



Inver Grove Heights City Council
Monday, January 9, 2023 at 6:00 PM
8150 Barbara Avenue, Inver Grove Heights, MN 55077

AGENDA

NOTICE TO RESIDENTS: Individuals may submit written public comments in advance of the meeting by emailing comments to Rebecca Kiernan (rkiernan@ighmn.gov). Comments received prior to 4:00 p.m. on Monday, January 9, 2023, will be provided to the Council at or before the January 9, 2023 meeting.

1. Call to Order

2. Roll Call

3. Presentations

4. Consent Agenda

All items on the consent agenda are considered routine and have been made available to the City Council at least two days prior to the meeting; the items will be enacted in one motion. There will be no separate discussion of these items unless a Councilmember or citizen so requests, in which event the item will be removed from this agenda and considered in normal sequence.

- A.** Approve minutes from the November 14, 2022 City Council Meeting
- B.** Approval of Disbursements
- C.** Personnel Actions
- D.** Approval of Final Plans and Specifications and Authorization to Advertise for Bids for City Project No. 2023-09D - Dawn Way Area Street Rehabilitation
- E.** Storm Water Facilities Maintenance Agreement for 11880 Albavar Path
- F.** Storm Water Facilities Maintenance Agreement for 1301 50th St
- G.** Joint Powers Agreement with City of South Saint Paul for Project 2023-09D - Dawn Way Area Street Rehabilitation
- H.** Joint Powers Agreement with City of South Saint Paul for Project 2022-09I - Carmen Avenue and Claude Way Area Street Rehabilitation
- I.** Authorization to Re-Advertise for Bids for Heritage Village Park – Phase 4.
- J.** Authorization to Re-Advertise for Bids for South Valley Park Redevelopment
- K.** 2022 Body Worn Camera Audit
- L.** 2023 Contribution to the Inver Grove Heights Fire Relief Association
- M.** Assignment of Improvement Agreement - Silverstar Car Wash
- N.** Resolution Authorizing Vehicle Procurement for Building Inspections Division
- O.** Reclassification of Assistant Golf Course Superintendent

5. Public Hearing

6. Regular Business

- A. Rental Housing Licenses
- B. 2nd Reading of Ordinance Regulating the Sale of Legal Products Containing THC
- C. Resolution Authorizing Advertisement of a Request for Proposals for Professional Engineering Services Pool
- D. 117th Street Reconstruction (City Project No. 2016-17) Progress Update
- E. 2023 Legislative Priorities and Positions
- F. Closed Session to Discuss Labor Negotiations

7. Public Comment

Public comment provides an opportunity for the public to address the Council on items that are not on the agenda. Comments will be limited to three (3) minutes per person.

8. Mayor and Council Comments

9. Adjourn

This document is available upon a three (3) business day request in alternate formats such as braille, large print, audio recording, etc. Please contact Rebecca Kiernan, City Clerk, at 651.450.2513 or rkiernan@ighmn.gov.

**INVER GROVE HEIGHTS CITY COUNCIL MEETING
MONDAY, NOVEMBER 14, 2022 - 6:00 P.M. - 8150 BARBARA AVENUE**

1. CALL TO ORDER:

The City Council of Inver Grove Heights met in regular session on Monday, November 14, 2022, in person. Mayor Bartholomew called the meeting to order at 6:00 p.m. The Pledge of Allegiance was recited.

2. ROLL CALL:

Present In-Person: Mayor Bartholomew, Council Members: Piekarski Krech, Dietrich, Murphy, Gliva; City Administrator Wilson, City Attorney McCauley Nason, City Clerk Kiernan, Police Chief Chiodo, Assistant City Engineer Dodge, Public Works Director Connolly, Community Development Director Rand, City Planner Hunting, Associate Planner Botten.

3. PRESENTATIONS:

4. CONSENT AGENDA:

A. Approval of Disbursements **Resolution 2022-233**

B. Personnel Actions

C. Final Compensation Change Order, Final Pay Voucher, Engineer's Report of Acceptance and **Resolution 2022-234** Accepting Work for City Project No. 2022-09B – Seal Coat

D. Final Compensating Change Order, Final Pay Voucher, Engineers Report of Acceptance and **Resolution 2022-235** Accepting Work for City Project 2020-06 Good Samaritan Pond (1301 50th St.)

E. Approve Contract for Psychological Services with Faul Psychological PLLC. **Resolution 2022-236**

F. Acceptance of AED Donation from the Center for Resuscitation Medicine **Resolution 2022-237**

G. **Resolution 2022-238** of Support for Dakota County 2023-2027 Capital Improvement Program

H. 2023 Central Equipment Vehicle and Equipment Replacement and New Vehicle and Equipment Procurement Requests. **Resolution 2022-239**

I. Re-Execution of Joint Powers Agreement Establishing the Lower Mississippi River Watershed Management Organization. **Resolution 2022-240**

J. Third Amendment to the Preliminary Engineering Contract for City Project No. 2016-17 - 117th Street Reconstruction. **Resolution 2022-241**

K. Joint Powers Agreement for Seidl's Lake Shoreland Restoration Project. **Resolution 2022-242**

L. **Resolution 2022-243** Authorizing Submittal and Execution of 2023 Dakota County Community Waste Abatement Grant Program Application and Contract

M. New Tattoo and Body Piercing Business License

N. Approval of Massage Therapist License

O. Increase to Pension Benefit for IGH Fire Relief Association. **Resolution 2022-244**

Councilmember Piekarski Krech requested Agenda Item 4B be pulled from the agenda.

Councilmember Dietrich requested Agenda Item 4E be pulled.

Motion by Dietrich, second by Gliva, to approve the Consent Agenda with exception to Agenda Items 4B and 4E.

Ayes: 5

Nays: 0 Motion carried.

Agenda Item 4B. Personnel Actions

Councilmember Piekarski Krech noted that the Rental and Code Compliance Coordinator is resigning and asked if there was someone in place, or if they were keeping the person until there is a new person in place due to it being a critical position.

City Administrator Kris Wilson replied there is not someone in place. There is staff in planning and building inspections that have the qualifications to carry on the work in the interim.

Motion by Gliva, second by Murphy, to approve Agenda Item 4B. Personnel Actions.

Ayes: 5

Nays: 0 Motion carried.

Agenda Item 4 E. Approve Contract for Psychological Services with Faul Psychological PLLC. Resolution 2022-236

Councilmember Dietrich asked what lead to the change in providers and what other Police Departments use the company.

Police Chief Melissa Chiodo replied one of the things that lead to the change was lack of confidence in services provided and recommendations. This company does pre-employment psychologicals, leadership assessments for future promotions, and fitness for duty to ensure a member is ready to return to work. Most agencies in Dakota County have switched to Faul, located in Dakota County.

Councilmember Dietrich's concern was that the other provider was used for awhile and are still caring for others in public safety.

Police Chief Chiodo replied she was unsure; they may use completely different criteria.

Councilmember Dietrich asked for a list of cities in Dakota County using this provider.

She referenced the donation of defibrillators and asked if the older ones could be used in other departments in the city.

Police Chief Chiodo replied they are keeping some of them. New ones purchased last year will not be turned in. With the Grant some of the returned ones are repurposed for other agencies that don't have any. After doing an audit of the units it was noted that there is only one AED in the building, they would like to add one to the City Hall side. She would check with other department heads on their needs.

Motion by Dietrich, second by Gliva, to approve Agenda Item 4 E. Approve Contract for Psychological Services with Faul Psychological PLLC. Resolution 2022-236

Ayes: 5

Nays: 0 Motion carried.

5. PUBLIC HEARING:

A. Public Hearings and Resolutions Ordering Projects for 2023 Pavement Management Program, City Project Nos. 2022-09 I, J and L. Resolutions 2022-245, 2022-246, 2022-247, 2022-248

Assistant City Engineer Steve Dodge presented on three improvement hearings for three 2023 pavement rehabilitation projects:

1. Carmen Avenue/Claude Way Area, 2022-09I
2. Cheney Trail/Coffman Path Area, 2022-09J
3. Bolland Trail and 62nd Street Area, 2022-09L

Project History 2022-09 (I, J, & L):

- Initiated by the City Council through the Pavement Management Initiative
- Council ordered feasibility reports, October 2021
- Council scheduled the improvement hearing on September 26th, 2022

- Staff hosted open house meetings on October 25th, 2022
- Maintenance: all projects have received crack sealing, chipseal, and patching

Project Summary (I, J, & L) (all but Carmen Avenue):

- 2" Mill & Overlay
- Street corrections as needed
- Spot curb replacement
- Minor utility adjustments for storm drain, sewer castings, and water gate valves
- Carmen Avenue:
 - Full depth reclamation
 - Select storm structure replacement

Cost/Funding (Project 2022-09I) Carmen/Claude area:

- \$3.3 million dollars
 - Surface improvements account for \$2,300,000
 - Water main, sanitary sewer, castings, surface structures
 - Storm improvements (Carmen) structure replacement
 - Sidewalk improvements: \$500,000
 - South St. Paul contribution
- Total Project Funding:
 - Pavement Management Fund: \$1.1 million dollars
 - Water, sewer, stormwater management funding
 - Special Assessments: \$1.8 million dollars
 - South St. Paul contribution: \$166,805

Special Assessments (Project 2022-09I):

- Per city policy: 80% assessed for the mill and overlay portion on Claude
- 55% of the assessed cost would be for the full depth reclamation on Carmen Avenue/partial reconstruction of a new sidewalk where the current trail is
- Properties are assessed on an area basis
- Administrative Assessment Cap:
 - \$43,560 per acre
 - Per policy assessment came in at .40 cents per square foot, equaling \$17,400 per acre
 - High Density Residential parcels are on a per parcel basis
- Recommended 10-year term

Cost/Funding (Project 2022-09J) Cheney Trail and Coffman Path:

- \$628,000
 - Street improvements: \$440,000
 - Bituminous trail improvements: \$96,000
 - Sanitary, water, storm improvements
- Total Project Funding:
 - Pavement Management Fund: \$141,000
 - Assessments: \$432,000
 - Sewer, water, and stormwater management funding
- Special Assessments (Project 2022-09J):
 - Assessed rate is 80% for mill and overlay (street) and 55% for partial reconstruction (trail)
 - 5-year assessment term
 - Special Benefit Cap was set at \$5,740
 - Single family residential, Cheney area: \$3,342
 - Multi-family townhomes, Aspen Ridge area: \$1,400
 - Multi-family townhomes, Woodview Ponds/Estates: \$1.842
 - CDA senior apartments: \$8,100

Cost/Funding (Project 2022-09L) Bolland Trail and 62nd Street:

- \$463,000
 - Street improvements: \$345,000
 - Sanitary sewer, water main, and storm improvements
 - 62nd Street rural section is noted as bid alternate
- Special Assessments (Project 2022-09L):
 - 80% rate
 - 5-year term
 - Special Benefit Analysis done by an Independent Appraiser; cap set at: \$9,262
 - Per policy assessments came in at \$5,941 – for the urban area/Bolland Trail
 - Single family residential rural \$6,791 (higher due to larger front footage)
 - To note: With the alternate option, staff would review and make a recommendation. Single family residential/urban would stay at \$5,941. The rural section would not be part of the project.

Schedule for Projects 2022-09, I, J, and L:

- Improvement Hearing, Order Project: November 14, 2022
- Approve plans and specs, authorizing bidding, authorize SSP Joint Powers Agreement (JPA): January 23, 2023
- Bid Opening: February 2023
- Council receives bids, awards project: March 2023
- Begin construction: April/May 2023
- Assessment Hearing: September/October 2023

Recommendations:

- Receive public input documents for Project 2022-09L into the record: 3 letters were submitted.
 - Staff met independently with property owners. 3 have septic systems, they do not have gravity sewer connection
 - May need connection as the septic systems may fail within a 10-year period
 - Staff will review in final design and come back before the Council in January with a recommendation
 - A staff meeting summary was provided to those residents. From that summary, residents selected Option 2 as the preferred method.
 - Option 2 is to not mill and overlay the rural section

Councilmember Piekarski Krech asked how it would work with plowing if there would be new road with old road in the center.

Assistant City Engineer Dodge replied the existing rural section has received a broad area patch (overlay). Residents preferred to have their assessment dollars go towards a new road improvement when a sewer is needed in the area.

Councilmember Murphy asked if it was included because it was a part of the bigger plan.

Assistant City Engineer Dodge replied it was authorized as a part of the feasibility report.

Councilmember Murphy asked if there was other infrastructure under the road.

Assistant City Engineer Dodge replied there is storm sewer (ditch system).

Public Works Director Brian Connolly stated there is water main.

Recommendations:

- Receive final feasibility reports for all three projects
- Hold public improvement hearings independently
- After each hearing:
 - Receive the feasibility report
 - Order project

- Authorize preparation of plans and specifications

Councilmember Murphy asked how old the roads were for 2022-09J.

Assistant City Engineer Dodge replied the roads were from 2001, further north on Coffman is from 1997.

Motion by Gliva, second by Dietrich, to accept the letters received and the summary of the meeting into the record.

Ayes: 5

Nays: 0 Motion carried.

Motion by Murphy, second by Gliva, to approve and receive the feasibility reports as presented.

Ayes: 5

Nays: 0 Motion carried.

Mayor Bartholomew opened the Public Hearing.

Motion by Dietrich, second by Gliva, to close the Public Hearing at 6:34PM.

Ayes: 5

Nays: 0 Motion carried.

Motion by Murphy, second by Dietrich, to approve Resolution 2022-245 and authorization to order the project for the 2023 Pavement Management Program, City Project No. 2022-09I, Carmen Avenue and Claude Way area.

Ayes: 5

Nays: 0 Motion carried.

Mayor Bartholomew opened the Public Hearing.

Motion by Gliva, second by Murphy, to close the Public Hearing at 6:35PM.

Ayes: 5

Nays: 0 Motion carried.

Motion by Gliva, second by Dietrich, to approve Resolution 2022-246 and authorization to order the project for the 2023 Pavement Management Program, City Project No. 2022-09J, Cheney Trail and Coffman Path Area.

Ayes: 5

Nays: 0 Motion carried.

Mayor Bartholomew opened the public hearing for resolution and authorization of ordering the project for the 2023 Pavement Management Program, City Project No. 2022-09L, Bolland Trail and 62nd Street Area. Resolution 2022-247

James Borgeson, 6232 Bolland Court, asked what the age of the pavement was and the assessment period. He mentioned that patching was noted in the presentation, there wasn't any patching in the area. He said it didn't look like it was in as poor of shape as the other two projects. He did not feel it was necessary. He felt the pavement was ½ way through its life.

Assistant City Engineer Dodge replied construction took place in 2001, it's within the 20-25-year period to do a mill and overlay. The assessment term is 5-years, the rate would be determined at the time of the assessment hearing.

Mayor Bartholomew asked if the address given by the resident falls within the section of 5 parcels.

Assistant City Engineer Dodge replied it is not in the rural section. He addressed the pavement concern stating there would be rapid deterioration of pavement. Once pavement reaches a 20-25-year period it's better to do a mill and overlay to extend its life. Patching would cause maintenance expenses for the city.

Mr. Borgeson said it sounded like the feasibility assessment was ordered in order to avoid patching and smaller maintenance costs. He asked if it was a cost avoidance measure.

Assistant City Engineer Dodge responded the Capital Improvement Plan is based off data driven assessments, pavement condition assessments, and geotechnical exploration. With that information they have made a 25-year recommendation for street rehabilitation.

Motion by Dietrich, second by Gliva, to close the Public Hearing at 6:42PM.

Ayes: 5

Nays: 0 Motion carried.

Motion by Dietrich, second by to Gliva, to approve Resolution 2022-247 and authorization to order the project for the 2023 Pavement Management Program, City Project No. 2022-09L, Bolland Trail and 62nd Street Area.

Ayes: 5

Nays: 0 Motion carried.

B. Adoption of Assessment Roll for the 2022 Nuisance Abatement Program

Community Development Director Heather Rand discussed the adoption of the assessment roll for the 2022 nuisance abatement program. Abatements are identified when there is long grass, weeds, refuse, or other nuisance conditions. The property owner is notified and requested to comply by correcting the matter. If within 1-2 days they do not, they receive additional communication from the city stating the city would hire a firm/consultant to remedy the situation. The property owner is given time to fix the situation, if not, contractors are hired to remedy the situation. After the work is complete, the city sends out a bill. If the bill is not paid, the property owners are notified that staff would have the City Council hold a public hearing. Currently, there are 6 different parcels.

- Amounts vary between \$135.00 to a maximum of \$409.00
- Total for all properties: \$1,263.58

If Council approves the assessment roll, after the public hearing those property owners would receive notice and have 30 days to make payment before the fee goes onto their property taxes for next year. Staff recommends a public hearing be held and adoption of the resolution.

Mayor Bartholomew asked if anyone protested the payment.

Community Development Director Rand replied there were no letters of protest.

Mayor Bartholomew opened the public hearing.

Motion by Dietrich, second by Murphy, to close the Public Hearing at 6:47PM

Ayes: 5

Nays: 0 Motion carried.

Motion by Gliva, second by Dietrich, to approve the Adoption of the Assessment Roll for the 2022 Nuisance Abatement Program

Ayes: 5

Nays: 0 Motion carried.

6. REGULAR BUSINESS:

A. Major Site Plan Approval and Development Agreements for Salem Hills Elementary School, 5869 Babcock Trail. Resolution 2022-249

City Planner Allan Hunting discussed the major site plan approval for the Salem Hills Elementary School Parking Lot Addition. This was discussed with Council in May 2022, there were questions, the item was tabled and is on the agenda at this time.

- Action requires the approval of a resolution for a major site plan
- The parking lot expansion is designed to improve traffic flow and provide more room for student pick up/drop off stacking space
 - Separates car traffic from bus traffic
 - There is currently one access, proposing two
 - The north side of the school would have an additional parking lot for staff
- Neighboring property owners raised concerns regarding impacts to the existing storm water runoff in the area
- The engineer finds that plans comply with storm water management standards
- Council is asked to approve major site plan approval and development agreements for the parking lot expansion
- The Planning Commission met in March 2022 and recommended approval 7-2
- Planning and Engineering recommend approval of the major site plan as presented

Dave Rey, Engineer, Bolton & Menk, represents the School District and developed the plans. He stated there were two primary concerns addressed to them:

1. The volume of runoff being directed to the neighbors to the north
2. Spill lighting coming off the parking lot lights

The first concern was addressed after meeting with city staff and the neighborhood. Following that meeting, he and Public Works Director Connolly discussed ways to work with the stormwater management code yet make adjustments that address concerns. They determined diverting the runoff volume being filtered through the underground retention system to a different location towards an infiltration basin on the east side of the site. This reduces the overall volume going to the neighborhood by 5-15%.

He responded about the lighting concern and stated it is being handled by School District policy. There are approximately 10 potential events during the school year where the lights would be on after hours.

Councilmember Gliva asked where the water going east ends up.

Mr. Rey replied it discharges into a proposed basin that discharges into the ditch and travels along the ditch system on the west side of Babcock.

Councilmember Gliva mentioned during the initial meeting she thought it was said that something like this could not be done.

Mr. Rey replied with stormwater management they need to control the rate of runoff (how fast it leaves the site), provide water quality (clean the water before it goes to wetlands/waterways), and provide abstraction. Code allows for the volume to be directed in a different direction.

Councilmember Murphy asked how the water is sent in a different direction.

Mr. Rey replied there is an underground chamber that holds and retains the water, then sand media, and drain tile. The higher elevation goes to the neighborhood, the drain tile is routed towards the east.

Councilmember Dietrich questioned if any improvements were made to address the traffic flow concerns raised at the first meeting.

Mr. Rey replied no improvements were made since the first meeting.

Dale Beckmann, 1855 58th Court East, lives north of the school.

Philip Prokopowicz, 1850 58th Court East.

Mr. Prokopowicz requested the Council deny the application. He said the major issue of ongoing traffic has not been addressed. He went to the school today at dismissal time. There were 28 cars parked along Babcock by no parking signs. There was no parking enforcement. Southbound traffic was going into the northbound lane to get around parked cars. It stayed that way for 10-15 minutes. There was a staff member outside directing traffic. He said the plan changed a double lane entrance to a single lane entrance at the request of the County, causing additional concerns. What he saw today creates a public safety concern. He said there has been a substantial increase in traffic going into the school. Having been to the school on four occasions, there have been about 40-50 cars lined up for pick up where previously there were 30-40. Those numbers were confirmed by the School District. He felt there were current violations that are not being addressed.

Mr. Beckmann stated they have looked at the application, the wording that came up was more about traffic improvements and less about student safety. With 11.36 acres at this location, there is a lot of room for improvements in the area. He listed safety issues they would like covered:

- 58th Court drainage issue, swale. One of the problems is the lack of maintenance the School District has in the system. There are ongoing concerns about the existing drainage system they are adding water to.
 - There is an emergency overflow that flows water. If catch basins are obstructed/not working, water in the parking lot would flow into the neighborhood. Neighbors requested raising up the west edge of the parking lot forcing the overflow to the east.

They request those issues be reconciled before approving the plans.

- He questioned where snow storage would go from the new parking lot. Residents felt the city should require the School District be proactive in addressing those issues.
- There are student safety concerns. Residents believe the only way to get comfort from drainage is to eliminate the north parking lot. Residents determined alternatives and discovered several flaws in the plan.
- After doing a simulation, they felt the count difference of cars was at 71% from April to September 2022.

He believes the first cars going into the school would go to the front door. If going to the north parking lot, they lose the stacking in the area. He shared that the School District has said that people show up to pick up their kids 15-30 minutes before students get out.

- He asked where the safety was. The queue would not move that quickly due to not being able to see the child.
- The bus turnaround area is on the south side of the school. He questioned if the buses would see a child coming out to the playground area.

- There is a cross walk where the parent/visitor parking area is, this creates a hazard.
- With the handicapped parking spots, there is a 24-foot drive aisle in a parking area. That area is needed for cars to back out.
- He referenced City Code 10-15-21 Traffic Control "traffic generated by any other use shall be channelized and controlled in a manner that would avoid congestion on public streets and safety hazards".

He said a lot of what he has discussed has been sent in a letter to the city this afternoon.

He stated they have asked to see viable alternatives and were told they won't be shared. He offered the following alternatives:

- Alternative 1: All operations all in front. An area can be used to the north for stacking. This allows for safety when crossing the crosswalk.
- Alternative 2: Has stacking for 70+ vehicles. This takes the circular road around the school today and moving it. The plan he showed moves it away from the area.
- Alternative 3: Has stacking for 60+ vehicles.
- Alternative 4: Asher Avenue operation route. Only buses would come up onto the property via Asher. This frees up the east side for passenger vehicles.

The alternatives have been shared with the School Superintendent. No comments have been received.

In summary:

- The most significant problem is stacking on Babcock
- Student, parent, visitor, and staff safety
- Student deliver/pickup
- 58th Court drainage resolution
- Be a good neighbor

George Fell, 1765 Upper 55th Street, mentioned he had no idea the extension of the parking lot at Salem Hills would find its way into Schmitt Lake. He used to have access to the lake, but now has a marsh extending 30-40 feet. Upon hearing that additional flow would come down there, it would still not stop erosion. He was concerned and had no idea this was there.

Kelly Kayser, 1953 59th Court East, stated regardless of what the final plan is if people don't follow the rules all the time and money would be for nothing. She said she lives in the cul de sac across from the school. Currently there are right turn only signs in the school parking lot. About 5% of the cars coming out of the lot actually turn right, several turn left. She felt it was a disaster and a miracle that nobody has been hurt during drop off/pick up times. She mentioned she didn't see the School Districts plan for how cars would come in and move through areas. She questioned if buses would be able to turn. She asked if right turns would still be required. She said there would be two access points with both buses and cars turning right or left and questioned if that would solve the problem on Babcock. She said their cul de sac is where most of the cars that turn right, turn around and go north onto Babcock. Residents are unhappy that most use people's driveways to pull in and back out.

Mr. Rey addressed some of the concerns stating the concept with schools is to separate cars (parent pick up/drop off) and buses. Another is to provide a safe way for students to get off a bus or car and not have to cross into a drive. The current design has a peninsula for safe passageway. Staff can monitor the front area to see all children at the same time.

Mayor Bartholomew asked if there were counts and if they made sense.

Mr. Rey replied school staff counted a few weeks ago, it was about 50. It varies. If cars don't use the staff parking lot, (not in the plan) they do back up on Babcock which is not what they want. The design is to have someone stationed to direct cars around at the beginning. The area would accommodate 50 cars, any more than that would back up onto Babcock.

Councilmember Murphy referenced that buses pull in off Babcock, drive around the school, and exit back onto Babcock.

Mr. Rey replied that is what is currently done today. In the new plan buses would come in and park diagonally. When leaving they pull forward, they do not back up. In the afternoon they go to the turnaround location.

Councilmember Murphy commented that it makes sense to have a road further away from the school, but all the way around the school. He asked if there was a reason why they couldn't.

Mr. Rey replied there is a road all around the school today. They are trying to eliminate the randomness of traffic. It's difficult for staff to monitor. Having the road further out would take away some of the greenspace.

Councilmember Dietrich said it was mentioned that someone would be stationed to monitor traffic flow. She was not comfortable with that because there were no assurances now about turning left and parking where no parking is allowed. She asked why there wasn't anyone currently stationed there.

Mr. Rey replied it's currently very unorganized. There is a mixing of cars and buses with one entrance for everybody. He felt it didn't make sense to have someone out at the street directing traffic. To him, it was more important to direct traffic up at the school where the kids were.

Councilmember Dietrich asked what the County's reaction was when they went back to them with the elimination of the one lane.

Mr. Rey replied that design had two lanes in and two lanes out. The County said if someone was trying to make a left turn to get into the queue, those already queued for the drop off lane would back up into the County Road more. The County was firm in their decision to not allow the second access. He said the lane could be expanded to the north without trouble, it doesn't impact the rest of the design. There is flexibility for future designing and accommodations.

Mayor Bartholomew asked what the future flexibility adds for capacity.

Mr. Rey replied it adds nothing. It's a perceived solution to better channel traffic into the parking lot.

Councilmember Gliva asked about raising the parking lot.

Mr. Rey replied the grades in the parking lot were adjusted for the overflow point to be located where it is.

Dave Bernhardson, Superintendent of School District 199, stated they are trying to eliminate blind spotting. The bus door is located on the right side, they want to be able to drop kids off at the curb. Buses currently go around the building, which creates blind spots. There are currently about 50 cars that back up onto Babcock each day. This plan provides cars to go in and loop around, taking them off Babcock. The current system works but puts staff at risk.

Mr. Rey addressed the handicapped suggestion given by Mr. Beckmann stating he liked the idea and would check to see if it makes the Code minimum car count.

He discussed snow storage stating they have spoken with the neighbors and the School District about having snow storage where proposed so when it melts it melts back into the parking lot along the curb line. With raising the parking lot, there are two catch basins where the primary drainage goes. If those become plugged, they have it going off to the side.

Tracy Mulcahy, 1810 58th Court East, mentioned if a few of the neighbors had not gone to a Planning Commission meeting, they would not have known this was happening. She doesn't believe the school was being a good neighbor by not getting the neighborhood involved sooner. She said the current

playground has woodchips, snow, and rain soak into the ground. That area is being replaced with a parking lot. Residents are concerned that could contribute more problems for water down the hill. Several days last spring she tallied cars coming and going in the parking lot and counted over 90. With right turn only, a majority turned left. She referenced the green space on the west side, stating kids run all over the north side where the playground is. There is plenty of space for kids to play on the north side. She felt using the west side for parking, buses, or traffic, would not impact the kids play area.

Ms. Kayser asked how much space was between the two exit points. She suggested approaching the County to have flashing light signs during drop off/pick up times. She asked if they could get parents to volunteer on the Babcock exit.

Mr. Beckmann requested the Council deny the request. There were a lot of things proposed they have not heard about. They believe there is a lot of work that needs to be done to make it a better plan.

Mayor Bartholomew stated the deadline for this application is November 30th, 2022.

City Administrator Kris Wilson stated that the School District has provided several extensions that have cost them the entire construction season.

City Administrator Wilson shared the issue for Council on this application is whether or not the proposed site changes comply with City Code. The design is not the question before the city. The question is if the landowner, after doing research, has submitted a plan that conforms to City Code. If the Council denies the application, reasons will need to be given as to why the application is not in compliance with City Code.

Mayor Bartholomew stated the Council has purview with traffic and making sure it's doing what the site plan approval says. He was unsure if safety was an issue they have dealt with at this level. He suggested discussing the safety concerns heard from residents.

City Administrator Wilson replied its city staff's belief that the School District submitted the application voluntarily to address the safety concerns that meet with their operational needs and budget. If denying, the Council may not see a revised application and the School District can continue operating as they are and use staff, cones, or other methods to address concerns.

Mayor Bartholomew wanted to ensure the applicant was in compliance with the current ordinance, is expanding the capacity, and trying to improve.

City Administrator Wilson stated Staff and the Planning Commission's recommendation is that the submitted application meets all required city codes.

Councilmember Piekarski Krech was concerned about water quality and keeping the water out of the neighborhood. She asked if all water would be flowing through the parking lot and out onto Babcock.

Mr. Rey replied the stormwater gets captured by catch basins, an underground stormwater management system takes it through a pipe and goes into the neighbors to the north's backyards. There is another volume below the pipe that is the water quality volume, it filters through the sand and into a drain tile system, the drain tile connects to the surface filtration basin. If catch basins get plugged, there would be some storage in the parking lot, anything beyond that goes down the parking lot; the probability of that is less than 1%.

Councilmember Piekarski Krech asked what could be done to make sure the catch basins don't plug.

Mr. Rey replied the catch basin style they use is a safe system.

Mayor Bartholomew asked staff what there was for compliance to be assured the mechanisms and devices on site are working. He asked what the recourse was if there is a complaint, and the system isn't working the way it's supposed to.

Public Works Director Brian Connolly replied staff worked with the School District to come up with an improvement agreement. There is a stormwater facilities maintenance agreement. This agreement indicates regular inspections of the system, makes sure the system is being cleaned out. He mentioned that Bolton & Menk have put together a maintenance plan for the year. Maintenance activities would be submitted to the city on an annual basis. If the School District doesn't provide the information the city would go in and clean out the non-conforming items and assess the cost of the improvements back to the School District. An annual inspection is required.

Councilmember Murphy believes it's a significant upgrade for the area. He said residents made a great point regarding cars backing up on Babcock. He felt it was more of a Babcock issue, he was unsure how the city could get around that. Other elementary schools he has been involved with back up down the road. He was unsure how that problem could be solved in the short term. He supports this.

Councilmember Gliva said it didn't make sense to her as to why they would not be able to have more than one entrance and zipper merge. She was unsure they could solve the Babcock issue entirely. She liked the resident's idea of getting lights, direction, and parent involvement. She questioned having an officer there directing. She thought the plan is a big improvement. She is in favor.

Motion by Murphy, second by Gliva, to approve the Major Site Plan and Development Agreements for Salem Hills Elementary School, 5869 Babcock Trail, along with accepting the letter received into the record. Resolution 2022-249

Ayes: 4

Nays: 1 (Dietrich) Motion carried.

The Council took a break at 8:22 p.m.

The Council was back in session at 8: 29 p.m.

B. Plat and Multiple Related Land Use Actions for 2855 47th Street E (Bethesda Lutheran Church). Resolutions 2022-250, 2022-251, 2022-252, 2022-253, 2022-254

Associate Planner Heather Botten discussed property owned by Bethesda Lutheran Church located at 2855 47th Street East consisting of 13 platted/unplatted parcels. The lot is located near Boyd and 47th Street. The zoning is currently public institutional. There are three lots in the southeast corner currently guided for low density residential. She said the Church was approached by a homeowner to the north about purchasing 6,400 square feet of property to be combined with their lot. In order to sell off that small amount of property, the Church is required to plat all of the property to bring the site into zoning compliance. The Applicant requests the following:

- Three lot subdivision:
 - Lot 1 is for the existing residential lot in addition to the 6,400 square feet requested
 - Lot 2 is for the existing Church lot
 - Lot 3 is for a new single-family lot in the southeast corner of the property
 - There is a Comprehensive Plan Amendment for 2 portions of the property:
 - For the 6,400 square feet. This would go from public institutional to low density residential
 - The perimeter of the property guided low density residential would be changed back to public institutional (same as the Church)
 - There is also rezoning of two portions of the property:
 - For the 6,400 square feet

- For the new single-family lot. Zoning would be changed from institutional to R1-C single family
- Vacation of existing perimeter drainage easements
 - Around Lot 1, existing platted property. Existing perimeter easements would be vacated and rededicated on the new plat to incorporate the 6,400 square feet
- Variance request
 - There is an existing shed on the property that is 380 square feet. With moving the property line, it would be 10 feet from the property line where 50 feet is required.

There are no proposed changes to the Church, any access points, or the parking lot. The variance is for an existing structure. The property requesting the lot is the most affected for the variance request. The institutional zoning district does not have setback requirements for accessory buildings, only for principal structures. Staff does not believe the variance would have any adverse impacts to surrounding property owners. The applicant requests:

- Deferring the fee for park dedication to be done at the time of development of the parcel for the new single-family lot and/or asking for the fee to be reduced to \$2,850. That fee was changed to \$3,850. The materials the Church had at the time referenced \$2,850. Application was made after the fee changed.
- Defer the requirement of providing water and sewer stubs to the property line. This is typically done at the time of development. They ask to defer that, not as a developer, but to the future property owner when building a home. The Church doesn't have a plan as to when they would sell off the new single-family lot.

Staff recommends approval of all requests with the addition of a condition to the plat resolution that would require a development contract be recorded against the property. The Planning Commission reviewed the request at their October 4th meeting and recommended approval as submitted with the conditions listed. The Parks and Recreation Commission met on November 9th and recommended approval of the cash fee of \$3,850.

Mayor Bartholomew asked if they have waived the requirements for water/sewer stubs in the past and put them into the construction agreement.

Associate Planner Botten replied not that she recalled.

Mayor Bartholomew requested information about a waiver of the requirement of the water/sewer stub.

City Attorney Bridget McCauley Nason replied she wasn't aware of any that have done that.

Mayor Bartholomew questioned if it was in the Council's purview that a requirement be put in the resolution to provide it at the time of building permit.

City Attorney McCauley Nason replied the Code requires it be provided by the subdivider in the development of the subdivision. The time of building permit is a possibility.

David Hohle, 127 10th Avenue South, South St. Paul, represents Bethesda Church, 2855 47th Street. He requested deferring the utilities and the park fee. He said the Church is focusing on the single lot for possible future sale of which could be in 5-10 years. The Church has a limited budget and is not looking to do expenditures now. They prefer that take place at the time of sale.

Mayor Bartholomew mentioned the Park Dedication Fee would have to be paid at the time of platting.

Mr. Hohle replied they were wondering if it could be done at the time of sale versus time of plat.

Mr. Hohle stated the only reason they created the other plat was because they were in the process of doing this paperwork anyway. They were changing from institutional to residential. They are not in a hurry to sell and could still create the lot. Another option would be to leave Lot #3 out of the division as institutional rather than rezoning as residential.

City Administrator Wilson stated connection fees for utilities and park dedication comes with the creation of a lot, not just a residential lot.

City Administrator Wilson stated if the Council entertains a deferment of either of the fees, they need to specify what fees need to be paid. If deferring and not selling for 5-10 years, fees would likely be higher. When they come due, staff recommends owing the fees in place at that time.

Mayor Bartholomew said the water and sewer stub would be at the prevailing fee structure at that time. He was unsure how to deviate from the park dedication. \$3,850 is the current fee and what everyone else pays. His position is for \$3,850 and may be able to have water and sewer done at the time the building permit is pulled.

Mr. Hohle said if the fees increased, they would have no objection as it would go against what they get from the sale of the land.

Mayor Bartholomew summarized the request:

1. Comprehensive Plan Amendment
2. Rezoning the two portions
3. Vacation of the perimeter drainage utilities and then reinstatement of utilities after the work
4. Preliminary and final plat for a three-lot subdivision
5. Variance to allow the existing garage on the property

Vern Levine, 2940 46th Court East, stated his lot is directly to the north of the new lot. He was concerned with the drain water. Everything drains to the corner, there is no collection there. He questioned where the water would go if building a house on the lot, it could create more water. He asked what guarantees there were that he would not get additional water.

Associate Planner Botten replied at the time of the building permit the engineering department would review the survey, elevations, and grading to make sure it's not impacting surrounding properties.

Mayor Bartholomew stated he was not in favor of changing the park dedication to a lower amount.

Associate Planner Botten clarified that they are not discussing fees for water and sewer stubs, it's the actual physical connection from the street to the property line.

City Administrator Wilson added that the city imposes water and sewer connection fees at the time of plat. There would be a cost triggered by the action.

City Attorney McCauley Nason stated the request is to pay the fees when they must be paid. The plat connection fee needs to be paid at the time of plat. Building permit fees are paid at the time of building permit. The two questions for Council are if the park dedication fee can be deferred until the time of building permit. If that fee is deferred, payment would be based on what the current rate is at the time. The second question is regarding the physical connections for water and sewer. Code requires a physical connection be made as part of the subdivision process. The request is if the development contract can state those connections be made when the building permit is pulled.

City Administrator Wilson stated that the current water plat connection fee is \$1,520, multiplied by the density factor of 3.5, multiplied by net developable acres. There is also one for sanitary sewer. Those are usually paid at the time of plat.

Councilmember Piekarski Krech stated this was different than a developer coming in and developing multiple lots. The Church is trying to be a good neighbor and sell a parcel to the neighbor. She felt it was logical, it's one lot that would not impact anyone. She suggested to structure it in a way that states

all fees are waived at this point but need to be paid at the rate at the time of the application for the building permit, or the time they are selling the property. At this time, the property would be owned by the Church, tax exempt. It has no impact on city funding. The city gets more money if waiting to pay at the time of building. She did not see a problem for the one lot in this unique circumstance.

Associate Planner Botten stated the request is for the deferment of fees and the installation of the stubs from the street to the property line.

City Attorney McCauley Nason stated in the past some park dedication fees have been deferred, Code provides flexibility for the stubs. There is no flexibility in the language for plat connection fees. She said she would draft the contract as directed by Council.

Councilmember Murphy did not see an issue with deferring this at future prices. He was not comfortable reducing the park dedication fee.

City Attorney McCauley Nason stated that Council has discussed the approval of the applications as presented with an amendment to the approval for the plat indicating that a development contract would be prepared. This would come back to the City Council for final approval. With the development contract, staff is directed to stagger payment relating to the fees and stagger the requirements for installation of physical connections to coincide with development of the lot. If a motion is made and approved, there would be a development contract that contains the terms and conditions the Council outlined. The park dedication fee would be included as part of the development contract. She mentioned that the Council stated park dedication fees would be paid at time of building permit, at the amount within the current fee schedule.

Councilmember Dietrich did not want to go against what the Parks and Recreation Commission recommended.

Councilmember Piekarski Krech stated PRAC did not want a reduction in the fee.

Community Development Director Rand clarified that PRAC was focused on whether they should accept the fees versus dedicated land. They did not weigh in on the amount.

Associate Planner Botten stated PRAC recommended the \$3,850 rate but did not go into discussion because it is not in their purview to reduce.

Community Development Director Rand shared that staff did not recommend waiving or delaying fees because other individuals have come in with similar requests. Staff still requires fee payment.

Councilmember Murphy asked if City Code allows for flexibility.

City Attorney McCauley Nason replied the City Code doesn't go into development scenarios. There is flexibility with the connections. Fees are required at the time of plat, including the park dedication fee and plat connection fee. If Council determines this a unique situation and requires fees be paid at a different time, that could be reflected in the development contract.

Councilmember Piekarski Krech stated there isn't a reduction in fees at this time. The fees can increase. Councilmember Murphy asked if they could decide to not develop them and save the money. For example, at the time of platting they decide to plat three lots but never intend to develop two and the city defers the cost.

Councilmember Piekarski Krech replied if the lots are not developed, the city isn't providing services. She questioned why three lots would be platted if they were not going to use them.

Councilmember Gliva asked if plat connections were calculated or if there was an estimate.

City Administrator Wilson replied no, not at this time.

Mayor Bartholomew stated the Council would forgo charging at platting and put in the development agreement that it would be collected at the time of building permit. This includes the hook up, the fee, stubs, and the hookup fees provided at the time of building permit. The park and recreation fee will be paid at the rate at the time of lot development.

Councilmember Gliva mentioned she was having trouble doing all the deferrals. Even though it's a unique situation, it sets a precedence.

Councilmember Dietrich felt there may be more unique situations coming up. She would like to stay with policy on this.

Councilmember Murphy shared that staff's recommendation has him thinking this could come back with problems. He said there were rules for a reason, and they never know what they may run into.

Motion by Dietrich, second by Gliva, to accept the comprehensive plan as proposed for 2855 47th Street E (Bethesda Lutheran Church). Resolution 2022-250

Ayes: 5

Nays: 0 Motion carried.

Councilmember Piekarski Krech questioned where not having a reduction of fees and when fees are payable was mentioned.

City Attorney McCauley Nason replied the resolution approving the plat includes the reference to different conditions. It is requested to add that a development contract be executed by the property owner and City Council. That is the resolution where any changes would be included.

Motion by Murphy, second by Gliva, to approve rezoning the two portions, vacation of the perimeter drainage, preliminary and final plat for a three-lot subdivision, and a variance to allow an existing garage on the Church property less than 50 feet from the new property owner for 2855 47th Street E (Bethesda Lutheran Church). Resolutions 2022-251, 2022-252, 2022-253, 2022-254

Ayes: 4

Nays: 1 (Piekarski Krech) Motion carried.

C. Liquor License Violation -- Mallory-Mikayla, LLC, doing business as 451 Beer. Resolution 2022-255

Police Chief Melissa Chiodo recapped the ordinance, why they do enforcement, and police training to do enforcement. She would then discuss the violations one by one.

The purpose of Alcohol Compliance Checks:

- Part of an effort to work with the community and businesses to reduce sales of alcohol to minors.

Ordinance 4-1-14 speaks of alcoholic beverages and compliance

- Anyone who serves or sells any alcoholic beverage at a licensed establishment shall complete a program of alcohol server training before being allowed to serve any alcoholic beverages.
- Every licensee shall allow any peace officer, or any other person designated by the Council to conduct these compliance checks. A warrant is not needed, it is in the ordinance.

Underage Buyers Protocol:

- Underage buyers are used, there is strict protocol

- Buyer will not use any identification other than their valid Minnesota Under 21 Driver's License or valid ID
- If being asked for identification, the buyer presents their Under 21 ID
- If asked for date of birth, actual date of birth is given
- If seller asks, the buyer can say they are 21
- All buyers are trained by the police department prior to compliance checks
- Buyers go as they are. No dressing up to look older, come as they normally would

Civil Penalties and Sanction 4-1-19

- Council may impose a civil penalty up to \$2,000 (follows State Law) and suspend a license up to 60 days.

Minimum Penalties:

1. First violation within the last five years: \$750.00 civil penalty.
2. Second violation within the last five years: \$1,000.00 civil penalty and a one-day license suspension.
3. Third violation within the last five years: \$2,000.00 civil penalty and a three-day license suspension and/or license revocation.
4. More than three violations in the last five years: \$2,000.00 civil penalty and a suspension of more than three days and/or license revocation.

To note: Brought forward at a Work Session on October 7, 2019; minimum penalties and violations. The ordinance was amended with feedback from businesses and liquor establishment holders. On February 10, 2020, the resolution was updated that each violation was considered a separate violation as it's presented for penalties.

2022 Compliance Checks:

- Police conducted 32 compliance checks in August and September
- 26 businesses passed compliance checks
- 6 businesses had at least one fail during their compliance check

Councilmember Murphy asked how days were determined for suspension.

Police Chief Chiodo replied the Chief of Police makes a recommendation of three different dates between the violation and the end of the calendar year. The Council selects the date and votes.

Mayor Bartholomew said in the past they may have asked the applicant what day was preferred.

Police Chief Chiodo agreed that was done in the past. It was noticed that the slowest sale day of the year was chosen so it would not impact sales. With trying to encourage businesses to not sell to youth in the community the city selects the date.

Police Chief Chiodo presented the first business for Council discussion: Mallory-Mikayla LLC (DBA) 451 Beer, 6530 Cahill Avenue.

- Compliance check took place on August 31, 2022
- An employee sold/furnished alcohol to a person under 21 years of age
- First violation within the last five years (no public hearing is required because it is the first violation)
- Staff's recommendation is for the minimum civil penalty of \$750.00

Mayor Bartholomew asked if input was taken from the license holder.

City Attorney McCauley Nason replied all business holders were provided with notice of the Council consideration and advised they could attend the meeting.

To note: The first two establishments presented are true first-time violations. They are not required to have a hearing. The others are required to have a hearing; any comments are taken and recorded into the record.

Motion by Dietrich, second by Gliva, to approve the Liquor License Violation -- Mallory-Mikayla, LLC, doing business as 451 Beer with the minimum civil penalty of \$750.00. Resolution 2022-255

Ayes: 5

Nays: 0 Motion carried.

D. Liquor License Violation -- Outback Steakhouse. Resolution 2022-256

Police Chief Chiodo discussed the Liquor License Violation for Outback Steakhouse located at 5723 Bishop Avenue.

- Compliance check took place on September 29, 2022
- An employee sold/furnished alcohol to a person under 21 years of age
- First violation within the last five years (no public hearing required due to first violation)
- Staff's recommendation is for the minimum civil penalty of \$750.00

Motion by Murphy, second by Dietrich, to approve the Liquor License Violation -- Outback Steakhouse with the minimum civil penalty of \$750.00. Resolution 2022-256

Ayes: 5

Nays: 0 Motion carried.

E. Liquor License Violation -- Trail West, Inc., doing business as Trail Liquors. Resolution 2022-257

Police Chief Chiodo discussed the Liquor License Violation for Trail West, Inc., doing business as Trail Liquors located at 9740 Robert Trail.

- Compliance check took place on August 31st, 2022
- First violation: Employee sold/furnished alcohol to a person under 21 years of age
- Second violation: Employee did not have alcohol server training
 - This needs to be kept on file for up to three years after the employee has worked there.
 - Must submit a list of employees indicating that they are compliant with alcohol server training during the liquor license renewal every year.
- Public Hearing required
- First violation for selling alcohol to a person under age 21. Minimum civil penalty of \$750.00
- Second violation of failing to have alcohol server training. (The business has up to three days after the alcohol compliance check to provide the training. If they don't, they are notified). Nothing was received on this employee.
 - Minimum civil penalty of \$1,000.00 and a one-day suspension will occur on one of the following dates:
 - November 23, 2022
 - December 16, 2022
 - December 23, 2022

Councilmember Dietrich asked how the business owner is made aware they have three days to get the information to police.

Police Chief Chiodo replied they are notified in writing at the compliance check. It is also included in the City Ordinance.

James Vogt, 9740 South Robert Trail, Trail Liquor, stated in his 14 ½ years of having a liquor license, this is his first offense. He had searched for the employees' certificate and was unable to locate it. The employee has tested since the new liquor license has gone out. He was disappointed in the choices for dates because one is before Thanksgiving, December 23rd is a Friday night, and so is December 16th.

Mayor Bartholomew stated the dates are chosen at the discretion of the Police Chief.

Mr. Vogt replied he was hopeful to get December 16th if possible.

Motion by Murphy to close the Public Hearing at 9:27PM.

Ayes: 5

Nays: 0 Motion carried.

Councilmember Dietrich suggested December 16th, 2022.

Mayor Bartholomew agreed with December 16th.

Motion by Dietrich, second by Murphy, to approve the Liquor License Violations -- Trail West, Inc., doing business as Trail Liquors with the civil penalties as presented along with the date of December 16th, 2022 being chosen for the one-day suspension. Resolution 2022-257.

Ayes: 5

Nays: 0 Motion carried.

F. Liquor License Violation - LOOM Lodge 1088, doing business as Moose Lodge #1088. Resolution 2022-258

Police Chief Chiodo discussed the Liquor License Violation for LOOM Lodge #1088 (Moose Lodge) located at 5927 Concord Boulevard.

- Compliance check took place on September 29th, 2022
- First violation: Employee sold/furnished alcohol to a person under 21 years of age
- Second violation: Employee did not have alcohol server training
- Public Hearing required
- First violation for selling alcohol to a person under age 21. Minimum civil penalty of \$750.00
- Second violation of failing to have alcohol server training. Minimum civil penalty of \$1,000.00 and a one-day suspension will occur on one of the following dates:
 - November 23, 2022
 - December 16, 2022
 - December 23, 2022

Pete Gorder, Moose Lodge Liquor Manager, 5927 Concord Boulevard, stated it was the employee's second day working under supervision. The employee had not been released to work by herself, was in the process of working on the alcohol server training, did not have her certificate, and received it two days later. He was not in favor of double fining. He has been at the Moose Lodge for 15 years; they have never had a violation. He said this is two fines and one closure in one violation. It was ridiculous to him, along with the two busiest dates at the end of the year. He mentioned the Moose Lodge is a non-profit that gives money back to the community. This would take money out of the charities they give to.

Hubert Bauer, past President for the Moose Lodge, 5927 Concord Boulevard, disagrees with the double penalty. He shared that bartenders will now be tips trained before going behind the bar.

Motion by Dietrich to close the Public Hearing at 9:32PM.

Ayes: 5

Nays: 0 Motion carried.

Councilmember Gliva suggested the date of December 16, 2022.

Councilmember Murphy agreed.

Motion by Gliva, second by Dietrich, to approve the Liquor License Violations -- LOOM Lodge 1088, doing business as Moose Lodge #1088 with the civil penalties as presented along with the date of December 16th, 2022 being chosen for the one-day suspension. Resolution 2022-258.

Ayes: 5

Nays: 0 Motion carried.

G. Liquor License Violation -- Monai LLC, doing business as A & M Liquor. Resolution 2022-259

Police Chief Chiodo discussed the Liquor License Violation -- Monai LLC, doing business as A & M Liquor located at 5709 Carmen Avenue.

- Compliance check took place on August 31st, 2022
- First violation: Employee sold/furnished alcohol to a person under 21 years of age
- Second violation: Employee did not have alcohol server training
- Public Hearing required
- First violation for selling alcohol to a person under age 21. Minimum civil penalty of \$750.00
- Second violation of failing to have alcohol server training. Minimum civil penalty of \$1,000.00 and a one-day suspension will occur on one of the following dates:
 - November 23, 2022
 - December 16, 2022
 - December 23, 2022

Councilmember Dietrich requested more information on the certification process, ex: number of hours.

Police Chief Chiodo replied there are a variety of trainings; some do it online or in person. It's what the business chooses. She was unsure of the number of hours. The State requires it be done every three years. The city used to do it every two years but has changed it to three years.

Councilmember Murphy shared that the training takes five hours.

Sharon Hills, Attorney, Dougherty, Molenda, Solfest, Hills & Bauer, represents the Licensee. She said the sole owner/operator is in attendance. She stated that this Licensee wasn't in business at the time this went out to local establishments and was surprised by the notice. There are no employees unless the owner's father (Joy) is at the store with him. On the day of the compliance check, Joy was working, and an out-of-town relative was visiting him at the store. Joy left the store to get food nearby, leaving the relative in the store with instructions to wait to do anything until he returned. The person who sold/served alcohol was not an employee as the Code states; was not authorized to sell. She requested not having the double fine. They asked for mercy.

Motion by Gliva to close the Public Hearing at 9:41PM.

Ayes: 5

Nays: 0 Motion carried.

Mayor Bartholomew requested information on the Code. He said this was not an employee working and that there seemed to be other violations.

City Attorney McCauley Nason responded the language in the Code under Section J indicates "every liquor licensee shall require that anyone who serves or sells any alcoholic beverage must comply with the alcohol server training requirements." The next paragraph reads that "anyone who serves alcohol, or any alcoholic beverage shall complete a program of alcohol server training before they are allowed to serve or sell any alcoholic beverage." In Code prior to that it states, "the liquor license holder is responsible for the conduct/operation of their place of business." She stated the business doors could have been closed with a sign stating, "Back in 5 minutes". The recommendation made by the police department is to treat this business like the other businesses with two compliance check failures.

She mentioned that the resolution should reflect that the individual who sold the alcoholic beverage did not receive the training.

Motion by Murphy, second by Gliva, to approve the Liquor License Violations -- Monai LLC, doing business as A & M Liquor located at 5709 Carmen Avenue, with the civil penalties for the first violation: individual sold/furnished alcohol to a person under 21 years of age and the second violation: individual did not have alcohol server training along with the date of December 16th, 2022 being chosen for the one-day suspension. Resolution 2022-259.

Ayes: 5

Nays: 0 Motion carried.

H. Liquor License Violation - SuperValu Inc., doing business as Cub Wine & Spirits. Resolution 2022-260

Police Chief Chiodo discussed the Liquor License Violation for SuperValu Inc., doing business as Cub Wine & Spirits located at 7804 Cahill Avenue.

- Compliance check took place on August 31st, 2022
- First violation: Employee sold/furnished alcohol to a person under 21 years of age
- Second violation in the last five years.
 - Prior violation took place on July 15th, 2021
 - Prior civil penalty assessed at \$750.00
- Public Hearing required
- Second violation of failing to have alcohol server training. Minimum civil penalty of \$1,000.00 and a one-day suspension will occur on one of the following dates:
 - November 23, 2022
 - December 16, 2022
 - December 23, 2022

Laura Daley, General Counsel and Vice President for Cub Foods, owner/operator of the store. She mentioned that also in attendance are Dan O'Connor, Vice President of Adult Beverages, Chris Bergsten, Vice President of Operations, and Mike Stigers, President, and CEO. All were in attendance to show how seriously they take this violation. She said they are heartbroken this happened. She shared what took place and the changes they have made since the first violation took place.

She mentioned they submitted a letter and wanted to make sure the Council received it. There was also incorrect information attached in the packet, she supplied the correct information with the letter.

She understands the Police Chief recommends dates for suspension. She said the Council retains sole discretion as to when the suspension date should be.

She stated at the time of the first violation, their recommendation was for all cashiers to card anyone who appeared to be under 40 years old. That didn't work. Due to that, a company wide policy was implemented requiring checking all ID's and scanning them into the system regardless of age. The

current violation happened after the new policy was implemented. The employee completed online training. The clerk did as required but received a ""failure"" with the system and didn't do what she was supposed to do.

She suggested picking a date that was less punitive than one of the three busiest days of the year. They felt they have gone above and beyond to try to address the issue and that the Council consider a less punitive date than the recommendations by the Police Chief.

Motion by Gliva to close the Public Hearing at 9:51PM.

Ayes: 5

Nays: 0 Motion carried.

Mayor Bartholomew said he was confused by the dates chosen.

Police Chief Chiodo replied those dates are what has been recommended. She shared, not that she promotes this, but the Council can over-ride the civil penalties and dates selected.

To note: an incorrect attachment for another establishment was attached for this item. The City Clerk sent out the correct information to the Council via email at 4:00 p.m. on Wednesday, December 28th.

Motion by Dietrich, second by Gliva, to accept the correspondence into the record.

Ayes: 5

Nays: 0 Motion carried.

Motion by Murphy, second by Dietrich, to approve the Liquor License Violations -- SuperValu Inc., doing business as Cub Wine & Spirits located at 7804 Cahill Avenue with the civil penalties as presented along with the date of December 16th, 2022 being chosen for the one-day suspension. Resolution 2022-260.

Ayes: 5

Nays: 0 Motion carried.

I. 1st Reading of Ordinance Establishing Development Fees for 2023 & Call for Public Hearing

City Administrator Kris Wilson presented the 1st Reading of an Ordinance Amending Development Fees. This is an annual action of the City Council that is required by State Statute to be completed via Ordinance.

Section 1 – Water Connection Fees. Unique Rates for NWA & Non-NWA

#1 Water Plat Connection Fee – Current:

- Outside the NWA: \$1,480 x density factor of 3.5 x gross acres (regardless of zoning category)
- Inside the NWA: Varies by zone
 - Fee: \$1,370
 - Different density factor for each category of land
 - Multiplied by net developable acres
 - For B-1 and Office Park, B-2, B-3, B-4, I-1, and I-2, P-Institutional, and Mixed Use:
 - Fee: \$1,370
 - Multiplied by a more detailed density factor
 - Each land/zoning category has its own density multiplier

#1 Water Plat Connection Fee – 1st Reading:

The consultant was asked to recommend rates that simplify and streamline the rate structure.

- Outside the NWA: \$1,720 x 3.5 x net developable acres

- Inside the NWA: Fee would be: \$1,435

Water Plat Connection Fee: Decision Points:

1. Same for all zoning classifications? If not, how many zoning groups should there be?
2. How different should NWA rate be from non-NWA rate?
3. How much change do we want to make in one year?

#1 Water Plat Connection Fee - Alternative:

- Makes things more consistent between the inside and outside of the NWA in terms of having the same structures.
- It sets everything as a net developable acre.
- Removes the listing of density factors but sets different rates.
- Presents a more simplified fee structure.

If Council prefers, this alternative rate schedule could be brought back as part of the Ordinance for the 2nd Reading.

Councilmember Dietrich asked if there was a recommendation in the rate study.

City Administrator Wilson replied the consultant gave one but has not given a bound study.

Staff was given slides, spreadsheets, and fee tables. The alternative was provided to staff.

City Administrator Wilson stated alternative fees are challenging to project due to the impacts of changing the fees. They are dependent upon development.

Mayor Bartholomew asked if the alternative rates could be compared to last year's development.

City Administrator Wilson replied staff is working on them. She hoped to have that information for the 2nd Reading.

City Administrator Wilson discussed Unique Rates for NWA & Non-NWA:

#2 Water Building Permit Connection Fees. Paid at the time of Building Permit. 3% increase.

- Outside the NWA: Current - \$980.00 Proposed - \$1,010
- Inside the NWA: Current - \$3,780. Proposed - \$3,900

Proposed for a Single Rate City Wide

#3 Water Treatment Plant per SAC unit (Sewer Access Charge)

- Outside the NWA: \$870
- Inside the NWA: \$810
- Proposed: \$900 for both inside/outside the NWA
 - The change is due to a possible typo that took place leaving the rates different
 - A rate schedule from 2007 was located and the fee was the same city wide at that time

Proposed for a Single Rate City Wide

#4 Water Core Connection Fee. Based off the water service size (or pipe) coming into a unit.

Rates inside the NWA and outside the NWA have become different from each other over the years.

Research suggests this was unintentional as they were originally set to be the same. There are two recommendations:

1. Go back to being the same
2. Change from a water service size to a water meter size and the proportions between the different diameters

Councilmember Piekarski Krech commented that it seemed like a big difference between the old and new. She questioned if they would be able to sustain costs if reducing it that much.

City Administrator Wilson replied fees for the higher amounts are very rare.

Councilmember Murphy asked how water was paid for in the northwest area.

City Administrator Wilson replied it was her understanding that it was a combination. There was a smaller amount of water debt taken on, more was paid for with cash built up in the water fund. Water debt taken on is paid off. The sewer debt extends out several years.

Councilmember Murphy asked if the question about it being legal to change the rates between NWA and non-NWA has been answered.

City Administrator Wilson replied the question had more to do with where the fees would go once collected. There is currently a northwest area fee fund and the remainder fee fund. Staff would like to have a joint account. That money could go toward the highest and best use of the water or sewer system.

Councilmember Murphy asked why there wasn't a recommendation to have non-NWA and NWA be the same.

City Administrator Wilson responded if that was the Council's direction it could be done. They are two separate things. There is the question of how much to charge people and once revenue is received, how segregated they keep and use it. This approach says development in the NWA should pay for itself by reimbursing the city for fronting the money. Staff does not have anything prepared at this time for the separate accounts versus the joint account. That information is being prepared and would come before the Council at a later time.

Councilmember Murphy asked which northwest fund has all the money in it.

City Administrator Wilson replied the revenue coming into the NWA Stormwater Fund has built up a healthy fund. The NWA Sewer Fund is in the red due to debt service payments they haven't been able to make with this fund. Water funds for both have moderate balances.

Councilmember Gliva asked if charging different with NWA and non-NWA separate would get them out of the red and transferring funds back.

City Administrator Wilson replied they could manage the money that way if chosen.

City Administrator Wilson discussed Section 2 - Sanitary Sewer Connection Fees
Unique Rates for NWA & Non-NWA

#5 Sanitary Sewer Plat Connection Fee - Current

- Outside the NWA: \$1,520 x 3.5 x gross acres
- Inside the NWA:
 - Breakdown into 9-10 different zoning classifications
 - Rate of \$2,460
 - Density factor for each classification
 - Use net developable acres

#5 Sanitary Sewer Plat Connection Fee - 1st Reading

- Outside the NWA: Moving to net developable acres. \$1,720
- Inside the NWA: \$2,580, varies by zone

Sanitary Sewer Plat Connection Fee: Decision Points:

1. Same for all zoning classifications? If not, how many zoning groups should there be?
2. How different should NWA rate be from non-NWA rate?
3. How much change would we want to make in one year?

#5 Sanitary Sewer Plat Connection Fee - Alternative:

- Outside the NWA: Net developable acres
 - 3 zoning groups
 - Relationship between the fees is the same, rates are higher in the NWA to repay costs
- Inside the NWA:
- Difference between outside the NWA/inside the NWA:
 - More significant for sanitary sewer. The way it's currently in the Code. The consultant's recommendation does not change this
 - 50% premium paid by those inside the NWA, for water it's a 25% premium

#6 Sanitary Sewer Building Permit Connection Fee. Both per SAC Unit:

- Outside the NWA: Current: \$560 Proposed: \$580
- Inside the NWA: Current: \$6,750 Proposed: \$6,960

Proposed for a Single Rate City Wide
#7 Sewer Core Connection Fee.

- Currently based on sewer service size
- Slightly different rates inside/outside the NWA were determined to be unintentional
- Recommending going to a single rate structure
 - Use the AWA ratios between the different structures
 - Water meter size

City Administrator Wilson discussed Stormwater Connection Fees:

Section 3 & 6 of Proposed Ordinance:

- Different zoning categories
- Fee for net developable acres
- Fees are significantly higher than neighboring cities

Proposed Stormwater Connection Fees:

- Simplification
- 3 or 4 Zoning Districts:
 1. R-1 and R-2
 2. R-3A, R-3B, and R-3C
 3. All other Zoning Districts
 4. Mixed Use Zoning Districts
- There would be fees inside the NWA and outside the NWA

The starting point was setting an R-1 and R-2 connection fee based on data from comparable cities.

The relationship between the zoning classes is a result of different impervious surface maximums in the city's zoning code for different types of land uses.

NWA fees are proposed to be \$7,230 more than non-NWA. The dollar amount comes from the original NWA utility work. These rates are a balance of what other cities are charging.

Section 4 - Trunk Line Assessments for Water & Sewer. Basis for charges when extending into new areas

- Has not been examined in detail as a part of the study
- Proposing a 3% increase for 2023

Staff is trying to determine why they are different. There has been indication that they used to be the same and deviated at some point. Staff will do further research.

- Staff may ask the Council to consider a 2nd Reading that makes the rates uniform

Councilmember Piekarski Krech asked if this was per acre and if it has always been that way.

Public Works Director Brian Connolly replied it has been that way since at least 2004.

Councilmember Piekarski Krech asked where the front footage comes in.

Public Works Director Connolly replied front footage is measured for street improvements.

These are for sewer and water.

Councilmember Piekarski Krech said when she paid her water assessment, she paid trunk line and front footage.

Public Works Director Connolly responded she probably paid a trunk cost and a linear/lateral cost. This gets the sewer to serve the area. The lateral cost gets it to the property line.

Councilmember Piekarski Krech said she does not have water service.

Public Works Director Connolly replied he did not know specifically. It may be how it was assessed when the project was put together.

Councilmember Piekarski Krech said it would be nice to figure out. If going to the B-line sewer, she's off Babcock Trail, there are a lot who do not have access to it but paid the area assessment charge for it.

Public Works Director Connolly replied he has noticed while working on other areas that several parcels were assessed the area charge, but not the local/lateral charge. It's because they are within the sewer shed of what was built, but don't have direct access to it. If in the sewer/watershed with trunk, the lateral cost is if having direct access to the parcel, they could potentially make that connection today.

Section 5 - Land Use Application Fees & Deposits

- Proposed changes are shown in red in the draft ordinance
- There is one city fee staff proposed to be increased
- There is one new fee that is proposed to be added
- Change in how the Abstract Fee is listed.
 - Proposed to be increased in a \$ amount to cover filing fees
 - An Abstract Fee is an add-on if doing certain things that have to be filed against the property
 - Moved to show as an add-on
 - A pass-through cost
- Also shown in red are increases proposed for several escrow accounts based on previous charges incurred
 - Planning staff has recommended some of the initial escrow amounts be increased
 - If there are escrow costs remaining, the balance is returned to the applicant

Section 6 - Effective Date: January 1, 2023

Next Steps:

- 2nd Reading & Public Hearing: Monday, November 28 at 6:00 p.m. in Council Chambers
- 3rd Reading: Monday, December 12, 2022

Requested Action:

- Move to approve the 1st Reading of the Ordinance with an Amended Water Plat Connection Fee of \$1,435 for land inside the Northwest Area (NWA).
- Set a Public Hearing on the proposed ordinance for Monday, November 28, at 6:00 p.m.

Councilmember Murphy stated it was important to show historic examples. He asked if Council could receive a summary of fees that might change, that are paid by residents inside/outside the NWA versus paid by developers.

City Administrator Wilson replied the fees under discussion are paid by developers. The other part of the Utility Rate Study is the rates paid by customers. That does not have to be done by ordinance and does not require three readings. Staff will bring the rate structure forward at the November 28th meeting.

Motion by Dietrich, second by Bartholomew to approve the 1st Reading of Ordinance Establishing Development Fees for 2023 & Call for a Public Hearing to take place at the November 28th, 2022 City Council Meeting at 6:00 p.m.

Ayes: 5

Nays: 0 Motion carried.

7. PUBLIC COMMENT:

George Fell, 1765 Upper 55th Street East, stated he has three items he wishes to discuss and has shared the supporting documentation with the City Clerk. The first item was regarding speeding traffic on the

section of Upper 55th Street between Babcock Trail and South Robert Trail. Since resurfacing, it has become a race track. It's not only the speed, but the noise. He submitted a letter back in July to the Police Chief and City Administrator regarding this. He asked that the Council have recommendations or assistance that can be offered in the New Year.

The second issue is from the October 24th meeting when an increase in utility fees was presented. He said he had the privilege of being the city representative on the Lower Mississippi Eagan/Inver Grove Heights Watershed Management Organization. He stated that in 2017 he shared an outline with the former Public Works Director about how the city can encourage participation with the public through workshops to promote the new types of technology for reducing impervious areas.

He suggested the city look towards being a community that embraces electric vehicles and charging stations. With four dealerships in the city, this should be a city that encourages places to stop and charge those units.

Kelly Kayser, 1953 59th Court East, congratulated the Mayor Elect and thanked Mayor Bartholomew and Councilmember Piekarski Krech for their years of service.

She thought the presentation on stormwater fees at the October 24th meeting was helpful.

8. MAYOR AND COUNCIL COMMENTS:

Mayor Bartholomew shared that the Veterans Day celebration was held at the Memorial Center on November 11th. It was very well attended. He thanked Staff for their hard work and the police department for greeting so well. He said it was regal and emotional. He thanked all that had a hand in making it a memorable day.

City Administrator Wilson stated there will be a Special Meeting to canvas the results of the Election on Thursday, November 17th at 8:30 a.m. in the City Council Chambers.

9. ADJOURN:

Motion to adjourn the meeting at 10:55 p.m.

Ayes: 5

Nays: 0 Motion carried.

Minutes prepared by Recording Secretary Sheri Yourczek

Request for Council Action

SUBJECT: Approval of Disbursements

MEETING DATE: January 9, 2023

ITEM TYPE: Consent Agenda

CONTACT: Ryan Albright, Accounting Technician, 651.450.2515

ACTION REQUESTED

The Council is asked to adopt the attached Resolution, approving disbursements for the period of December 28, 2022 – January 3, 2023.

BACKGROUND

The following chart represents a summary by fund type of the disbursements processed during the period of December 28, 2022 – January 3, 2023. Disbursement details are attached to this memo.

Fund Type	Amount
General Fund	\$552,822.35
Special Revenue	73,209.48
Debt Service	-
Capital Projects	6,620.86
Enterprise	259,417.56
Internal Service	40,436.73
Escrows	738,436.71
Total - All Funds	\$1,670,943.69

FISCAL IMPACT

The disbursements are within adopted budgets for the associated funds or have otherwise been approved by the Council.

RECOMMENDATION

Staff recommends approval of the disbursements as presented.

ATTACHMENTS

1. Resolution
2. Disbursements (12.28.2022 - 1.3.2023)

**DAKOTA COUNTY
CITY INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

RESOLUTION NO. _____

RESOLUTION APPROVING DISBURSEMENTS FOR THE PERIOD OF

December 28, 2022 – January 3, 2023

WHEREAS a detailed listing of disbursements for the period of December 28, 2022 – January 3, 2023, was presented to the council for approval.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF INVER GROVE HEIGHTS, MINNESOTA, that payment of the disbursements for the following fund types are approved:

Fund Type	Amount
General Fund	\$552,822.35
Special Revenue	73,209.48
Debt Service	-
Capital Projects	6,620.86
Enterprise	259,417.56
Internal Service	40,436.73
Escrows	738,436.71
Total - All Funds	\$1,670,943.69

Adopted this 9th day of January 2023 by the City Council of Inver Grove Heights, MN

Brenda Dietrich, Mayor

ATTEST:

Rebecca Kiernan, City Clerk



City of Inver Grove Heights

Expense Approval Report By Fund

Payment Dates 12/28/2022 - 1/3/2023

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
Fund: 101 - GENERAL FUND					
DAKOTA CTY FIRE CHIEFS ASSN	02/17/2022	12/29/2022	2022 annual dues	101.42.4200.423.50070	100.00
UNIFIRST CORPORATION	900730958	12/30/2022	Streets Uniform	101.43.5200.443.60045	36.54
UNIFIRST CORPORATION	900730958	12/30/2022	park uniform	101.44.6000.451.60045	15.93
HOLMES DESIGN, INC.	5423	12/30/2022	Parks marketing coord	101.41.1300.413.30700	2,985.00
ST. PAUL PIONEER PRESS	1122572521	12/30/2022	Liquor Renewal Notice	101.41.1100.413.50025	14.10
ST. PAUL PIONEER PRESS	1122572521	12/30/2022	Development Fees Notice	101.41.1100.413.50025	14.57
ST. PAUL PIONEER PRESS	1122572521	12/30/2022	Notice of Pct & Sample Ballot	101.41.1200.414.50025	197.40
STERLING CODIFIERS	21580	12/30/2022	Annual Fee - Codification Web ...	101.41.1100.413.50070	500.00
ELLIE FAMILY SERVICIS PLLP	12_22_2022_BM	12/30/2022	Annual Wellness Check	101.42.4000.421.30700	6,720.00
MN GLOVE & SAFETY, INC.	339058	12/30/2022	Street Lead Gear	101.43.5200.443.60045	119.90
TDS METROCOM	12/13/2022	12/30/2022	Analog phones	101.47.1400.413.50020	175.05
LOCAL GOVERNMENT INFORM...	53049	12/30/2022	LOGIS Helpdesk	101.47.1400.413.30700	162.50
GRACE CHURCH OF THE NAZAR...	12/14/2022	12/30/2022	2022 Stipend	101.41.1200.414.40065	200.00
EMANUAL LUTHERN CHURCH	12/14/2022	12/30/2022	2022 Stipend	101.41.1200.414.40065	200.00
INVER HILLS CHURCH	12/14/2022	12/30/2022	2022 Stipend	101.41.1200.414.40065	200.00
GOOD SHEPHERD LUTHERAN C...	12/14/2022	12/30/2022	2022 Stipend	101.41.1200.414.40065	200.00
WOODCREST CHURCH	12/14/2022	12/30/2022	2022 Stipend	101.41.1200.414.40065	200.00
AMAZING GRACE LUTHERN CH...	12/14/2022	12/30/2022	2022 Stipend	101.41.1200.414.40065	200.00
BETHESDA LUTHERAN CHURCH	12/14/2022	12/30/2022	2022 Stipend	101.41.1200.414.40065	200.00
SAINT PATRICK'S CATHOLIC CH...	12/14/2022	12/30/2022	2022 Stipend	101.41.1200.414.40065	200.00
FIRST CALVARY BAPTISTCHURCH	12/14/2022	12/30/2022	2022 Stipend	101.41.1200.414.40065	200.00
RIVER HEIGHTS VINEYARD CHU...	12/14/2022	12/30/2022	2022 Stipend	101.41.1200.414.40065	200.00
PRECISE MRM	200-1040297	12/30/2022	GPS Data	101.43.5200.443.30700	110.00
RCM SPECIALTIES, INC.	8799	12/30/2022	Spray Patch High Iron	101.43.5200.443.40046	3,675.00
LOCAL GOVERNMENT INFORM...	53087	12/30/2022	LOGIS Helpdesk	101.47.1400.413.30700	63.40
ASPEN MILLS	305720	12/30/2022	Uniform- Weldon	101.42.4000.421.60045	2,064.07
ASPEN MILLS	305722	12/30/2022	Uniform- Randall	101.42.4000.421.60045	2,356.37
ICMA RETIREMENT TRUST - 457	INV0153683	12/16/2022	457 - ROTH AGE <50 %	101.203.2031400	382.24
ICMA RETIREMENT TRUST - 457	INV0153684	12/16/2022	457 - ROTH AGE <50	101.203.2031400	455.00
ICMA RETIREMENT TRUST - 457	INV0153685	12/16/2022	457 - ROTH AGE 50+	101.203.2031400	225.00
ICMA RETIREMENT TRUST - 457	INV0153686	12/16/2022	457 -AGE <49 %	101.203.2031400	7,866.50
ICMA RETIREMENT TRUST - 457	INV0153687	12/16/2022	457 -AGE 50+	101.203.2031400	5,105.29
ICMA RETIREMENT TRUST - 457	INV0153688	12/16/2022	457 -AGE <49	101.203.2031400	6,516.00
ICMA RETIREMENT TRUST - 457	INV0153689	12/16/2022	457 PLAN -AGE 50+ %	101.203.2031400	1,184.70
AFSCME COUNCIL 5	INV0153691	12/16/2022	UNION DUES (AFSCME FULL SH...	101.203.2031000	914.94
AFSCME COUNCIL 5	INV0153692	12/16/2022	UNION DUES (AFSCME FULL SH...	101.203.2031000	40.36
IGH FIRE RELIEF ASSN	INV0153700	12/16/2022	MEMBERSHIP DUES - FIRE RELIE...	101.203.2031000	399.00
IGH FIRE RELIEF ASSN	INV0153701	12/16/2022	MEMBERSHIP DUES - FIRE RELIE...	101.203.2031000	195.00
MEDSURETY ACH ONLY	INV0153702	12/16/2022	HSA ELECTION-FAMILY	101.203.2032500	3,572.82
MEDSURETY ACH ONLY	INV0153703	12/16/2022	HSA ELECTION-SINGLE	101.203.2032500	5,710.59
PERA	INV0153706	12/16/2022	PERA COORDINATED PLAN	101.203.2030600	48,561.10
PERA	INV0153707	12/16/2022	EMPLOYER SHARE (EXTRA PERA)	101.203.2030600	3,735.43
PERA	INV0153708	12/16/2022	PERA DEFINED PLAN	101.203.2030600	21.92
PERA	INV0153709	12/16/2022	EMPLOYER SHARE (PERA DEFIN...	101.203.2030600	21.92
PERA	INV0153710	12/16/2022	PERA POLICE & FIRE PLAN	101.203.2030600	29,512.07
PERA	INV0153711	12/16/2022	EMPLOYER SHARE (POLICE & FI...	101.203.2030600	44,268.01
ICMA RETIREMENT TRUST - 457	INV0153712	12/16/2022	ROTH IRA (AGE 49 & UNDER)	101.203.2032400	2,963.05
ICMA RETIREMENT TRUST - 457	INV0153713	12/16/2022	ROTH IRA (AGE 50 & OVER)	101.203.2032400	644.23
ICMA RETIREMENT TRUST - 457	INV0153714	12/16/2022	ROTH-AGE <49 %	101.203.2032400	46.34
EFTPS	INV0153715	12/16/2022	FEDERAL WITHHOLDING	101.203.2030200	71,758.08
MN DEPT OF REVENUE (PAYROL...	INV0153716	12/16/2022	STATE WITHHOLDING	101.203.2030300	29,675.46
EFTPS	INV0153717	12/16/2022	MEDICARE WITHHOLDING	101.203.2030500	19,352.80
EFTPS	INV0153718	12/16/2022	SOCIAL SECURITY WITHHOLDING	101.203.2030400	49,310.94

Expense Approval Report

Payment Dates: 12/28/2022 - 1/3/2023

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
ACME TOOLS	10763477	12/30/2022	heat gun and soldering iron	101.42.4200.423.60040	415.00
ASPEN MILLS	35814	12/30/2022	Weldon	101.42.4000.421.60045	179.50
HOLMES DESIGN, INC.	5438	12/30/2022	Park marketing coord	101.41.1300.413.30700	3,000.00
FIRST IMPRESSION GROUP	138603P	12/30/2022	Insights postage	101.41.1300.413.50035	3,025.00
HILLYARD INC	604902252B	12/30/2022	Reissue of lost check #241243	101.42.4200.423.60011	680.54
ICMA RETIREMENT TRUST - 457	CM0004304	12/22/2022	ROTH IRA (AGE 49 & UNDER)	101.203.2032400	-0.02
ING DIRECT	INV0153766	12/23/2022	MSRS-HCSP	101.203.2032200	123,723.73
RENEE DUBS ELLENA	12/27/2022	12/30/2022	insights layout	101.41.1300.413.30700	1,555.00
DAKOTA CTY FINANCIAL SVCS	'00045890	12/30/2022	DBB	101.47.1400.413.40035	1,768.90
DAKOTA CTY FINANCIAL SVCS	'00045960	12/30/2022	Yearly cost - tabulators	101.41.1200.414.60040	8,226.88
TACONIC MAINTENANCE	13706	12/30/2022	Deicing liquid	101.43.5200.443.60016	2,985.00
DAKOTA ELECTRIC ASSN	200001093947 12/22	12/30/2022	Electric	101.43.5400.445.40020	1,474.75
DAKOTA ELECTRIC ASSN	200001093947 12/22	12/30/2022	Electric	101.43.5400.445.40020	1,457.11
DAKOTA ELECTRIC ASSN	200002468379 12/22	12/30/2022	Electric	101.44.6000.451.40020	643.96
DAKOTA ELECTRIC ASSN	200002501658 12/22	12/30/2022	Electric	101.44.6000.451.40020	158.53
DAKOTA ELECTRIC ASSN	200003935632 12/22	12/30/2022	Electric	101.44.6000.451.40020	177.08
DAKOTA ELECTRIC ASSN	200004267134 12/22	12/30/2022	Electric	101.43.5400.445.40020	53.83
DAKOTA ELECTRIC ASSN	200004430542 12/22	12/30/2022	Electric	101.44.6000.451.40020	18.96
DAKOTA ELECTRIC ASSN	200010036635 12/22	12/30/2022	Electric	101.42.4200.423.40020	2,358.76
FIRSTSCRIBE	258903	12/30/2022	ROWAY Application Subscription	101.43.5100.442.40044	250.00
DAKOTA CTY FINANCIAL SVCS	45389	12/30/2022	Streetlights	101.43.5400.445.40020	1,807.00
WELLS FARGO CREDIT CARD ACH	4imprint, Inc Payable, A WF 11/...	12/30/2022	Wells Fargo Purchase Cards	101.43.5100.442.60040	327.91
WELLS FARGO CREDIT CARD ACH	5.11 Tactical Chiodo, Mo WF 11/...	12/30/2022	Wells Fargo Purchase Cards	101.42.4200.423.60045	82.00
WELLS FARGO CREDIT CARD ACH	5.11, Inc. Chiodo, Mo WF 11/22	12/30/2022	Wells Fargo Purchase Cards	101.42.4200.423.60045	67.95
WELLS FARGO CREDIT CARD ACH	5.11, Inc. Chiodo, Mo WF 11/22...	12/30/2022	Wells Fargo Purchase Cards	101.42.4200.423.60045	-58.00
LOCAL GOVERNMENT INFORM...	53014	12/30/2022	Internet	101.47.1400.413.40035	1,896.00
CENTURY LINK	6514510205745 12/7/22	12/30/2022	Internet	101.47.1400.413.40035	70.95
XCEL ENERGY	802857171B	12/30/2022	Parks natural gas charges	101.44.6000.451.40010	70.47
XCEL ENERGY	802857171B	12/30/2022	Parks electric charges	101.44.6000.451.40020	153.95
XCEL ENERGY	806933352	12/30/2022	FD natural gas charges	101.42.4200.423.40010	1,704.83
XCEL ENERGY	806933352	12/30/2022	FD electric charges	101.42.4200.423.40020	1,560.96
XCEL ENERGY	806933352	12/30/2022	Street lighting electric charges	101.43.5400.445.40020	1,493.32
XCEL ENERGY	806933352	12/30/2022	Parks natural gas charges	101.44.6000.451.40010	303.57
XCEL ENERGY	806933352	12/30/2022	Parks electric charges	101.44.6000.451.40020	559.61
XCEL ENERGY	807266405	12/30/2022	FD natural gas charges	101.42.4200.423.40010	3,018.68
XCEL ENERGY	807266405	12/30/2022	FD electric charges	101.42.4200.423.40020	1,474.17
XCEL ENERGY	807266405	12/30/2022	Street lighting electric charges	101.43.5400.445.40020	1,595.50
XCEL ENERGY	807266405	12/30/2022	Parks natural gas charges	101.44.6000.451.40010	616.23
XCEL ENERGY	807266405	12/30/2022	Parks electric charges	101.44.6000.451.40020	869.86
XCEL ENERGY	807266433	12/30/2022	Parks electric charges	101.44.6000.451.40020	193.81
XCEL ENERGY	807449029	12/30/2022	Street lighting electric charges	101.43.5400.445.40020	12,584.31
XCEL ENERGY	807695045	12/30/2022	PD electric	101.42.4000.421.40042	51.09
ST. PAUL PIONEER PRESS	822572521	12/30/2022	Ord 1431 Interim THC Moratori...	101.41.1100.413.50025	55.46
UNIFIRST CORPORATION	900716154	12/30/2022	Street Uniforms	101.43.5200.443.60045	47.14
UNIFIRST CORPORATION	900716154	12/30/2022	Parks Uniforms	101.44.6000.451.60045	15.93
WELLS FARGO CREDIT CARD ACH	Amazon.Com H09mc3622 Mikel...	12/30/2022	Wells Fargo Purchase Cards	101.44.6100.455.60009	97.84
WELLS FARGO CREDIT CARD ACH	Amazon.Com H23a52oy0 Chiod...	12/30/2022	Wells Fargo Purchase Cards	101.42.4200.423.60011	135.44
WELLS FARGO CREDIT CARD ACH	Amazon.Com Hb17j0w01 Chiod...	12/30/2022	Wells Fargo Purchase Cards	101.42.4200.423.60011	37.99
WELLS FARGO CREDIT CARD ACH	Amazon.Com Hi8gl7k52 Gade, ...	12/30/2022	Wells Fargo Purchase Cards	101.47.1400.413.60041	169.99
WELLS FARGO CREDIT CARD ACH	Amazon.Com Hw5nv4nd0 Gade,...	12/30/2022	Wells Fargo Purchase Cards	101.47.1400.413.60041	39.99
WELLS FARGO CREDIT CARD ACH	Amzn Mktp Us H06zh4ai2 Chio...	12/30/2022	Wells Fargo Purchase Cards	101.42.4200.423.60011	34.56
WELLS FARGO CREDIT CARD ACH	Amzn Mktp Us H25ug9lv1 Lee, ...	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.60065	172.46
WELLS FARGO CREDIT CARD ACH	Amzn Mktp Us Hb9wn09x2 Lee,...	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.60065	98.78
WELLS FARGO CREDIT CARD ACH	Amzn Mktp Us Hi1143z30 Lee, ...	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.60065	34.76
WELLS FARGO CREDIT CARD ACH	Amzn Mktp Us Hi1d600w0 Lee, ...	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.60065	44.79
WELLS FARGO CREDIT CARD ACH	Amzn Mktp Us Hi5fw2bq2 Lee, ...	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.60065	98.19
WELLS FARGO CREDIT CARD ACH	Amzn Mktp Us Hi8hr6nq1 Lee, ...	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.60065	38.48
WELLS FARGO CREDIT CARD ACH	Amzn Mktp Us Hi9ma9rq0 Wae...	12/30/2022	Wells Fargo Purchase Cards	101.41.1300.413.60065	31.17
WELLS FARGO CREDIT CARD ACH	Amzn Mktp Us Hz2tm7co0 Wae...	12/30/2022	Wells Fargo Purchase Cards	101.41.1300.413.60065	10.08
WELLS FARGO CREDIT CARD ACH	Amzn Mktp Us Lee, Katri WF 11...	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.60065	-26.28

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Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
WELLS FARGO CREDIT CARD ACH At-A-Glance Us Payable, A WF 1...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.43.5100.442.60065	145.00
WELLS FARGO CREDIT CARD ACH Bca Training Education Lee, Katr...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.50080	250.00
WELLS FARGO CREDIT CARD ACH Bca Training Education Lee, Katr...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.50080	75.00
WELLS FARGO CREDIT CARD ACH Bca Training Education Lee, Katr...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.50080	25.00
WELLS FARGO CREDIT CARD ACH Bca Training Education Lee, Katr...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.50080	25.00
WELLS FARGO CREDIT CARD ACH Bca Training Education Lee, Katr...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.50080	375.00
WELLS FARGO CREDIT CARD ACH Bca Training Education Lee, Katr...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.50080	75.00
WELLS FARGO CREDIT CARD ACH Bp#1681800rogers Bpqps Chio...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.50065	47.12
WELLS FARGO CREDIT CARD ACH Carhartt Kreuser, J WF 11/22	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6000.451.60045	365.19
WELLS FARGO CREDIT CARD ACH Carhartt Sperl, Mik WF 11/22	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6000.451.60045	339.93
WELLS FARGO CREDIT CARD ACH Crown Trophy Bauer, Cor WF 11...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.41.1100.413.30500	15.00
WELLS FARGO CREDIT CARD ACH Cub Foods #1639 Lee, Katri WF ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.60068	17.32
WELLS FARGO CREDIT CARD ACH Department Of Labor An Johns...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.45.3300.419.50070	65.00
WELLS FARGO CREDIT CARD ACH Department Of Labor An Johns...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.45.3300.419.50080	45.00
WELLS FARGO CREDIT CARD ACH Department Of Labor An Johns...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.45.3300.419.50080	85.00
WELLS FARGO CREDIT CARD ACH Department Of Labor An Johns...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.45.3300.419.50080	170.00
WELLS FARGO CREDIT CARD ACH Drkula'S 32 Bowl Vandehoef, W...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6100.455.60009	50.00
WELLS FARGO CREDIT CARD ACH Facebk Gqps3kfjm2 Waegener, ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.45.3000.420.50025	30.00
WELLS FARGO CREDIT CARD ACH Facebk U37mlj7dx2 Looze, Amy...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.41.1300.413.50025	65.76
WELLS FARGO CREDIT CARD ACH Fastsigns 270501 Swoboda, B ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6000.451.60065	169.07
WELLS FARGO CREDIT CARD ACH Fedex Office62000006205 Wonic...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.41.1200.414.60010	38.28
WELLS FARGO CREDIT CARD ACH Fsp Mpstma O'Connor, WF 11/...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6000.451.50080	250.00
WELLS FARGO CREDIT CARD ACH Fun Express Mikel, Rac WF 11/22	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6100.453.60009	351.56
WELLS FARGO CREDIT CARD ACH Fusion Learning Partne Gade, ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.47.1400.413.50080	440.00
WELLS FARGO CREDIT CARD ACH Fusion Learning Partne Payable,...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.43.5100.442.50080	525.00
WELLS FARGO CREDIT CARD ACH Hobby-Lobby #563 Lee, Katri W...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.60068	63.60
WELLS FARGO CREDIT CARD ACH Hobby-Lobby #753 Wonick, Ju ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.41.1000.413.60065	24.98
WELLS FARGO CREDIT CARD ACH Holiday Stations 0045 Winget, ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.50065	5.68
WELLS FARGO CREDIT CARD ACH Holiday Stations 0471 Chiodo, ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.50065	49.69
WELLS FARGO CREDIT CARD ACH Holiday Stations 0479 Chiodo, ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.50065	58.67
WELLS FARGO CREDIT CARD ACH Hy-Vee Eagan 1165 Crary, Amy...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6100.453.60009	110.33
WELLS FARGO CREDIT CARD ACH Iacp Lee, Katri WF 11/22	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.50070	190.00
SAINT PAUL, CITY OF	IN52200	12/30/2022	asphalt	101.43.5200.443.60016	967.30
WELLS FARGO CREDIT CARD ACH Int'L Code Council Inc Chiodo, ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4200.423.50080	700.00
ING DIRECT	INV0154065	12/30/2022	MSRS-HCSP	101.203.2032200	1,927.78
WELLS FARGO CREDIT CARD ACH Inver Grove Heights Ac Kiernan,...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.41.1200.414.60010	55.96
WELLS FARGO CREDIT CARD ACH Inver Grove Heights Ac Ravn, Ky...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6000.451.40040	17.28
WELLS FARGO CREDIT CARD ACH Inver Grove Heights Ac Ravn, Ky...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6000.451.40040	15.98
WELLS FARGO CREDIT CARD ACH Inver Grove Heights Ac Sperl, M...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6000.451.60012	13.99
WELLS FARGO CREDIT CARD ACH Inver Grove Heights Ac Sperl, M...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6000.451.60012	16.90
WELLS FARGO CREDIT CARD ACH Inver Grove Heights Ac Sperl, M...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6000.451.60040	109.99
WELLS FARGO CREDIT CARD ACH Itlpatch.Com Lee, Katri WF 11/...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.60013	290.00
WELLS FARGO CREDIT CARD ACH Jimmy Johns 1436 - Eco Kiernan,...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.41.1200.414.60065	84.19
WELLS FARGO CREDIT CARD ACH Kat-Keys Safe & Lock Madsen, B...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4200.423.60065	165.28
WELLS FARGO CREDIT CARD ACH Kwik Trip 11600011684 Chiodo,...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.50065	42.77
WELLS FARGO CREDIT CARD ACH Kwik Trip 11600011684 Chiodo,...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.50065	22.20
WELLS FARGO CREDIT CARD ACH Kwik Trip 24200002428 Chiodo,...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.50065	57.63
WELLS FARGO CREDIT CARD ACH Lynn Card Company Lee, Katri ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.60068	141.00
WELLS FARGO CREDIT CARD ACH Menards West St Paul M Rema...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6000.451.40040	385.41
WELLS FARGO CREDIT CARD ACH Minnesota Glove & Sa Blackbird...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6000.451.60045	399.80
WELLS FARGO CREDIT CARD ACH Minnesota Glove & Sa Kreuser, J...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6000.451.60045	33.89
WELLS FARGO CREDIT CARD ACH Mn Recreation And Park O'Con...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6000.451.50080	258.00
WELLS FARGO CREDIT CARD ACH Mn Recreation And Park O'Con...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6100.459.50080	129.00
WELLS FARGO CREDIT CARD ACH Neta Lee, Katri WF 11/22	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.30700	381.65
WELLS FARGO CREDIT CARD ACH Newegg Marketplace Gade, Ma...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.47.1400.413.60041	578.44
WELLS FARGO CREDIT CARD ACH Newegg Marketplace Gade, Ma...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.47.1400.413.60041	-497.47
WELLS FARGO CREDIT CARD ACH Nfsa Chiodo, Mo WF 11/22	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4200.423.50070	700.00
WELLS FARGO CREDIT CARD ACH Nfsa Oswald, Sc WF 11/22	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4200.423.50070	350.00
WELLS FARGO CREDIT CARD ACH Paypal Stpaulstamp Kiernan, R...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.41.1000.413.60065	34.33
WELLS FARGO CREDIT CARD ACH Royal Canin Usa Rose, Ryan WF...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.60013	197.02

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WELLS FARGO CREDIT CARD ACH Safety Play Hawkins, J WF 11/22	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6000.451.60012	422.00
WELLS FARGO CREDIT CARD ACH Samsclub #4738 Crary, Amy WF...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6100.453.60009	40.60
WELLS FARGO CREDIT CARD ACH Sherwin Williams 70307 Remac...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6000.451.40040	141.78
WELLS FARGO CREDIT CARD ACH Sherwin Williams 70323 Remac...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6000.451.40040	141.78
WORLD DATA PRODUCTS, INC. SI-420947-033	12/30/2022	12/30/2022	SAN Drives	101.47.1400.413.60041	471.00
WELLS FARGO CREDIT CARD ACH Sq The Apparel Lab Lee, Katri ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.60045	41.00
WELLS FARGO CREDIT CARD ACH Stop Stick Ltd Lee, Katri WF 11/...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.60065	1,034.00
WELLS FARGO CREDIT CARD ACH Target 00025197 Wiederho...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4200.423.60006	19.99
WELLS FARGO CREDIT CARD ACH The Home Depot #2843 Ravn, K...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6000.451.40040	13.68
WELLS FARGO CREDIT CARD ACH The Ups Store 0372 Lee, Katri ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.50035	53.31
WELLS FARGO CREDIT CARD ACH Tractor-Supply-Co #019 Reller, ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.43.5200.443.60040	35.45
WELLS FARGO CREDIT CARD ACH Tractor-Supply-Co #019 Sander...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.44.6000.451.60045	159.96
WELLS FARGO CREDIT CARD ACH Uber Trip Oswald, Sc WF 11/22...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4200.423.50065	-32.35
WELLS FARGO CREDIT CARD ACH Wal-Mart #5089 Rosendale, WF...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4200.423.60011	119.64
WELLS FARGO CREDIT CARD ACH World Data Products Gade, Mar...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.47.1400.413.60041	471.00
WELLS FARGO CREDIT CARD ACH Zoom.us 888-799-9666 Chiodo,...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.30700	14.99
WELLS FARGO CREDIT CARD ACH Zoom.us 888-799-9666 Gade, ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.47.1400.413.40035	29.98
WELLS FARGO CREDIT CARD ACH Zoom.us 888-799-9666 Gade, ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.47.1400.413.40035	29.98
WELLS FARGO CREDIT CARD ACH Zoom.us 888-799-9666 Lee, Kat...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	101.42.4000.421.30700	11.99
Fund 101 - GENERAL FUND Total:					552,822.35
Fund: 201 - C.V.B. FUND					
WELLS FARGO CREDIT CARD ACH Google Gsuite_Visitig Satre, Eri...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	201.44.1600.465.50025	18.00
WELLS FARGO CREDIT CARD ACH Google Ads8715259637 Satre, E...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	201.44.1600.465.50025	79.26
WELLS FARGO CREDIT CARD ACH Mailchimp Misc Satre, Eri WF ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	201.44.1600.465.50025	23.00
Fund 201 - C.V.B. FUND Total:					120.26
Fund: 205 - COMMUNITY CENTER					
DIVERSIFIED CONSTRUCTION	22292	12/30/2022	Replace lockers in Grove Locker ..	205.44.6200.453.80200	11,482.00
2ND WIND EXERCISE, INC.	21-072165	12/30/2022	repair work	205.44.6200.453.40042	276.50
TDS MEDIA DIRECT, INC.	89117	12/30/2022	Americinn room directories ad	205.44.6200.453.50025	230.00
GRAINGER	9543140819	12/30/2022	plumbing repair supplies	205.44.6200.453.40040	284.12
GRAINGER	9543140827	12/30/2022	air filters	205.44.6200.453.60016	109.20
GRAINGER	9544159115	12/30/2022	replacement showerheads	205.44.6200.453.60016	121.68
GRAINGER	9544469845	12/30/2022	buckets	205.44.6200.453.60040	111.50
TWIN SOURCE SUPPLY	500873	12/30/2022	cleaning supplies	205.44.6200.453.60011	1,395.53
TWIN SOURCE SUPPLY	500873	12/30/2022	cleaning supplies	205.44.6200.453.60011	1,395.54
GARTNER REFRIGERATION & M...	12448445	12/30/2022	Compressor 2 repairs	205.44.6200.453.40040	3,172.79
XCEL ENERGY	806933352	12/30/2022	Aquatic center natural gas char...	205.44.6200.453.40010	8,786.64
XCEL ENERGY	807266405	12/30/2022	Aquatic center natural gas char...	205.44.6200.453.40010	11,038.24
XCEL ENERGY	807266433	12/30/2022	51-4779167-3	205.44.6200.453.40010	6,409.18
XCEL ENERGY	807266433	12/30/2022	Ice arena load profile electric	205.44.6200.453.40020	14,238.85
XCEL ENERGY	807266433	12/30/2022	Aquatic center electric charges	205.44.6200.453.40020	11,278.73
GRAINGER	9534024055	12/30/2022	soap dishes	205.44.6200.453.60016	39.92
WELLS FARGO CREDIT CARD ACH Amazon.Com Hw4jx8y62 Roach...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	243.20
WELLS FARGO CREDIT CARD ACH American Red Cross Abrahams...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60018	105.00
WELLS FARGO CREDIT CARD ACH Amzn Mktp Us H052v29a2 Roa...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	106.88
WELLS FARGO CREDIT CARD ACH Amzn Mktp Us H07zq5m32 Roa...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	62.12
WELLS FARGO CREDIT CARD ACH Amzn Mktp Us H21l68hc0 Roac...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	15.59
WELLS FARGO CREDIT CARD ACH Amzn Mktp Us H23lo60q0 Roac...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	36.67
WELLS FARGO CREDIT CARD ACH Amzn Mktp Us H28t37x51 Roac...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	35.03
WELLS FARGO CREDIT CARD ACH Amzn Mktp Us H28y635z1 Stier...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	21.98
WELLS FARGO CREDIT CARD ACH Amzn Mktp Us Hb1og0ah2 Roa...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	89.99
WELLS FARGO CREDIT CARD ACH Amzn Mktp Us Hb6m33871 Stie...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	40.42
WELLS FARGO CREDIT CARD ACH Amzn Mktp Us Hi6892qq0 Roac...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	16.99
WELLS FARGO CREDIT CARD ACH Amzn Mktp Us Hofmeister WF ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	-28.58
WELLS FARGO CREDIT CARD ACH Department Of Labor An Roach...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.50070	14.00
WELLS FARGO CREDIT CARD ACH Department Of Labor An Roach...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.50070	-14.00
WELLS FARGO CREDIT CARD ACH Hawkins Inc O'Connor, WF 11/...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60024	4,613.24
WELLS FARGO CREDIT CARD ACH Hawkins Inc O'Connor, WF 11/...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60024	-4,613.24
WELLS FARGO CREDIT CARD ACH Mn Recreation And Park O'Con...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.50080	129.00
WELLS FARGO CREDIT CARD ACH Sams Club #4736 Abrahamson ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	261.81

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WELLS FARGO CREDIT CARD ACH Sams Club #4738 Abrahamson ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	155.69
WELLS FARGO CREDIT CARD ACH Samsclub #4738 Crary, Amy WF...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	44.83
WELLS FARGO CREDIT CARD ACH Sp Wristbands.Com Abrahamso...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	396.76
WELLS FARGO CREDIT CARD ACH The Home Depot #2843 Bodsbe...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	75.10
WELLS FARGO CREDIT CARD ACH The Home Depot #2843 Bodsbe...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	75.10
WELLS FARGO CREDIT CARD ACH The Home Depot #2843 Bodsbe...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	40.12
WELLS FARGO CREDIT CARD ACH The Home Depot #2843 Todd, P...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.40040	30.97
WELLS FARGO CREDIT CARD ACH The Home Depot #2843 Todd, P...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60016	28.82
WELLS FARGO CREDIT CARD ACH The Home Depot #2843 Todd, P...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60016	28.82
WELLS FARGO CREDIT CARD ACH Turitto S Pizza Abrahamson WF ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60065	291.50
WELLS FARGO CREDIT CARD ACH Zumba Fitness Crary, Amy WF 1...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	205.44.6200.453.60018	38.99
Fund 205 - COMMUNITY CENTER Total:					72,713.22
Fund: 290 - EDA OPERATING					
WELLS FARGO CREDIT CARD ACH Economic Development A Rand,...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	290.45.3000.419.50080	350.00
WELLS FARGO CREDIT CARD ACH U Of M Parking Rand, Heat WF ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	290.45.3000.419.50065	13.00
WELLS FARGO CREDIT CARD ACH U Of M Parking Rand, Heat WF ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	290.45.3000.419.50065	13.00
Fund 290 - EDA OPERATING Total:					376.00
Fund: 402 - PARK ACQ. & DEV. FUND					
HOISINGTON KOEGLER GROUP ... 020-057-18	12/30/2022	12/30/2022	Final svcs billing for Vista Pines	402.44.6000.451.30700	731.64
Fund 402 - PARK ACQ. & DEV. FUND Total:					731.64
Fund: 440 - PAVEMENT MGMT-LOCAL STREETS					
SHORT ELLIOTT HENDRICKSON, ... 438369	12/30/2022	12/30/2022	Cheney/Coffman Path Area Reh...	440.74.5900.740.30300	1,395.61
SHORT ELLIOTT HENDRICKSON, ... 438370	12/30/2022	12/30/2022	Bolland/62nd Street Rehab	440.74.5900.740.30300	1,395.61
DAVIDS HYDRO VAC INC 220028361	12/30/2022	12/30/2022	Hydro Vac Pot-Holing for Utilitie...	440.74.5900.740.30300	1,351.36
DAVIDS HYDRO VAC INC 220028361	12/30/2022	12/30/2022	Hydro Vac Pot-Holing for Utilitie...	440.74.5900.740.30300	1,351.37
ST. PAUL PIONEER PRESS 822572521	12/30/2022	12/30/2022	PH SA - 2019-09F	440.74.5900.740.50025	270.72
Fund 440 - PAVEMENT MGMT-LOCAL STREETS Total:					5,764.67
Fund: 441 - STORM WATER OPERATING					
KIMLEY-HORN & ASSOCIATES, L... 23267144	12/30/2022	12/30/2022	MS4 Updates	441.74.5900.741.30300	847.99
XCEL ENERGY 806933352	12/30/2022	12/30/2022	Storm water electric charges	441.74.5900.741.40020	447.37
XCEL ENERGY 807266405	12/30/2022	12/30/2022	Storm water electric charges	441.74.5900.741.40020	788.99
Fund 441 - STORM WATER OPERATING Total:					2,084.35
Fund: 448 - STORM WATER CAPITAL-NWA					
KIMLEY-HORN & ASSOCIATES, L... 23267170	12/30/2022	12/30/2022	Argenta Trail Drainage	448.74.5900.748.30300	7,547.72
Fund 448 - STORM WATER CAPITAL-NWA Total:					7,547.72
Fund: 453 - SE QUADRANT TIF DIST 4-1					
ST. PAUL PIONEER PRESS 822572521	12/30/2022	12/30/2022	TIF Annual Disclosure	453.57.9000.570.50025	124.55
Fund 453 - SE QUADRANT TIF DIST 4-1 Total:					124.55
Fund: 501 - WATER OPERATING FUND					
GOPHER STATE ONE-CALL 2110489	12/30/2022	12/30/2022	locates	501.50.7100.512.30700	324.00
RON CLARK CONSTRUCTION 12/14/2022	12/30/2022	12/30/2022	Les: sales tax - permit #2216	501.207.2070300	-21.95
RON CLARK CONSTRUCTION 12/14/2022	12/30/2022	12/30/2022	Refund hydrant permit #2216	501.227.2270100	1,500.00
RON CLARK CONSTRUCTION 12/14/2022	12/30/2022	12/30/2022	Less: hydrant usage - permit #2...	501.50.0000.3813000	-308.00
FIRST IMPRESSION GROUP 138030	12/30/2022	12/30/2022	#10 Window Envelopes (50% of...	501.50.7100.512.60010	430.86
MAX STEININGER, INC. 12/20/2022	12/30/2022	12/30/2022	less: sales tax - permit #2209	501.207.2070300	-38.19
MAX STEININGER, INC. 12/20/2022	12/30/2022	12/30/2022	Refund hydrant permit #2209	501.227.2270100	1,500.00
MAX STEININGER, INC. 12/20/2022	12/30/2022	12/30/2022	less: hydrant usage - permit #2...	501.50.0000.3813000	-536.04
MCNAMARA CONTRACTING INC 12/6/2022	12/30/2022	12/30/2022	Less: sales tax - permit #2212	501.207.2070300	-36.24
MCNAMARA CONTRACTING INC 12/6/2022	12/30/2022	12/30/2022	Refund hydrant permit #2218	501.227.2270100	1,500.00
MCNAMARA CONTRACTING INC 12/6/2022	12/30/2022	12/30/2022	Less: hydrant usage - permit #2...	501.50.0000.3813000	-508.58
VALLEY-RICH CO, INC 31554	12/30/2022	12/30/2022	main break	501.50.7100.512.40046	4,687.83
SHERWIN-WILLIAMS CO. 5120-0	12/30/2022	12/30/2022	Paint for WTP	501.50.7100.512.60016	609.60
XCEL ENERGY 806933352	12/30/2022	12/30/2022	Water electric charges	501.50.7100.512.40020	28,146.27
XCEL ENERGY 806933352 CR	12/30/2022	12/30/2022	Water natural gas charges	501.50.7100.512.40010	-9,031.95
XCEL ENERGY 807266405	12/30/2022	12/30/2022	Water natural gas charges	501.50.7100.512.40010	2,513.63
XCEL ENERGY 807266405	12/30/2022	12/30/2022	Water electric charges	501.50.7100.512.40020	20,086.18
WELLS FARGO CREDIT CARD ACH Amzn Mktp Us Johnson, M WF ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	501.50.7100.512.60065	-189.00
WELLS FARGO CREDIT CARD ACH Mc Crometer Corp Gubash, Sc ...	12/30/2022	12/30/2022	Wells Fargo Purchase Cards	501.50.7100.512.40043	371.69

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WELLS FARGO CREDIT CARD ACH The Home Depot #2843 Gubash,,	12/30/2022		Wells Fargo Purchase Cards	501.50.7100.512.60016	265.88
WELLS FARGO CREDIT CARD ACH The Ups Store 0372 Gubash, Sc...	12/30/2022		Wells Fargo Purchase Cards	501.50.7100.512.40043	34.55
WELLS FARGO CREDIT CARD ACH The Ups Store 0372 Gubash, Sc...	12/30/2022		Wells Fargo Purchase Cards	501.50.7100.512.40043	227.58
WELLS FARGO CREDIT CARD ACH Usps Po 2688010540 Johnson, ...	12/30/2022		Wells Fargo Purchase Cards	501.50.7100.512.75500	21.10
Fund 501 - WATER OPERATING FUND Total:					51,549.22
Fund: 502 - SEWER OPERATING FUND					
MN GLOVE & SAFETY, INC.	339099	12/30/2022	Uniforms	502.51.7200.514.60045	116.97
FIRST IMPRESSION GROUP	138030	12/30/2022	#10 Window Envelopes (50% of...	502.51.7200.514.60010	430.86
METROPOLITAN COUNCIL	1148939	12/30/2022	Waste water services	502.51.7200.514.40015	181,505.90
TOTAL TOOL SUPPLY, INC	1533610	12/30/2022	tool repair	502.51.7200.514.60040	115.39
DAKOTA ELECTRIC ASSN	200010048618 12/22	12/30/2022	Electric	502.51.7200.514.40020	164.42
XCEL ENERGY	806933352	12/30/2022	Sewer natural gas charges	502.51.7200.514.40010	255.62
XCEL ENERGY	806933352	12/30/2022	Sewer electric charges	502.51.7200.514.40020	1,657.29
XCEL ENERGY	807266405	12/30/2022	Sewer natural gas charges	502.51.7200.514.40010	374.06
XCEL ENERGY	807266405	12/30/2022	Sewer electric charges	502.51.7200.514.40020	1,535.07
WELLS FARGO CREDIT CARD ACH Sq T&T Tools, Inc. Johnson, M ...	12/30/2022		Wells Fargo Purchase Cards	502.51.7200.514.60065	210.00
WELLS FARGO CREDIT CARD ACH Tractor-Supply-Co #019 Johnson..	12/30/2022		Wells Fargo Purchase Cards	502.51.7200.514.60065	29.48
Fund 502 - SEWER OPERATING FUND Total:					186,395.06
Fund: 503 - INVER WOOD GOLF COURSE					
TITLEIST	914695806	12/30/2022	golf balls for resale	503.52.8200.523.76450	52.00
BERGERSON-CASWELL INC	32093	12/30/2022	Irrigation system blow out	503.52.8600.527.40050	1,757.50
UNIFIRST CORPORATION	900737815	12/30/2022	uniforms/shop towels	503.52.8600.527.60045	130.57
DAKOTA ELECTRIC ASSN	200002013605 12/22	12/30/2022	Electric	503.52.8600.527.40020	291.10
WELLS FARGO CREDIT CARD ACH 4up Inverwood Moynihan, WF ...	12/30/2022		Wells Fargo Purchase Cards	503.52.8500.526.70600	2.00
WELLS FARGO CREDIT CARD ACH 4up Inverwood Moynihan, WF ...	12/30/2022		Wells Fargo Purchase Cards	503.52.8500.526.70600	2.00
WELLS FARGO CREDIT CARD ACH 4up Inverwood Moynihan, WF ...	12/30/2022		Wells Fargo Purchase Cards	503.52.8500.526.70600	-2.00
WELLS FARGO CREDIT CARD ACH 4up Inverwood Moynihan, WF ...	12/30/2022		Wells Fargo Purchase Cards	503.52.8500.526.70600	-2.00
XCEL ENERGY	806933352	12/30/2022	GC natural gas charges	503.52.8500.526.40010	85.84
XCEL ENERGY	806933352	12/30/2022	GC electric charges	503.52.8500.526.40020	1,229.23
XCEL ENERGY	806933352	12/30/2022	GC maintenance natural gas cha..	503.52.8600.527.40010	166.77
XCEL ENERGY	806933352	12/30/2022	GC maintenance electric charges	503.52.8600.527.40020	4,895.70
XCEL ENERGY	807266405	12/30/2022	GC natural gas charges	503.52.8500.526.40010	138.75
XCEL ENERGY	807266405	12/30/2022	GC electric charges	503.52.8500.526.40020	888.84
XCEL ENERGY	807266405	12/30/2022	GC maintenance natural gas cha..	503.52.8600.527.40010	536.69
XCEL ENERGY	807266405	12/30/2022	GC maintenance electric charges	503.52.8600.527.40020	802.57
WELLS FARGO CREDIT CARD ACH Cub Foods #1695 Moynihan, W...	12/30/2022		Wells Fargo Purchase Cards	503.52.8300.524.76050	9.96
WELLS FARGO CREDIT CARD ACH Napa Store 3279003 Lage, Timo...	12/30/2022		Wells Fargo Purchase Cards	503.52.8600.527.40042	247.56
WELLS FARGO CREDIT CARD ACH Sams Club #4738 Moynihan, W...	12/30/2022		Wells Fargo Purchase Cards	503.52.8500.526.70600	22.47
WELLS FARGO CREDIT CARD ACH Sentext Solutions Moynihan, ...	12/30/2022		Wells Fargo Purchase Cards	503.52.8500.526.50025	168.50
WELLS FARGO CREDIT CARD ACH Target 00025197 Moynihan,...	12/30/2022		Wells Fargo Purchase Cards	503.52.8500.526.60010	16.26
WELLS FARGO CREDIT CARD ACH The Home Depot #2845 Lage, T...	12/30/2022		Wells Fargo Purchase Cards	503.52.8600.527.60012	42.96
WELLS FARGO CREDIT CARD ACH Tractor-Supply-Co #019 Lage, T...	12/30/2022		Wells Fargo Purchase Cards	503.52.8600.527.60021	171.01
WELLS FARGO CREDIT CARD ACH Twin City Saw & Servic Metz, Jo...	12/30/2022		Wells Fargo Purchase Cards	503.52.8600.527.60040	122.93
WELLS FARGO CREDIT CARD ACH Twin City Saw & Servic Metz, Jo...	12/30/2022		Wells Fargo Purchase Cards	503.52.8600.527.60040	64.00
Fund 503 - INVER WOOD GOLF COURSE Total:					11,841.21
Fund: 602 - RISK MANAGEMENT					
HEPPNER'S AUTO BODY	48449	12/30/2022	Squad Repairs	602.00.2100.415.40048	15,507.45
Fund 602 - RISK MANAGEMENT Total:					15,507.45
Fund: 603 - CENTRAL EQUIPMENT					
INVER GROVE FORD	11/14/2022	12/30/2022	#2001 Unmarked squad	603.00.5300.444.40041	443.97
UNIFIRST CORPORATION	900730958	12/30/2022	Other supplies	603.00.5300.444.40065	120.46
UNIFIRST CORPORATION	900730958	12/30/2022	CE Uniform	603.00.5300.444.60045	32.62
NUSS TRUCK AND EQUIPMENT	2464	12/30/2022	New roller	603.00.5300.444.80800	37,175.00
SYN-TECH SYSTEMS	258798	12/30/2022	Fuel System	603.00.5300.444.40040	1,275.00
INVER GROVE FORD	5322843	12/30/2022	#2030 Squad car brake parts	603.00.5300.444.40041	225.98
ZARNOTH BRUSH WORKS	0191851-IN	12/30/2022	Sidewalk machine	603.00.5300.444.80400	515.90
NORTH AMERICAN TRAILER SAL... 30004198653	12/30/2022		Trailer tiedown	603.00.5300.444.40041	130.12
NORTH AMERICAN TRAILER SAL... 30004198667	12/30/2022		Trailer loadbinder	603.00.5300.444.40041	114.98
LITTLE FALLS MACHINE INC	365581	12/30/2022	Dump truck parts	603.00.5300.444.40041	3,544.84

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LITTLE FALLS MACHINE INC	365602	12/30/2022	Dump truck parts	603.00.5300.444.40041	252.96
INVER GROVE FORD	5322926	12/30/2022	Pickup pulley and tensioner	603.00.5300.444.40041	102.25
ZIEGLER INC	IN0007852521	12/30/2022	Loader purchase	603.00.5300.444.80400	6,100.00
FERRELLGAS	RNT9593087	12/30/2022	342 Hot Box	603.00.5300.444.40042	12.00
INVER GROVE FORD	5323027	12/30/2022	Squad car spark plug	603.00.5300.444.40041	25.74
INVER GROVE FORD	5323028	12/30/2022	Pickup tension pull kit	603.00.5300.444.40041	24.04
INVER GROVE FORD	5323056	12/30/2022	Pickup link asy	603.00.5300.444.40041	268.08
GRAINGER	9525609708	12/30/2022	toilet parts	603.00.5300.444.40040	59.00
THE REINALT- THOMAS CORPO...	6189178	12/30/2022	Unmarked squad tires	603.00.5300.444.60014	889.20
L.T.G. POWER EQUIPMENT	273238	12/30/2022	Mower spacer	603.00.5300.444.40042	107.60
WORLD FUEL SERVICES	329989508714-41801	12/30/2022	Dump Truck exhaust fluid	603.00.5300.444.40041	199.70
TOWMASTER TRAILERS INC	454990	12/30/2022	324 Dump truck tubing plastic	603.00.5300.444.40041	13.89
I-STATE TRUCK CENTER	C242800592-01	12/30/2022	Sweeper parts	603.00.5300.444.40041	632.02
MACQUEEN EMERGENCY GRO...	W04735	12/30/2022	Fire Truck repairs	603.00.5300.444.40041	1,792.25
WORLD FUEL SERVICES	332164518919-41801	12/30/2022	306 DEF Fluid Loader	603.00.5300.444.40042	199.70
WORLD FUEL SERVICES	332191250888-41801	12/30/2022	Stock washer fluid	603.140.1450050	131.45
WORLD FUEL SERVICES	332512034516-41801	12/30/2022	Stock ATF	603.140.1450050	910.14
TOWMASTER TRAILERS INC	455435	12/30/2022	311 Dump Truck harness	603.00.5300.444.40041	90.73
TOWMASTER TRAILERS INC	455447	12/30/2022	Stock	603.140.1450050	230.59
INVER GROVE FORD	6380905	12/30/2022	#2027 Squad car engine repair	603.00.5300.444.40041	1,565.58
POMP'S TIRE SERVICE, INC.	980101263	12/30/2022	502 Parks pickup transforc	603.00.5300.444.60014	594.52
NUSS TRUCK AND EQUIPMENT	4733806P	12/30/2022	323 Dump Truck idler pulley	603.00.5300.444.40041	397.36
KIMBALL MIDWEST	100547122	12/30/2022	Shop supplies	603.00.5300.444.60012	77.13
METRO JANITORIAL SUPPLY INC	11015816	12/30/2022	Shop Supplies	603.00.5300.444.60012	217.53
FERRELLGAS	1121023214	12/30/2022	Forklift	603.00.5300.444.40042	62.00
INVER GROVE FORD	12/5/2022	12/30/2022	#2026 Squad	603.00.5300.444.40041	883.62
EMERGENCY APPARATUS MAIN...	125190	12/30/2022	Fire truck gauge	603.00.5300.444.40041	557.33
FACTORY MOTOR PARTS COMP...	1-8212915	12/30/2022	Stock filters	603.140.1450050	45.12
FACTORY MOTOR PARTS COMP...	1-231178	12/30/2022	Stock Battery	603.140.1450050	518.28
WASTE OIL HEATERS, INC.	3640	12/30/2022	pump screen repairs	603.00.5300.444.40040	320.00
NUSS TRUCK AND EQUIPMENT	4037345	12/30/2022	Dump Truck general repairs	603.00.5300.444.40041	454.75
XCEL ENERGY	806933352	12/30/2022	PW natural gas charges	603.00.5300.444.40010	218.95
XCEL ENERGY	806933352	12/30/2022	PW electric charges	603.00.5300.444.40020	1,967.26
XCEL ENERGY	807266405	12/30/2022	PW natural gas charges	603.00.5300.444.40010	831.88
XCEL ENERGY	807266405	12/30/2022	PW electric charges	603.00.5300.444.40020	2,052.20
UNIFIRST CORPORATION	900716154	12/30/2022	other supplies	603.00.5300.444.40065	131.66
UNIFIRST CORPORATION	900716154	12/30/2022	CE Uniforms	603.00.5300.444.60045	47.22
POMP'S TIRE SERVICE, INC.	980100919	12/30/2022	Stock Squad	603.140.1450050	1,834.92
POMP'S TIRE SERVICE, INC.	980101011	12/30/2022	405 Utility truck transforc	603.00.5300.444.60014	594.52
WELLS FARGO CREDIT CARD ACH	A&J Outdoor Power, Llc Jackson...	12/30/2022	Wells Fargo Purchase Cards	603.00.5300.444.40041	36.65
WELLS FARGO CREDIT CARD ACH	A&J Outdoor Power, Llc Jackson...	12/30/2022	Wells Fargo Purchase Cards	603.00.5300.444.40041	701.99
WELLS FARGO CREDIT CARD ACH	Astleford Internationa Jackson, J..	12/30/2022	Wells Fargo Purchase Cards	603.00.5300.444.40041	287.12
CUMMINS INC.	E4-55573	12/30/2022	Sweeper cap filler	603.00.5300.444.40041	46.05
WELLS FARGO CREDIT CARD ACH	Fedex Offic62000006205 Jacks...	12/30/2022	Wells Fargo Purchase Cards	603.00.5300.444.60010	121.51
WELLS FARGO CREDIT CARD ACH	O'Reilly Auto Parts 17 Jackson, R..	12/30/2022	Wells Fargo Purchase Cards	603.00.5300.444.40041	4.20
WELLS FARGO CREDIT CARD ACH	O'Reilly Auto Parts 17 Jackson, R..	12/30/2022	Wells Fargo Purchase Cards	603.00.5300.444.40041	7.63
WELLS FARGO CREDIT CARD ACH	O'Reilly Auto Parts 17 Jackson, R..	12/30/2022	Wells Fargo Purchase Cards	603.00.5300.444.40041	10.30
WELLS FARGO CREDIT CARD ACH	O'Reilly Auto Parts 17 Jackson, R..	12/30/2022	Wells Fargo Purchase Cards	603.00.5300.444.40041	30.92
WELLS FARGO CREDIT CARD ACH	O'Reilly Auto Parts 17 Jackson, R..	12/30/2022	Wells Fargo Purchase Cards	603.00.5300.444.40041	14.09
WELLS FARGO CREDIT CARD ACH	O'Reilly Auto Parts 17 Jackson, R..	12/30/2022	Wells Fargo Purchase Cards	603.00.5300.444.40041	41.00
WELLS FARGO CREDIT CARD ACH	O'Reilly Auto Parts 17 Jackson, R..	12/30/2022	Wells Fargo Purchase Cards	603.00.5300.444.40042	22.98
WELLS FARGO CREDIT CARD ACH	O'Reilly Auto Parts 17 Jackson, R..	12/30/2022	Wells Fargo Purchase Cards	603.00.5300.444.40042	101.91
WELLS FARGO CREDIT CARD ACH	O'Reilly Auto Parts 17 Jackson, R..	12/30/2022	Wells Fargo Purchase Cards	603.00.5300.444.60012	23.98
WELLS FARGO CREDIT CARD ACH	O'Reilly Auto Parts 17 Jackson, R..	12/30/2022	Wells Fargo Purchase Cards	603.00.5300.444.60012	55.98
WELLS FARGO CREDIT CARD ACH	O'Reilly Auto Parts 17 Jackson, R..	12/30/2022	Wells Fargo Purchase Cards	603.00.5300.444.60012	38.78
WELLS FARGO CREDIT CARD ACH	O'Reilly Auto Parts 17 Jackson, R..	12/30/2022	Wells Fargo Purchase Cards	603.140.1450050	80.72
WELLS FARGO CREDIT CARD ACH	O'Reilly Auto Parts 17 Jackson, R..	12/30/2022	Wells Fargo Purchase Cards	603.140.1450050	179.88
WELLS FARGO CREDIT CARD ACH	O'Reilly Auto Parts 17 Jackson, R..	12/30/2022	Wells Fargo Purchase Cards	603.140.1450050	290.48
WELLS FARGO CREDIT CARD ACH	O'Reilly Auto Parts 17 Jackson, R..	12/30/2022	Wells Fargo Purchase Cards	603.140.1450050	110.36
MACQUEEN EMERGENCY GRO...	P08124	12/30/2022	Fire truck LEDs	603.00.5300.444.40041	30.36

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TRI-STATE BOBCAT INC.	P86684	12/30/2022	Skid steer parts	603.00.5300.444.40042	401.40
Fund 603 - CENTRAL EQUIPMENT Total:					71,630.33
Fund: 604 - CENTRAL STORES					
CDW GOVERNMENT INC	FR29800	12/30/2022	Printer paper	604.00.2200.416.40050	400.56
FIRST IMPRESSION GROUP	138030	12/30/2022	#10 Window Envelopes (7,500)	604.00.2200.416.60010	646.28
MARCO TECHNOLOGIES, LLC	32996856	12/30/2022	Copiers	604.00.2200.416.40050	5,564.90
CDW GOVERNMENT INC	FP00055	12/30/2022	Copier ink	604.00.2200.416.40050	310.40
Fund 604 - CENTRAL STORES Total:					6,922.14
Fund: 605 - CITY FACILITIES					
NASSEFF PLUMBING & HEATING..	46999	12/30/2022	PW office area heating repair	605.00.7500.460.40040	929.43
GIP III ZEPHYR ACQUISITION PA...	INVRGRV-22212	12/30/2022	Oct 2022 solar gardens	605.00.7500.460.40020	7,279.43
LVC COMPANIES, INC.	103305	12/29/2022	PW annual cellular monitoring	605.00.7500.460.40040	640.00
XCEL ENERGY	802857171B CR	12/30/2022	Solar credits	605.46.0000.3653000	-265.56
XCEL ENERGY	806933352 CR	12/30/2022	Solar credits	605.46.0000.3653000	-70,715.20
XCEL ENERGY	807266405 CR	12/30/2022	Solar credits	605.46.0000.3653000	-226.26
XCEL ENERGY	807449029	12/30/2022	City hall electric charges	605.00.7500.460.40020	7,857.52
WELLS FARGO CREDIT CARD ACH Amzn Mktp Us H21qx4zu0 Halv...		12/30/2022	Wells Fargo Purchase Cards	605.00.7500.460.60065	189.90
WELLS FARGO CREDIT CARD ACH Amzn Mktp Us Hb0t71j62 Todd,...		12/30/2022	Wells Fargo Purchase Cards	605.00.7500.460.60065	39.10
WELLS FARGO CREDIT CARD ACH Amzn Mktp Us Hw0ak2j10 Halv...		12/30/2022	Wells Fargo Purchase Cards	605.00.7500.460.60065	65.99
WELLS FARGO CREDIT CARD ACH Amzn Mktp Us Hw5to4l51 Todd,..		12/30/2022	Wells Fargo Purchase Cards	605.00.7500.460.60065	37.98
WELLS FARGO CREDIT CARD ACH Inver Grove Heights Ac Halvers...		12/30/2022	Wells Fargo Purchase Cards	605.00.7500.460.60040	114.98
Fund 605 - CITY FACILITIES Total:					-54,052.69
Fund: 606 - TECHNOLOGY FUND					
WELLS FARGO CREDIT CARD ACH Amzn Mktp Us Hi41z81a0 Gade,...		12/30/2022	Wells Fargo Purchase Cards	606.00.1400.413.60040	429.50
Fund 606 - TECHNOLOGY FUND Total:					429.50
Fund: 702 - ESCROW FUND					
TWIN CITIES HOUSING DEVELO...	12/13/2022	12/30/2022	Escrow Reduction - Prairie Estat...	702.229.2296603	590,315.40
SHORT ELLIOTT HENDRICKSON, ...	438201	12/30/2022	Inspect/Review NS Watertower...	702.229.2294902	1,257.69
SHORT ELLIOTT HENDRICKSON, ...	438202	12/30/2022	Review/Inspect Water Tower	702.229.2306403	1,175.30
SHORT ELLIOTT HENDRICKSON, ...	438203	12/30/2022	50st Wt/Babcock Trail - Northsi...	702.229.2307803	1,791.32
VALLEY HOMESTEAD PROPERTI...	12/20/2022	12/30/2022	Escrow release - Stor 2018 CUP ...	702.229.2290801	143,897.00
Fund 702 - ESCROW FUND Total:					738,436.71
Grand Total:					1,670,943.69

Request for Council Action

SUBJECT: Personnel Actions

MEETING DATE: January 9, 2023

ITEM TYPE: Consent Agenda

CONTACT: Cora Bauer, HR Coordinator, 651.450.2490

ACTION REQUESTED

The Council is asked to confirm and approve the personnel actions listed below.

BACKGROUND

Full-time Employment:

Rachel Mikel, Recreation Coordinator (reclassification from Recreation Specialist, as approved in 2023 budget)

Seasonal/Temporary Employment:

Lauryn Roszak, Fitness Intern

Joshua Stidham, Skating Rink Attendant Outdoor

Breann Killion, Skating Rink Attendant Outdoor

Eric Adrian, Fitness Intern

Cheza Sylvester, Birthday Party Host

FISCAL IMPACT

All positions to be filled are funded within the adopted City budget.

RECOMMENDATION

Staff recommends approval of the above-listed personnel actions.

ATTACHMENTS

None

Request for Council Action

SUBJECT: **Approval of Final Plans and Specifications and
Authorization to Advertise for Bids for City Project No.
2023-09D - Dawn Way Area Street Rehabilitation**

MEETING DATE: January 9, 2023

ITEM TYPE: Consent Agenda

CONTACT: Steve Dodge, Assistant City Engineer, 651.450.2541

ACTION REQUESTED

The Council is asked to approve the attached Resolution, approving final plans and specifications and authorizing an advertisement for bids for City Project No. 2023-09D - Dawn Way Area Street Rehabilitation, as part of the City's 2023 Pavement Management Initiative.

BACKGROUND

On October 24, 2022, the Council ordered City Project No. 2023-09D Dawn Way Area Street Rehabilitation, and authorized the preparation of plans and specifications.

The final plans and specifications have been prepared by Bolton & Menk, and are available for viewing at the City Engineering Division. The bid opening is tentatively scheduled for February 21, 2023, with the Council anticipated to receive bids and consider awarding the project on March 13, 2023.

The City applied for competitive stormwater grants through the Board of Water and Soil Resources and the Minnesota Pollution Control Agency, to partially fund additional stormwater management improvements as part of the Dawn Way Area project. These grant pursuits were unsuccessful, and the City did not receive funding due to lack of funding resources, or the improvements were scored lower than other grant applicants. As such, the stormwater improvements tied to competitive grants have been removed from the project.

FISCAL IMPACT

The project would be funded from the Pavement Management - Local Streets Fund (440), Storm Water Capital Fund (531), Water Capital - Connection Fund (403), Sewer Capital - Connection Fund (404), Special Assessments, and from shared costs with the City of South St. Paul.

RECOMMENDATION

Staff recommends approval of the attached Resolution, approving final plans and specifications and authorizing advertisement for bids for City Project No. 2023-09D - Dawn Way Area Street Rehabilitation.

ATTACHMENTS

1. Resolution Approving Plans Specifications and Authorizing Advertisement for Bids

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

**RESOLUTION APPROVING PLANS AND SPECIFICATIONS AND AUTHORIZING
ADVERTISEMENT FOR BIDS FOR THE 2023 PAVEMENT MANAGEMENT PROGRAM, CITY
PROJECT NO. 2023-09D DAWN WAY AREA STREET REHABILITATION**

RESOLUTION NO. _____

WHEREAS, On October 24, 2022 following published notice given pursuant to Minnesota Statutes, Section 429.031 and a public hearing, the City Council ordered City Project No. 2023-09D Dawn Way Area Street Rehabilitation; and

WHEREAS, pursuant to a resolution passed by the City Council on October 24, 2022, plans and specifications for City Project 2023-09D Dawn Way Area Street Rehabilitation were authorized to be prepared by Bolton & Menk, City consultant; and

WHEREAS, Bolton & Menk has prepared plans and specifications for City Project No. 2023-09D Dawn Way Area Street Rehabilitation for Council review and approval.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF INVER GROVE HEIGHTS, MINNESOTA AS FOLLOWS:

1. The plans and specifications for City Project No. 2023-09D Dawn Way Area Street Rehabilitation, on file with the City, are hereby approved as the plans and specifications in accordance with which said improvements shall be constructed.
2. The City Engineer is hereby authorized to advertise for bids pursuant to the provisions of Minnesota Statutes Chapter 429, with respect to City Project No. 2023-09D.
3. The contract for these improvements shall be executed no later than two years after the adopting of this Resolution.

Adopted by the City Council of the City of Inver Grove Heights, Minnesota this 9th day of January 2023.

Brenda Dietrich, Mayor

ATTEST:

Rebecca Kiernan, City Clerk



Request for Council Action

SUBJECT: **Storm Water Facilities Maintenance Agreement for
11880 Albavar Path**

MEETING DATE: January 9, 2023

ITEM TYPE: Consent Agenda

CONTACT: Paul Merchlewicz, City Engineer, 651.450.2572

ACTION REQUESTED

The Council is asked to approve the attached Storm Water Facilities Maintenance Agreement for 11880 Albavar Path.

BACKGROUND

The owners of 11880 Albavar Path are building a new home on the property which includes buildings and driveways creating a larger impervious surface. These changes are affected by City Code Title 9, Chapter 5, Section 9-5-5, which requires lots of record which do not have recorded contracts or agreements with the City to provide information to ensure that proposed development meets current City standards for storm water management.

The owners have provided the required storm water facilities plan and an engineering escrow of \$1,500 to cover costs incurred by the City for review and inspection of the facilities.

FISCAL IMPACT

N/A

RECOMMENDATION

Staff recommends approval of the attached Storm Water Facilities Maintenance Agreement for 11880 Albavar Path.

ATTACHMENTS

1. Storm Water Facilities Maintenance Agreement

STORM WATER FACILITIES MAINTENANCE AGREEMENT
FOR LOT 5, BLOCK 1, WHISTLEWOOD FARMS,
DAKOTA COUNTY, MINNESOTA

THIS STORM WATER FACILITIES MAINTENANCE AGREEMENT (Agreement) is made, entered into and effective this 9th day of January, 2023, by and between the City of Inver Grove Heights, a Minnesota municipal corporation (hereafter referred to as City) and John Gornick and Linda Jean Gornick (together hereafter referred to as Landowner and Responsible Owner). Subject to the terms and conditions hereafter stated and based on the representations, warranties, covenants, agreements and recitals of the parties herein contained, the parties do hereby agree as follows:

ARTICLE 1
DEFINITIONS

1.1 Terms. The following terms, unless elsewhere specifically defined herein, shall have the following meanings as set forth below.

1.2 City. “City” means the City of Inver Grove Heights, a Minnesota municipal corporation.

1.3 Landowner. “Landowner” means John Gornick and Linda Jean Gornick, and their successors and assigns.

1.4 Storm Water Facilities. “Storm Water Facilities” means each and all of the following, individually and collectively, to the extent located on or within the Landowner Property:

Any existing or future storm water pipes, ponds, raingardens, drainage areas, conduits, culverts, ditches, catch basins, or approved storm water quality structures or storm water collection appurtenances lying on or within the Landowner Property.

1.5 Storm Water Facility Plan. “Storm Water Facility Plan” means that certain exhibit prepared by Cornerstone Land Surveying, Inc. and approved by the City Engineer on December 14, 2022. The Storm Water Facility Plan is on file with the City and attached hereto as **Exhibit D**

1.6 Landowner Property. “Landowner Property” means that certain real property located in the City of Inver Grove Heights, Dakota County, Minnesota legally described on **Exhibit A.**

1.7 Responsible Owner. “Responsible Owner” means, jointly and severally, all of the following:

The fee title owners of the Landowner Property legally described on Exhibit A attached hereto, and the successors and assigns of such fee title owners.

The current Responsible Owner is the Landowner.

1.8 Stormwater Management Plan. Means the 4th Generation Stormwater Management Plan and current Inver Grove Heights City Code Title 9, Chapter 5 Storm Water Management design, water quality, rate control, and volume and control standards. The Low Impact Design (LID) standards for construction and maintenance Best Management Practices shall be in accordance with the current Dakota County LID standards and the Inver Grove Heights Northwest Area (NWA) Storm Water Manual prepared by Emmons & Olivier Resources dated July 2006, and as adopted by the City of Inver Grove Heights and codified in Section 10-13J-5 (H) of the Inver Grove Heights City Code, as amended from time to time by amendment of general applicability.

ARTICLE 2 **RECITALS**

Recital No. 1. Landowner owns the Landowner Property.

Recital No. 2. Landowner has requested that the City approve the Storm Water Facility Plan to allow additional impervious surface on the Landowner Property in excess of what is allowed by the City. Due to the increase of impervious surface on the Landowner Property, the City is requiring Landowner to install Stormwater Facilities by way of three raingardens on the Landowner Property.

Recital No. 3. The City is willing to approve the Storm Water Facility Plan, if, among other things, Landowner executes this Storm Water Facilities Maintenance Agreement.

Recital No. 4. By this Agreement the parties seek to:

- a.) impose upon the Responsible Owner the responsibility of maintaining the Storm Water Facilities, notwithstanding the fact that the Storm Water Facilities may exist within easements dedicated or granted to the City and the public.
- b.) provide a mechanism where the City may charge-back to the Responsible Owner the cost for any maintenance work that the City performs with respect to the Storm Water Facilities in the event the Responsible Owner fails to perform its obligations to maintain the Storm Water Facilities.

- c.) provide the City with the right of access over the Landowner Property to access the Stormwater Facilities, when needed.

ARTICLE 3

RESPONSIBILITY FOR MAINTENANCE

3.1 Construction of Storm Water Facilities. Responsible Owner agrees that in conjunction with construction of the additional impervious surface on the Landowner Property, the Storm Water Facilities shall be constructed and installed by Responsible Owner in accordance with the Storm Water Facility Plan and Stormwater Management Plan at the sole expense of Responsible Owner at a location and in a configuration as approved by the City and shown on **Exhibit D**.

3.2 Maintenance of Storm Water Facilities. The Responsible Owner is obligated at its expense to perpetually maintain the Storm Water Facilities in accordance with the Storm Water Facilities Plan and in accordance with the Standard of Maintenance set forth in Section 3.3 hereof. The Responsible Owner shall not modify, alter, remove, eliminate or obstruct the Storm Water Facilities for as long as the Storm Water Facilities exist. The Responsible Owner shall also ensure that the Storm Water Facilities always remain in compliance with the Storm Water Facility Plan. All entities that fall within the definition of Responsible Owner have the joint and several obligations of the defined Responsible Owner. The responsibility of the Responsible Owner for maintaining the Storm Water Facilities on the Landowner Property exists even though the event or omission which caused the need for maintenance of the Storm Water Facilities may arise on property outside of the Landowner Property.

3.3 Standard of Maintenance. The Responsible Owner must meet the Standard of Maintenance set forth in this Section 3.3.

The Standard of Maintenance shall comply with all of the following:

- a. The Standard of Maintenance shall comply with the standards contained in Title 9, Chapter 5 of the Inver Grove Heights City Code (as amended from time to time, by amendment of general applicability); and
- b. The Standard of Maintenance shall comply with the City approved Operations & Maintenance Plan attached as **Exhibit B**;
- c. The Standard of Maintenance shall comply with the stormwater maintenance standards and bio-retention standards and requirements as set forth in the **NWA Stormwater Manual** (as amended from time to time, by amendment of general applicability). The NWA Stormwater Manual is on file with the City's Director of Public Works. The NWA Stormwater Manual shall apply to the construction and maintenance of Storm Water Facilities notwithstanding the fact that the Landowner's Property is located outside of the Northwest Area Overlay District; and

- d. The Standard of Maintenance shall comply with the Dakota County Soil and Water Conservation District Low Impact Standards, current version.
- e. The Standard of Maintenance shall comply with the 2011 Watershed Management Plan for the Lower Mississippi Watershed Management Organization (LMRWMO) dated August 2011;
- f. The Standard of Maintenance shall include but not be limited to each of the following:
 - i.) The Responsible Owner shall monitor the Storm Water Facilities and shall as soon as possible correct any malfunction or deficiency in the operation of such structure so as to ensure that the structure operates in conformance with the design parameters.
 - ii.) Responsible Owner must comply with Section IV of the NWA Stormwater Manual which outlines the requirements for the operations and maintenance of Long-Term Best Management Practices (BMP's) for storm water facilities. The City and Landowner have prepared Operations & Maintenance Plans to show how the Responsible Owner shall operate and maintain Long Term Best Management Practices for the Storm Water Facilities being constructed on the Landowner Property. The Operations & Maintenance Plans are attached hereto as **Exhibit B**. The Responsible Owner and the successors and assigns thereof shall be responsible for following the Operations & Maintenance Plan as approved by the City. The Operations & Maintenance Plan shall be on file with the City's Director of Public Works.
 - iii.) The Operations & Maintenance Plan shall contain the following information:
 - a. Detailed inspection requirements;
 - b. Inspection and maintenance schedules;
 - c. Contact information for the Responsible Owner;
 - d. As built plans of the Storm Water Facilities;
 - e. The requirement for an annual report to the City to demonstrate that post construction maintenance is being accomplished per the Operations & Maintenance Plan;
 - f. The GPS coordinates for the Storm Water Facilities shall be provided to the City after construction is completed. Storm Water Facilities smaller than 200 square feet can be located with one GPS coordinate. Storm Water Facilities larger than 200 square feet shall have outlet coordinates and the corners of the Storm Water Facilities located by GPS. The GPS readings shall be provided to the City before the Storm Water Facilities are covered.

If the Storm Water Facility Plan is inconsistent with the Standard of Maintenance or if components within the Standard of Maintenance are inconsistent with other components within the Standard of Maintenance, then that provision, term or component which imposes a greater and more demanding obligation shall prevail.

On or before December 31 of each year, the Responsible Owner shall submit to the City an annual report that identifies all of the tests, inspections, corrective measures and other activities conducted by the Responsible Owner under the Operations & Maintenance Plan for the preceding year. The annual report shall also identify any conditions of non-compliance with the Standard of Maintenance during the preceding year and the annual report shall address how the conditions of non-compliance were cured. The annual report shall also include the information shown on the form attached hereto as **Exhibit C**.

3.4 Notice of Non-Compliance with Section 3.3 and 3.4; Cure Period. If the City's Director of Public Works ("DPW") determines, at their reasonable discretion, that the Responsible Owner has not complied with the Standard of Maintenance, the DPW shall provide written notice to the Responsible Owner of such failure to comply with the Standard of Maintenance. This notice shall specify that the Responsible Owner will have thirty (30) days to comply with the Standard of Maintenance, unless thirty (30) days is not practicable for the Responsible Owner to cure the default, in which case the Responsible Owner shall be given a reasonable time, as determined by the DPW, to cure the default provided the Responsible Owner has commenced a suitable cure within the initial thirty (30) days. Notwithstanding the requirement contained in this Section relating to written notice and opportunity of the Responsible Owner to comply with the Standard of Maintenance, in the event of an emergency as determined by the DPW, the City may perform the work to be performed by the Responsible Owner without giving any notice to the Responsible Owner and without giving the Responsible Owner thirty (30) days to comply with the Standard of Maintenance. If the City performs emergency service work, the Responsible Owner shall be obligated to repay the City the costs incurred to perform the emergency service work, and the City shall follow those procedures set forth in Sections 3.5 and 3.6 with respect to the billing, collection and/or tax certification of such costs.

3.5 Payment of Costs Incurred by City. If the Responsible Owner fails to comply with the Standard of Maintenance within thirty (30) days after delivery of the written notice, or in the case of an emergency situation as determined by the DPW, the City may perform those tasks necessary for compliance and the City shall have the right of access to the areas where the Storm Water Facilities are located to perform such work. The City shall charge all costs incurred by the City to perform the tasks necessary for compliance to the Responsible Owner.

The amount of costs charged by the City to the Responsible Owner shall be the usual and customary amounts charged by the City given the task, work, or improvement performed by the City to ensure compliance with the Standard of Maintenance. The Responsible Owner shall make payment directly to the City within twenty (20) days after invoicing ("Due Date") by the City. Bills not paid by the Due Date shall incur the standard penalty and interest established by the City for utility billings within the City.

3.6 Certification of Costs Payable with Taxes; Special Assessments. If payment is not made under Section 3.5 by the Responsible Owner with respect to the Landowner Property, the City may certify to Dakota County the amounts due as payable with the real estate taxes for the Landowner Property in the next calendar year; such certifications may be made under Minnesota Statutes, Chapter 444 in a manner similar to certifications for unpaid utility bills. The Responsible Owner waives any and all procedural and substantive objections to the imposition of such usual and customary charges on the Landowner Property.

Further, as an alternate means of collection, if the written billing is not paid by the Responsible Owner, the City, without notice and without hearing, may specially assess the Landowner Property for the costs and expenses incurred by the City. The Responsible Owner hereby waives any and all procedural and substantive objections to special assessments for the maintenance costs including, but not limited to, notice and hearing requirements and any claims that the charges or special assessments exceed the benefit to the Landowner Property. The Responsible Owner waives any appeal rights otherwise available pursuant to Minnesota Statute § 429.081. The Responsible Owner acknowledges that the benefit from the performance of maintenance tasks by the City to ensure compliance with the Standard of Maintenance equals or exceeds the amount of the charges and assessments for the maintenance costs that are being imposed hereunder upon the Landowner Property. Nothing in this paragraph shall be deemed to impair Responsible Owner's right to dispute the amount assessed as exceeding the usual and customary amounts charged by the City given the task, work, construction or improvement performed by the City to ensure compliance with Section 3.3.

In addition, if payment is not made under Section 3.5 by the Responsible Owner with respect to the Landowner Property, the City may use the funds available under Article 4 to reimburse the City for the cost and expenses incurred by the City.

3.7 Obligation for Maintenance Notwithstanding Public Easement. The Responsible Owner agrees that its obligations relating to maintenance of the Storm Water Facilities exist notwithstanding the fact that the Storm Water Facilities may be located in whole or in part within public easements.

The City hereby grants to the Responsible Owner a temporary right and license to enter public easements and public road rights-of-way for the purpose of performing the maintenance obligations relating to the Storm Water Facilities for the duration of the performance of the maintenance. The Landowner hereby grants to the City a right and license to access and enter the Landowner Property for the purpose of performing maintenance of the Storm Water Facilities for the duration of the performance of the maintenance.

3.8 Indemnification of City. Responsible Owner shall indemnify, defend and hold the City, its council, agents, employees, attorneys and representatives harmless against and in respect of any and all claims, demands, actions, suits, proceedings, losses, costs, expenses, obligations, liabilities, damages, recoveries, and deficiencies, including interest, penalties and attorneys' fees, that the City incurs or suffers, which arise out of, result from or relate to:

- a.) failure by the Responsible Owner to observe or perform any covenant, conditions, obligation or agreement on their part to be observed or performed under this Agreement;

- b.) failure by the Responsible Owner to pay contractors, subcontractors, laborers, or materialmen;
- c.) failure by the Responsible Owner to pay for any materials that may be used by the Responsible Owner to maintain the Storm Water Facilities; and
- d.) construction of the Storm Water Facilities.

3.9 No Remedy Exclusive. No remedy herein conferred upon or reserved to the City shall be exclusive of any other available remedy or remedies, but each and every such remedy shall be cumulative and shall be in addition to every other remedy given under the Agreement or now or hereafter existing at law or in equity or by statute. No delay or omission to exercise any right or power accruing upon any default shall impair any such right or power or shall be construed to be a waiver thereof, but any such right and power may be exercised from time to time and as often as may be deemed expedient. In order to entitle the City to exercise any remedy reserved to it, it shall not be necessary to give notice, other than the notice, if any, required by this Agreement.

ARTICLE 4 **ESCROW DEPOSIT**

4.1 Engineering Escrow Amount. The Landowner has deposited \$1,500 in cash with the City (hereafter “Engineering Escrow Amount”) prior to execution of this Agreement.

The Engineering Escrow Amount shall be used to pay the City for engineering review and inspection expenses, attorney’s fees, consultant fees, erosion and sediment control expenses, staff review time associated with coordination, review, design, preparation and inspection of the Storm Water Facility Plan and this Agreement and other associated City costs. Fees will be calculated at the City’s standard rates charged for such tasks.

Upon satisfactory completion of the Storm Water Facilities, the City shall return to the Landowner any remaining portion of the Engineering Escrow Amount not otherwise previously charged the Landowner.

To the extent the engineering inspection charges or the amount needed to correct any deficiencies and problems relating to grading, drainage, erosion control, or landscaping exceed the initially deposited \$1,500 Engineering Escrow Amount, the Landowner is responsible for payment of such excess within thirty (30) days after billing by the City.

ARTICLE 5 **CITY’S COVENANTS**

5.1 Approval of Plans. The City agrees that if Landowner executes this Storm Water Facilities Maintenance Agreement and if the other conditions set forth by the City are met, the Council will approve the plans associated with the additional impervious surface being placed on the Landowner Property.

ARTICLE 6
MISCELLANEOUS

6.1 Binding Agreement. The parties mutually recognize and agree that all terms and conditions of this recordable Agreement shall run with the Landowner Property and shall be binding upon the parties and the successors and assigns of the parties. This Agreement shall also be binding on and apply to any title, right and interest of the Landowner in the Landowner Property acquired by Landowner after the execution date of this Agreement or after the recording date of this Agreement.

6.2 Amendment and Waiver. The parties hereto may by mutual written agreement amend this Agreement in any respect. Any party hereto may extend the time for the performance of any of the obligations of another, waive any inaccuracies in representations by another contained in this Agreement or in any document delivered pursuant hereto which inaccuracies would otherwise constitute a breach of this Agreement, waive compliance by another with any of the covenants contained in this Agreement, waive performance of any obligations by the other or waive the fulfillment of any condition that is precedent to the performance by the party so waiving of any of its obligations under this Agreement. Any agreement on the part of any party for any such amendment, extension or waiver must be in writing. No waiver of any of the provisions of this Agreement shall be deemed, or shall constitute, a waiver of any other provisions, whether or not similar, nor shall any waiver constitute a continuing waiver.

6.3 Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the State of Minnesota.

6.4 Counterparts. This Agreement may be executed in any number of counterparts, each of which shall be deemed an original but all of which shall constitute one and the same instrument.

6.5 Consent. Landowner consents to the recording of this Agreement.

6.6 Notice. Notice shall mean notices given by one party to the other if in writing and if and when delivered or tendered either in person or by depositing it in the United States mail in a sealed envelope, by certified mail, return receipt requested, with postage and postal charges prepaid, addressed as follows:

If to City: City of Inver Grove Heights
Attention: City Administrator
8150 Barbara Avenue
Inver Grove Heights, MN 55077

If to Landowner: John Gornick and Linda Jean Gornick
11880 Albavar Path
Inver Grove Heights, MN 55077

or to such other address as the party addressed shall have previously designated by notice given in accordance with this Section. Notices shall be deemed to have been duly given on the date of service if served personally on the party to whom notice is to be given, or on the third day after mailing if mailed as provided above, provided, that a notice not given as above shall, if it is in writing, be deemed given if and when actually received by a party.

[The remainder of this page has been intentionally left blank]

IN WITNESS WHEREOF Landowner and the City have entered into this Agreement on the day and year first stated above.

CITY OF INVER GROVE HEIGHTS

By: _____
Brenda Dietrich
Its: Mayor

ATTEST:

Rebecca Kiernan, City Clerk

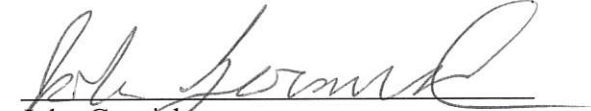
(CITY SEAL)

STATE OF MINNESOTA)
) ss.
COUNTY OF DAKOTA)

On this ____ day of 2023, before me a Notary Public within and for said County, personally appeared Brenda Dietrich and Rebecca Kiernan to me personally known, who being each by me duly sworn, each did say that they are respectively the Mayor and City Clerk of the City of Inver Grove Heights, the municipality named in the foregoing instrument, and that the seal affixed to said instrument was signed and sealed on behalf of said municipality by authority of its City Council and said City Clerk acknowledged said instrument to be the free act and deed of said municipality.

Notary Public

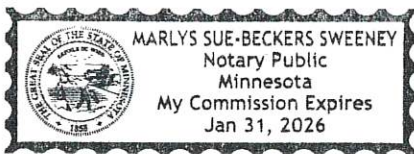
**RESPONSIBLE OWNER AND
LANDOWNER:**

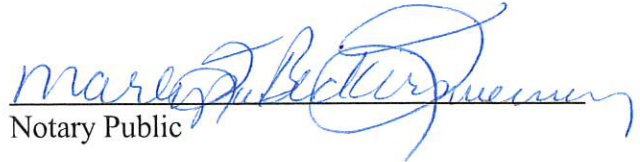

John Gornick


Linda Jean Gornick

STATE OF MINNESOTA)
)
COUNTY OF DAKOTA) ss.

On this 29 day of December, before me a Notary Public within and for said County, personally appeared John Gornick and Linda Gornick to me personally known to be the persons described in and who executed the foregoing instrument and acknowledged that they executed the same as their free act and deed.




Notary Public

This Instrument Was Drafted By:

Bridget McCauley Nason, # 0347322
LeVander, Gillen, & Miller, P.A.
1305 Corporate Center Drive, #300
Eagan, MN 55121

(651) 451-1831

EXHIBIT A
LEGAL DESCRIPTION OF LANDOWNER PROPERTY

Real Property located in the City of Inver Grove Heights, Dakota County, Minnesota, described as follows:

Lot 5, Block 1, Whistlewood Farms, Dakota County, Minnesota.

Torrens Property – Certificate of Title No. 172095

EXHIBIT B
OPERATIONS & MAINTENANCE PLAN

MAINTENANCE PLAN

Maintenance of the storm water facilities shall be performed as outlined in Table 1.1 below to ensure healthy and functioning Storm Water Facilities conforming to the intend of the original design parameters. Maintenance shall be completed annually by September 10th. An annual inspection report shall be submitted to the City Engineering Division by December 31 of each year to demonstrate that post-construction maintenance is being accomplished per this Operations and Maintenance plan.

TABLE 1.1 – MAINTENANCE ACTIVITIES

Maintenance Activity	Frequency	Procedure	Maintenance Done By
1. Sediment, trash and debris removal from inlet, outlets, pipes and structures.	Annually in spring and fall as needed.	Remove trash and/or debris. Pruning and weeding, mow filter strip	Landowner unless designated
2. Sediment, trash and debris removal from bio-filtration basin and swale	Annually in spring and fall as needed.	Remove sediment and restore bio-filtration basin and swale to capacity	Landowner unless designated
3. Erosion repair and vegetation replacement.	Annually in spring and fall as needed.	Repair eroded areas and re-seed, re-sod, re-plant and mulch as necessary and remove dry, dead or severely diseased vegetation	Landowner unless designated
4. Mulch replacement	Every 2 to 3 years or as needed to maintain 3" to 4" depth	If applicable, add shredded hardwood mulch	Landowner
5. Watering	As needed	Provide 1 inch of water when plants show signs of stress	Landowner
6. Vegetation replacement and weeding	Annually in spring and fall	Replace dead vegetation and remove evasive or unwanted plants	Landowner
7. Clean/fix structural components	As needed per inspection	Dependent on the type of damage; repair components per manufacturer's recommendations	Landowner unless designated
8. Replacement of the bio-retention device.	Bio-retention device failure.	The Landowner shall notify the City and make repairs within 60 days, unless otherwise approved by the City Engineer.	Landowner unless designated

EXHIBIT C
ANNUAL INSPECTION FORM

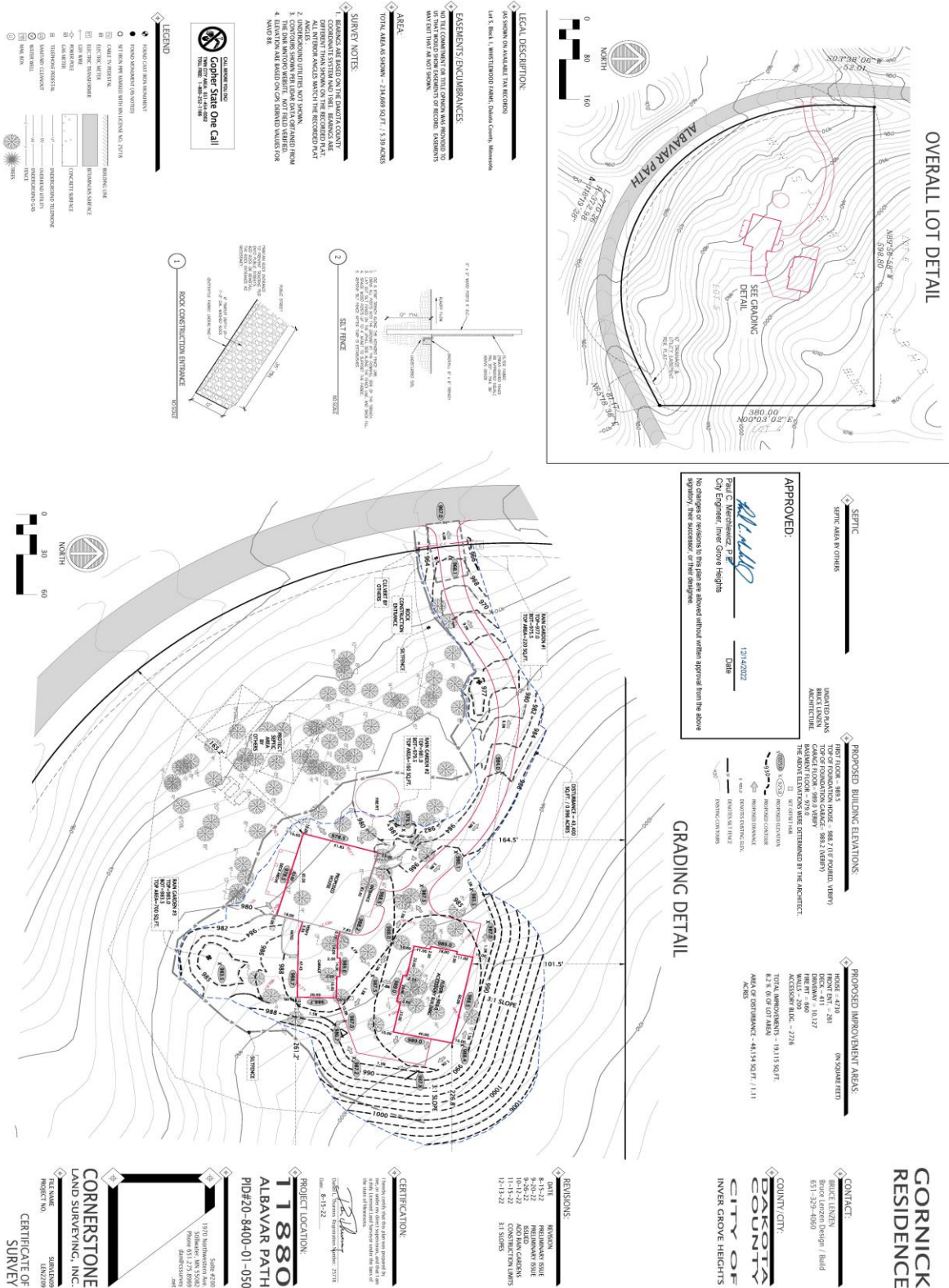
CITY OF INVER GROVE HEIGHTS NPDES INSPECTION PROGRAM

INLET / OUTLET					
STRUCTURE ID		INSPECTION DATE		INSPECTOR(S)	
LOCATION					
EASEMENT					
ACCESSIBLE	Y	N			
STRUCTURES IN ESMT.	Y	N	DESCRIPTION		
TREES IN ESMT.	Y	N	LARGEST DIAMETER (INCHES)		
STRUCTURE	FES	PIPE	CB	OTHER	
ATTRIBUTES	TRASH GUARD		WEIR	SURGE BASIN	OTHER NONE
CONDITION*	OK		MINOR MAINTENANCE	MAJOR MAINTENANCE	INACCESSIBLE
END SECTION EROSION	Y	N			
FLOW CONDITION	FLOW PRESENT		NO FLOW	SUBMERGED	
COMMENTS					
VEGETATION/DEBRIS	WEEDS, ETC.	BRUSH, TREES, ETC.	GARBAGE/DEBRIS	NONE	
RESTRICTING FLOW	Y	N			
COMMENTS					
SEDIMENT					
CONDITION**	NONE		MINOR MAINTENANCE	MAJOR MAINTENANCE	
COMMENTS					
RIP RAP					
PRESENT	Y	N			
CONDITION***	OK		MINOR MAINTENANCE	MAJOR MAINTENANCE	
COMMENTS					
ILLCIT DISCHARGE	Y	N			
COMMENTS					

MAINTENANCE PERFORMED:			
SIGNED:		DATE:	

- * Minor Maintenance: i.e. regROUT joint, repair trash guard; Major Maintenance: structure separating(ed) from pipe
 ** Minor Maintenance: repair can be done by City crews, Major Maintenance: heavy equip. is needed
 *** Minor Maintenance: repair can be done by City crews, Major Maintenance: heavy equip. is needed

EXHIBIT D STORM WATER FACILITY PLAN



Request for Council Action

SUBJECT: **Storm Water Facilities Maintenance Agreement for 1301 50th St**

MEETING DATE: January 9, 2023

ITEM TYPE: Consent Agenda

CONTACT: Mike Edwards, Sr Engineering Technician, 651.450.2575
Paul Merchlewicz, City Engineer, 651.450.2572

ACTION REQUESTED

The Council is asked to approve the attached Storm Water Facilities Maintenance Agreement for the property located at 1301 50th St.

BACKGROUND

The owners of the Evangelical Lutheran Church Good Samaritan Society located at 1301 50th St have made improvements including the replacement of their parking area. These changes are affected by City Ordinance Title 9, Chapter 5, Section 9-5-5. This ordinance requires lots of record which do not have recorded contracts or agreements with the City to provide information to ensure proposed development meets current City standards for storm water management.

The owners have provided the required storm water facilities plan and an engineering escrow of \$1,500 to cover costs incurred by the City for review and inspection of the facilities.

FISCAL IMPACT

N/A

RECOMMENDATION

Staff recommends approval of the Stormwater Facilities Maintenance Agreement for 1301 50th St.

ATTACHMENTS

1. 2023-01-03_SWFMA signed

STORM WATER FACILITIES MAINTENANCE AGREEMENT

THIS STORM WATER FACILITIES MAINTENANCE AGREEMENT (Agreement) is made, entered into and effective this ____ day of January, 2023, by and between the City of Inver Grove Heights, a Minnesota municipal corporation (hereafter referred to as “City”) and The Evangelical Lutheran Good Samaritan Society, a South Dakota nonprofit corporation, (hereafter referred to as “Landowner” and “Responsible Owner”).

Subject to the terms and conditions hereafter stated and based on the representations, warranties, covenants, agreements and recitals of the parties herein contained, the parties do hereby agree as follows:

ARTICLE 1 **DEFINITIONS**

1.1 Terms. The following terms, unless elsewhere specifically defined herein, shall have the following meanings as set forth below.

1.2 City. “City” means the City of Inver Grove Heights, a Minnesota municipal corporation.

1.3 Landowner. “Landowner” means The Evangelical Lutheran Good Samaritan Society, a North Dakota nonprofit corporation, and its successors and assigns.

1.4 Responsible Owner. “Responsible Owner” means the Landowner and its successors and assigns.

1.5 Storm Water Facilities. “Storm Water Facilities” means each and all of the following, individually and collectively, to the extent located within the Subject Property:

Any existing or future raingardens, infiltration basins, storm water ponds, stormwater pipes, outlets and related storm water appurtenances lying within the Subject Property.

1.6 Storm Water Facility Plan. “Storm Water Facility Plan” means the Parking Lot Reconstruction plans prepared by Anderson Engineering of Minnesota, LLC dated August 19, 2021, and approved by the City Engineer on August 23, 2021, portions of which are attached hereto as **Exhibit D** for reference. The Storm Water Facility Plan is on file with the City. The Storm Water Facility Plan also means and includes the Operations and Maintenance Plan attached hereto as **Exhibit B**.

The Storm Water Facility Plan also includes modifications of the Storm Water Facility Plan as approved from time to time by the City Engineer.

1.7 Subject Property. “Subject Property” means that certain real property located in the City of Inver Grove Heights, Dakota County, Minnesota legally described on **Exhibit A**.

1.8 NWA Stormwater Manual or Stormwater Management Plan. Means the 4th Generation Stormwater Management Plan and current Inver Grove Heights City Code Title 9, Chapter 5 Storm Water Management design, water quality, rate control, and volume and control standards. The Low Impact Design (LID) standards for construction and maintenance Best Management Practices shall be in accordance with the current Dakota County LID standards and the Inver Grove Heights Northwest Area (NWA) Storm Water Manual prepared by Emmons & Olivier Resources dated July 2006, and as adopted by the City of Inver Grove Heights and codified in Section 10-13J-5 (H) of the Inver Grove Heights City Code, as amended from time to time by amendment of general applicability.

ARTICLE 2

RECITALS

Recital No. 1. Landowner owns the Subject Property. Landowner is currently the Responsible Owner.

Recital No. 2. Landowner has requested that the City approve the Stormwater Facility Plan to allow additional impervious surface on the Subject Property and development of the Subject Property per the approve Development Plans. Due to the increase of impervious surface on the Subject Property, the City is requiring Landowner to install Stormwater Facilities on the Subject Property.

Recital No. 3. The City is willing to approve the additional impervious surface on the Subject Property if, among other things, Landowner executes this Storm Water Facilities Maintenance Agreement.

Recital No. 4. By this Agreement the parties seek to:

- a.) impose upon the Responsible Owner the responsibility of maintaining the Storm Water Facilities, notwithstanding the fact that the Storm Water Facilities may exist within easements dedicated or granted to the City and the public.
- b.) provide a mechanism where the City may charge-back to the Responsible Owner any maintenance work that the City performs with respect to the Storm Water Facilities in the event the Responsible Owner fails to perform its obligations to maintain the Storm Water Facilities.
- c.) provide the City with right of access over the Subject Property to access the Storm Water Facilities when needed.

ARTICLE 3

RESPONSIBILITY FOR MAINTENANCE

3.1 Construction of Storm Water Facilities. Prior to November 30, 2022 or by a date reasonably determined by the City Engineer, Landowner shall construct and install the Storm Water Facilities on the Subject Property in accordance with the Storm Water Facility Plan at its sole expense at a location and in a configuration as approved by the City.

3.2 Maintenance of Storm Water Facilities. The Responsible Owner is obligated at its expense to perpetually maintain the Storm Water Facilities in accordance with the Standard of Maintenance set forth in Section 3.3 hereof. The Responsible Owner shall not modify, alter, remove, eliminate or obstruct the Storm Water Facilities for as long as the Storm Water Facilities exist. The Responsible Owner shall also ensure that the Storm Water Facilities always remain in compliance with the Storm Water Facility Plan. All entities that fall within the definition of Responsible Owner have the joint and several obligations of the defined Responsible Owner. The responsibility of the Responsible Owner for maintaining the Storm Water Facilities on the Subject Property exists even though the event or omission which caused the need for maintenance of the Storm Water Facilities may arise on property outside of the Subject Property.

3.3 Standard of Maintenance. The Responsible Owner must meet the Standard of Maintenance set forth in this Section 3.3.

The Standard of Maintenance shall comply with all of the following:

- a. The Standard of Maintenance shall comply with the standards contained in Title 9, Chapter 5 of the Inver Grove Heights City Code (as amended from time to time, by amendment of general applicability).
- b. The Standard of Maintenance shall comply with the stormwater maintenance and bio-retention standards and requirements as set forth in the **NWA Stormwater Manual** (as amended from time to time, by amendment of general applicability). The NWA Stormwater Manual is on file with the City's Director of Public Works. The NWA Stormwater Manual shall apply to the Storm Water Facilities notwithstanding the fact

that the Landowner's Property is located outside of the Northwest Area Overlay District.

- c. The Standard of Maintenance shall be reasonable and conform to the same standards that the City's Director of Public Works utilizes for storm water systems that the City maintains, as those standards are from time to time amended.
- d. The Standard of Maintenance shall comply with the City approved Operations & Maintenance Plan hereafter referenced.
- e. The Standard of Maintenance shall comply with the 2011 Watershed Management Plan for the Lower Mississippi River Watershed Management Organization (LMRWMO) dated August 2011;
- f. The Standard of Maintenance shall include but not be limited to each of the following:
 - i.) The Responsible Owner shall monitor the Storm Water Facilities and shall as soon as possible correct any malfunction or deficiency in the operation of such structure so as to ensure that the structure operates in conformance with the design parameters.
 - ii.) Responsible Owner must comply with Section IV of the NWA Stormwater Manual which outlines the requirements for the operations and maintenance of Long Term Best Management Practices (BMP's) for stormwater facilities. The Responsible Owner must prepare an Operations & Maintenance Plan to show how the Responsible Owner plans to operate and maintain Long Term Best Management Practices for the Storm Water Facilities being constructed on the Subject Property. The Responsible Owner has submitted a final Operations & Maintenance Plan to the City, attached hereto as **Exhibit B**. The final Operations & Maintenance Plan attached hereto as **Exhibit B** has been approved by the City. The Responsible Owner and the successors and assigns thereof shall be responsible for following the Operations & Maintenance Plan as approved by the City. The final Operations & Maintenance Plan shall be on file with the City's Director of Public Works.
 - iii.) The final Operations & Maintenance Plan shall contain the following information:
 - a. Detailed inspection requirements;
 - b. Inspection and maintenance schedules;
 - c. Contact information for the Responsible Party;
 - d. As built plans of the Storm Water Facilities;

- e. A letter of compliance from the designer after construction of the Storm Water Facilities is completed;
- f. The requirement for an annual report to the City to demonstrate that post construction maintenance is being accomplished per the Operations & Maintenance Plan;
- g. The GPS coordinates for the Storm Water Facilities shall be provided to the City after construction is completed. Storm Water Facilities smaller than 200 square feet can be located with one GPS coordinate. Storm Water Facilities larger than 200 square feet shall have outlet coordinates and the corners of the Storm Water Facilities located by GPS. The GPS readings shall be provided to the City before the Storm Water Facilities are covered.

If the Storm Water Facility Plan is inconsistent with the Standard of Maintenance or if components within the Standard of Maintenance are inconsistent with other components within the Standard of Maintenance, then that provision, term or component which imposes a greater and more demanding obligation shall prevail.

In December of each year, the Responsible Owner shall submit to the City an annual report that identifies all of the tests, inspections, corrective measures and other activities conducted by the Responsible Owner under the Operations & Maintenance Plan for the preceding year. The annual report shall also identify any conditions of non-compliance with the Standard of Maintenance during the preceding year and the annual report shall address how the conditions of non-compliance were cured. The annual report shall also include the information shown on the form attached hereto as **Exhibit C**. The reporting requirements shall begin with calendar year 2023.

3.4 Notice of Non-Compliance with Section 3.2 and 3.3; Cure Period. If the City's Director of Public Works ("DPW") determines, at his reasonable discretion, that the Responsible Owner has not complied with the Standard of Maintenance, the DPW shall provide written notice to the Responsible Owner of such failure to comply with the Standard of Maintenance. This notice shall specify that the Responsible Owner will have thirty (30) days to comply with the Standard of Maintenance, unless thirty (30) days is not practicable for the Responsible Owner to cure the default, in which case the Responsible Owner shall be given a reasonable time, as determined by the DPW, to cure the default provided the Responsible Owner has commenced a suitable cure within the initial thirty (30) days. Notwithstanding the requirement contained in this Section relating to written notice and opportunity of the Responsible Owner to comply with the Standard of Maintenance, in the event of an emergency as determined by the DWP, the City may perform the work to be performed by the Responsible Owner without giving any notice to the Responsible Owner and without giving the Responsible Owner thirty (30) days to comply with the Standard of Maintenance. If the City performs emergency service work, the Responsible Owner shall be obligated to repay the City the costs incurred to perform the emergency service work, and the City shall follow those procedures set forth in Sections 3.5 and 3.6 with respect to the billing, collection and/or tax certification of such costs.

3.5 Payment of Costs Incurred by City. If the Responsible Owner fails to comply with the Standard of Maintenance within thirty (30) days after delivery of the written notice, or in the case of an emergency situation as determined by the DPW, the City may perform those tasks necessary for compliance and the City shall have the right of access to the areas where the Storm Water Facilities are located to perform such work. The City shall charge all costs incurred by the City to perform the tasks necessary for compliance to the Responsible Owner.

The amount of costs charged by the City to the Responsible Owner shall be the usual and customary amounts charged by the City given the task, work, or improvement performed by the City to ensure compliance with the Standard of Maintenance. The Responsible Owner shall make payment directly to the City within forty-five (45) days after invoicing ("Due Date") by the City. Bills not paid by the Due Date shall incur the standard penalty and interest established by the City for utility billings within the City.

3.6 Certification of Costs Payable with Taxes; Special Assessments. If payment is not made under Section 3.5 by the Responsible Owner with respect to the Subject Property, the City may certify to Dakota County the amounts due as payable with the real estate taxes for the Subject Property in the next calendar year; such certifications may be made under Minnesota Statutes, Chapter 444 in a manner similar to certifications for unpaid utility bills. The Responsible Owner waives any and all procedural and substantive objections to the imposition of such usual and customary charges on the Subject Property.

Further, as an alternate means of collection, if the written billing is not paid by the Responsible Owner, the City, without notice and without hearing, may specially assess the Subject Property for the costs and expenses incurred by the City. The Responsible Owner hereby waives any and all procedural and substantive objections to special assessments for the maintenance costs including, but not limited to, notice and hearing requirements and any claims that the charges or special assessments exceed the benefit to the Subject Property. The Responsible Owner waives any appeal rights otherwise available pursuant to Minnesota Statute § 429.081. The Responsible Owner acknowledges that the benefit from the performance of maintenance tasks by the City to ensure compliance with the Standard of Maintenance equals or exceeds the amount of the charges and assessments for the maintenance costs that are being imposed hereunder upon the Subject Property.

3.7 Obligation for Maintenance Notwithstanding Public Easement. The Responsible Owner agrees that its obligations relating to maintenance of the Storm Water Facilities exist notwithstanding the fact that the Storm Water Facilities may be located in whole or in part within public easements. The Landowner hereby grants to the City a right and license to access and enter the Subject Property for the purpose of performing maintenance of the Storm Water Facilities for the duration of the performance of the maintenance.

3.8 Indemnification of City. Responsible Owner shall indemnify, defend and hold the City, its council, agents, employees, attorneys and representatives harmless against and in respect of any and all claims, demands, actions, suits, proceedings, losses, costs, expenses, obligations, liabilities, damages, recoveries, and deficiencies, including interest, penalties and attorneys' fees, that the City incurs or suffers, which arise out of, result from or relate to:

- a.) failure by the Responsible Owner to observe or perform any covenant, conditions, obligation or agreement on their part to be observed or performed under this Agreement;
- b.) failure by the Responsible Owner to pay contractors, subcontractors, laborers, or materialmen;
- c.) failure by the Responsible Owner to pay for any materials that may be used by the Responsible Owner to maintain the Storm Water Facilities; and
- d.) construction of the Storm Water Facilities.

3.9 Indemnification of Landowner. City shall indemnify, defend and hold the Responsible Owner and its agents, employees, and representatives harmless against and in respect of any and all claims, demands, actions, suits, proceedings, losses, costs, expenses, obligations, liabilities, damages, recoveries, and deficiencies, including interest, penalties and reasonable attorneys' fees, that the Responsible Owner incurs or suffers, which arise out of or result from the gross negligence of the City or its agents or employees and do not arise from the negligence of the Responsible Owner.

3.10 No Remedy Exclusive. No remedy herein conferred upon or reserved to the City shall be exclusive of any other available remedy or remedies, but each and every such remedy shall be cumulative and shall be in addition to every other remedy given under the Agreement or now or hereafter existing at law or in equity or by statute. No delay or omission to exercise any right or power accruing upon any default shall impair any such right or power or shall be construed to be a waiver thereof, but any such right and power may be exercised from time to time and as often as may be deemed expedient. In order to entitle the City to exercise any remedy reserved to it, it shall not be necessary to give notice, other than the notice, if any, required by this Agreement.

ARTICLE 4 **ESCROW DEPOSIT**

4.1 Engineering Escrow Amount. The Landowner has deposited \$1,500 in cash with the City (hereafter "Engineering Escrow Amount") prior to execution of this Agreement.

The Engineering Escrow Amount shall be used to pay the City for engineering review and inspection expenses, attorney's fees, consultant fees, erosion and sediment control expenses, staff review time associated with coordination, review, design, preparation and inspection of the Storm Water Facility Plan and this Agreement and other associated City costs. Fees will be calculated at the City's standard rates charged for such tasks.

Upon satisfactory completion of the Storm Water Facilities, the City shall return to the Landowner any remaining portion of the Engineering Escrow Amount not otherwise previously charged the Landowner.

To the extent the engineering inspection charges or the amount needed to correct any deficiencies and problems relating to grading, drainage, erosion control, or landscaping exceed the initially deposited \$1,500 Engineering Escrow Amount, the Landowner is responsible for payment of such excess within thirty (30) days after billing by the City.

ARTICLE 5

CITY'S COVENANTS

5.1 Approval of Increased Impervious Surface. The City agrees that if Landowner executes this Storm Water Facilities Maintenance Agreement and if the conditions required by the City contained in the City Planning Report and the City Engineering Memo are met, the City will approve the development plans for the Subject Property.

ARTICLE 6
MISCELLANEOUS

6.1 Binding Agreement. The parties mutually recognize and agree that all terms and conditions of this recordable Agreement shall run with the Subject Property and shall be binding upon the parties and the successors and assigns of the parties. This Agreement shall also be binding on and apply to any title, right and interest of the Landowner in the Subject Property acquired by Landowner after the execution date of this Agreement or after the recording date of this Agreement.

6.2 Amendment and Waiver. The parties hereto may by mutual written agreement amend this Agreement in any respect. Any party hereto may extend the time for the performance of any of the obligations of another, waive any inaccuracies in representations by another contained in this Agreement or in any document delivered pursuant hereto which inaccuracies would otherwise constitute a breach of this Agreement, waive compliance by another with any of the covenants contained in this Agreement, waive performance of any obligations by the other or waive the fulfillment of any condition that is precedent to the performance by the party so waiving of any of its obligations under this Agreement. Any agreement on the part of any party for any such amendment, extension or waiver must be in writing. No waiver of any of the provisions of this Agreement shall be deemed, or shall constitute, a waiver of any other provisions, whether or not similar, nor shall any waiver constitute a continuing waiver.

6.3 Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the State of Minnesota.

6.4 Counterparts. This Agreement may be executed in any number of counterparts, each of which shall be deemed an original but all of which shall constitute one and the same instrument.

6.5 Consent. Landowner consents to the recording of this Agreement.

6.6 Notice. Notice shall mean notices given by one party to the other if in writing and if and when delivered or tendered either in person or by depositing it in the United States mail in a sealed envelope, by certified mail, return receipt requested, with postage and postal charges prepaid, addressed as follows:

If to City:

City of Inver Grove Heights
Attention: City Administrator
8150 Barbara Avenue
Inver Grove Heights, MN 55077

If to Landowner:

Jason Guenther, Director
Planning and Construction
4800 W. 57th Street
Sioux Falls, SD 57108

or to such other address as the party addressed shall have previously designated by notice given in accordance with this Section. Notices shall be deemed to have been duly given on the date of service if served personally on the party to whom notice is to be given, or on the third day after mailing if mailed as provided above, provided, that a notice not given as above shall, if it is in writing, be deemed given if and when actually received by a party.

[the remainder of this page has been intentionally left blank]

IN WITNESS WHEREOF Landowner and the City have entered into this Agreement on the day and year first stated above.

CITY OF INVER GROVE HEIGHTS

By: _____
Brenda Dietrich
Its: Mayor

ATTEST:

Rebecca Kiernan, City Clerk

(CITY SEAL)

STATE OF MINNESOTA)
) ss.
COUNTY OF DAKOTA)

On this ____ day of January, 2023, before me a Notary Public within and for said County, personally appeared Brenda Dietrich and Rebecca Kiernan to me personally known, who being each by me duly sworn, each did say that they are respectively the Mayor and City Clerk of the City of Inver Grove Heights, the municipality named in the foregoing instrument, and that the seal affixed to said instrument was signed and sealed on behalf of said municipality by authority of its City Council and said City Clerk acknowledged said instrument to be the free act and deed of said municipality.

Notary Public

The Evangelical Lutheran Good Samaritan Society,
a North Dakota nonprofit corporation


Michelle Bruhn, Treasurer
The Evangelical Lutheran Good Samaritan Society,
a North Dakota nonprofit corporation
d/b/a Good Samaritan Society

STATE OF SOUTH DAKOTA)
) ss.
COUNTY OF Minnehaha)

On this 1st day of December, 2022, before me a Notary Public within and for said County, personally appeared Michelle Bruhn, to me personally known, who being by me duly sworn, did say that she is the Treasurer, an authorized agent for The Evangelical Lutheran Good Samaritan Society, a North Dakota nonprofit corporation d/b/a Good Samaritan Society.



Melissa M. Jergin
Notary Public

My Commission expires July 10, 2024.

EXHIBIT A
LEGAL DESCRIPTION OF SUBJECT PROPERTY

Real Property located in the City of Inver Grove Heights, Dakota County, Minnesota, described as follows:

The South 255 feet of the North 1055 feet of the East 680 feet of the Northeast Quarter of the Southwest Quarter, EXCEPT the east 40 feet thereof. Also that part of the Northeast Quarter of the Southwest Quarter commencing 800 feet south and 680 feet west of the northeast corner; thence west 212 feet; thence South 47 degrees 24 minutes East a distance of 202.5 feet; thence East 64.5 feet; thence North 0 degrees 38 minutes West a distance of 137 feet to the point of beginning, Dakota County, Minnesota.

EXHIBIT B

OPERATIONS & MAINTENANCE PLAN

OPERATIONS & MAINTENANCE PLAN

Maintenance of the Storm Water Facilities shall be performed as outlined in Table 1.1 below to ensure healthy and functioning Storm Water Facilities conforming to the intent of the original design parameters. Maintenance shall be completed annually by September 10th. An annual inspection report shall be submitted to the City Engineering Division by December 31 of each year to demonstrate that post-construction maintenance is being accomplished per this Operations and Maintenance Plan.

TABLE 1.1 – MAINTENANCE ACTIVITIES

Maintenance Activity	Frequency	Procedure	Maintenance Done By
1. Sediment, trash and debris removal from inlet, outlets, pipes and structures.	Annually in spring and fall as needed.	Remove trash and/or debris. Pruning and weeding, mow filter strip	Responsible Owner unless designated otherwise
2. Sediment, trash and debris removal from bio-filtration basin and swale	Annually in spring and fall as needed.	Remove sediment and restore bio-filtration basin and swale to capacity	Responsible Owner unless designated otherwise
3. Erosion repair and vegetation replacement.	Annually in spring and fall as needed.	Repair eroded areas and re-seed, re-sod, re-plant and mulch as necessary and remove dry, dead or severely diseased vegetation	Responsible Owner unless designated otherwise
4. Mulch replacement	Every 2 to 3 years or as needed to maintain 3" to 4" depth	If applicable, add shredded hardwood mulch	Responsible Owner unless designated otherwise
5. Watering	As needed	Provide 1 inch of water when plants show signs of stress	Responsible Owner unless designated otherwise
6. Vegetation replacement and weeding	Annually in spring and fall	Replace dead vegetation and remove evasive or unwanted plants	Responsible Owner unless designated otherwise
7. Clean/fix structural components	As needed per inspection	Dependent on the type of damage; repair components per manufacturer's recommendations	Responsible Owner unless designated otherwise
8. Replacement of the bio-retention device.	Bio-retention device failure.	The Responsible Owner shall notify the City and make repairs within 60 days, unless otherwise approved by the City Engineer.	Responsible Owner unless designated otherwise

EXHIBIT B
FINAL OPERATIONS & MAINTENANCE PLAN
Continued

OPERATIONS & MAINTENANCE PLAN FOR PRE-TREATMENT DEVICES			
INSPECTION/MAINTENANCE ACTIVITY	RECOMMENDED FREQUENCY	ACTIONS	RESPONSIBLE PARTY
1) Visual inspection for trash and debris accumulation	Monthly and following large storm events.	Remove trash and debris from structure. Follow manufacturers recommendations for proprietary structures.	By Owner unless designated to others.
2) Sediment accumulation in device	Bi-Annually at a minimum. More frequent removal if sediment exceeds manufacturer's specifications or more than 1/2 of depth of sump.	Remove accumulated sediment. Vacuum truck or hand work may be necessary. Follow manufacturers recommendations. Dispose sediment according to local and state regulations.	By Owner unless designated to others.
3) Oil removal	B -Annually at a minimum, or after an oil/fuel spill.	Remove oil and fuel from water surface per manufacturers recommendations. Dispose of oil and fuel per current EPA regulations.	By Owner unless designated to others.
4) Visual inspection of system components	During all inspections	Clean and repair internal components per manufacturers recommendations. Replace any damaged or missing parts with approved replacements.	By Owner unless designated to others.

EXHIBIT C **ANNUAL INSPECTION FORM**

CITY OF INVER GROVE HEIGHTS NPDES INSPECTION PROGRAM					
INLET / OUTLET					
STRUCTURE ID		INSPECTION DATE		INSPECTOR(S)	
LOCATION					
EASEMENT					
ACCESSIBLE	Y	N			
STRUCTURES IN ESMT.	Y	N	DESCRIPTION		
TREES IN ESMT.	Y	N	LARGEST DIAMETER (INCHES)		
STRUCTURE	FES	PIPE	CB	OTHER	
ATTRIBUTES	TRASH GUARD	WEIR	SURGE BASIN	OTHER	NONE
CONDITION*	OK	MINOR MAINTENANCE	MAJOR MAINTENANCE	INACCESSIBLE	
END SECTION EROSION	Y	N			
FLOW CONDITION	FLOW PRESENT	NO FLOW	SUBMERGED		
COMMENTS					
VEGETATION/DEBRIS	WEEDS, ETC.	BRUSH, TREES, ETC.	GARBAGE/DEBRIS	NONE	
RESTRICTING FLOW	Y	N			
COMMENTS					
SEDIMENT					
CONDITION**	NONE	MINOR MAINTENANCE	MAJOR MAINTENANCE		
COMMENTS					
RIP RAP					
PRESENT	Y	N			
CONDITION***	OK	MINOR MAINTENANCE	MAJOR MAINTENANCE		
COMMENTS					
ILLCIT DISCHARGE	Y	N			
COMMENTS					
MAINTENANCE PERFORMED:					
SIGNED:			DATE:		

* Minor Maintenance: i.e. regROUT joint, repair trash guard; Major Maintenance: structure separating(ed) from pipe

** Minor Maintenance: repair can be done by City crews, Major Maintenance: heavy equip. is needed

*** Minor Maintenance: repair can be done by City crews, Major Maintenance: heavy equip. is needed

EXHIBIT D STORM WATER FACILITY PLAN

CONSTRUCTION PLANS

GOOD SAMARITAN SOCIETY - PARKING LOT RECONSTRUCTION

GOOD SAMARITAN SOCIETY
1301 50TH ST. E. INNER GROVE HEIGHTS 55077

APPROVED ☒ **DISAPPROVED** ☐
APPROVED AS NOTED ☐ **REVISED AND RESUBMITTED** ☐

Date: 3-23-21 By: [Signature]

City of Inner Grove Heights
6155 Eastman Avenue
Inner Grove Heights, MN 55077-5412

Approval is granted for the construction of the project as shown on the plans. The applicant is responsible for obtaining all necessary permits and for ensuring that the project complies with all applicable laws, codes, and regulations. The City of Inner Grove Heights reserves the right to modify or revoke this approval at any time.

① SITE LOCATION MAP

② SITE LOCATION MAP

PERMIT SET

DATE: 3-23-21

REVISIONS:

1. SEE DISCREPANCY

2. SEE DISCREPANCY

3. SEE DISCREPANCY

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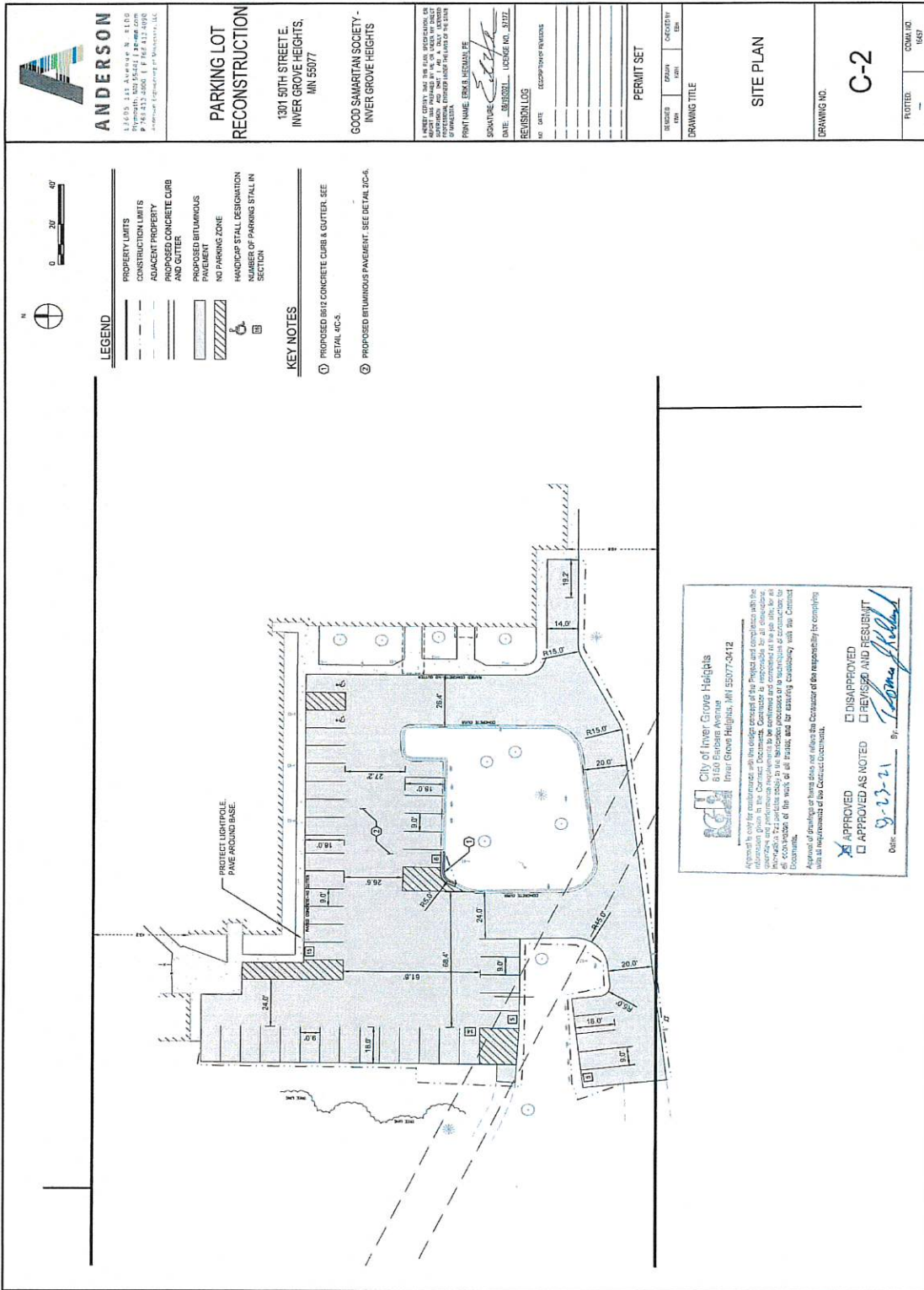


EXHIBIT D-4

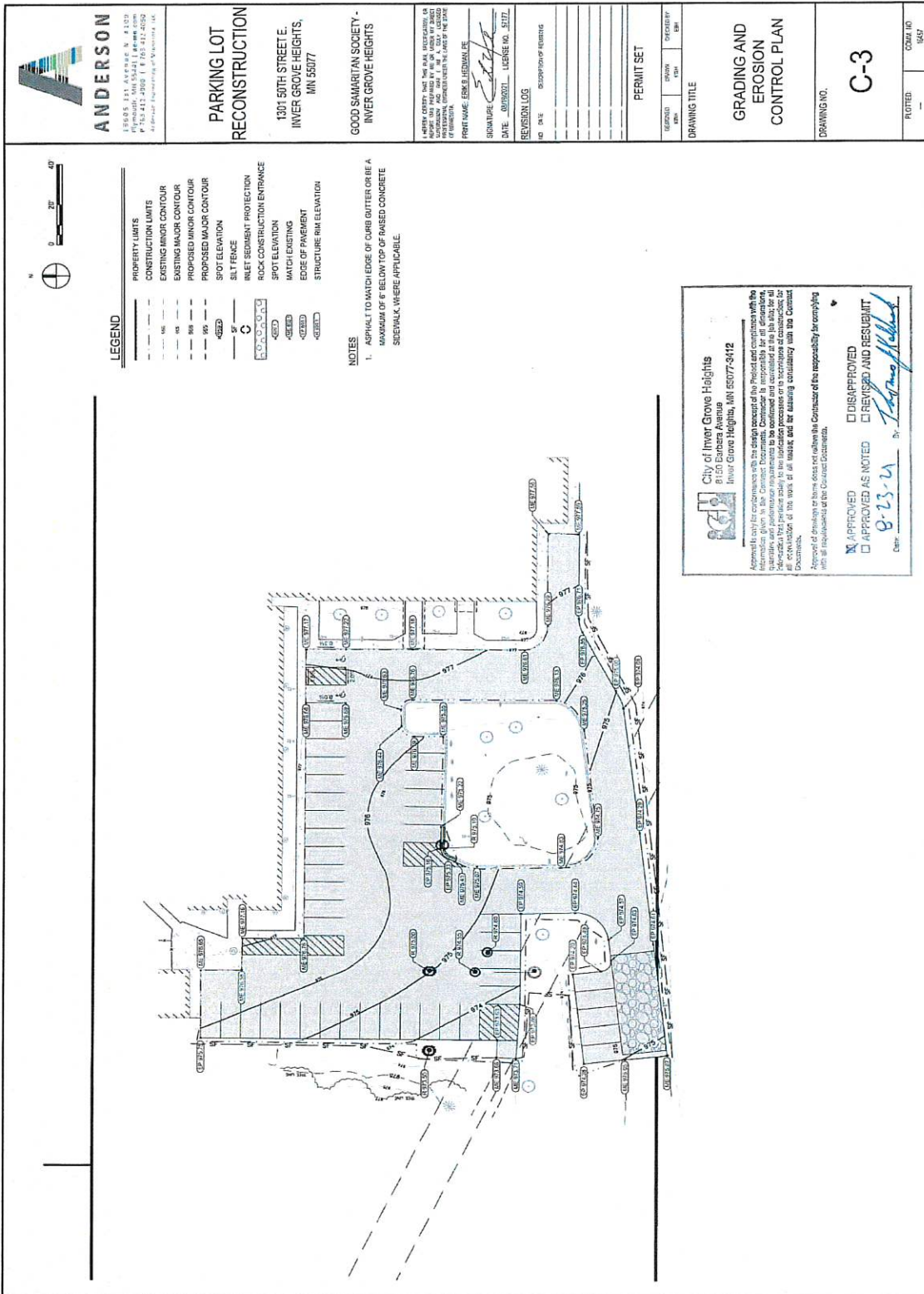
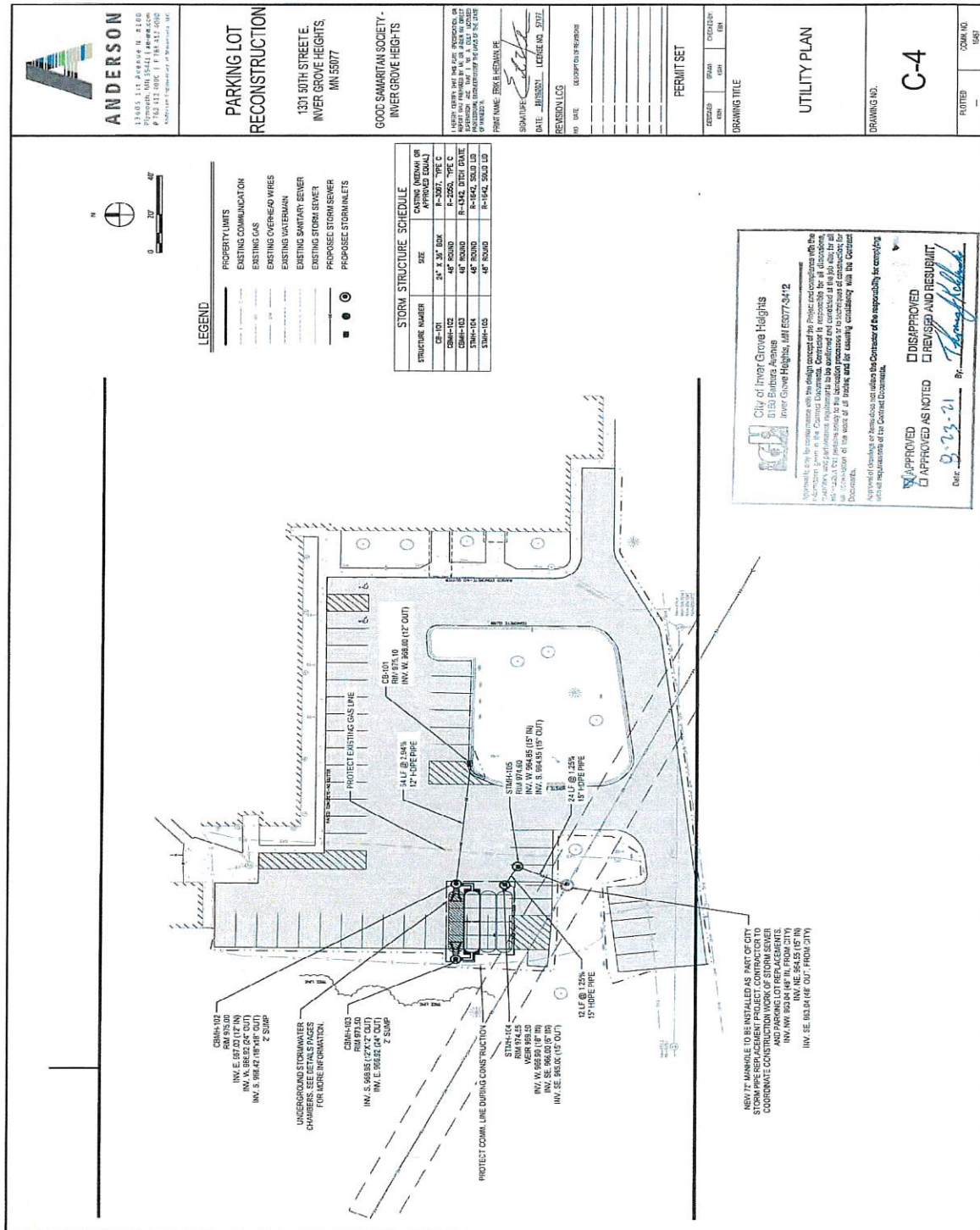


EXHIBIT D-5



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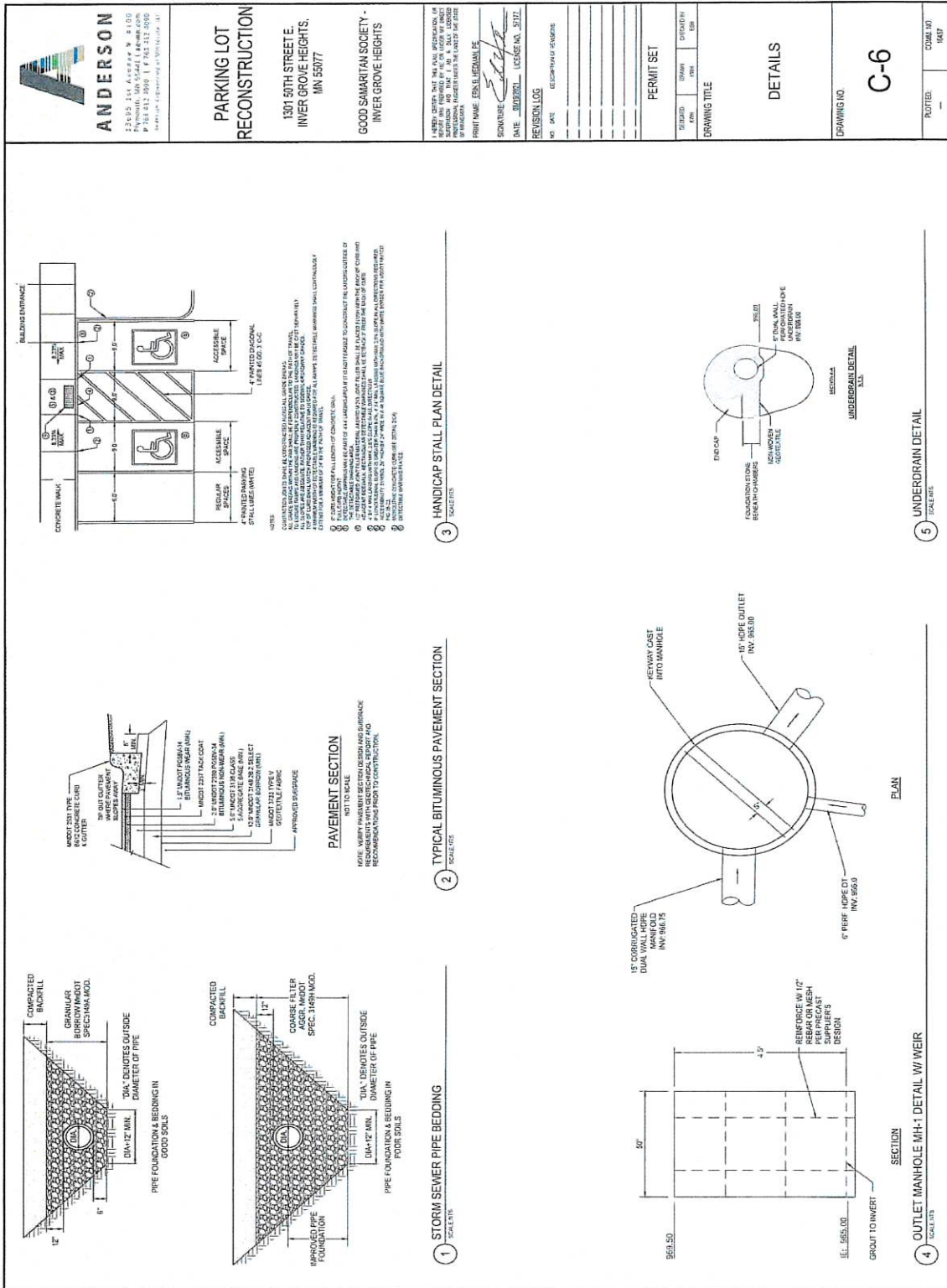


EXHIBIT D-8

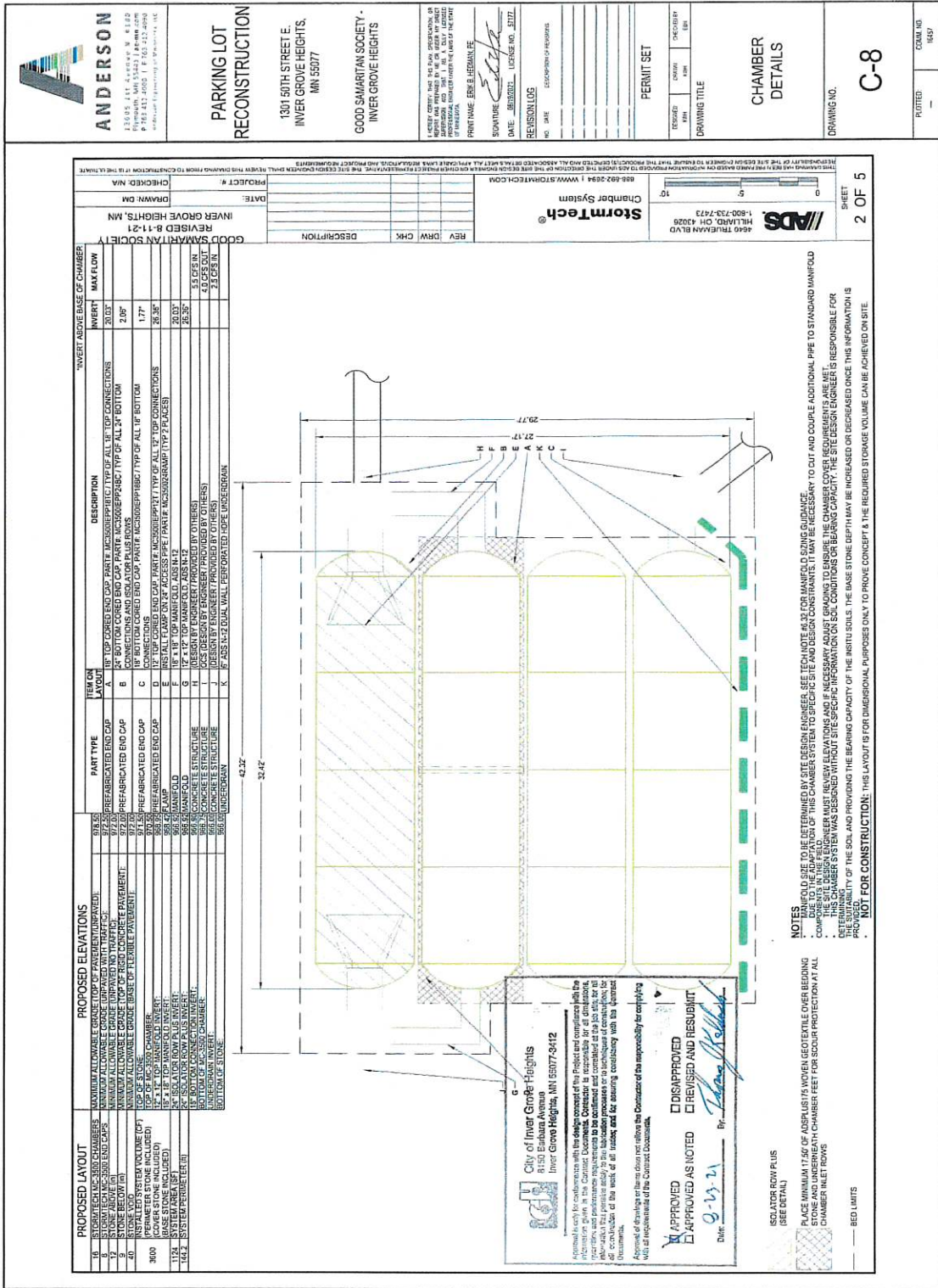
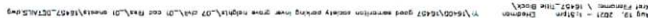


EXHIBIT D-10



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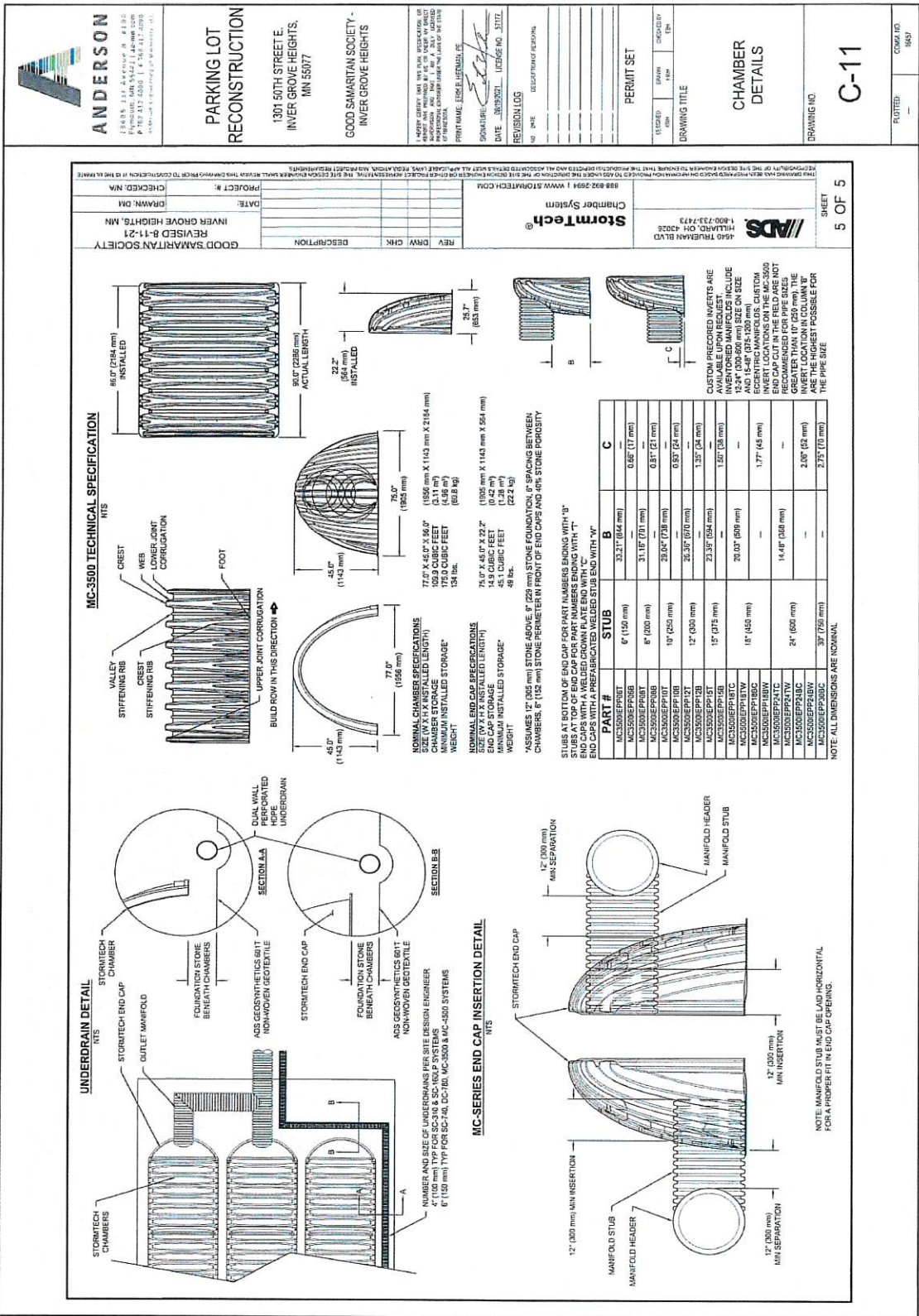


EXHIBIT D-13

Request for Council Action

SUBJECT: **Joint Powers Agreement with City of South Saint Paul
for Project 2023-09D - Dawn Way Area Street
Rehabilitation**

MEETING DATE: January 9, 2023

ITEM TYPE: Consent Agenda

CONTACT: Paul Merchlewicz, City Engineer, 651.450.2572

ACTION REQUESTED

The Council is asked to adopt the attached Resolution, authorizing a Joint Powers Agreement (JPA) between the City of Inver Grove Heights and the City of South Saint Paul for City Project 2023-09D - Dawn Way Area Street Rehabilitation.

BACKGROUND

Portions of City Project 2023-09D impact Dawn Way from 61st Street (Airport Road) to approximately 600 feet north, Cromwell Court from 61st Street to the north, and 61st Street East from Cromwell Court to Dawn Way. Each of these roadway segments are jointly owned by the City of Inver Grove Heights and the City of South Saint Paul. Coordination between both cities identifies a need and desire to rehabilitate these roadways as part of this project due to the roadway conditions, cost-effectiveness of the proposed improvements, and overall roadway maintenance needs. The City Council of South St. Paul has already approved this JPA.

FISCAL IMPACT

The City of South Saint Paul will pay for the construction costs associated with their portion of each of the roadways within the project limits. In addition, the City of South Saint Paul is responsible for legal, engineering, administrative, and finance fees based on 22 percent of the construction bid costs. The City of Inver Grove Heights is responsible for the remainder of the costs, which are budgeted for in the City's project budget for the Dawn Way Area Rehabilitation Project (Project No. 2023-09D).

RECOMMENDATION

Staff recommends adoption of the attached Resolution, approving the JPA with the City of South St. Paul for the Dawn Way Area Rehabilitation Project.

ATTACHMENTS

1. Resolution - JPA with SSP for Dawn Way (City Proj. No. 2023-09D)
2. SSP Signed JPA IGH SSP Proj No 23-09D

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

RESOLUTION NO. _____

**RESOLUTION AUTHORIZING EXECUTION OF JOINT POWERS AGREEMENT BETWEEN THE
CITY OF SOUTH SAINT PAUL AND THE CITY OF INVER GROVE HEIGHTS FOR CITY PROJECT
2023-09D – DAWN WAY AREA STREET REHABILITATION**

WHEREAS, City Project 2023-09D includes roadways that are jointly owned by the City of South Saint Paul and the City of Inver Grove Heights; and

WHEREAS, the City of South Saint Paul has agreed to partner with the City of Inver Grove Heights for the construction of City Project 2023-09D and associated improvements to their portion of roadways within project limits; and

WHEREAS, a Joint Powers Agreement between both cities is necessary to identify the terms, responsibilities, and participation of each city for the project; and

WHEREAS, the City of Inver Grove Heights is the lead agency for the project and will be responsible for completing all contract administration, design work, and construction inspection; and

WHEREAS, the City of South Saint Paul will contribute project costs for all work performed on their portion of construction from the accepted bid tabulation plus a fee of 22 percent of contributing construction costs for associated legal, engineering, administrative, and finance (LEAF) costs; and

WHEREAS, staff recommends entering into a joint power agreement with the City of South Saint Paul for construction of their portion of roadways within this projects' limits.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF INVER GROVE HEIGHTS,
THAT:**

1. Authorization is granted for execution of a Joint Powers Agreement for participation in construction and LEAF costs associated with City Project 2023-09D, Dawn Way Area Improvements.
2. The City of Inver Grove Heights is responsible for contract administration, design, and construction inspection and all costs for construction work on City owned portions of roadways within project limits.
3. The City of South Saint Paul is responsible for construction and LEAF costs for construction work on City of South Saint Paul owned portion of roadways within project limits.

Adopted by the City Council of the City of Inver Grove Heights this 9th day of January 2023.

Brenda Dietrich, Mayor

ATTEST:

Rebecca Kiernan, City Clerk

**JOINT POWERS AGREEMENT
BETWEEN THE CITY OF INVER GROVE HEIGHTS AND THE
CITY OF SOUTH SAINT PAUL FOR THE
DAWN WAY AREA STREET REHABILITATION PROJECT
IGH CITY PROJECT NO. 2023-09D
SSP CITY PROJECT NO. 2023-005**

THIS AGREEMENT is entered into between the **CITY OF INVER GROVE HEIGHTS**, a Minnesota municipal corporation (hereinafter referred to as "Inver Grove Heights") and the **CITY OF SOUTH SAINT PAUL**, a Minnesota municipal corporation (hereinafter referred to as "South Saint Paul"), with the parties collectively hereinafter referred to as the "Cities".

WHEREAS, the Cities desire to implement the design and construction of certain rights-of-way within the cities as identified in Exhibit A and depicted in Exhibit B1 and B2, attached hereto, as further delineated in the City of Inver Grove Heights as Project No. 2023-09D, and in the City of South Saint Paul as City Project No. 2023-005 (the "Project"); and

WHEREAS, Minn. Stat. § 471.59 authorizes two or more governmental units to enter into agreements to jointly or cooperatively exercise any power common to the contracting parties or any similar power.

NOW, THEREFORE, in consideration of their mutual covenants the parties agree as follows:

1. PLANS, SPECIFICATIONS, TESTING, AND INPECTIONS.

A. Bolton & Menk, Inc. ("Bolton & Menk") will prepare a feasibility report for the City of Inver Grove Heights and South Saint Paul will contract its own engineer for preparing a corresponding feasibility report. The City of Inver Grove Heights will hire a consulting firm to prepare plans and specifications for the Project consistent with Municipal State Aid and the City's design standards. The plans and specifications must be approved by the Inver Grove Heights and South Saint Paul City Councils prior to advertisement for bids.

B. Inver Grove Heights will contract with a geotechnical firm to conduct all geotechnical work necessary for the preparation of plans and specifications and construction material testing. All geotechnical services will be a shared responsibility of both Cities.

C. Inver Grove Heights will supply or contract a construction inspector. All construction inspection services will be a shared responsibility of both Cities.

2. BIDDING. Inver Grove Heights will advertise for bids for the construction of the Project in accordance with Minnesota Law and will provide South Saint Paul with an analysis of

the bids received. Inver Grove Heights must obtain South Saint Paul's concurrence with the award of the bid to a contractor.

3. **CONTRACT AWARD.** Inver Grove Heights shall prepare contract documents and enter into a contract with the approved bidder.

4. **COST ALLOCATION.** Cost for the project will be allocated separately for each City based on the actual bid tabulation. Relevant construction costs shall be paid by each City per the allocation of construction costs identified in this tabulation and adjusted per final contract costs. All other project costs shall be paid by South Saint Paul to Inver Grove Heights at 22% of contract cost for the portion of work allocated to the City of South Saint Paul. For purposes of this Joint Powers Agreement, all other project costs cover legal, engineering (including project management, construction administration, and construction inspection), administration, and finance (LEAF). Inver Grove Heights will add a 22% fee on work designated in Exhibit A as South Saint Paul's portion of the project for each applicable pay application processed. If a contract is not awarded for the project for any reason, the costs for work completed under Paragraph 1(A) will be divided between each City based on the percentage of miles within each City identified in Exhibit A to the total miles within the project.

5. **OWNERSHIP.** Each party shall own the portion of the Project located within its corporate boundaries.

6. **PAYMENT.** Inver Grove Heights will act as the paying agent for all payments to Contractors and Bolton & Menk. Payments will be made as the Project work progresses and when certified by the Inver Grove Heights City Engineer. Inver Grove Heights, in turn, will bill South Saint Paul for the project costs. South Saint Paul shall reimburse Inver Grove Heights for its share of the costs incurred under this agreement within 30 days from the presentation of the claim. If any portion of an itemized claim is questioned by South Saint Paul, the remainder of the claim shall be promptly paid, and accompanied by a written explanation of the amounts in question. Payment of any amounts in dispute will be made following good faith negotiation and documentation of actual costs incurred in carrying out the work.

7. **CHANGE ORDERS AND SUPPLEMENTAL AGREEMENTS.** Any change orders or supplemental agreements that affect the project cost payable by South Saint Paul and changes to the plans must be approved by South Saint Paul prior to execution of work.

8. **RULES AND REGULATIONS.** Inver Grove Heights shall abide the City of Inver Grove Heights' Standard General Conditions of the Construction Contract (and any supplementary conditions thereto), and by Minnesota Department of Transportation standard specifications (and any supplemental specification thereto, including governing specifications of the project contract) and.

9. **INDEMNIFICATION.** Inver Grove Heights agrees to defend, indemnify, and hold harmless South Saint Paul against any and all claims, liability, loss, damage, or expense arising under the provisions of this Agreement and caused by or resulting from negligent acts or

omissions of Inver Grove Heights and/or those of Inver Grove Heights employees or agents. South Saint Paul agrees to defend, indemnify, and hold harmless Inver Grove Heights against any and all claims, liability, loss, damage, or expense arising under the provisions of this Agreement for which South Saint Paul is responsible, including future operation and maintenance of facilities owned by South Saint Paul and caused by or resulting from negligent acts or omissions of South Saint Paul and/or those of South Saint Paul's employees or agents. All parties to this agreement recognize that liability for any claims arising under this agreement are subject to the provisions of the Minnesota Municipal Tort Claims Law; Minnesota Statutes, Chapter 466. In the event of any claims or actions filed against either party, nothing in this agreement shall be construed to allow a claimant to obtain separate judgments or separate liability caps from the individual parties.

10. **WAIVER.** Any and all persons engaged in the work to be performed by Inver Grove Heights shall not be considered employees of South Saint Paul for any purpose, including Worker's Compensation, and all claims that may or might arise out of said employment context on behalf of said employees while so engaged. Any and all claims made by any third party as a consequence of any act or omission on the part of said Inver Grove Heights employees while so engaged on any of the work contemplated herein shall not be the obligation or responsibility of South Saint Paul. The opposite situation shall also apply: Inver Grove Heights shall not be responsible under the Worker's Compensation Act for any employees of South Saint Paul.

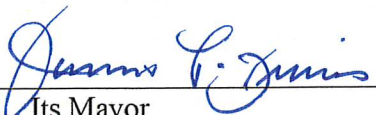
11. **AUDITS.** Pursuant to Minnesota Statutes § 16C.05, Subd. 5, any books, records, documents, and accounting procedures and practices of Inver Grove Heights and South Saint Paul relevant to the Agreement are subject to examination by Inver Grove Heights, South Saint Paul, and either the Legislative Auditor or the State Auditor as appropriate. Inver Grove Heights and South Saint Paul agree to maintain these records for a period of six years from the date of performance of all services covered under this agreement.

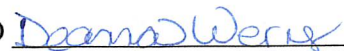
12. **INTEGRATION.** The entire and integrated agreement of the parties contained in this Agreement shall supersede all prior negotiations, representations, or agreements between Inver Grove Heights and South Saint Paul regarding the Project; whether written or oral.

13. **TERMINATION.** This Agreement shall continue until all warranty periods have expired for the work within the Project and all payments have been made under the terms of this Agreement. Either party may terminate this Agreement prior to award of the Contract for Project.

IN WITNESS THEREOF, the parties have caused this agreement to be executed by their duly authorized officials.

CITY OF SOUTH SAINT PAUL

BY: 
Its Mayor

AND 
Its City Clerk

CITY OF INVER GROVE HEIGHTS

BY: _____
Its Mayor

AND _____
Its City Clerk

EXHIBIT A

Rights-of Way Included in Project

SOUTH SAINT PAUL

Dawn Way from the centerline of 61st Street/Airport Road to approximately 594 feet north (corporate limits)

Cromwell Ct from the centerline of 61st St. to its northern terminus (west half)

61st St E from the centerline of Cromwell Ct to Dawn Way (north half)

INVER GROVE HEIGHTS

Dawn Way from 66th St E to Concord Blvd (excluding the South Saint Paul portion noted above)

Craig Ave. from 66th Street to 63rd Street

- Craig Ave. cul-de-sac north of 66th Street
- Craig Ave. cul-de-sac south of 65th Street
- Coryell Ct
- Corwin Ct

Crosby Ave. from 66th St E to 64th St E

Cromwell Court from the centerline of 61st St E to its northern terminus (east half)

Dawn Ave from 66th St E to its northern terminus

Alley from 61st St E to 63rd St E

Alley of Delaney Ave from 64th St E to Dawn Ave

61st St E from the centerline of Cromwell Ct to Dawn Way (south half)

63rd St E from Delaney Ave to its western terminus (west of Craig Ave)

Corwin Ct from Craig Ave to its western terminus

64th St E from Dawn Ave to its western terminus (west of Craig Ave)

Coryell Ct from Craig Ave to its southern terminus

65th St E from Dawn Ave to Craig Ave

66th St E from Concord Blvd to Craig Ave

67th St E from Dawn Way to Craig Ave

- 67th St E cul-de-sac 290 feet west of Dawn Way
- 67th St E cul-de-sac 610 feet west of Dawn Way

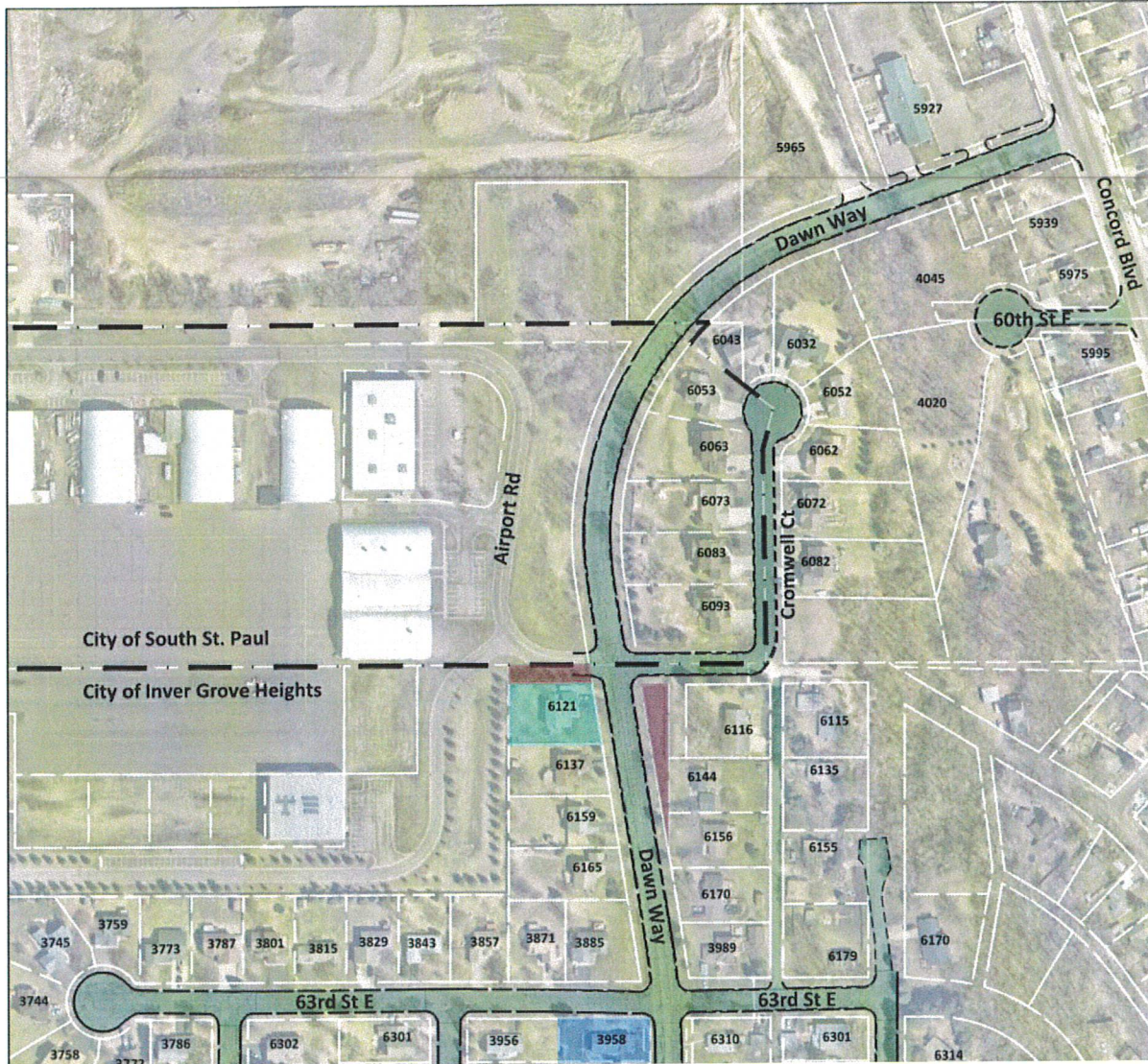
LEGEND

- PROPOSED PROJECT LIMITS
- CITY PROPERTY (2)
- OWNERS W/ MEDIUM INTEREST (9)
- OWNERS W/ HIGH INTEREST (10)

PROJECT LOCATION

The map displays the Airport Area, bounded by Airport Rd to the north, Concord Blvd to the east, and 67th St E to the south. The area is divided into several blocks, with street names including 63rd St E, 64th St E, 65th St E, 66th St E, 67th St E, Crosby Ave, Down Way, and Delaney Ave. The map shows various property lots, some of which are highlighted in blue to indicate high owner interest. The map also shows the proposed project limits, city property, and owner interest levels. The map includes a legend, a north arrow, a scale bar, and an inset map showing the project location within the city of St. Paul.

EXHIBIT B2
Depiction of South Saint Paul Rights-of-Way Included in Project



Request for Council Action

SUBJECT: **Joint Powers Agreement with City of South Saint Paul for Project 2022-09I - Carmen Avenue and Claude Way Area Street Rehabilitation**

MEETING DATE: January 9, 2023

ITEM TYPE: Consent Agenda

CONTACT: Paul Merchlewicz, City Engineer, 651.450.2572

ACTION REQUESTED

The Council is asked to adopt the attached Resolution, authorizing a Joint Powers Agreement (JPA) between the City of Inver Grove Heights and the City of South Saint Paul for City Project 2022-09I - Carmen Avenue and Claude Way Area Street Rehabilitation.

BACKGROUND

Portions of City Project 2022-09I impact Carmen Avenue (5th Avenue South) between Claude Way and 57th Street East. This segment of roadway is jointly owned by the City of Inver Grove Heights and the City of South Saint Paul, with the road's centerline as the divider. Coordination between both cities identifies a need and desire to rehabilitate this roadway as part of this project due to the roadway condition, cost-effectiveness of the improvement, and overall roadway maintenance needs. The City Council of South St. Paul has already approved this JPA.

FISCAL IMPACT

The City of South Saint Paul will pay the construction costs for the work performed on their portion of Carmen Avenue, within the project limits. In addition, the City of South Saint Paul is responsible for legal, engineering, administrative, and finance fees based on 22 percent of the construction bid costs. The City of Inver Grove Heights is responsible for the remainder of the costs, which are budgeted for the project.

RECOMMENDATION

Staff recommends adoption of the attached Resolution, authorizing the JPA with the City of South St. Paul for the Carmen Ave. and Claude Way Street Rehabilitation Project.

ATTACHMENTS

1. Resolution - JPA with SSP for Carmen Ave and Claude Way (City Proj. No. 2022-09I)
2. SSP Signed JPA IGH SSP Proj No 23-09I

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

RESOLUTION NO. _____

**RESOLUTION AUTHORIZING EXECUTION OF JOINT POWERS AGREEMENT BETWEEN THE
CITY OF SOUTH SAINT PAUL AND THE CITY OF INVER GROVE HEIGHTS FOR CITY PROJECT
2022-09I – CARMEN AVENUE AND CLAUDE WAY AREA STREET REHABILITATION**

WHEREAS, City Project 2022-09I includes a portion of Carmen Avenue (5th Avenue South) that is jointly owned by the City of Inver Grove Heights and South Saint Paul delineated by a common centerline; and

WHEREAS, the City of South Saint Paul has agreed to partner with the City of Inver Grove Heights for the construction of City Project 2023-09D and associated improvements to their portion of roadways within project limits; and

WHEREAS, a Joint Powers Agreement between both cities is necessary to identify the terms, responsibilities, and participation of each city for the project; and

WHEREAS, the City of Inver Grove Heights is the lead agency for the project and will be responsible for completing all contract administration, design work, and construction inspection; and

WHEREAS, the City of South Saint Paul will contribute project costs for all work performed on their portion of construction from the accepted bid tabulation plus a fee of 22 percent of contributing construction costs for associated legal, engineering, administrative, and finance (LEAF) costs; and

WHEREAS, staff recommends entering into a Joint Powers Agreement with the City of South Saint Paul for construction of their portion of roadways within this project's limits.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF INVER GROVE HEIGHTS,
THAT:**

1. Authorization is granted for execution of a Joint Powers Agreement for participation in construction and LEAF costs associated with City Project 2022-09I, Carmen Avenue and Claude Way Area Street Rehabilitation.
2. The City of Inver Grove Heights is responsible for contract administration, design, and construction inspection and all costs for construction work on City owned portions of roadways within project limits.
3. The City of South Saint Paul is responsible for construction and LEAF costs for construction work on City of South Saint Paul owned portion of roadways within project limits.

Adopted by the City Council of the City of Inver Grove Heights this 9th day of January 2023.

Brenda Dietrich, Mayor

ATTEST:

Rebecca Kiernan, City Clerk

**JOINT POWERS AGREEMENT
BETWEEN THE CITY OF INVER GROVE HEIGHTS AND THE
CITY OF SOUTH SAINT PAUL FOR THE
CARMEN AVENUE AND CLAUDE WAY AREA STREET
REHABILITATION PROJECT
IGH CITY PROJECT NO. 2022-09I
SSP CITY PROJECT NO. 2023-005**

THIS AGREEMENT is entered into between the **CITY OF INVER GROVE HEIGHTS**, a Minnesota municipal corporation (hereinafter referred to as "Inver Grove Heights") and the **CITY OF SOUTH SAINT PAUL**, a Minnesota municipal corporation (hereinafter referred to as "South Saint Paul"), with the parties collectively hereinafter referred to as the "Cities".

WHEREAS, the Cities desire to implement the design and construction of certain rights-of-way within the cities as identified in Exhibit A and depicted in Exhibit B1 and B2, attached hereto, as further delineated in the City of Inver Grove Heights as City Project No. 2022-09I, and in the City of South Saint Paul as City Project No. 2023-005 (the "Project"); and

WHEREAS, Minn. Stat. § 471.59 authorizes two or more governmental units to enter into agreements to jointly or cooperatively exercise any power common to the contracting parties or any similar power.

NOW, THEREFORE, in consideration of their mutual covenants the parties agree as follows:

1. PLANS, SPECIFICATIONS, TESTING, AND INPECTIONS.

A. WSB will prepare a feasibility report for the City of Inver Grove Heights and South Saint Paul will contract its own engineer for preparing a corresponding feasibility report. The City of Inver Grove Heights will prepare plans and specifications for the Project consistent with Municipal State Aid and the City's design standards. The plans and specifications must be approved by the Inver Grove Heights and South Saint Paul City Councils prior to advertisement for bids.

B. Inver Grove Heights will contract with a geotechnical firm to conduct all geotechnical work necessary for the preparation of plans and specifications and construction material testing. All geotechnical services will be a shared responsibility of both Cities.

C. Inver Grove Heights will supply or contract a construction inspector. All construction inspection services will be a shared responsibility of both Cities.

2. **BIDDING.** Inver Grove Heights will advertise for bids for the construction of the Project in accordance with Minnesota Law and will provide South Saint Paul with an analysis of the bids received. Inver Grove Heights must obtain South Saint Paul's concurrence with the award of the bid to a contractor.

3. **CONTRACT AWARD.** Inver Grove Heights shall prepare contract documents and enter into a contract with the approved bidder.

4. **COST ALLOCATION.** Cost for the project will be allocated separately for each City based on the actual bid tabulation. Relevant construction costs shall be paid by each City per the allocation of construction costs identified in this tabulation and adjusted per final contract costs. All other project costs shall be paid by South Saint Paul to Inver Grove Heights at 22% of contract cost for the portion of work allocated to the City of South Saint Paul. For purposes of this Joint Powers Agreement, all other project costs cover legal, engineering (including project management, construction administration, and construction inspection), administration, and finance (LEAF). Inver Grove Heights will add a 22% fee on work designated in Exhibit A as South Saint Paul's portion of the project for each applicable pay application processed. If a contract is not awarded for the project for any reason, the costs for work completed under Paragraph 1(A) will be divided between each City based on the percentage of miles within each City identified in Exhibit A to the total miles within the project.

5. **OWNERSHIP.** Each party shall own the portion of the Project located within its corporate boundaries.

6. **PAYMENT.** Inver Grove Heights will act as the paying agent for all payments to Contractors. Payments will be made as the Project work progresses and when certified by the Inver Grove Heights City Engineer. Inver Grove Heights, in turn, will bill South Saint Paul for applicable project costs. South Saint Paul shall reimburse Inver Grove Heights for its share of the costs incurred under this agreement within 30 days from the presentation of the claim. If any portion of an itemized claim is questioned by South Saint Paul, the remainder of the claim shall be promptly paid, and accompanied by a written explanation of the amounts in question. Payment of any amounts in dispute will be made following good faith negotiation and documentation of actual costs incurred in carrying out the work.

7. **CHANGE ORDERS AND SUPPLEMENTAL AGREEMENTS.** Any change orders or supplemental agreements that affect the project cost payable by South Saint Paul and changes to the plans must be approved by South Saint Paul prior to execution of work.

8. **RULES AND REGULATIONS.** Inver Grove Heights shall abide the City of Inver Grove Heights' Standard General Conditions of the Construction Contract (and any supplementary conditions thereto), and by Minnesota Department of Transportation standard specifications (and any supplemental specification thereto, including governing specifications of the project contract) and.

9. **INDEMNIFICATION.** Inver Grove Heights agrees to defend, indemnify, and hold harmless South Saint Paul against any and all claims, liability, loss, damage, or expense arising under the provisions of this Agreement and caused by or resulting from negligent acts or omissions of Inver Grove Heights and/or those of Inver Grove Heights employees or agents. South Saint Paul agrees to defend, indemnify, and hold harmless Inver Grove Heights against any and all claims, liability, loss, damage, or expense arising under the provisions of this Agreement for which South Saint Paul is responsible, including future operation and maintenance of facilities owned by South Saint Paul and caused by or resulting from negligent acts or omissions of South Saint Paul and/or those of South Saint Paul's employees or agents. All parties to this agreement recognize that liability for any claims arising under this agreement are subject to the provisions of the Minnesota Municipal Tort Claims Law; Minnesota Statutes, Chapter 466. In the event of any claims or actions filed against either party, nothing in this agreement shall be construed to allow a claimant to obtain separate judgments or separate liability caps from the individual parties.

10. **WAIVER.** Any and all persons engaged in the work to be performed by Inver Grove Heights shall not be considered employees of South Saint Paul for any purpose, including Worker's Compensation, and all claims that may or might arise out of said employment context on behalf of said employees while so engaged. Any and all claims made by any third party as a consequence of any act or omission on the part of said Inver Grove Heights employees while so engaged on any of the work contemplated herein shall not be the obligation or responsibility of South Saint Paul. The opposite situation shall also apply: Inver Grove Heights shall not be responsible under the Worker's Compensation Act for any employees of South Saint Paul.

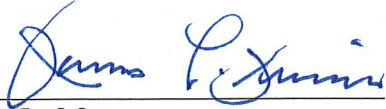
11. **AUDITS.** Pursuant to Minnesota Statutes § 16C.05, Subd. 5, any books, records, documents, and accounting procedures and practices of Inver Grove Heights and South Saint Paul relevant to the Agreement are subject to examination by Inver Grove Heights, South Saint Paul, and either the Legislative Auditor or the State Auditor as appropriate. Inver Grove Heights and South Saint Paul agree to maintain these records for a period of six years from the date of performance of all services covered under this agreement.

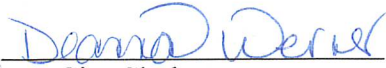
12. **INTEGRATION.** The entire and integrated agreement of the parties contained in this Agreement shall supersede all prior negotiations, representations, or agreements between Inver Grove Heights and South Saint Paul regarding the Project; whether written or oral.

13. **TERMINATION.** This Agreement shall continue until all warranty periods have expired for the work within the Project and all payments have been made under the terms of this Agreement. Either party may terminate this Agreement prior to award of the Contract for Project.

IN WITNESS THEREOF, the parties have caused this agreement to be executed by their duly authorized officials.

CITY OF SOUTH SAINT PAUL

BY: 
Its Mayor

AND 
Its City Clerk

CITY OF INVER GROVE HEIGHTS

BY: _____
Its Mayor

AND _____
Its City Clerk

EXHIBIT A
Rights-of Way Included in Project

SOUTH SAINT PAUL

5th Ave S (Carmen Ave.) from approximately 620 feet north of the centerline of Claude Way to 57th Street East (east half of roadway)

INVER GROVE HEIGHTS

5th Ave S (Carmen Ave.) from approximately 620 feet north of the centerline of Claude Way to 57th Street East (west half of roadway)

Carmen Ave from 65th St E to approximately 620 feet north of Claude Way

Claude Way from the south intersection of Claude Way and Carmen Ave to the north intersection of Claude Way and Carmen Ave

EXHIBIT B1
Depiction of Rights-of Way Included in Project

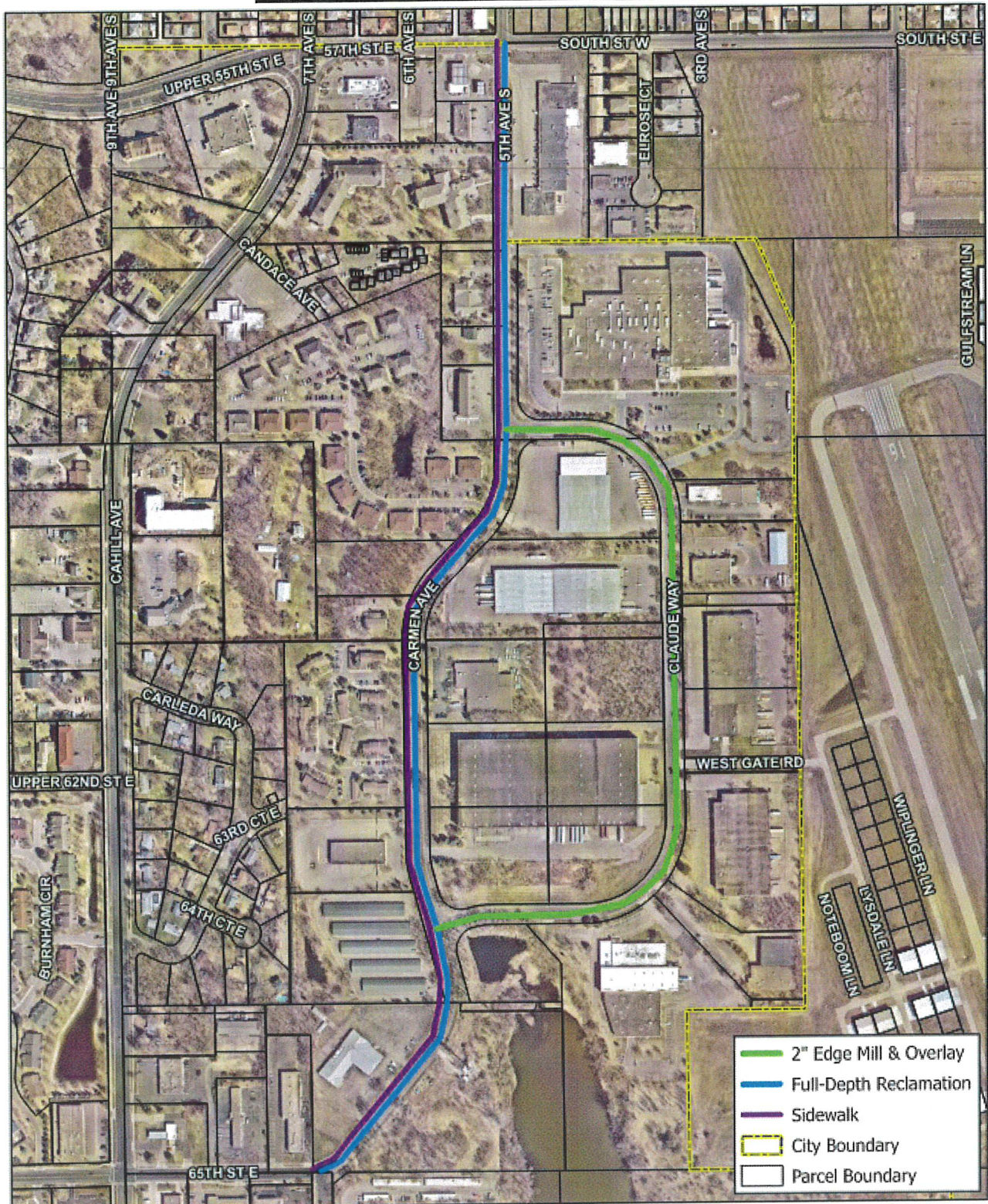
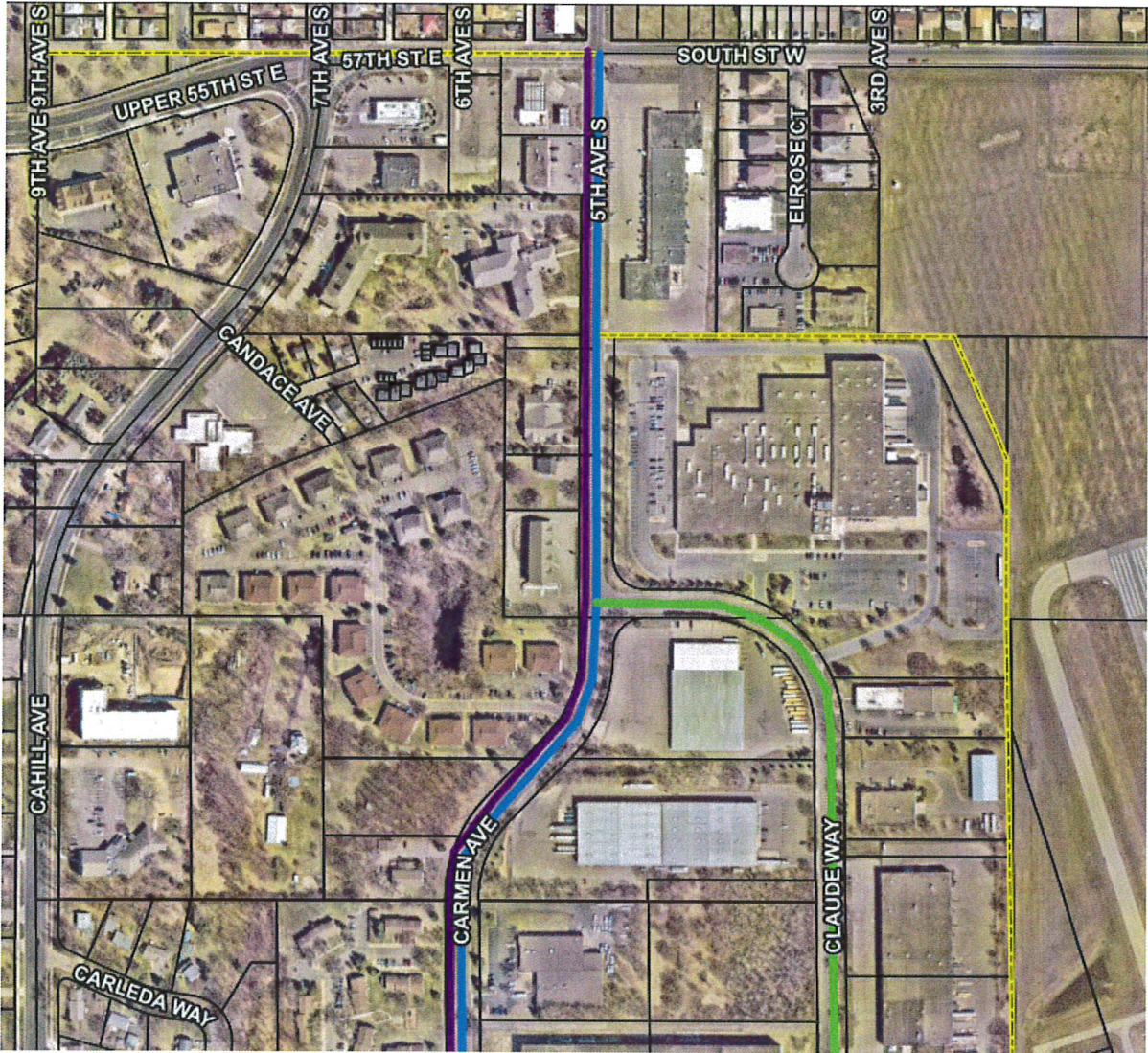


EXHIBIT B2
Depiction of South Saint Paul Rights-of Way Included in Project



Request for Council Action

SUBJECT: Authorization to Re-Advertise for Bids for Heritage Village Park – Phase 4.

MEETING DATE: January 9, 2023

ITEM TYPE: Consent Agenda

CONTACT: Adam Lares, Parks & Recreation Director, 651.450.2587

ACTION REQUESTED

The Council is asked to authorize staff to re-advertise for bids for Heritage Village Park – Phase 4.

BACKGROUND

On June 27, 2022, Council approved final plans and specifications and authorized staff to seek bids for Heritage Village Park Phase 4. Following the meeting, on June 29, 2022, advertisements for bids were published through July 20, 2022. As a result, one bid was submitted which came in at \$1.8 million, well over the \$1.5 million Engineer's Construction Estimate for the project.

Based on the bid results, the City's consultant firm and staff recommended that the City consider rejecting this bid and allowing the project to be rebid in January 2023 to allow for a more competitive bidding process. At its August 8, 2022 meeting, the Council rejected all bids for Heritage Village Park Phase 4.

Staff is now prepared to re-bid on the project, which has no changes to the plans and specifications.

As a reminder, development of Heritage Village Park is proceeding in phases, as outlined in the previously adopted park master plan. Phase 4 of the park includes construction of a roundhouse shelter, covered bench seating, concrete walkways, drinking fountains and restroom building, plus landscaping. Earlier phases involved land acquisition, development of the off-leash dog park, construction of some of the planned parking, retaining walls, fencing and walkways. Once Phase 4 is completed, the next phase is envisioned to be construction of an inclusive playground and splash pad, once funding is available.

If authorized by Council, the anticipated schedule for Phase 4 is as follows:

January 9, 2023	City Council approve Plans and Specs and Authorize Bidding
January 11, 2023	Bid Published (Pioneer Press & City Website)
February 1, 2023	Review of Bids
February 13, 2023	Recommendation to City Council for Award of Contract
Spring 2023	Construction

December 2023	Final Constrction
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FISCAL IMPACT

The specific action of authorizing staff to re-seek bids has no financial cost. If a bid is accepted and a construction contract is awarded, funding for the project would come from the City's Park Acquisition and Development Fund (Fund 402) and a DNR grant. Money in this fund comes from park dedication fees paid by development and it may be used only for the acquisition and development of new parks. It cannot be used for park maintenance, redevelopment of existing parks, or any other city need such as streets, utilities or public safety. The fund has a current balance of \$5,399,227.

The updated estimated project cost is as follows:

Estimated Construction Cost	\$1,782,863
Deduct Alternate Bid (reduced from 3 bathrooms to 2)	-\$44,240
5% Construction Contingency	\$90,000
Site Amenities (purchased direct through the City for cost savings)	\$52,500
Estimate Construction Administrative Services (depends on scope and bids)	\$50,000 - \$70,000
Subtotal	\$1.93 to \$2 million

Funding for Heritage Village Park - Phase 4 would come primarily from the City's Park Acquisition and Development Fund (Fund 402). The chart below shows the current balance of this fund, as well as very high-level estimates of allocations for other park needs and projects on the horizon. In summary, it shows that funds are available to proceed with this project, and to also develop other identified parks in the City's northwest area (NWA), Vista Pines Park Trail Connection, and maintain a healthy balance in the Fund for future needs and opportunities.

Project List	Balance	Year to Complete
Fund 402 Balance as of 11/30/22	\$5,399,227	
Vista Pines Trail Connection Design Services - Kimley Horn	-\$54,400	2022/2023
Vista Pines Trail Construction (estimated)	-\$200,000	2022/2023
NWA - Peltier Pocket Park Development - (estimated)	-\$500,000	2022/2023
NWA - Highlands Pocket Park Development - (estimated)	-\$500,000	2022/2023
NWA - WSB Park Design (Highlands & Peltier)	-\$61,300	2022/2023
NWA - Park #4 - (estimated)	-\$1,000,000	TBD

Heritage Village Park – Phase 4 (estimated after DNR Grant)	-\$1,532,863	2023
HVP-Phase 4 5% Construction Contingency, Site Amenities, Construction Administration (estimated)	-\$212,000	2023
Seidles Lake Park Trail Connection (South St. Paul / DNR Grant)	-\$175,000	2023/2024
Total	\$1,163,664	

RECOMMENDATION

Staff recommends Council authorize staff to re-advertize for bid for Heritage Village Park Phase 4.

ATTACHMENTS

1. 020153-000 Heritage Village Park 2022.12.28
2. 020153-000_Bid Form Est_2023-0103
3. 020153-000_HVP Final Design Summary_2023-0104
4. Heritage Village Park Drawings-Architectural plan package

GENERAL NOTES:

CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BIDDING AND CONSTRUCTION START. CONTRACTOR IS RESPONSIBLE FOR ALL LOCATES. ALL LOCATES SHALL BE REVIEWED BY THE OWNER/LA-E PRIOR TO CONSTRUCTION START.

CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING STRUCTURES, UTILITIES, TREES, SITE AMENITIES, ETC. THAT ARE TO REMAIN FROM DAMAGE DURING CONSTRUCTION.

CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY DAMAGE TO EXISTING ITEMS TO REMAIN (AT CONTRACTOR'S EXPENSE) AND IS CONSIDERED INCIDENTAL TO THE CONTRACT.

DIMENSIONS TAKE PRECEDENCE OVER SCALE. DIMENSIONS ARE TO BACK OF CURB WHERE APPLICABLE, UNLESS STATED OTHERWISE. FIELD VERIFY (FV) ITEMS SHALL BE FIELD VERIFIED BY THE CONTRACTOR.

** ANY DISCREPANCIES FOUND THAT AFFECT THE WORK SHALL BE REPORTED TO THE OWNER/LA-E. FOR CLARIFICATION PRIOR TO ANY ADDITIONAL WORK BEING COMPLETED.

CONSTRUCTION STAGING AND ACCESS AREAS:

THE OWNER SHALL FIELD VERIFY THE LOCATION OF CONSTRUCTION ACCESS AT THE TIME OF CONSTRUCTION.

THE CONTRACTOR SHALL VERIFY W/THE OWNER THAT THE REQUIRED PERMITS ARE ISSUED PRIOR TO USE OF ACCESS POINTS.

THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A ROCK ACCESS DRIVE FOR THE DURATION OF CONSTRUCTION.

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

GENERAL SITE & VEGETATION REMOVALS:

ALL REMOVALS WILL BE COMPLETED BY THE CONTRACTOR, UNLESS SPECIFIED OTHERWISE. ALL REMOVALS LISTED INCLUDE REMOVAL OF ALL ATTACHMENTS AND FOOTINGS (AS ENCOUNTERED). CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL ITEMS OFF-SITE, UNLESS SPECIFICALLY APPROVED OTHERWISE BY LA-E.

ALL ITEMS AND TREES NOT SPECIFICALLY MARKED FOR REMOVAL OR RELOCATION SHALL REMAIN PROTECTED AND UNDISTURBED DURING CONSTRUCTION. ANY DAMAGE TO TREES AND ITEMS THAT ARE TO REMAIN SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.

UTILITY LOCATIONS NOTE:

PRIOR TO BEGINNING WORK ON THIS PROJECT, THE CONTRACTOR SHALL HAVE ALL UTILITY LOCATIONS MARKED ON THE PROJECT SITE. ALL LOCATES SHALL BE INCIDENTAL TO THE PROJECT.

STATE LAW: 48 HOURS BEFORE EXCAVATING, CALL GOPHER STATE ONE-CALL AT 811 OR 651-454-0002 FOR FIELD LOCATION OF UNDERGROUND UTILITY LINES. THIS IS A FREE SERVICE WHICH WILL LOCATE UTILITY-COMPANY LINES, BUT WILL NOT LOCATE CITY OR PRIVATELY OWNED LINES.

PROJECT LAYOUT NOTES:

THE LAYOUT INFORMATION PROVIDED ON THIS SHEET IS FOR BIDDING PURPOSES AND VERIFICATION OF CRITICAL LAYOUT DIMENSIONS. THE OWNER/LA-E. RESERVES THE RIGHT TO REVISE THE PROJECT LAYOUT TO AVOID UNFORESEEN CONSTRAINTS, SUCH AS MATURE TREES, UNFORESEEN SOIL CONSTRAINTS, ETC. THESE ADJUSTMENTS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. CHANGES IN BID QUANTITIES WILL BE BASED ON A PER UNIT BASIS FOR UNIT BID ITEMS LISTED ON THE BID FORM.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR GENERATION OF LAYOUT POINTS BASED ON THE 2-DIMENSIONAL CAD DATA PROVIDED AND PROJECT FIELD GRADE STAKING AT THE CONTRACTORS EXPENSE. SURVEYING MUST BE COMPLETED BY A REGISTERED LAND SURVEYOR IN THE STATE OF MINNESOTA.

TO AVOID LAYOUT CONFLICTS OR UNCERTAINTIES, THE CONTRACTOR AND SURVEYOR SHALL MEET WITH THE LA-E/OWNER AT THE START OF THE PROJECT TO REVIEW SITE LAYOUT AND GRADING REQUIREMENTS. THE CONTRACTOR AND/OR SURVEYOR SHALL ALSO INITIATE A MEETING WITH THE LA-E/OWNER AT ANY POINT WHEN QUESTIONS ARISE.

FIELD STAKING AND GRADE STAKES SHALL BE REVIEWED AS NECESSARY WITH THE LA-E TO ENSURE THAT THE LAYOUT AND GRADING ARE PROPERLY INTERPRETED.

EROSION/SEDIMENT CONTROL NOTES:

SEDIMENT CONTROL MUST BE IN PLACE AND APPROVED BY THE ENGINEER BEFORE ANY PHASE OF CONSTRUCTION CAN BEGIN. IN THE EVENT THAT PERMANENT STABILIZATION CANNOT BE IMPLEMENTED WITHIN 7 DAYS AFTER CONSTRUCTION ACTIVITY IN THE DISTURBED AREA HAS CEASED, TEMPORARY STABILIZATION BMPS MUST BE SCHEDULED TO OCCUR WITHIN THAT 7 DAY TIME FRAME.

STOCKPILES TO RECEIVE TEMPORARY STABILIZATION IF UNWORKED FOR 7 DAYS.

SEDIMENT CONTROL SILT FENCING SHALL BE ERECTED ALONG THE INSIDE OF THE CONSTRUCTION LIMITS IN ALL AREAS OF THE SITE WHERE DRAINAGE FLOWS MAY CAUSE SEDIMENT TO BE DEPOSITED ON ADJACENT OFF-SITE PROPERTIES OR IN AREAS BEYOND THE CONSTRUCTION LIMITS - REFER TO PLAN.

THE CONTRACTOR SHALL PROTECT ALL EXISTING AND PROPOSED CATCHBASINS AND STORM SEWERS FROM SILTATION BY INSTALLING AND MAINTAINING SEDIMENT CONTROL FENCING AROUND ALL STRUCTURES FOR THE DURATION OF THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL CLEAN SILT BUILD-UP FROM ALL STORM SEWERS AFFECTED BY CONSTRUCTION, AS REQUIRED, DURING CONSTRUCTION AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATE CLEANING OF ALL MUD, DIRT AND DEBRIS IN PUBLIC STREETS.

ADDITIONAL EROSION AND SEDIMENT CONTROL MAY BE ADDED DURING ANY PHASE OF CONSTRUCTION AS DIRECTED BY THE ENGINEER.

CONTRACTOR TO BE RESPONSIBLE FOR ALL SEDIMENT AND EROSION CONTROL MAINTENANCE.

REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

EROSION PREVENTION PRACTICES:

STABILIZATION OF DISTURBED AREAS SHALL BE DONE BY PERMANENT TURF ESTABLISHMENT WHENEVER POSSIBLE.

DEWATERING AND BASIN DRAINING:

IN THE EVENT THAT DEWATERING OPERATIONS NEED TO OCCUR, A DEWATERING PLAN MUST BE SUBMITTED AND APPROVED BY THE ENGINEER BEFORE ANY OPERATIONS TAKE PLACE. THE PLAN MUST BE DEVELOPED IN ACCORDANCE WITH THE SWPPP GUIDELINES.

POLLUTION PREVENTION MANAGEMENT MEASURES:

A ROCK CONSTRUCTION ENTRANCE/EXIT SHALL BE PLACED AT ALL ENTRANCES LEADING INTO THE PROEJCT SITE IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN AND THE APPROVED STANDARD DETAILS.

ALL STREETS IN AND ADJACENT TO THE PROJECT SHALL REMAIN CLEAN AND PASSABLE AT ALL TIME. ADJACENT STREET SHALL BE SWEPT FREE OF DEBRIS AT THE END OF EACH WORK DAY OR AS OFTEN AS NEEDED TO ENSURE PUBLIC SAFETY.

A SIGN MUST BE INSTALLED ADJACENT TO EACH CONCRETE WASHOUT FACILITY.

ALL HAZARDOUS MATERIALS MUST BE KEPT UNDER COVER AND WITHIN PROPER CONTAINMENT WHEN NOT IN USE.

SPOT GRADES AND DRAINAGE REQUIREMENTS:

THE CONTRACTOR AND SURVEYOR SHALL REVIEW ALL GRADING WITH THE LA-E PRIOR TO CONSTRUCTION TO ENSURE PROPER DRAINAGE AND GRADING.

THE INTENT OF ALL PROPOSED SPOT GRADES AND GRADING IN GENERAL IS TO MATCH EXISTING GRADES ADJACENT TO NEW CONSTRUCTION AND TO ENSURE PROPER DRAINAGE AND BLENDING OF NEW GRADES WITH EXISTING ONES. SPOT GRADES SHOWN ARE TO FINISHED GRADE. CONTRACTOR SHALL SUBCUT IN ACCORDANCE WITH THE PLANS, DETAILS AND SPECIFICATIONS. CONTRACTOR SHALL FIELD VERIFY AND CONFIRM ALL GRADES WITH THE LA-E AFTER INITIAL SURVEY / STAKING WORK AND PRIOR TO START OF GRADING OPERATIONS.

REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND INFORMATION.

TOPSOIL & EARTHWORK REQUIREMENTS:

TOPSOIL SHALL BE STRIPPED FROM ALL DISTURBED AREAS AND STOCKPILED IN PILES NOT EXCEEDING 8 FEET IN DEPTH FOR RESPREAD. ALL TOPSOIL SHALL BE FULLY REMOVED FROM AREAS TO BE PAVED AND REPLACED WITH COMPACTIBLE SOILS - REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION. NOTE: LOCATION OF STOCKPILE SHALL BE DETERMINED BY THE OWNER/LA-E IN THE FIELD. STOCKPILE AREA WILL REQUIRE SILT FENCE AROUND IT. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

A MIN. 6" DEPTH OF STOCKPILED TOPSOIL SHALL BE PLACED ON ALL AREAS, EXCLUDING AREAS THAT ARE HARD SURFACED, OR STATED OTHERWISE. THE TOPSOIL SHALL BE FINE GRADED, RAKED AND DRAGGED TO PROVIDE A SMOOTH, UNIFORM SURFACE. TOPSOIL GRADES SHALL BE WITHIN .05 FEET OF INDICATED FINISHED GRADE AND SHALL BE TRUE TO GRADIENTS SHOWN ON PLANS.

FERTILIZATION REQUIREMENTS:

PRIOR TO RESTORATION AND PLANTING, APPLY SOIL AMENDMENTS ACCORDING TO THE FOLLOWING:

TYPE 1 TURF SEED:
MnDOT TYPE 1 FERTILIZER WITH 10-10-10 OR 20-10-20 NUTRIENT ANALYSIS. AMMONIUM SULFATE OR SULFUR COATED UREA SHALL BE USED TO SUPPLY THE NITROGEN FERTILIZER AND SHALL BE MINIMUM 40 LBS AND MAXIMUM 45 LBS. NITROGEN/ACRE

APPLY FERTILIZERS UNIFORMLY IN TWO DIRECTIONS WITH A MECHANICAL SPREADER. SWEEP UP ANY FERTILIZER ACCIDENTALLY APPLIED ON WALKS/PAVEMENTS/ETC. TO PREVENT MOVEMENT TO STORM SEWERS, LAKES & STREAMS. WATER THE SITE THOROUGHLY AFTER FERTILIZING TO DISSOLVE THE NUTRIENTS.

ALL FERTILIZATION SHALL BE CONSIDERED INCIDENTAL TO THE RESTORATION OPERATIONS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

PLANTING NOTES:

PLANTING BEDS SHALL BE PREPARED IN THE FOLLOWING MANNER:

- REMOVE ALL EXISTING VEGETATION AND GROUND COVER.
- SPRAY THE PLANTING BED AREA WITH ROUND-UP DURING WARM, DRY WEATHER. LET IT SIT FOR A MINIMUM OF TWO WEEKS AND THEN THOROUGHLY REMOVE ALL REMAINING GROUND COVER VEGETATION AND ROOT SYSTEMS.
- ROTOTILL THE PLANTING BED TO LOOSEN UP THE SOIL. RAKE SMOOTH WHEN DONE AND REMOVE ALL ROCKS AND DEBRIS ENCOUNTERED.
- TRENCH THE EDGE OF THE PLANTING BEDS OR INSTALL LANDSCAPE EDGING TO DELINEATE PLANTING BED FROM TURF AREAS AS INDICATED ON PLANS.
- SET PLANTS OUT ACCORDING TO PLAN AND ADJUST SPACING AS NEEDED FOR BEST FIT.
- INSTALL ALL PLANTS AS PER PLANTING PLANS AND DETAILS.
- DO NOT ALLOW PLANTS TO DRY OUT DURING INSTALLATION.
- LIGHTLY TAMP SOILS AROUND THE PLANTS AFTER PLANTING.

- WATER PLANTING BED THOROUGHLY. STICK A HOSE IN THE SOIL AROUND THE BASE OF THE PLANTED VEGETATION TO IDENTIFY AIR/SINK HOLES. FILL IN WITH SOIL AS NECESSARY.
- INSTALL WOOD MULCH TO SPECIFIED DEPTH. PULL MULCH AWAY FROM STEMS/TRUNKS OF ALL PLANTS AND FORM A WELL AROUND THE BASE OF THE PLANTS AS INDICATED IN THE PLANTING DETAIL.
- WATER PLANTING BED THOROUGHLY SO WATER SATURATES THE MULCH LAYER.
- THOROUGHLY WATER THE PLANTING BED 2 TO 3 TIMES THE FIRST WEEK OF PLANTING AND 1 TO 2 TIMES PER WEEK (AS NEEDED) UNTIL MAINTENANCE PERIOD IS COMPLETE.

FINAL RESTORATION NOTES:

ALL DISTURBED AREAS WITHIN CONSTRUCTION LIMITS THAT ARE NOT HARD SURFACED, OR INDICATED OTHERWISE, SHALL BE SEEDED WITHIN 7 DAYS OF FINISHED GRADING OPERATIONS, IN ACCORDANCE WITH THE LANDSCAPE RESTORATION PLAN AND SPECIFICATIONS. UPON SEEDING, ALL DISTURBED AREAS SHALL RECEIVE MNDOT CATEGORY 20 ECB PER MNDOT SPECIFICATIONS, UNLESS NOTED OTHERWISE.

ALL AREAS OUTSIDE OF CONSTRUCTION LIMITS THAT ARE DISTURBED DURING CONSTRUCTION SHALL BE SEEDED AND STABILIZED BY THE CONTRACTOR, AT CONTRACTOR'S EXPENSE.

APPROVED:

Brian D. Connolly, PE
Public Works Director, Inver Grove Heights

12/27/2022

Date

No changes or revisions to this plan are allowed without the written approval from the above signatory, their successor, or their designee

SCALE: DESIGN BY:

CA

PLAN BY:

HW

CHECK BY:

CA

REVISIONS

DESCRIPTION

DATE

NO.

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

Candace Amberg

40646

LIC. NO.

DATE: 12-28-2022

GENERAL NOTES

HERITAGE VILLAGE PARK
CITY OF INVER GROVE HEIGHTS

CLIENT PROJECT NO.

2117

WSB PROJECT NO.

020153-000

SHEET

L1.1

PROJECT NAME: IGH HERITAGE VILLAGE PARK PHASE 4 **PROJECT NUMBER:** WSB 020153-000
PROJECT LOCATION: **STREET:** DOFFING AVE **CITY:** INVER GROVE HEIGHTS **COUNTY:** DAKOTA
STATE: MINNESOTA **ZIP:** 55076 **LATITUDE/LONGITUDE:** 44.8578/-93.0173

THE PLANNED SCOPE OF THE PROJECT INCLUDES:
THE CITY OF INVER GROVE HEIGHTS IS PROPOSING PHASE FOUR PARK DEVELOIPMENTS TO HERITAGE ARK. PARK IMPROVEMENTS WILL INCLUDE A SHELTER AND PATHWAY WITHIN THE PARK AREA ADJACENT TO DOFFING AVE IN INVER GROVE HEIGHTS, MN.

TENTATIVE CONSTRUCTION SCHEDULE (OPERATOR SHOULD PROVIDE ESTIMATED CONSTRUCTION SCHEDULE TO THE ENGINEER)	
CONSTRUCTION ACTIVITIES:	ESTIMATED DATES OF SOIL DISTURBANCE ACTIVITIES:
TEMPORARY SEDIMENT CONTROL BMPs & REMOVALS	SEPT 2022
GRADING & UTILITY WORK	SEPT 2022 - JUNE 2023
CURB & PAVEMENT	SEPT 2022 - JUNE 2023
FINAL STABILIZATION	JUNE 2023

PROJECT PERSONNEL AND TRAINING

SWPPP DEVELOPER:
WSB (NIKLAS MARTENSSON)
701 XENIA AVE S, SUITE 300
GOLDEN VALLEY, MN 55416
612.271.4385/NMARTENSSON@WSBENG.COM

CONTRACTOR TO PROVIDE CERTIFICATION OF EROSION CONTROL OFFICER AND ANY OTHER CREW MEMBERS WHO WILL WORK ON THE IMPLEMENTATION OF THE SWPPP AND THE INSTALLATION, INSPECTION, AND MAINTENANCE OF THE EROSION PREVENTION AND SEDIMENT CONTROL BMPs BEFORE, DURING, AND AFTER CONSTRUCTION UNTIL THE NOTICE OF TERMINATION (NOT) HAS BEEN FILED WITH THE MPCA. PROVIDE PROOF OF CERTIFICATION AT THE PRECONSTRUCTION MEETING. WORK WILL NOT BE ALLOWED TO COMMENCE UNTIL PROOF OF CERTIFICATION HAS BEEN PROVIDED TO THE PROJECT ENGINEER.

CHAIN OF RESPONSIBILITY

THE CITY OF INVER GROVE HEIGHTS AND THE CONTRACTOR ARE CO-PERMITTEES FOR THE NPDES CONSTRUCTION GENERAL PERMIT. THE CONTRACTOR IS RESPONSIBLE TO COMPLY WITH ALL ASPECTS OF THE NPDES CONSTRUCTION PERMIT AT ALL TIMES UNTIL THE NOTICE OF TERMINATION (NOT) HAS BEEN FILED WITH THE MPCA.

NAME	COMPANY	TITLE	PHONE
ADAM LARES	CITY OF INVER GROVE HEIGHTS	OWNER CONTACT	651-450-2587

AGENCY CONTACTS

ORGANIZATION	CONTACT NAME	PHONE
MPCA (EMERGENCY) 24 HOUR	STATE DUTY OFFICER	1-800-422-0798
MPCA	MCKENNA RODINE	651-757-2203
CITY OF INVER GROVE HEIGHTS	ALEXANDRA HILLSTROM	651-604-8511
DAKOTA SWSD	BRAIN WATSON	651-480-7778
EAGAN-INVER GROVE HEIGHTS WMO	ASHLEY GALLAGHER	651-480-7781

LOCATION OF SWPPP REQUIREMENTS

THE REQUIRED SWPPP ELEMENTS MAY BE LOCATED IN MANY PLACES WITHIN THE PLAN SET AS WELL AS IN ON FILE WITH THE CITY OF INVER GROVE HEIGHTS.

DESCRIPTION	LOCATION
TEMPORARY/PERMANENT EROSION CONTROL MEASURES	SHEET NO. L1.2 - L1.4
DIRECTION OF FLOW	SHEET NO. L1.2 - L1.4
CONSTRUCTION NOTES & STANDARD PLATES	SHEET NO. L3.0 - L4.2
DRAINAGE PLAN & CONSTRUCTION PLAN	SHEET NO. L1.2 - L1.4
BMP TABULATION	L1.1
STORMWATER CALCULATIONS	DRAINAGE REPORT & HYDRAULIC REPORT. AVAILABLE UPON REQUEST

RECEIVING WATERS

A SPECIAL AND IMPAIRED WATERS SEARCH WAS COMPLETED USING THE MPCA SEARCH ENGINE ON 06/10/2022. BASED ON THIS REVIEW, THE FOLLOWING SPECIAL/IMPAIRED WATERS (WITH CONSTRUCTION RELATED IMPAIRMENTS) ARE LOCATED WITHIN ONE MILE OF, AND DOWNSTREAM OF, ANY PROJECT DISCHARGE POINTS. PARTS 23.9 & 23.10 OF THE NPDES PERMIT APPLY.

WATERBODY	IMPAIRMENT(S)
MISSISSIPPI RIVER	FECAL COLIFORM, MERCURY IN FISH TISSUE, MERCURY IN THE WATER COLUMN, NUTRIENTS, PCB IN FISH TISSUE, PERFLUOROOCTANE SULFONATE IN FISH TISSUE, PERFLUOROOCTANE IN WATER COLUMN, AND TOTAL SUSPENDED SOILIDS

AREAS OF ENVIRONMENTAL SENSITIVITY (AES) AND INFESTED WATERS

IN ADDITION TO THE LIST OF SPECIAL AND IMPAIRED WATERS, THE CONTRACTOR SHALL BE AWARE THAT THERE EXISTING STORMWATER FACILITIES WITHIN AND NEAR THE PROJECT BOUNDARY. THERE IS A MAP OF KNOWN NATURAL RESOURCES ON THE LAST PAGE OF THE SWPPP NARRATIVE. AREAS OF ENVIRONMENTAL SENSITIVITY ARE ALSO CALLED OUT ON THE PLAN SHEETS.

SOIL TYPES

A PROJECT WIDE GEOTECHNICAL REPORT WAS COMPLETED DURING THE DESIGN PHASE. REFERENCING THE DAKOTA COUNTY GEOLOGIC ATLAS, THE SURFICIAL GEOLOGY IS COARSE ALLUVIUM WITH THE CHANCE THAT SHALLOW BEDROCK MAY BE ENCOUNTERED. FILL

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) NARRATIVE

CONSISTING OF SANDS WITH CLAY, CLAYEY SAND, SANDS WITH SILT AND WEATHERED LIMESTONE MAY ALSO BE UNCOVERED. ADDITIONAL SOIL INFORMATION CAN BE FOUND IN THE GEOTECHNICAL REPORT, LOCATED WITHIN THE PROJECT SPECIFICATIONS. ADDITIONALLY, SOIL CLASSES (HEL, PHEL, AND NHEL SOIL TYPES) CAN BE FOUND IN FIGURE 1. SWPPP RESOURCE MAP, LOCATED ON THE LAST PAGE OF THIS NARRATIVE.

NATIVE TOPSOIL WILL BE STRIPPED; IF MATERIAL NEEDS TO BE STOCKPILED, APPROPRIATE ACTION WILL TAKE PLACE TO ENSURE THE STOCKPILES HAVE ALL PROPER BMPs IN PLACE ACCORDING TO THIS SWPPP AND THE NPDES PERMIT.

ENVIRONMENTAL REVIEW

NO FORMAL ENVIRONMENTAL REVIEW WAS REQUIRED FOR THIS PROJECT. HOWEVER, A PHASE 1 ENVIRONMENTAL ASSESMENT WAS COMPLETED FOR AN ERALIER PHASE AT THE SAME LOCATION. REVIEW AND NECESSARY ACTION PLANS SHOULD BE FOLLOWED AS NEEDED.

WETLANDS: WHILE NO WETLANDS IMPACTS ARE ANTICIPATED WITH THIS PROJECT, ALL WETLAND AREAS WILL BE PROTECTED WITH PERIMETER CONTROL AND A 50' NATURAL BUFFER (IF INFEASIBLE, REDUNDANT PERIMETER CONTROL MEASURES), INCLUDING AREAS THAT ARE PERMITTED TO BE FILLED AND/OR EXCAVATED UNTIL WORK IN THE PERMITTED AREAS ARE NECESSARY. REDUNDANT BMP MEASURES MUST BE PLACED 3-5' FROM THE INITIAL PERIMETER CONTROL MEASURE WITH A STABILIZED BUFFER STRIP BETWEEN THE BMPs.

THREATENED/ENDANGERED SPECIES: DAKOTA COUNTY LISTS THE NORTHERN LONG-EARED BAT AS THREATENED/ENDANGERED SPECIES WITHIN THE COUNTY. BASED ON THE CONSTRUCTION ACTIVITIES, IT IS DETERMINED THAT THE PROJECT WILL HAVE NO EFFECT ON THESE SPECIES OR THEIR HABITATS. HOWEVER, IF THESE SPECIES ARE FOUND, CONTRACTOR TO STOP WORK IMMEDIATELY FOR FURTHER INVESTIGATION.

DRINKING WATER/WELLS: ACCORDING TO THE MDH, THE PROJECT IS NOT LOCATED WITHIN ANY DRINKING WATER SUPPLY MANAGEMENT AREA (DWSMA) OR NEAR ANY WELLHEAD PROTECTION AREAS. HOWEVER, THERE ARE NUMEROUS SEALED WELLS LOCATED THROUGHOUT THE PROJECT SITE. PLEASE REFER TO THE RAP ENVIRONMENTAL DOCUMENT FOR KNOWN LOCATIONS. AFTER FIELD VERIFICATION, PROTECT AS NEEDED.

CONTAMINATED PROPERTIES: THE MPCA'S "WHAT'S IN MY NEIGHBORHOOD" DATABASE WAS REVIEWED ON 06/10/2022. PLEASE REFER TO THE PREVIOUSLY COMPLETED PHASE I ENVIRONMENTAL ASSESSMENT AND ENVIRONMENTAL COVENANT FOR THE AREA. CONTRACTOR MUST REVIEW AND ADHERE TO THE STEPS OUTLINED IN THAT DOCUMENT.

FLOOD CONTINGENCY PLAN: PROJECT ACTIVITIES ARE NOT LOCATED WITHIN THE 100-YEAR FLOODPLAIN OR FLOODWAY; HOWEVER, THE PROJECT ENGINEER (AT THEIR DISCRETION) MAY REQUIRE A PREVENTATIVE FLOOD CONTINGENCY PLAN FOR SPECIFIC PROJECT ACTIVITIES AND AREAS IF SEASONAL PRECIPITATION POSSES A POTENTIAL RISK OF FLOODING WORK AREAS WITHIN THE PROJECT LIMITS. THIS PLAN SHALL BE SUBMITTED BY THE OPERATOR TO THE PROJECT ENGINEER FOR APPROVAL A MINIMUM OF 72 HOURS PRIOR TO THE SCHEDULED WORK AND/OR DURING ACTIVE WORK WITHIN THE AREA OF POTENTIAL RISK OF FLOODING. NO WORK CAN COMMENCE IN THE AREA UNTIL WRITTEN APPROVAL HAS BEEN GRANTED BY THE PROJECT ENGINEER.

FISH EXCLUSION DATES: PROJECT ACTIVITIES ARE NOT PROPOSED WITHIN ANY DNR WATERBODIES. FISH EXCLUSION DATES DO NOT APPLY TO THIS PROJECT.

LAND FEATURE CHANGES

TOTAL AREA TO BE DISTURBED = 0.9 ACRES
IMPERVIOUS AREA: PRE-CONSTRUCTION = 0.0 ACRES/POST-CONSTRUCTION = 0.2 ACRES
NET INCREASE OF IMPERVIOUS AREA = 0.2 ACRES

LONG TERM MAINTENANCE AND OPERATION:

THE NPDES PERMANENT STORMWATER TREATMENT SYSTEM (PART 15.1) FROM THE NET NEW IMPERVIOUS SURFACES OF THE PROJECT IS PROVIDED IN THE TWO CONSTRUCTED FILTRATION BASINS LOCATED TO THE SOUTH AND NORTHEASTERN PORTIONS OF THE SITE.

STABILIZATION TIME FRAMES

AREA	TIME FRAME	NOTES
EXPOSED AREAS	IMMEDIATELY AND NO LATER THAN 7 DAYS OF BEING UNWORKED	1, 4, 5
LAST 200 LINEAL FEET OF DRAINAGE DITCH/SWALE	WITHIN 24 HOURS OF CONNECTION TO SURFACE WATER/PROPERTY EDGE	1, 2, 3
REMAINING PORTIONS OF DRAINAGE DITCH OR SWALE	7 DAYS	1, 3
PIPE AND CULVERT OUTLETS	24 HOURS	
STOCKPILES	7 DAYS	1

- INITIATE STABILIZATION IMMEDIATELY WHEN CONSTRUCTION HAS TEMPORARILY OR PERMANENTLY CEASED ON ANY PORTION OF THE SITE. COMPLETE STABILIZATION WITHIN THE TIME FRAME LISTED. IN MANY INSTANCES THIS WILL REQUIRE STABILIZATION TO OCCUR MORE THAN ONCE DURING THE COURSE OF THE PROJECT. TEMPORARY SOIL STOCKPILES WITHOUT SIGNIFICANT CLAY OR SILT AND STOCKPILED AND CONSTRUCTED ROAD BASE ARE EXEMPT FROM THE STABILIZATION REQUIREMENT.
- STABILIZE WETTED PERIMETER OF DITCH (I.E. WHERE THE DITCH GETS WET).
- APPLICATION OF MULCH, HYDROMULCH, TACKIFIER AND POLYACRYLAMIDE ARE NOT ACCEPTABLE STABILIZATION METHODS IN THESE AREAS.
- STABILIZE ALL AREAS OF THE SITE PRIOR TO THE ONSET OF WINTER. ANY WORK STILL BEING PERFORMED WILL BE MULCHED OR BLANKETED WITHIN THE TIME FRAMES IN THE NPDES PERMIT.
- KEEP DITCHES AND EXPOSED SOILS IN AN EVEN ROUGH GRADED CONDITION IN ORDER TO BE ABLE TO APPLY EROSION CONTROL MULCHES, HYDROMULCHES, AND BLANKETS.

SITE INSPECTION AND MAINTENANCE

THE EROSION CONTROL OFFICER IS TO INSPECT THE ENTIRE CONSTRUCTION SITE AT LEAST ONCE EVERY SEVEN (7) DAYS DURING ACTIVE CONSTRUCTION AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES IN 24 HOURS. THE OPERATOR SHALL PROVIDE A RAINFALL GAUGE ON-SITE AT VARIOUS MILE INTERVALS ALONG THE ALIGNMENT. INSPECT ALL TEMPORARY AND PERMANENT PROJECT BMPs UNTIL THE SITE HAS UNDERGONE FINAL STABILIZATION AND THE NOT HAS BEEN SUBMITTED. INSPECT SURFACE WATER

APPROVED:



Brian D. Connolly, PE
Public Works Director, Inver Grove Heights

12/27/2022

Date

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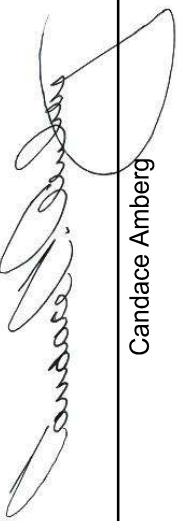
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REVISIONS

NO.	DATE	DESCRIPTION

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Candace Amberg

40646

DATE: 12-28-2022

LIC. NO:

SWPPP

HERITAGE VILLAGE PARK
CITY OF INVER GROVE HEIGHTS

CLIENT PROJECT NO.

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INCLUDING DRAINAGE DITCHES FOR SIGNS OF EROSION AND SEDIMENT DEPOSITION. INSPECT CONSTRUCTION SITE VEHICLE EXIT LOCATIONS FOR EVIDENCE OF TRACKING ONTO PAVED SURFACES. INSPECT SURROUNDING PROPERTIES FOR EVIDENCE OF OFF-SITE SEDIMENT ACCUMULATION. INSPECT INFILTRATION AREAS FOR SIGN OF SEDIMENT DEPOSITION AND COMPACTIONS (TO ENSURE THAT EQUIPMENT IS NOT BEING DRIVEN ACROSS THE AREA). ALL INSPECTIONS AND MAINTENANCE CONDUCTED MUST BE RECORDED IN WRITING BY THE OPERATOR AND RETAINED WITH THE SWPPP. SUBMIT INSPECTION REPORTS IN A FORMAT THAT IS ACCEPTABLE TO THE PROJECT ENGINEER. RECORDS OF EACH INSPECTION AND MAINTENANCE ACTIVITY SHALL INCLUDE:

- A. DATE, TIME, AND NAME OF PERSON(S) CONDUCTING INSPECTIONS;
- B. FINDINGS OF INSPECTIONS, INCLUDING RECOMMENDATIONS FOR CORRECTIVE ACTIONS;
- C. CORRECTIVE ACTIONS TAKEN (INCLUDING DATES, TIMES, AND PARTY COMPLETING MAINTENANCE ACTIVITIES); INCLUDING DOCUMENTATION/PHOTOS OF IMPLEMENTED BMPS INTENDED TO CORRECT A PROBLEM BUT FAILED.
- D. DATE AND AMOUNT OF ALL RAINFALL EVENTS GREATER THAN 0.5 INCHES IN 24 HOURS;
- E. DOCUMENTATION OF CHANGES MADE TO THE SWPPP.

REPLACE, REPAIR OR SUPPLEMENT ALL NONFUNCTIONAL BMPS BY THE END OF THE NEXT BUSINESS DAY FOLLOWING DISCOVERY UNLESS LISTED DIFFERENTLY BELOW:

- A. REPAIR, REPLACE, OR SUPPLEMENT PERIMETER CONTROL DEVICES WHEN THEY BECOME NONFUNCTIONAL OR SEDIMENT REACHES 1/2 THE HEIGHT OF THE DEVICE. COMPLETE REPAIRS BY THE END OF THE NEXT BUSINESS DAY FOLLOWING DISCOVERY.
- B. REPAIR OR REPLACE INLET PROTECTION DEVICES WHEN THEY BECOME NONFUNCTIONAL OR SEDIMENT REACHES 1/2 THE HEIGHT AND/OR DEPTH OF THE DEVICE.
- C. DRAIN AND REMOVE SEDIMENT FROM TEMPORARY AND PERMANENT SEDIMENT BASINS ONCE THE SEDIMENT HAS REACHED 1/2 THE STORAGE VOLUME. COMPLETE WORK WITHIN 72 HOURS OF DISCOVERY.
- D. REMOVE ALL DELTAS AND SEDIMENT DEPOSITED IN SURFACE WATERS INCLUDING DRAINAGE WAYS, CATCH BASINS, AND OTHER DRAINAGE SYSTEMS. STABILIZE ANY AREAS THAT ARE DISTURBED BY SEDIMENT REMOVAL OPERATIONS. SEDIMENT REMOVAL AND STABILIZATION MUST BE COMPLETED WITHIN 7 DAYS OF DISCOVERY.
- E. REMOVE TRACKED SEDIMENT FROM PAVED SURFACES BOTH ON AND OFF SITE WITHIN ONE (1) CALENDAR DAY OF DISCOVERY. STREET SWEEPING MAY HAVE TO OCCUR MORE OFTEN TO MINIMIZE OFF SITE IMPACTS. LIGHTLY WET THE PAVEMENT PRIOR TO SWEEPING.
- F. MAINTAIN ALL BMPS UNTIL WORK HAS BEEN COMPLETED, SITE HAS GONE UNDER FINAL STABILIZATION, AND THE NOT HAS BEEN SUBMITTED TO THE MPCA.

CONSTRUCTION ACTIVITY REQUIREMENTS: EROSION/SEDIMENT CONTROL, PROCEDURES, & MAINTENANCE STANDARDS

- AMEND THE SWPPP AND DOCUMENT ALL CHANGES TO THE SWPPP AND ASSOCIATED PLAN SHEETS IN A TIMELY MANNER. SWPPP AMENDMENTS AND SITE PLANS WILL BE PREPARED BY THE OPERATOR AND SUBMITTED TO THE OWNER FOR REVIEW AND WRITTEN APPROVAL BY THE PROJECT OWNER (OR DESIGNATED REPRESENTATIVE). STORE THE SWPPP AND ALL AMENDMENTS ON SITE AT ALL TIMES.
- PREPARE AND SUBMIT A SITE MANAGEMENT PLAN FOR THE ENGINEER’S ACCEPTANCE FOR STAGING/STOCKPILE MANAGEMENT AREAS, CONCRETE MANAGEMENT, CONCRETE SLURRY APPLICATION AREAS, FUGITIVE DUST CONTROL PLAN, SPILL CONTAINMENT PLAN, HAZARDOUS MATERIAL MANIFEST & MANAGEMENT PLAN, WETLAND MANAGEMENT PLAN, VEGETATION PRESERVATION & MAINTENANCE PLAN, WORK IN AND NEAR AREAS OF ENVIRONMENTAL SENSITIVITY, AREAS IDENTIFIED IN THE PLANS AS “SITE MANAGEMENT PLAN AREA”, ANY WORK THAT WILL REQUIRE DEWATERING, ANY ADDITIONAL PLANS LISTED IN THE PROJECT SPECIFICATIONS, AND AS REQUIRED BY THE ENGINEER. SUBMIT ALL SITE MANAGEMENT PLANS TO THE ENGINEER IN WRITING. ALLOW A MINIMUM OF 7 DAYS FOR PROJECT ENGINEER TO REVIEW AND ACCEPT SITE MANAGEMENT PLAN SUBMITTALS. WORK WILL NOT BE ALLOWED TO COMMENCE IF A SITE MANAGEMENT PLAN IS REQUIRED UNTIL ACCEPTANCE HAS BEEN GRANTED BY THE ENGINEER. THERE WILL BE NO EXTRA TIME ADDED TO THE CONTRACT DUE TO THE UNTIMELY SUBMITTAL.
- THERE IS NO CONSTRUCTION PHASING OR STAGING DEFINED BY THE OWNER FOR THIS PROJECT. THE SCHEDULE FOR INSTALLING TEMPORARY BMPS SHALL BE INCORPORATED INTO THE OPERATOR’S WEEKLY SCHEDULE FOR EACH CONSTRUCTION STAGE AND PRESENTED TO THE OWNER’S REPRESENTATIVE.
- BURNING OF ANY MATERIAL IS NOT ALLOWED WITHIN PROJECT BOUNDARY.
- DO NOT DISTURB AREAS OUTSIDE OF THE CONSTRUCTION LIMITS. DELINEATE AREAS NOT TO BE DISTURBED AND WETLANDS (EVEN AREAS THAT ARE PERMITTED FOR CONSTRUCTION) PRIOR TO STARTING GROUND DISTURBING ACTIVITIES. IF IT BECOMES NECESSARY TO DISTURB AREAS OUTSIDE OF THE CONSTRUCTION LIMITS, OBTAIN WRITTEN PERMISSION FROM THE PROJECT ENGINEER PRIOR TO PROCEEDING. PRESERVE ALL NATURAL BUFFERS SHOWN ON THE PLANS.
- ROUTE STORMWATER AROUND UNSTABILIZED AREAS OF THE SITE WHENEVER FEASIBLE. PROVIDE EROSION CONTROL AND VELOCITY DISSIPATION DEVICES AS NEEDED TO KEEP CHANNELS FROM ERODING AND TO PREVENT NUISANCE CONDITIONS AT THE OUTLET.
- DIRECT DISCHARGE FROM BMPS TO VEGETATED AREAS WHENEVER FEASIBLE. PROVIDE VELOCITY DISSIPATION DEVICES AS NEEDED TO PREVENT EROSION.
- LOCATE PERIMETER CONTROL ON THE CONTOUR TO CAPTURE OVERLAND, LOW-VELOCITY SHEET FLOWS DOWN GRADIENT OF ALL EXPOSED SOILS AND PRIOR TO DISCHARGING TO SURFACE WATERS. PLACE J-HOOKS AT A MAXIMUM OF 100-FOOT INTERVALS.
- ALL STOCKPILES MUST HAVE PERIMETER SEDIMENT CONTROLS IMPLEMENTED AND MAINTAINED AT ALL TIMES. PILES CANNOT BE PLACED IN BUFFER AREAS OR SURFACE WATERS, INCLUDING STORMWATER CONVEYANCES SUCH AS CURB AND GUTTER SYSTEMS, OR CONDUITS AND DITCHES UNLESS THERE IS A BYPASS IN PLACE TO PREVENT STORMWATER RUN-ON INTO THE STOCKPILE.
- STEEP SLOPES MAY BE TEMPORARILY CREATED DURING GRADING OPERATIONS. STABILIZATION OF STEEP SLOPES (3:1 OR GREATER) SHALL BE PROPERLY CAT-TRACKED AND STABILIZED PER THE EROSION CONTROL PLAN. LONG SLOPES CAN BE BROKEN UP WITH SEDIMENT CONTROL LOGS IF EROSION IS EVIDENT.
- DITCH CHECKS WILL BE PLACED AS INDICATED ON THE PLANS DURING ALL PHASES OF CONSTRUCTION.
- ALL STORM DRAIN INLETS, THAT RECEIVE PROJECT STORMWATER, MUST BE PROTECTED BY APPROPRIATE BMPS DURING CONSTRUCTION UNTIL ALL SOURCES WITH POTENTIAL FOR DISCHARGING TO THE INLET HAVE BEEN STABILIZED. INLET PROTECTION MAY BE REMOVED FOR A PARTICULAR INLET IF A SPECIFIC SAFETY CONCERN (STREET FLOODING/FREEZING) HAS BEEN IDENTIFIED AND THE PERMITTEE(S) HAS RECEIVED WRITTEN CORRESPONDENCE FROM THE JURISDICTIONAL AUTHORITY VERIFYING THE NEED FOR REMOVAL. WRITTEN CORRESPONDENCE MUST BE DOCUMENTED IN THE SWPPP.
- SILT FENCE IS NOT AN ACCEPTABLE CATCH BASIN INLET PROTECTION BMP. CONTACTOR SHALL CLEAN, REMOVE AND DISPOSE OF SEDIMENT, AND/OR REPLACE STORM DRAIN INLET PROTECTION ON A ROUTINE BASIS TO ENSURE THE DEVICE IS FULLY FUNCTIONAL PRIOR TO THE NEXT FORECASTED PRECIPITATION EVENT (30% OR GREATER).
- DISCHARGE TURBID OR SEDIMENT LADEN WATER TO TEMPORARY SEDIMENT BASINS WHENEVER FEASIBLE. IN THE EVENT THAT IT IS NOT FEASIBLE TO DISCHARGE THE SEDIMENT LADEN WATER TO A TEMPORARY SEDIMENT BASIN, THE WATER MUST BE TREATED SO THAT IT DOES NOT CAUSE A NUISANCE CONDITION IN THE RECEIVING WATERS OR TO DOWNSTREAM LANDOWNERS. CLEAN OUT ALL PERMANENT STORMWATER BASINS REGARDLESS OF WHETHER USED AS TEMPORARY SEDIMENT BASINS/TRAPS TO THE DESIGN CAPACITY AFTER COMPLETING ALL UP-GRADIENT LAND DISTURBING ACTIVITY. USE A SKIMMER DEVICE FOR BASIN DRAINING.
- PROVIDE STABILIZATION IN ANY TRENCHES CUT FOR DEWATERING OR SITE DRAINING PURPOSES.

16. THE CONTRACTOR SHALL SUBMIT A DEWATERING PLAN AND NARRATIVE TO THE PROJECT ENGINEER FOR APPROVAL 7 DAYS PRIOR TO UNDERTAKING THESE ACTIVITIES. DEWATERING PLAN MUST INCLUDE BMP’S TO PREVENT SEDIMENT TRANSPORT, EROSION, AND ADVERSE IMPACTS TO DOWNSTREAM RECEIVING WATERS. THE DEWATERING PLAN MUST ALSO INCLUDE ANY SPECIFIC CHEMICAL TREATMENTS (FLOC, POLYMERS, ETC.) THAT WILL BE USED. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN ANY PERMIT NECESSARY FOR THESE ACTIVITIES; THE DEWATERING PLAN AND DNR APPROPRIATIONS PERMIT WILL BECOME PART OF THE SWPPP.

TEMPORARY & PERMANENT EROSION CONTROL BMPS

SEED MIX: SEED MIX SHALL BE USED IN CONSTRUCTION AND REVEGETATION PROJECTS IN ORDER TO ENHANCE SOIL NUTRIENT AVAILABILITY AND BIOLOGICAL SOIL STRUCTURE, ENCOURAGE NATIVE PLAN SUCCESSION, REDUCE EROSION, AND DISCOURAGE INVASIVE PLANT SPECIES. INOCULATION OF SOILS WITH MYCORRHIZAL FUNGI OR THE PRESENCE OF PRE-EXISTING SOIL MICROBES IS ESSENTIAL FOR THE STABILIZATION OF ADVERSE SOILS, ESTABLISHMENT OF NATIVE GRASSES, AND THE EXCLUSION OF NON-NATIVE “ANNUALS” AND NOXIOUS WEEDS.

RAPID STABILIZATION METHOD #1: THIS METHOD SHALL CONSIST OF TYPE 1 MULCH (2 TON PER ACRE) WITH DISC ANCHORING BE SPREAD IN AREAS THAT HAVE BEEN UNWORKED FOR 7 OR 14 DAYS. THIS METHOD SHALL BE USED ON SLOPES OF 3:1 AND LESS. OPERATOR MUST APPLY MULCH IN A UNIFORM PATTERN OVER THE DISTURBED SOILS TO ACHIEVE A MINIMUM OF 90% GROUND COVER.

RAPID STABILIZATION METHOD #2: THIS METHOD SHALL CONSIST OF TYPE 3 MULCH (1.5 TON PER ACRE) OR 3884 TYPE STABILIZED FIBER MATRIX (750 LBS PER ACRE) BE SPREAD IN AREAS THAT HAVE BEEN UNWORKED FOR 7 OR 14 DAYS. THIS METHOD SHALL BE USED ON SLOPES LESS THAN 3:1.

RAPID STABILIZATION METHOD #3: THIS WORK SHALL CONSIST OF OPERATIONS NECESSARY TO RAPIDLY STABILIZE SMALL CRITICAL AREAS WITHIN 200 FEET OF SURFACE WATERS, TO PREVENT OFF SITE SEDIMENTATION AND OR TO COMPLY WITH PERMIT REQUIREMENTS. THIS FORM OF RAPID STABILIZATION EMPLOYS SFM, SEED MIX 22-111, AND FERTILIZER TYPE 3. THIS METHOD SHALL BE USED ON SLOPES LESS THAN 3:1. INSTALL PER MNDOT SPECIFICATION 2575.3.M.1.C.

RAPID STABILIZATION METHOD #4: THIS METHOD SHALL CONSIST OF CATEGORY 20/25 EROSION CONTROL BLANKET (NATURAL NET ONLY) IN COMBINATION WITH MNDOT SEED MIX 22-111 (2 LBS PER 100 SQ. YD.) AND TYPE 3 SLOW RELEASE FERTILIZER (8 LBS PER 100 SQ. YD.). THIS IS AN ACCEPTABLE BMP FOR DISTURBED AREAS ADJACENT TO ENVIRONMENTALLY SENSITIVE AREAS, SURFACE WATERS, AND WITHIN THE LAST 200 FEET OF DITCH BOTTOMS.

TEMPORARY & PERMANENT SEDIMENT CONTROL BMPS

SEDIMENT CONTROL LOGS: SEDIMENT CONTROL LOGS ARE MANUFACTURED FROM STRAW, WOOD EXCELSIOR, COCONUT FIBERS, AND/OR OTHER MATERIALS THAT ARE BOUND WITH POLYPROPYLENE OR BIODEGRADABLE NETTING INTO TIGHT TUBULAR ROLLS. FIBER ROLLS CONTROL THREE TYPES OF EROSIONAL PROCESSES; EROSION CONTROL, RUN OFF CONTROL, AND SEDIMENT CONTROL. SEDIMENT CONTROL LOGS CAN BE USED FOR THE FOLLOWING:

- SLOPE INTERRUPTERS TO REDUCE EROSION ON NEWLY CONSTRUCTED SLOPES
- TEMPORARY DITCH CHECKS TO REDUCE RUNOFF VELOCITIES IN DRAINAGE CHANNELS
- SEDIMENT CONTROL BARRIERS FOR SMALL DISTURBED SOIL AREAS SUCH AS STOCKPILES, DISCRETE SLOPES, OR INDIVIDUAL LOTS

MACHINE SLICED SILT FENCE: A SILT FENCE IS A TEMPORARY SEDIMENT BARRIER CONSISTING OF FILTER FABRIC ENTRENCHED INTO THE SOIL AND ATTACHED TO SUPPORTING POSTS. SILT FENCE IS INTENDED TO BE INSTALLED WHERE SEDIMENT-LADEN WATER CAN POND, THUS ALLOWING THE SEDIMENT TO FALL OUT OF SUSPENSION AND SEPARATE FROM THE RUNOFF. SILT FENCE INSTALLED WITH A TRENCHER OR BY SLICING IS THE MOST EFFECTIVE INSTALLATION METHOD TO ENSURE AGAINST COMMON SILT FENCE FAILURES. THE BMP WILL BE CLEANED OUT OR REPLACED WHEN THE SEDIMENT REACHES 1/2 THE HEIGHT OF THE FENCE.

STABILIZED CONSTRUCTION EXIT: TEMPORARY CONSTRUCTION EXITS ARE CONSTRUCTED AT THE EGRESS POINT FROM THE CONSTRUCTION AREA ONTO A PAVED ROAD. A STABILIZED CONSTRUCTION EXIT IS A TRACKING CONTROL BMP INTENDED TO PREVENT TRACKING OF SOIL FROM THE CONSTRUCTION SITE BY EQUIPMENT AND VEHICLES. THE EXITS ARE CONSTRUCTED OF LARGE ANGULAR ROCK, STEEL RIBS (RUMBLE STRIPS), OR TRACK PADS INTENDED TO KNOCK THE MUD OFF THE TIRES BEFORE TRAVELING ONTO THE ROADWAY.

DUST CONTROL: OPERATOR WILL COMPLY WITH STATE RULE 7011.0150 ON DUST PREVENTION REQUIREMENTS. DUST FROM THE SITE WILL BE CONTROLLED BY INCREASED STREET SWEEPING AND/OR USING A MOBILE PRESSURE-TYPE DISTRIBUTOR TRUCK TO APPLY POTABLE WATER TO DISTURBED AREAS. THE MOBILE UNIT WILL APPLY WATER AT A RATE NECESSARY TO PREVENT RUNOFF AND PONDING.

POLLUTION PREVENTION MANAGEMENT

POTENTIAL SOURCES OF POLLUTANTS FROM CONSTRUCTION ACTIVITIES INCLUDE, BUT NOT LIMITED TO:

- SEDIMENT AND FUGITIVE DUST GENERATED FROM CLEARING AND GRUBBING, IMPORT/EXPORT OPERATIONS, REMOVALS/COMPACTION, MASS/FINE GRADING, EXCAVATIONS, TRENCHING, TOPSOIL STRIPING STOCKPILING, WET/DRY PAVEMENT CUTTING, STREET CONSTRUCTION.
- BASIC/ACIDIC PH LEVELS FROM CURB AND GUTTER, MANHOLE STRUCTURES, SIDEWALKS, DRIVEWAY APRONS, FOUNDATIONS, BRIDGE ABUTMENTS, WET/DRY PAVEMENT CUTTING, MASONRY WASHOUT/CLEANOUT.
- EXCESS NUTRIENTS FROM LANDSCAPING INSTALLATIONS, SOIL ADDITIVES, FERTILIZATION, MULCHING.
- HYDROCARBONS FROM STREET CONSTRUCTION, DEMOLITION/REMOVALS, WET/DRY PAVEMENT CUTTING.

OPERATOR WILL COMPLY WITH ALL OF THE POLLUTION PREVENTION AND MANAGEMENT MEASURES IDENTIFIED IN THE NPDES-CSW PERMIT, PART 12.1. STORAGE AND DISPOSAL OF CONSTRUCTION AND HAZARDOUS WASTES MUST BE IN COMPLIANCE WITH MPCA REGULATIONS.

- A. POSITION AND STAKE DOWN ALL PORTABLE TOILETS SO THEY CANNOT BE TIPPED OR KNOCKED OVER. SUPPLY ADEQUATE SECONDARY CONTAINMENT.
- B. SECONDARY CONTAINMENT IS NEEDED AROUND ALL STATIONARY EQUIPMENT (GENERATORS, PUMPS, LIGHT PLANTS, ETC.) PROVIDE CONTAINMENT FOR ALL HAZARDOUS MATERIALS AND TOXIC WASTE.
- C. NO ENGINE DEGREASING IS ALLOWED ON SITE.
- D. VEHICLE AND EQUIPMENT WASHING TO OCCUR IN DESIGNATED AREA AS DETERMINED BY THE CONTRACTOR SUBMITTAL OF A MANAGEMENT PLAN FOR THESE ACTIVITIES.
- E. PROPERLY CLEAN UP AND REPORT ALL SPILLS AS REQUIRED BY THE MPCA AND MNDOT SPECIFICATIONS.
- F. PROVIDE A SPILL KIT AT EACH WORK LOCATION ON THE SITE.

APPROVED:



12/27/2022

Brian D. Connolly, PE
Public Works Director, Inver Grove Heights

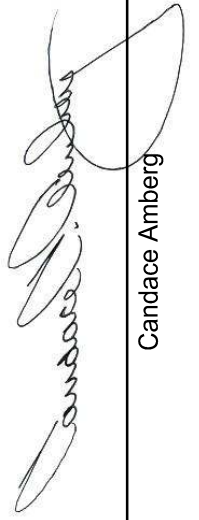
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Candace Amberg

DATE: 12-28-2022 LIC. NO.: 40646

SWPPP

HERITAGE VILLAGE PARK
CITY OF INVER GROVE HEIGHTS

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- G. PROVIDE A SECURE STORAGE AREA WITH RESTRICTED ACCESS FOR ALL HAZARDOUS MATERIALS AND TOXIC WASTE. RETURN ALL HAZARDOUS MATERIALS AND TOXIC WASTE TO THE DESIGNATED STORAGE AREA AT THE END OF THE BUSINESS DAY UNLESS INFEASIBLE. STORE ALL HAZARDOUS MATERIALS AND TOXIC WASTE (INCLUDING BUT NOT LIMITED TO OIL, DIESEL FUEL, GASOLINE, HYDRAULIC FLUIDS, PAINT, PETROLEUM BASED PRODUCTS, WOOD PRESERVATIVES, ADDITIVES, CURING COMPOUNDS, AND ACIDS) IN SEALED CONTAINERS WITH SECONDARY CONTAINMENT. CLEAN UP SPILLS IMMEDIATELY.
- H. SLURRY FROM CONCRETE OPERATIONS MUST BE VACUUMED UP IMMEDIATELY. NO CONCRETE WASHOUT SHALL COME IN CONTACT WITH THE GROUND AND MUST BE PROPERLY DISPOSED OF.
- I. A SIGN MUST BE INSTALLED ADJACENT TO EACH CONCRETE WASHOUT FACILITY.
- J. CREATE AND FOLLOW A WRITTEN DISPOSAL PLAN FOR ALL WASTE MATERIALS. INCLUDE IN THE PLAN HOW THE MATERIAL WILL BE DISPOSED OF AND THE LOCATION OF THE DISPOSAL SITE. SUBMIT PLAN TO THE ENGINEER PRIOR TO CONSTRUCTION.
- K. USE METHODS AND OPERATIONAL PROCEDURES THAT PREVENT DISCHARGE OR PLACEMENT OF BITUMINOUS GRINDINGS, CUTTINGS, MILLINGS, AND OTHER BITUMINOUS WASTES FROM AREAS OF EXISTING OR FUTURE VEGETATED SOILS AND FROM ALL WATER CONVEYANCE SYSTEMS, INCLUDING INLETS, DITCHES AND CURB FLOW LINES.

FINAL STABILIZATION

- FINAL STABILIZATION IS ACHIEVED WHEN NPDES CGP PARTS 13.1-13.7 (AS APPLICABLE) ARE COMPLETED PRIOR TO SUBMISSION OF THE NOTICE OF TERMINATION (NOT) TO MPCA.
1. ALL AREAS MUST BE STABILIZED WITH A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70%.
2. ALL TEMPORARY SEDIMENT CONTROL BMP MEASURES MUST BE REMOVED PRIOR TO SUBMITTING PERMIT NOT.

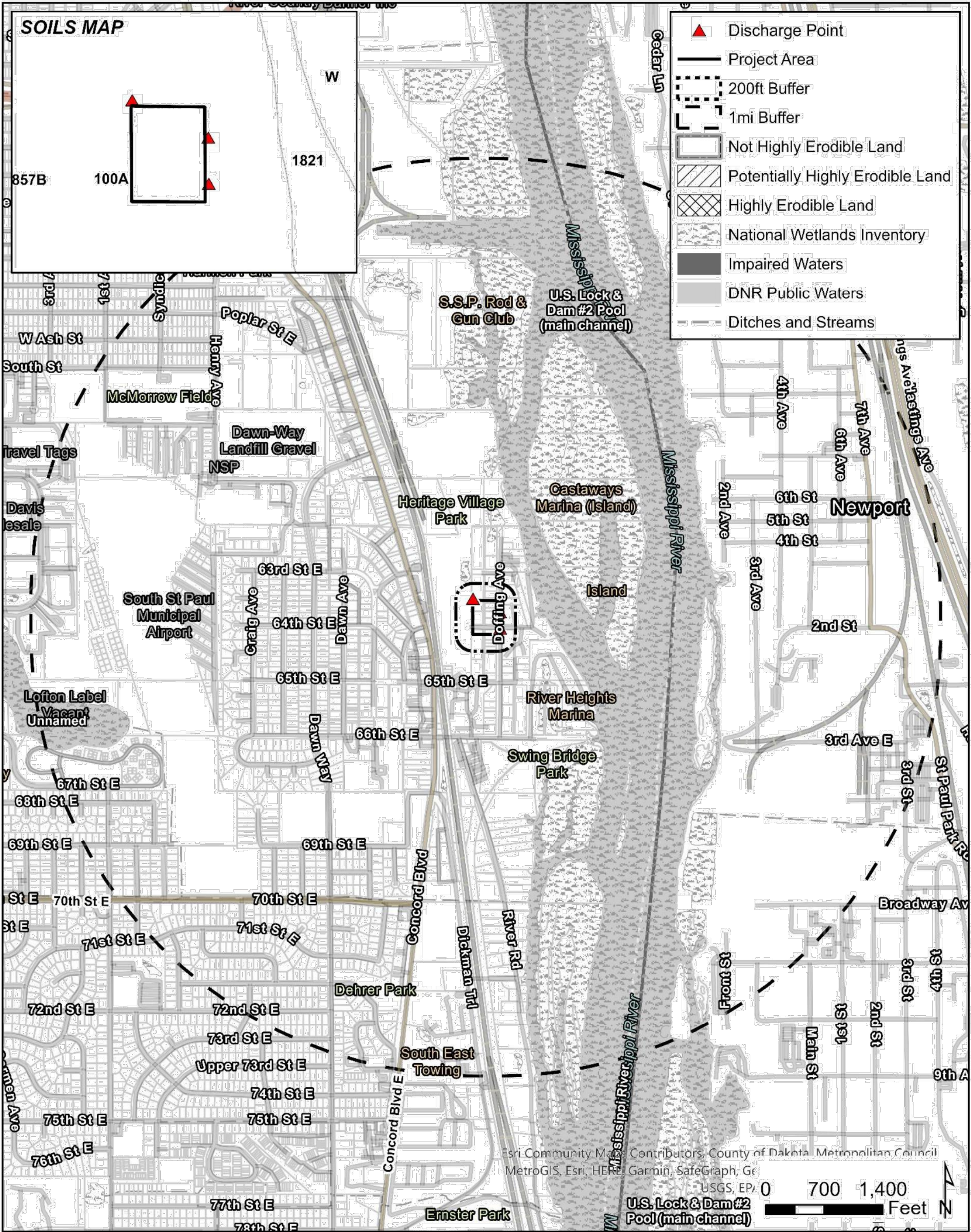


Figure 1. SWPPP Resource Map

APPROVED:

Brian D. Connolly

Brian D. Connolly, PE
Public Works Director, Inver Grove Heights

12/27/2022
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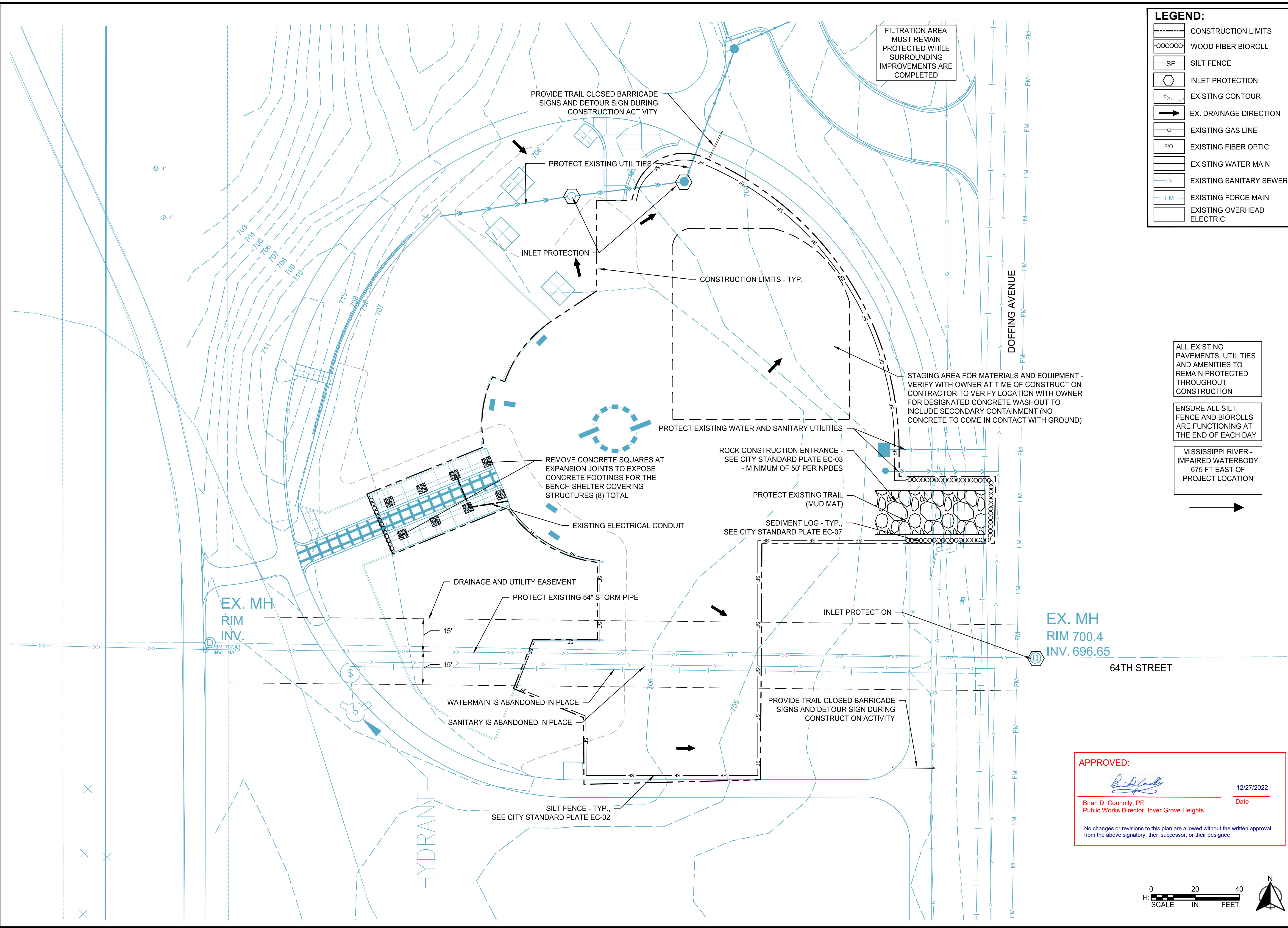
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Candace Amborg
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SWPPP

HERITAGE VILLAGE PARK
CITY OF INVER GROVE HEIGHTS



LEGEND:	
	CONSTRUCTION LIMITS
	WOOD FIBER BIOROLL
	SILT FENCE
	INLET PROTECTION
	EXISTING CONTOUR
	EX. DRAINAGE DIRECTION
	EXISTING GAS LINE
	EXISTING FIBER OPTIC
	EXISTING WATER MAIN
	EXISTING SANITARY SEWER
	EXISTING FORCE MAIN
	EXISTING OVERHEAD ELECTRIC

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ALL EXISTING PAVEMENTS, UTILITIES AND AMENITIES TO REMAIN PROTECTED THROUGHOUT CONSTRUCTION

ENSURE ALL SILT FENCE AND BIOROLLS ARE FUNCTIONING AT THE END OF EACH DAY

MISSISSIPPI RIVER - IMPAIRED WATERBODY 675 FT EAST OF PROJECT LOCATION

EXISTING CONDITIONS

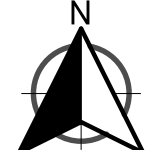
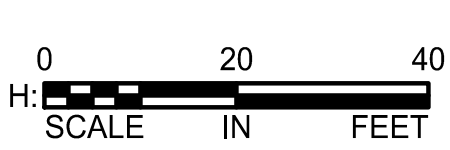
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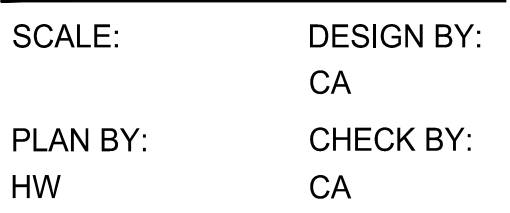
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 Candace Amberg

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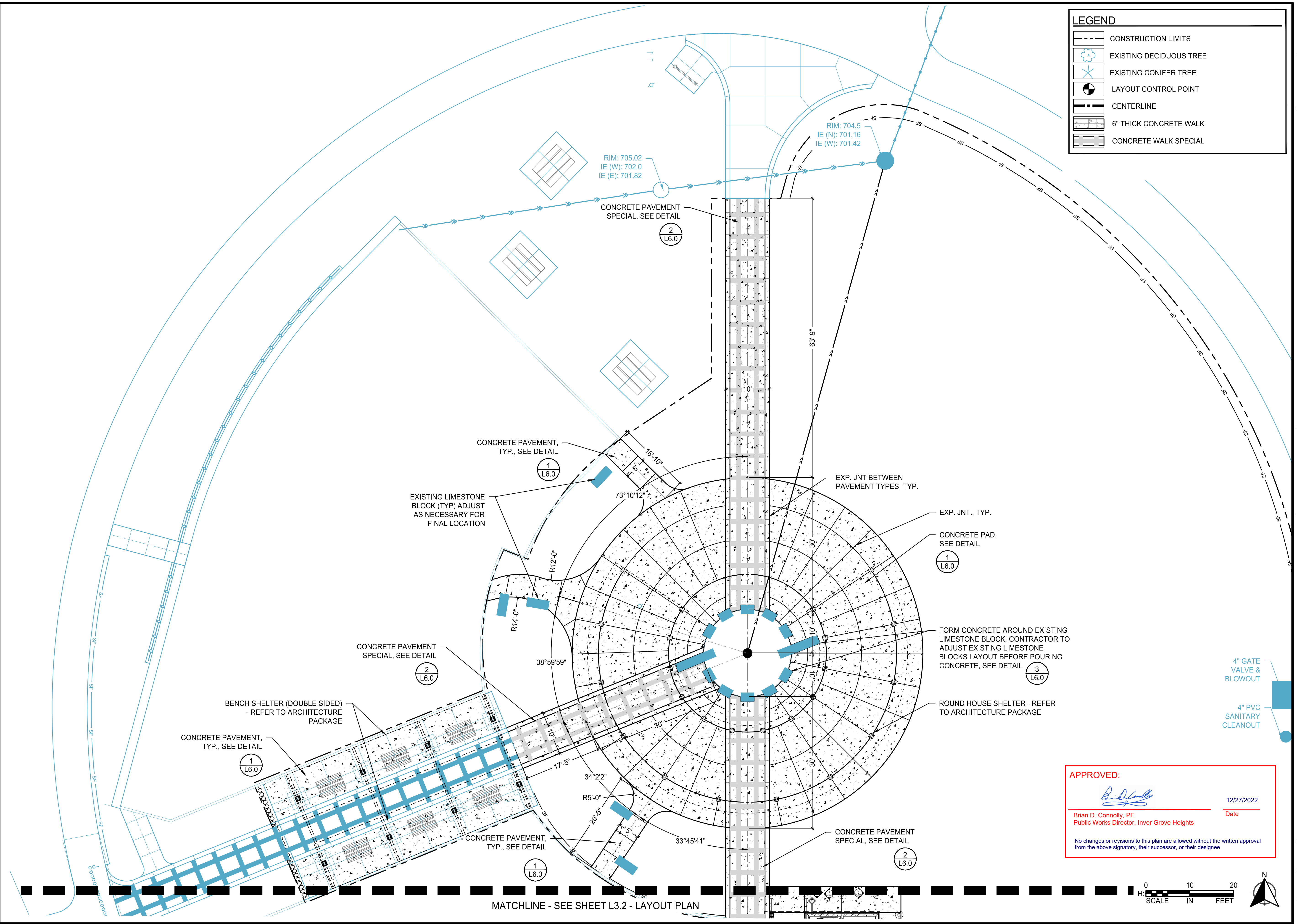
LAYOUT PLAN

HERITAGE VILLAGE PARK
CITY OF INVER GROVE HEIGHTS

CLIENT PROJECT NO.
2117

WSB PROJECT NO.
020153-000

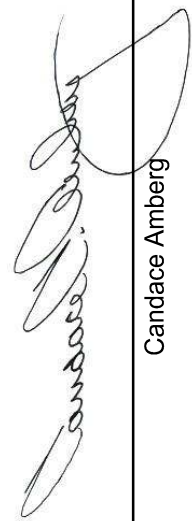
SHEET
L3.1



REVISIONS

NO.	DATE	DESCRIPTION

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.


Candace Amberg

DATE: 12-28-2022 LIC. NO: 40646

LAYOUT PLAN

HERITAGE VILLAGE PARK
CITY OF INVER GROVE HEIGHTS

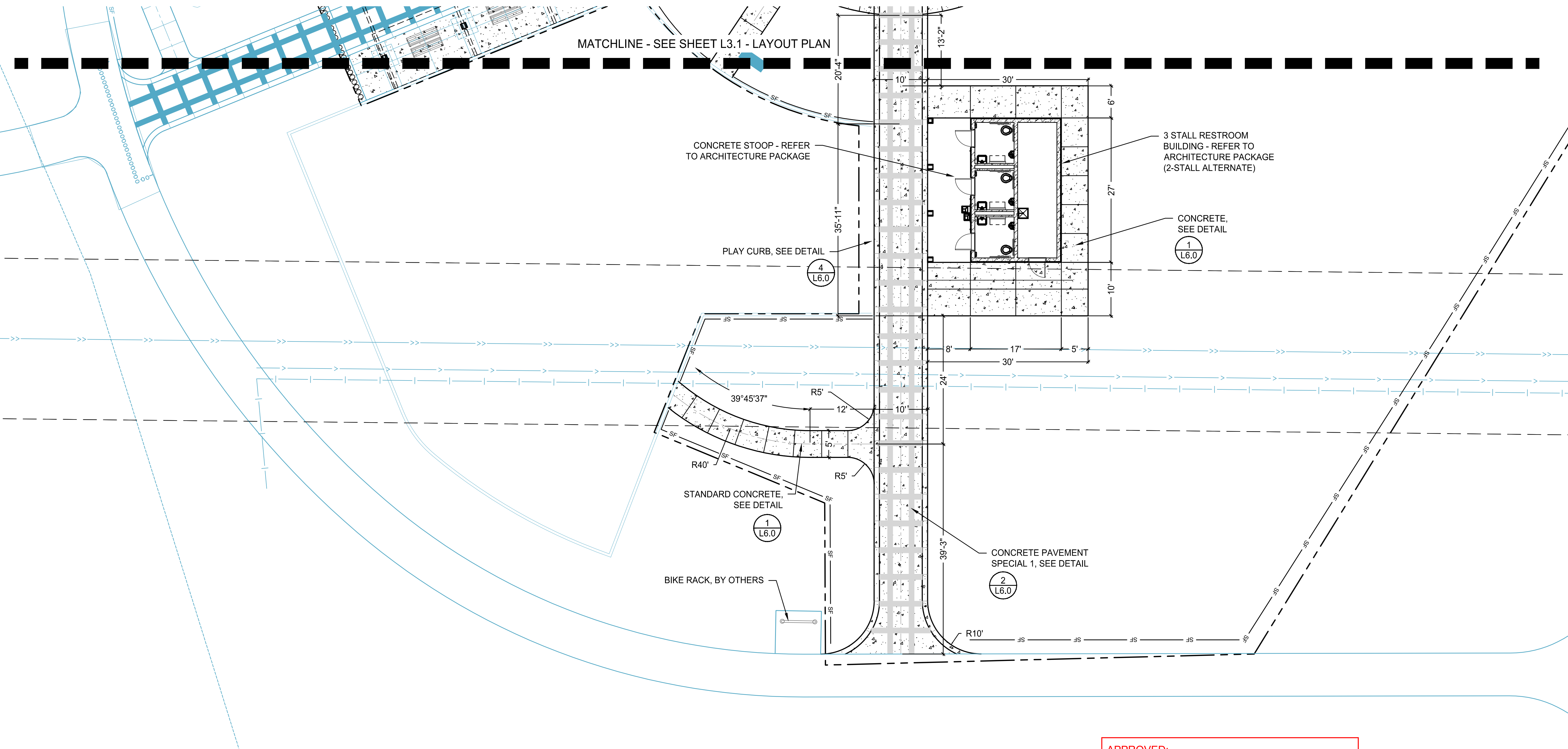
CLIENT PROJECT NO.
2117

WSB PROJECT NO.
020153-000

SHEET
L3.2

LEGEND

- CONSTRUCTION LIMITS
- EXISTING DECIDUOUS TREE
- EXISTING CONIFER TREE
- LAYOUT CONTROL POINT
- CENTERLINE
- 6" THICK CONCRETE WALK
- CONCRETE WALK SPECIAL



APPROVED:

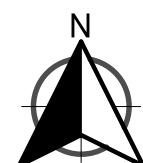


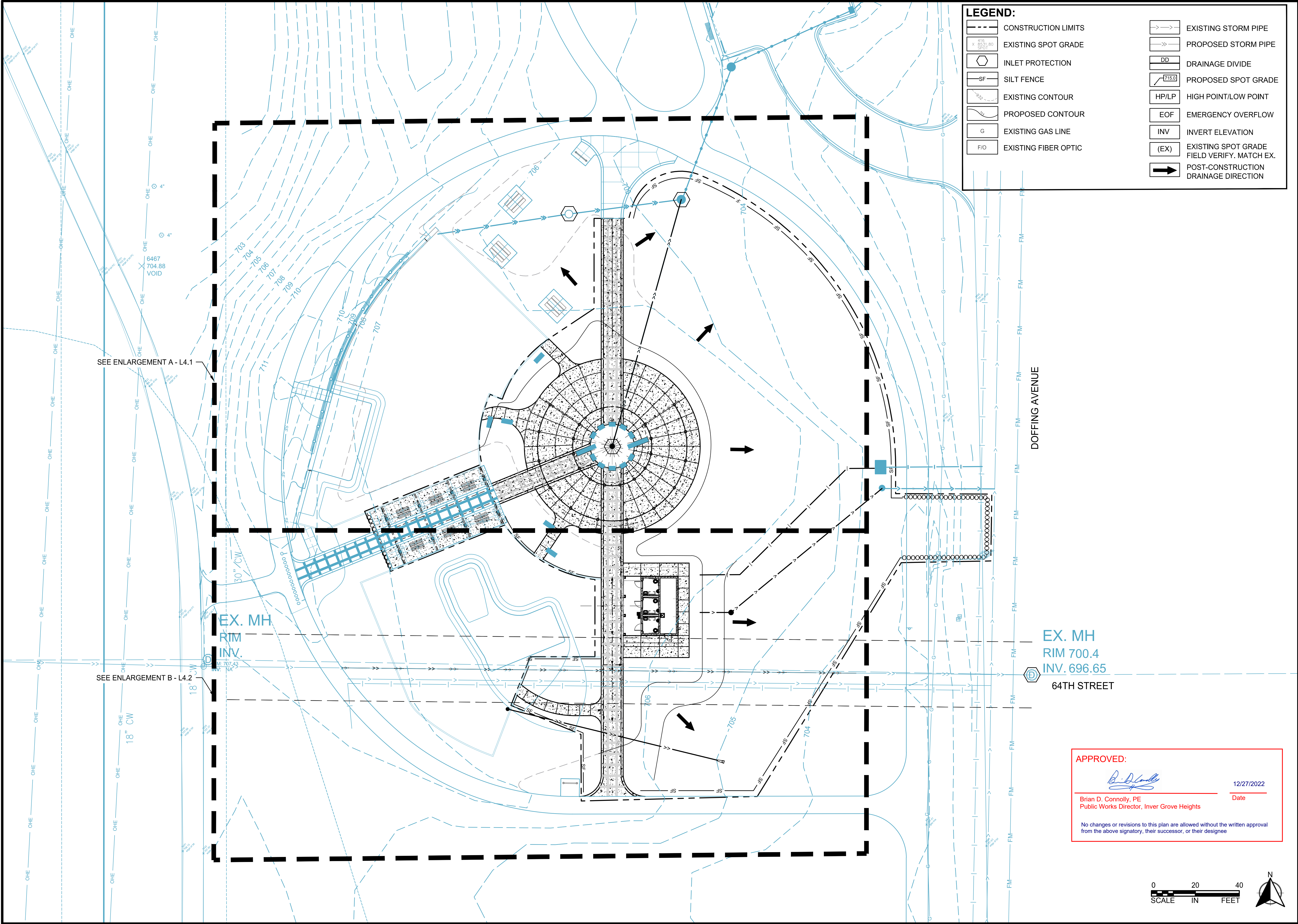
Brian D. Connolly, PE
Public Works Director, Inver Grove Heights

12/27/2022
Date

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0 10 20
H: SCALE IN FEET





LEGEND:

CONSTRUCTION LIMITS

410
X 55.31, 80
SPOT

EXISTING SPOT GRADE

INLET PROTECTION

SF

SILT FENCE

3.0

EXISTING CONTOUR

3.0

PROPOSED CONTOUR

G

EXISTING GAS LINE

F/O

EXISTING FIBER OPTIC

>>

EXISTING STORM PIPE

>>

PROPOSED STORM PIPE

DD

DRAINAGE DIVIDE

715.0

PROPOSED SPOT GRADE

HP/LP

HIGH POINT/LOW POINT

EOF

EMERGENCY OVERFLOW

INV

INVERT ELEVATION

EX

EXISTING SPOT GRADE
FIELD VERIFY. MATCH EX.

POST-CONSTRUCTION
DRAINAGE DIRECTION

wsb

SCALE: DESIGN BY:
CA
PLAN BY: CHECK BY:
HW CA

REVISIONS

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Candace Amberg

DATE: 12-28-2022 LIC. NO: 40646

OVERALL GRADING PLAN

HERITAGE VILLAGE PARK
CITY OF INVER GROVE HEIGHTS

APPROVED:

Brian D. Connolly, PE
Public Works Director, Inver Grove Heights

12/27/2022
Date

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0 20 40
SCALE IN FEET

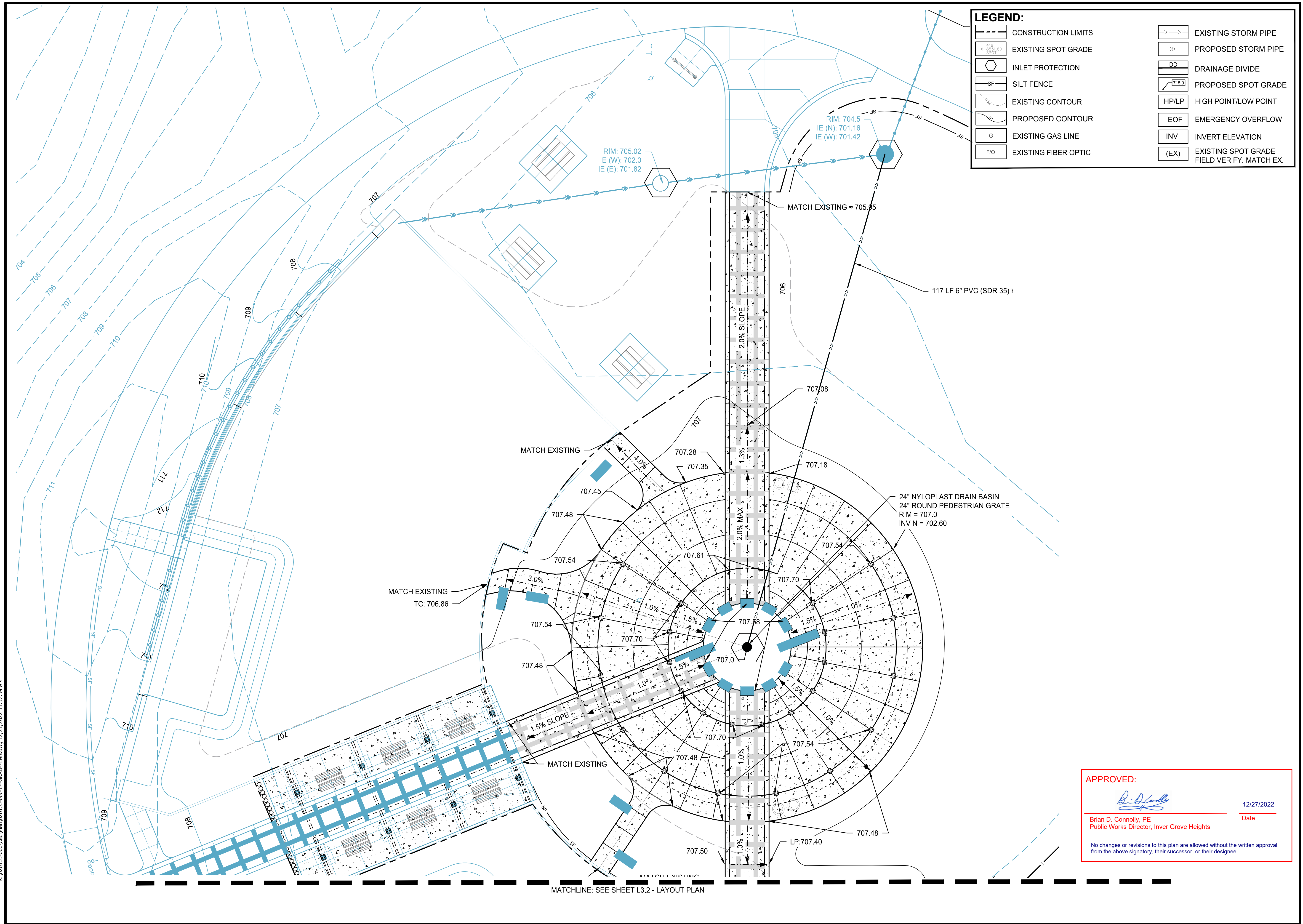
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CLIENT PROJECT NO.
2117

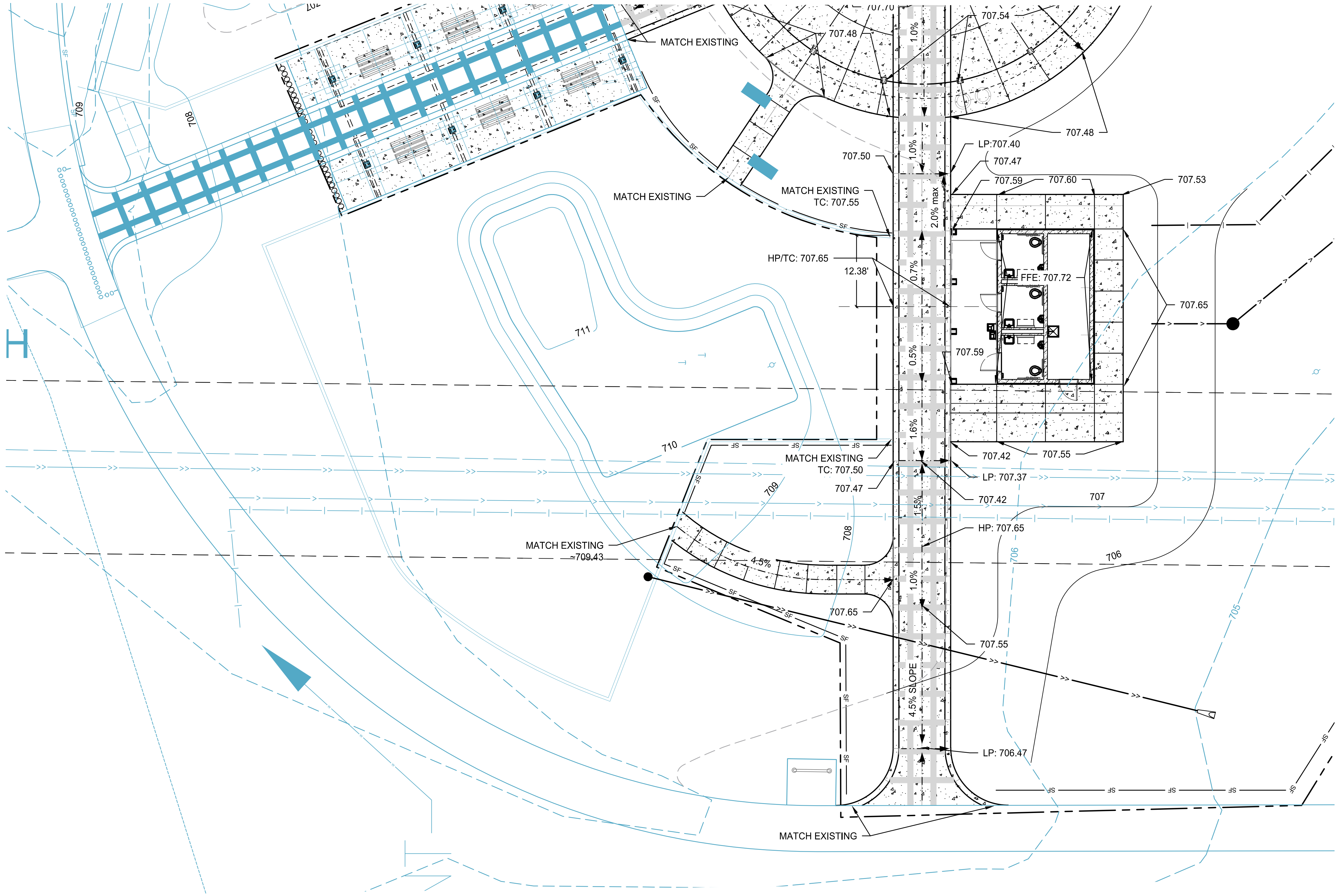
WSB PROJECT NO.
020153-000

SHEET
L4.0

Page 122 of 307



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LEGEND:	
	CONSTRUCTION LIMITS
	EXISTING SPOT GRADE
	INLET PROTECTION
	SILT FENCE
	EXISTING CONTOUR
	PROPOSED CONTOUR
	EXISTING GAS LINE
	EXISTING FIBER OPTIC
	EXISTING STORM PIPE
	PROPOSED STORM PIPE
	DRAINAGE DIVIDE
	PROPOSED SPOT GRADE
	HIGH POINT/LOW POINT
	EMERGENCY OVERFLOW
	INVERT ELEVATION
	EXISTING SPOT GRADE FIELD VERIFY, MATCH EX.

SCALE:

DESIGN BY:
CA

PLAN BY:
HW

CHECK BY:
CA

NO.	DATE	DESCRIPTION

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Candace Amberg

DATE: 12-28-2022 LIC. NO: 40646

GRADING PLAN

HERITAGE VILLAGE PARK
CITY OF INVER GROVE HEIGHTS

APPROVED:

Brian D. Connolly, PE
Public Works Director, Inver Grove Heights

12/27/2022
Date

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CLIENT PROJECT NO.	2117
WSB PROJECT NO.	020153-000
SHEET	L4.2

[illegible]

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Candace Amberg

DATE: 12-28-2022 LIC. NO: 40646

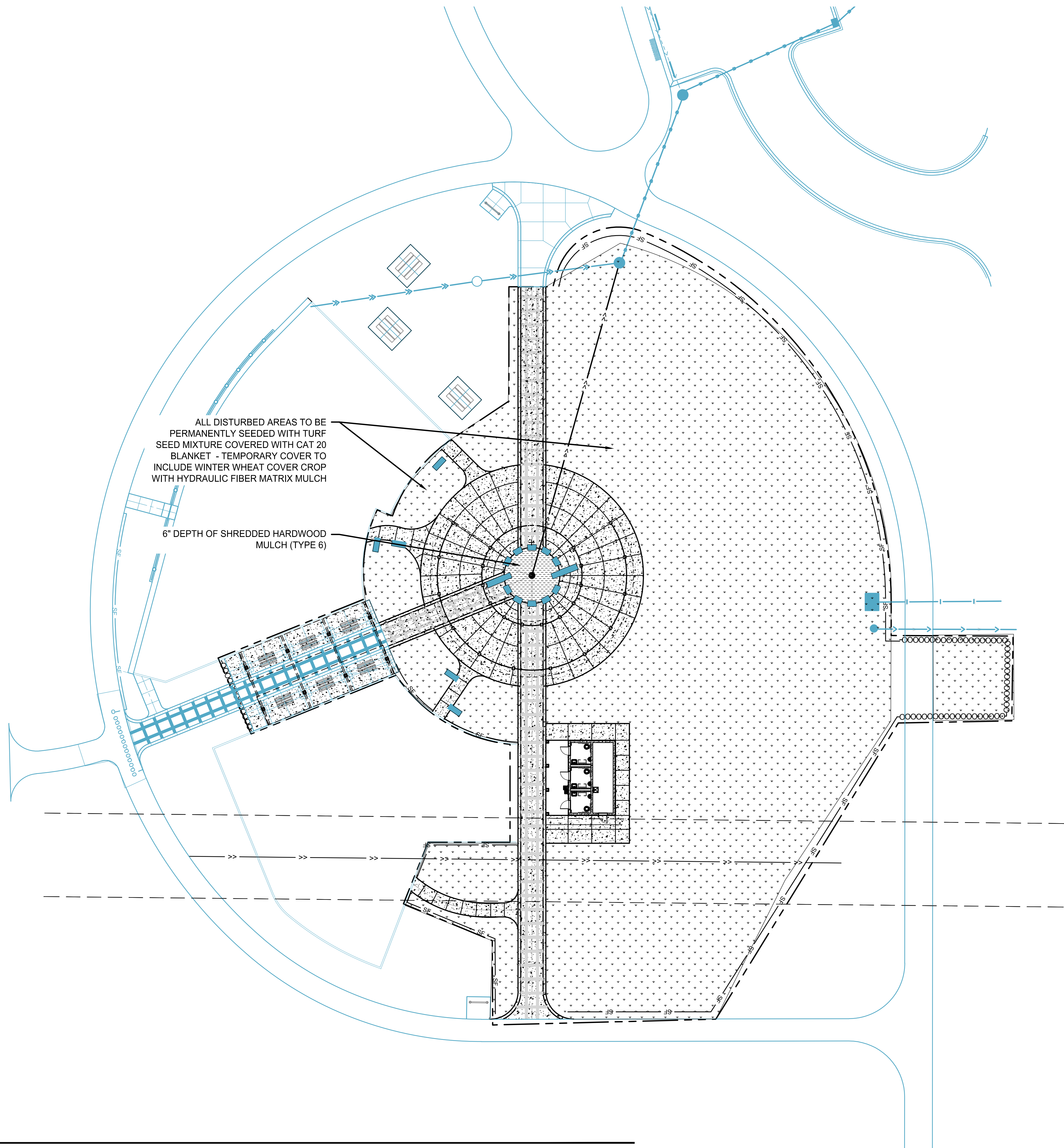
RESTORATION PLAN

HERITAGE VILLAGE PARK
CITY OF INVER GROVE HEIGHTS

CLIENT PROJECT NO.
2117

WSB PROJECT NO.
020153-000

SHEET
L5.0



APPROVED:

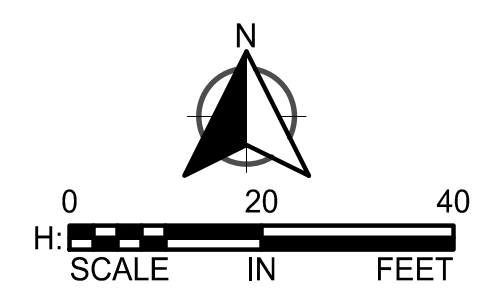
B. D. Lundy

Brian D. Connolly, PE
Public Works Director, Inver Grove Heights

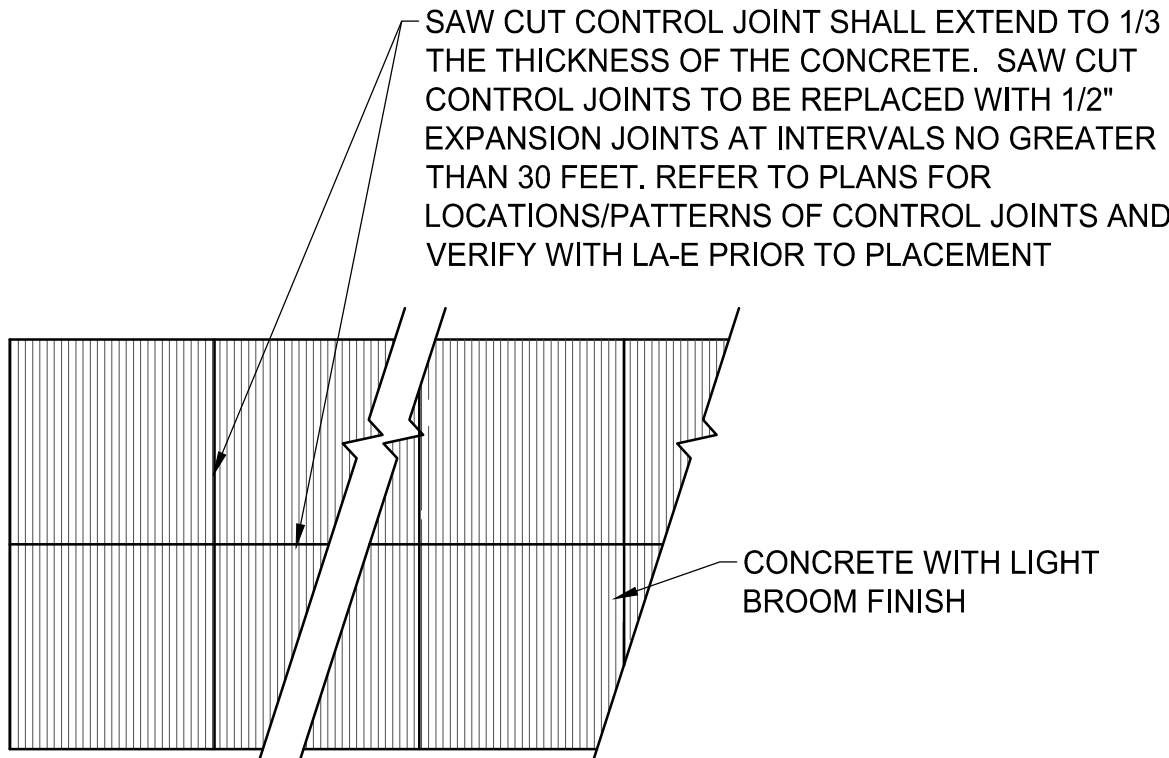
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Date

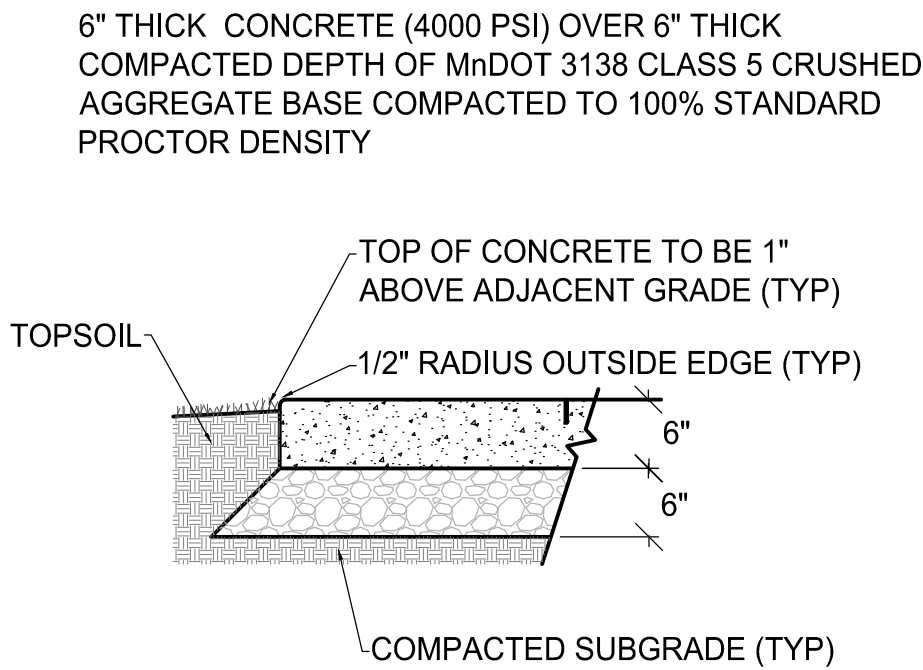
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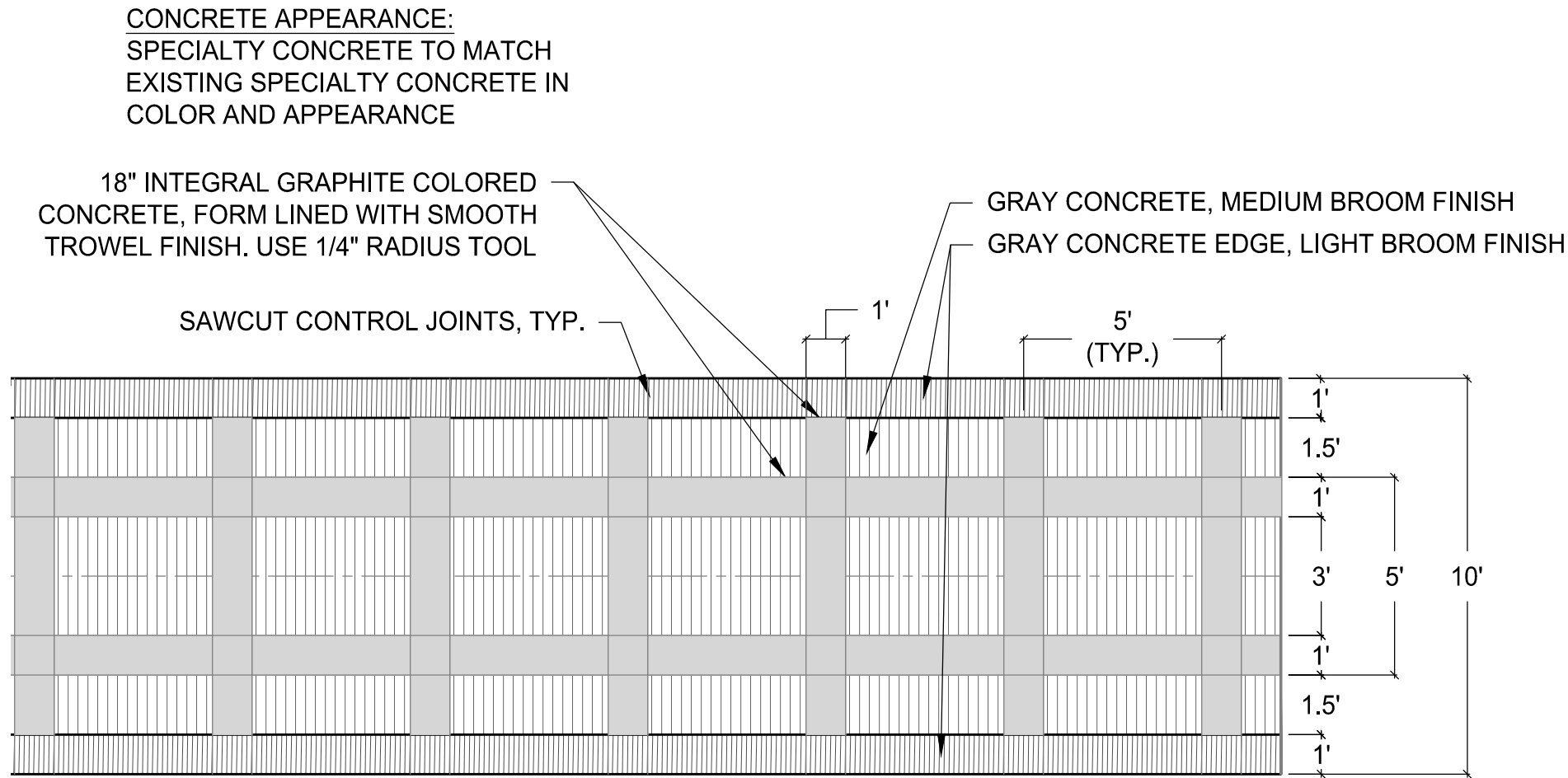
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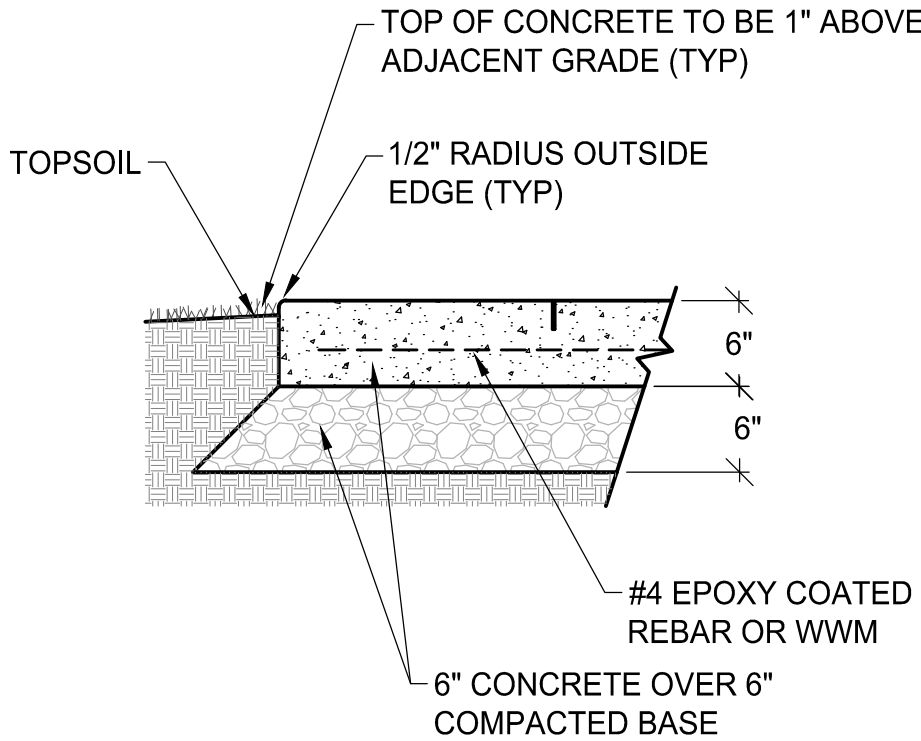
PLAN VIEW



SECTION VIEW



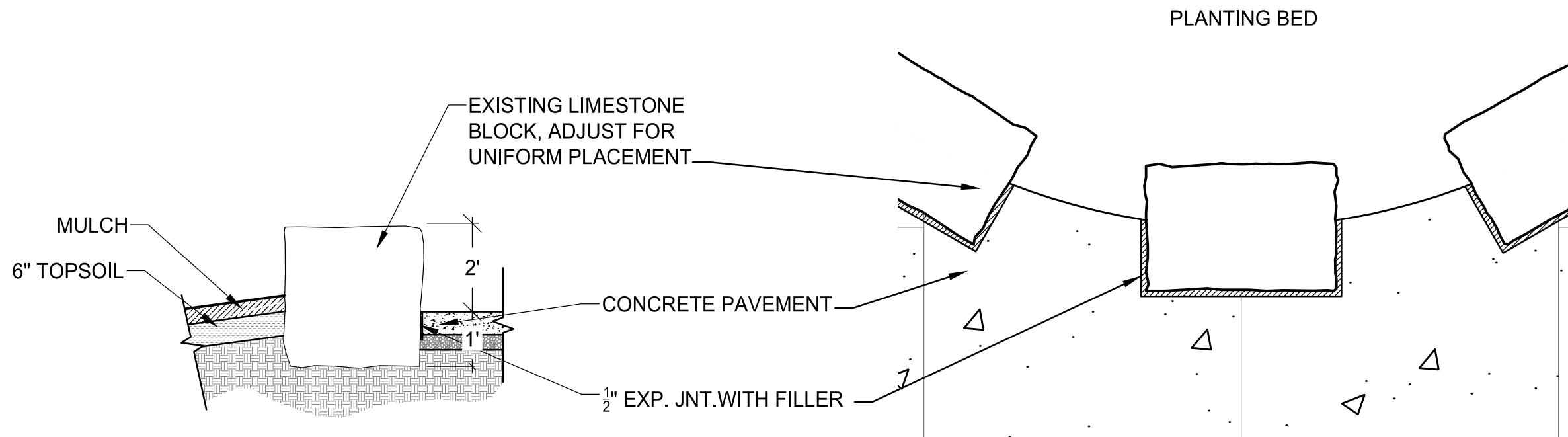
PLAN VIEW



SECTION VIEW

1
L6.0 CONCRETE PAVEMENT - STANDARD

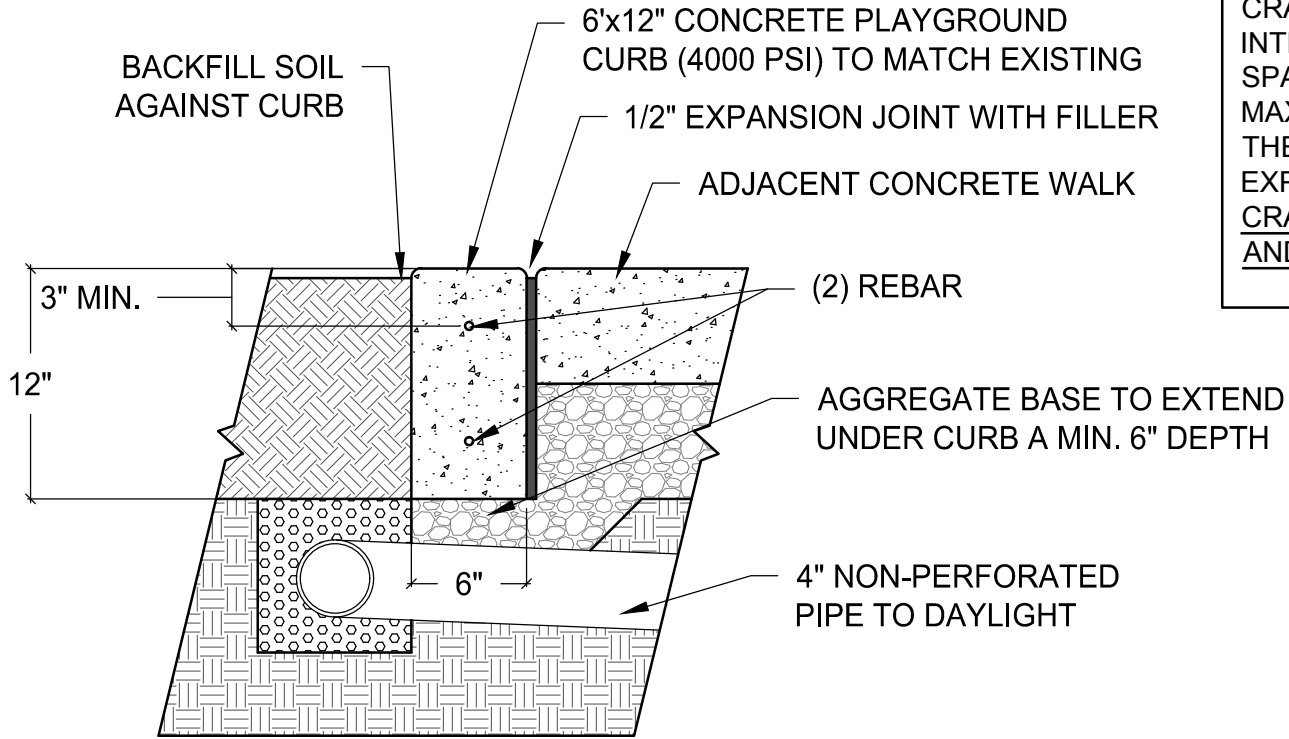
2
L6.0 6" CONCRETE PAVEMENT - SPECIAL



SECTION VIEW

PLAN VIEW

3
L6.0 CONCRETE AT LIMESTONE SEAT BLOCK
NOT TO SCALE



CONTROL JOINT NOTE:
CRACK CONTROL JOINTS SHALL BE PLACED AT ALL CORNERS AND INTERSECTIONS OF THE PLAY AREA CURB WITH JOINTS EQUALLY SPACED IN BETWEEN CORNERS AND INTERSECTIONS AT 10' MAXIMUM INTERVALS AND SHALL EXTEND TO 1/3 THE DEPTH OF THE CONCRETE. REPLACE CRACK CONTROL JOINTS WITH 1/2" EXPANSION JOINTS AT 30' MAXIMUM INTERVALS. LOCATION OF CRACK CONTROL AND EXPANSION JOINTS SHALL BE REVIEWED AND APPROVED BY LA-E PRIOR TO POURING CURB (TYP).

4
L6.0 6" WIDE CONCRETE PLAY AREA CURB
NOT TO SCALE

APPROVED:

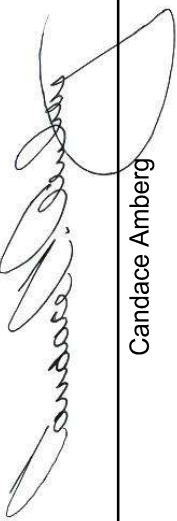
Brian D. Connolly, PE
Public Works Director, Inver Grove Heights
12/27/2022
Date
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SCALE: DESIGN BY: CA
PLAN BY: HW CHECK BY: CA

REVISIONS

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Candace Amberg
DATE: 12-28-2022 LIC. NO: 40646

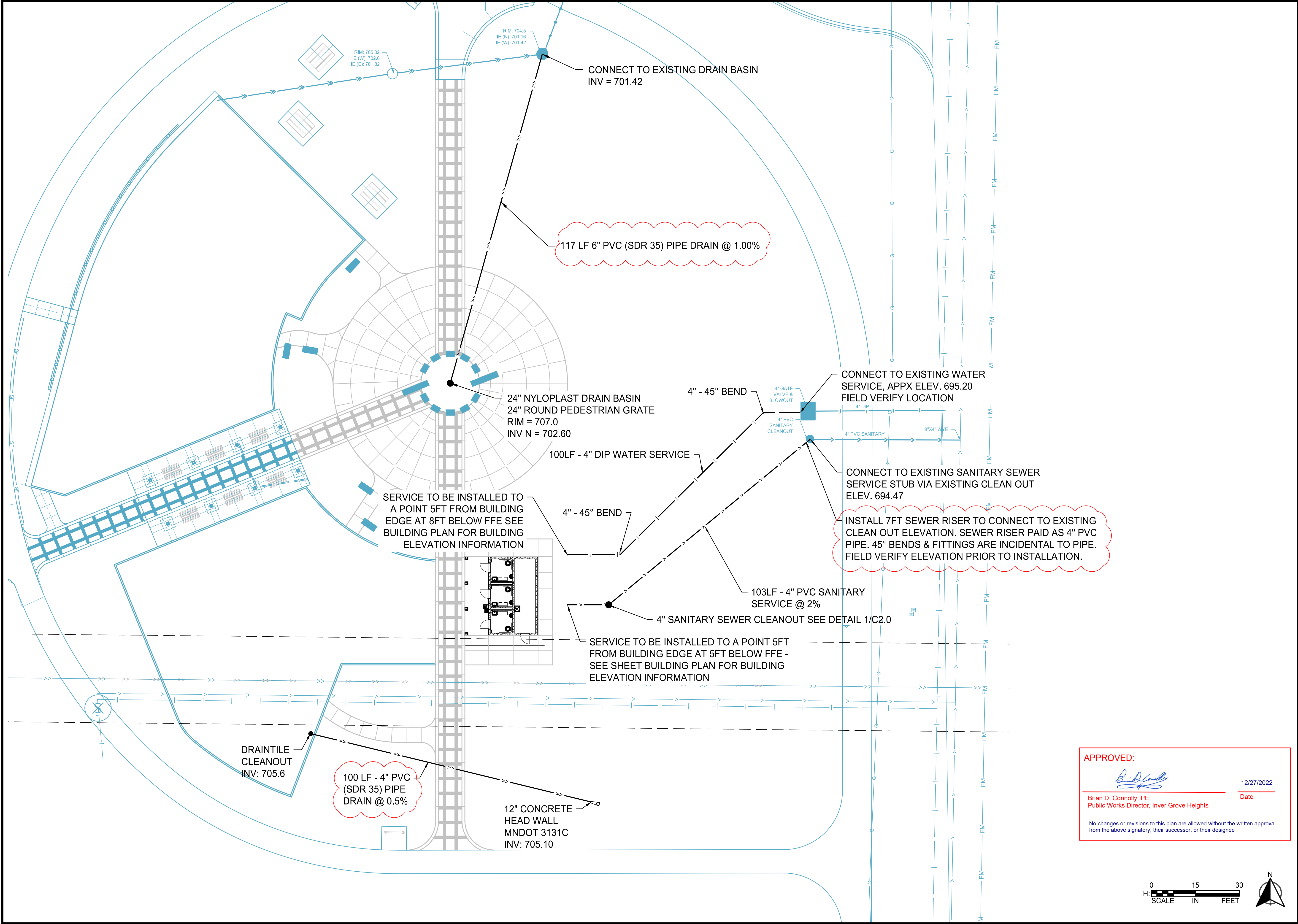
DETAILS

HERITAGE VILLAGE PARK
CITY OF INVER GROVE HEIGHTS

CLIENT PROJECT NO.
2117

WSB PROJECT NO.
020153-000

SHEET
L6.0



SCALE: DESIGN BY:
AKMM
PLAN BY: CHECK BY:
AKMM

REVISIONS

NO.	DATE	DESCRIPTION
1	07/14/2022	STORM & SANITARY NOTES

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

ALEXANDRA KM MOLLENKAMP, PE
DATE: 12-28-2022 LIC. NO. 57240

UTILITY PLAN

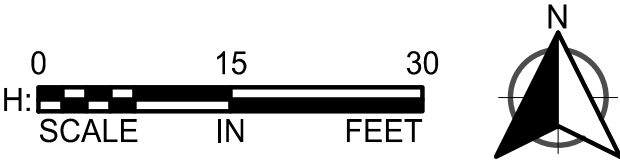
HERITAGE VILLAGE PARK
CITY OF INVER GROVE HEIGHTS

APPROVED:

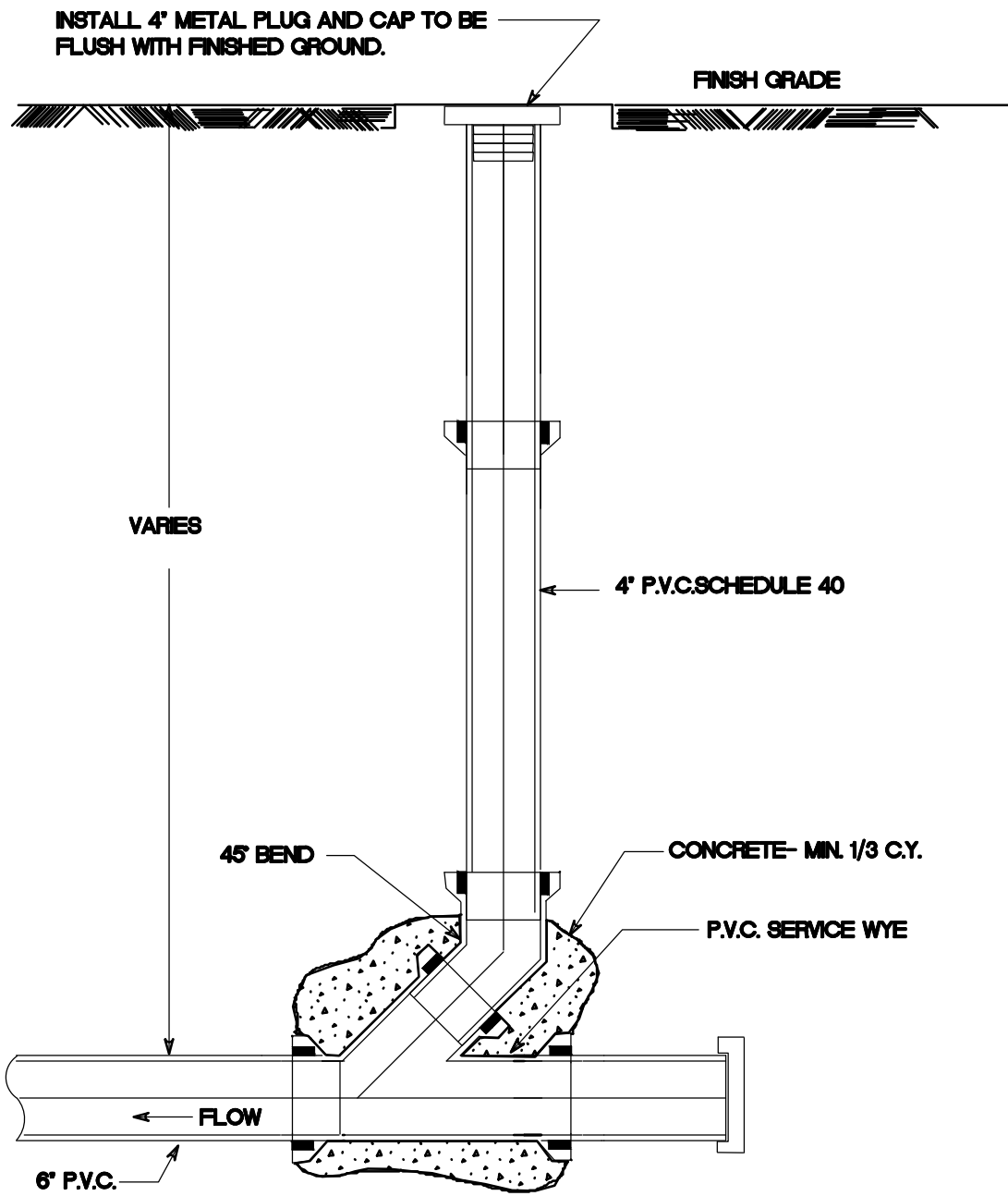
Brian D. Connolly, PE
Public Works Director, Inver Grove Heights

12/27/2022
Date

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CLIENT PROJECT NO.
2117
WSB PROJECT NO.
020153-000
SHEET
C1.0



NOTES:
1. ALL FITTINGS, PLUGS AND PIPE ARE INCIDENTAL TO CLEANOUT PAY ITEM.

1

C2.0

CLEANOUT DETAIL

Not to Scale

APPROVED:



12/27/2022

Brian D. Connolly, PE
Public Works Director, Inver Grove Heights

Date

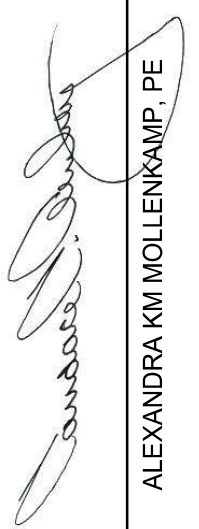
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SCALE: DESIGN BY:
AKMM AKMM

PLAN BY: CHECK BY:
AKMM AKMM

REVISIONS	
NO.	DESCRIPTION

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ALEXANDRA KM MOLLENKAMP, PE

DATE: 12-28-2022

LIC. NO: 57240

UTILITY DETAILS

HERITAGE VILLAGE PARK
CITY OF INVER GROVE HEIGHTS

CLIENT PROJECT NO.
2117

WSB PROJECT NO.
020153-000

SHEET
C2.0

HVP - Phase 4 Construction

ESTIMATE OF PROBABLE COSTS FOR CONSTRUCTION

No.	Spec	Item	Units	Quantity	Unit Price	Total Price
BASE BID						
1	2021.501	SITE MOBILIZATION (5%)	LS	1	\$84,898.25	\$84,898.25
2	2100.601	RESTROOM BUILDING (3-STALL)	LS	1	\$540,000.00	\$540,000.00
3	2100.601	ROUNDHOUSE SHELTER	LS	1	\$516,000.00	\$516,000.00
4	2100.601	BENCH COVER SHELTER - DOUBLE	LS	1	\$278,000.00	\$278,000.00
5	2104.504	REMOVE PAVEMENT	SY	15	\$5.00	\$75.00
6	2105.507	ROCK EXCAVATION	CY	45	\$100.00	\$4,500.00
7	2106.501	EXCAVATION - COMMON	LS	1	\$50,000.00	\$50,000.00
8	2106.507	SELECT GRANULAR EMBANKMENT (P)	CY	150	\$30.00	\$4,500.00
9	2502.502	4" PRECAST CONCRETE HEADWALL	EACH	1	\$500.00	\$500.00
10	2502.602	4" PVC PIPE DRAIN CLEANOUT	EACH	1	\$700.00	\$700.00
11	2503.503	4" DUCTILE IRON PIPE SEWER CL 52	LF	100	\$100.00	\$10,000.00
12	2503.503	4" PVC STORM SEWER PIPE	LF	100	\$75.00	\$7,500.00
13	2503.503	6" PVC STORM SEWER PIPE	LF	117	\$70.00	\$8,190.00
14	2503.602	CONNECT TO EXISTING SANITARY SEWER SER	EACH	1	\$2,000.00	\$2,000.00
15	2503.602	CONNECT INTO EXISTING DRAINAGE STRUCTURE	EACH	1	\$1,300.00	\$1,300.00
16	2503.603	4" PVC SANITARY SERVICE PIPE	LF	110	\$50.00	\$5,500.00
17	2504.602	CONNECT TO EXISTING WATER SERVICE	EACH	1	\$4,000.00	\$4,000.00
18	2504.608	DUCTILE IRON FITTINGS	LB	44	\$15.00	\$660.00
19	2506.602	DRAINAGE STRUCTURE DES SPEC (NP)	EACH	1	\$4,000.00	\$4,000.00
20	2521.518	6-INCH CONCRETE W/BASE	SF	5,000	\$10.00	\$50,000.00
21	2521.518	6-INCH CONCRETE W/BASE (SPECIAL)	SF	3,000	\$30.00	\$90,000.00
22	2531.503	CONCRETE CURB (SPECIAL)	LF	36	\$40.00	\$1,440.00
23	2550.601	ELECTRICAL SERVICE	LS	1	\$100,000.00	\$100,000.00
24	2563.601	TRAFFIC CONTROL	LS	1	\$6,000.00	\$6,000.00
25	2573.501	STABILIZED CONSTRUCTION EXIT	LS	1	\$2,000.00	\$2,000.00
26	2573.502	STORM DRAIN INLET PROTECTION	EACH	4	\$300.00	\$1,200.00
27	2573.503	SILT FENCE TYPE MS	LF	500	\$3.50	\$1,750.00
28	2573.503	SEDIMENT CONTROL WOOD FIBER LOG	LF	100	\$3.50	\$350.00
29	2575.504	ROLLED EROSION PREVENTION CAT 20	SY	2,500	\$2.00	\$5,000.00
30	2575.505	SEEDING - TURF MIXTURE	ACRE	0.5	\$5,000.00	\$2,500.00
31	2575.507	MULCH MATERIAL TYPE 6	CY	5	\$60.00	\$300.00
TOTAL BASE BID SCHEDULE					\$1,782,863.25	

ALTERNATE BID

1	2100.601	DEDUCT FOR RESTROOM BUILDING (2-STALL)	LS	1	-\$44,240.00	-\$44,240.00
---	----------	--	----	---	--------------	--------------

January 4, 2023

Mr. Adam Lares
Parks and Recreation Director
City of Inver Grove Heights
8055 Barbara Ave
Inver Grove Heights, MN 55077

Re: City Project No. 2117
WSB Project No. 020153-000

Dear Adam:

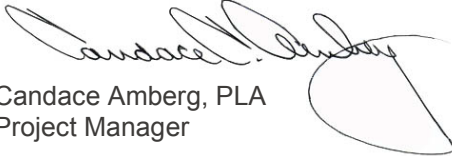
The following is a summary of the estimated project costs to-date using the estimate of probable costs for the upcoming bidding process. Included are estimated costs for the construction administration (C/A) portion of the work.

Estimated Base Bid:	\$1,782,863*
Deduct Alternate Bid:	(\$44,240)
5% Construction Contingency:	\$90,000
Site Amenities (est by city):	\$52,500
Estimate C/A Services:	\$50,000 to \$70,000 (depending on scope)
PROJECT TOTAL:	\$1.93 to \$2 million

* Current cost escalations related to materials and utilities are included in this estimate. The estimate also includes higher costs for a new electrical service adequate for the buildings and future splash pad loads and with the understanding there are some current availability issues with electrical panel components. Construction Administration (C/A) services are estimated and will be dependent on the actual scope of work approved and based upon 2023 hourly billing rates.

Sincerely,

WSB


Candace Amberg, PLA
Project Manager



CONCEPTUAL RENDERING- MAY NOT REFLECT BID DOCUMENTS.

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Kenneth A. Sheehan
KENNETH SHEEHAN
DATE: 06/27/2022 LIC NO: 43965

HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

COVER SHEET

ALLIANCE

Alliance
400 Clifton Avenue
Minneapolis, MN 55403

C.P.	SHEET
2117	g0.00

MATERIAL SYMBOLS

	ACOUSTICAL CEILING MATERIAL		GLASS
	BRICK		GRANULAR FILL
	CARPET		GYPSUM BOARD
	CONCRETE		EARTH
	CONCRETE MASONRY UNIT		INSULATION - RIGID
	FIRE PROOFING		INSULATION - BATT
	JOINT MATERIAL		STONE
	METAL		TERRAZZO
	SAND		TILE

ABBREVIATIONS:

A	ACCESSIBLE
ACC	ACOUSTICAL CEILING TILE
ACT	ADJUSTABLE OR ADJACENT
ADJ	AUTOMATIC EXTERNAL DEFIBRILLATOR
AED	ABOVE FINISH FLOOR
AFF	ALTERNATE
ALT	ALUMINUM
ALUM	ANODIZED
AND	ACCESS PANEL
AP	ACCOUSTICAL PANEL CEILING
APC	APPROXIMATE
APPX	ARCHITECTURAL OR ARCHITECT
ARCH	ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS
ASI	AUTOMATIC AUDIO-VISUAL
AUTO	AVERAGE
AV	ACOUSTIC(AL) WALL PANEL
AWP	ANGLE
L ()	
B	BOARD
BD	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM OR BENCH MARK
BO	BOTTOM OF
BRG	BEARING
BSMT	BASEMENT
BTWN	BETWEEN
BUR	BUILT UP ROOF(ING)
C	CHANNEL
CCD	CONSTRUCTION CHANGE DIRECTIVE
CFMF	COLD FORMED METAL FRAMING
CG	CORNER GUARD
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLOS	CLOSET
CLR	CLEAR OR CLEARANCE
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
CO	CHANGE ORDER
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONN	CONNECT(ED) OR CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
CPT	CARPET
CR	CARD READER
CSK	COUNTERSINK
CT	CERAMIC TILE
CTR	CENTER
CU	CUBIC
CUH	CABINET UNIT HEATER
CY	CUBIC YARD
CYL	CYLINDER
D	DOUBLE
DBL	DEMOLITION OR DEMOLISH
DEMO	DEPARTMENT
DPT	DIAMETER
DIA	DIFFUSER
DIFF	DIMENSION
DIM	DOWN
DN	DOOR
DR	DOWN SPOUT
DS	DETAIL
DTL	DISHWASHER
DW	DRAWING
DWG	DRAWER
DWR	

E	EAST
EA	EACH
EIFS	EXTERIOR INSULATED FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
ENCL	ENCLOSURE
ENG	ENGINEER
EQ	EQUAL
EQUIP	EQUIPMENT
EW	ELECTRIC WATER COOLER
EXIST	EXISTING
EXP	EXPANSION OR EXPOSED
EXT	EXTERIOR
EXTR	EXTRUDED OR EXTRUSION
F	FACE BRICK
FCBRK	FLOOR DRAIN
FD	FOUNDATION
FDTN	FIRE EXTINGUISHER
FE	FIRE EXTINGUISHER CABINET
FEC	FINISHED FLOOR ELEVATION
FHC	FIRE HOSE CABINET
FIN	FINISH OR FINISHED
FIX	FIXTURE
FL	FLOOR
FLASH	FLASHING
FLUOR	FLUORESCENT
FD	FIELD ORDER
FP	FIREPROOF(ING)
FR	FRAME
FRMG	FRAMING
FRP	FIBERGLASS REINFORCED PLASTIC
FT ()	FOOT OR FEET
FTG	FOOTING
FURR	FURRING
FUT	FUTURE
FVC	FIRE VALVE CABINET
G	GAUGE
GA	GALVANIZED
GALV	GENERAL CONTRACTOR
GC	GENERAL
GEN	GLASS OR GLAZING
GL	GYPSUM
GYP	GYPSUM BOARD
GYP BD	
H	HOSE BIBB
HB	HEADER
HDR	HARDWARE
HDW	HOLLOW METAL
HM	HORIZONTAL
HORIZ	HEIGHT
HT	HEATING, VENTILATING, AND AIR CONDITIONING
HVAC	
I	INSIDE DIAMETER
ID	INCH(ES)
IN(")	INCLUDE(D) OR INCLUDING
INCL	INSULATION OR INSULATING
INSUL	INTERIOR
INT	
J	JANITOR
JAN	JOIST BEARING ELEVATION
JBE	JOIST
JST	JOINT
JT	

K	KNOCK OUT
KO	
L	LABORATORY
LAB	LAMINATE(D)
LAM	LAVATORY
LAV	POUND(S)
LB	LINEAR FEET
LF	LIGHTING
LTG	LIGHT WEIGHT
LTWT	LOUVER
LVR	
M	MASONRY
MAS	MATERIAL
MAT	MAXIMUM
MAX	MEDIUM DENSITY FIBERBOARD
MDF	MECHANICAL, ELECTRICAL AND PLUMBING
MEP	MECHANICAL
MECH	MEMBRANE
MEMB	MEZZANINE
MEZZ	MANUFACTURER
MFR	MINIMUM
MIN	MISCELLANEOUS
MISC	MARKER BOARD
MKR BD	MASONRY OPENING
MO	MODULAR
MOD	METAL PANEL
MP	MOUNTED
MTD	MOUNTING
MTG	METAL
MTL	MICROWAVE
MW	
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
O	ON CENTER
OC	OUTSIDE DIAMETER
OD	OFFICE
OFF	OVERFLOW SCUPPER
OS	OVERHANG/OVERHEAD
OH	OVERHEAD DOOR
OH DR	OPENING
OPNG	OPPOSITE
OPP	OVERFLOW ROOF DRAIN
ORD	OUNCE
OZ	
P	PARALLEL
PAR	PROJECT DIRECTIVE
PD	PEDESTAL
PED	PERPENDICULAR
PERP	PLATE
PL	PLASTER
PLAS	PLYWOOD
PLYWD	PANEL
PNL	PAIR
PR	PROPOSAL REQUEST
PRR	PREFABRICATED
PREFAB	POUNDS PER SQUARE INCH
PSI	PAINT
PT	PAINTED
PTD	PARTITION
PTN	
Q	QUARTZ SURFACING
QS	QUARRY TILE
QT	QUANTITY
QTY	

R	RADIUS OR RISER
R	RADIATOR OR RADIATION
RAD	RESILIENT BASE
RB	REFLECTED CEILING PLAN
RCP	ROOF DRAIN
RD	RECESSED
REC	RECEPTACLE
RECEP	REFERENCE
REF	REFRIGERATOR
REFR	REINFORCE
REINF	REQUIRED
REQD	RETURN
RET	RESILIENT FLOOR(ING)
RF	REQUEST FOR INFORMATION
RFI	ROOM
RM	ROUGH OPENING
RO	ROOF TOP UNIT
RTU	RUBBER
RUB	REVEAL
RVL	REVERSE
RVS	
S	SOUTH
S	SCHEDULE
SCHED	SECTION
SECT	SQUARE FEET
SF	SHOWER
SHR	SHEET
SHT	SHEATHING
SHTHG	SIMILAR
SIM	SEALANT
SLNT	SLAB ON GRADE
SOG	SPECIFICATION(S)
SPEC	SQUARE
SQ	SOLID SURFACE
SS	STAINLESS STEEL
SST	STANDARD
STD	STEEL
STL	STONE
STN	STORAGE
STOR	STRUCTURAL OR STRUCTURE
STRUCT	SURFACE
SURF	SUSPENDED(ED)
SUSP	SYMMETRICAL
SYM	SYSTEM
SYS	
T	TREAD
T	TEMPERATURE OR TEMPERED
TEMP	TERRAZZO
TER	TONGUE AND GROOVE
TG	THICK(NESS)
THK	THRESHOLD
THRES	TACK BOARD
TKBD	TOP OF
TO	TRANSVERSE
TRANS	TUBE STEEL
TS	TYPICAL
TYP	
U	UNIT HEATER
UH	UNFINISHED
UNFIN	UNLESS NOTED OTHERWISE
UNO	
V	VINYL COMPOSITION TILE
VCT	VENTILATION
VENT	VERTICAL
VERT	VESTIBULE
VEST	VERIFY
VFY	VERIFY IN FIELD
VIF	VAPOR RETARDER
VR	
W	WEST
W	WITH
W	WITHOUT
W/O	WALL COVERING OR WATER CLOSET
WC	WOOD
WD	WIDE FLANGE
WDW	WEIGHT
WF	WELDED WIRE FABRIC
WWF	
Y	YARD
YD	

SITE LOCATION PLAN



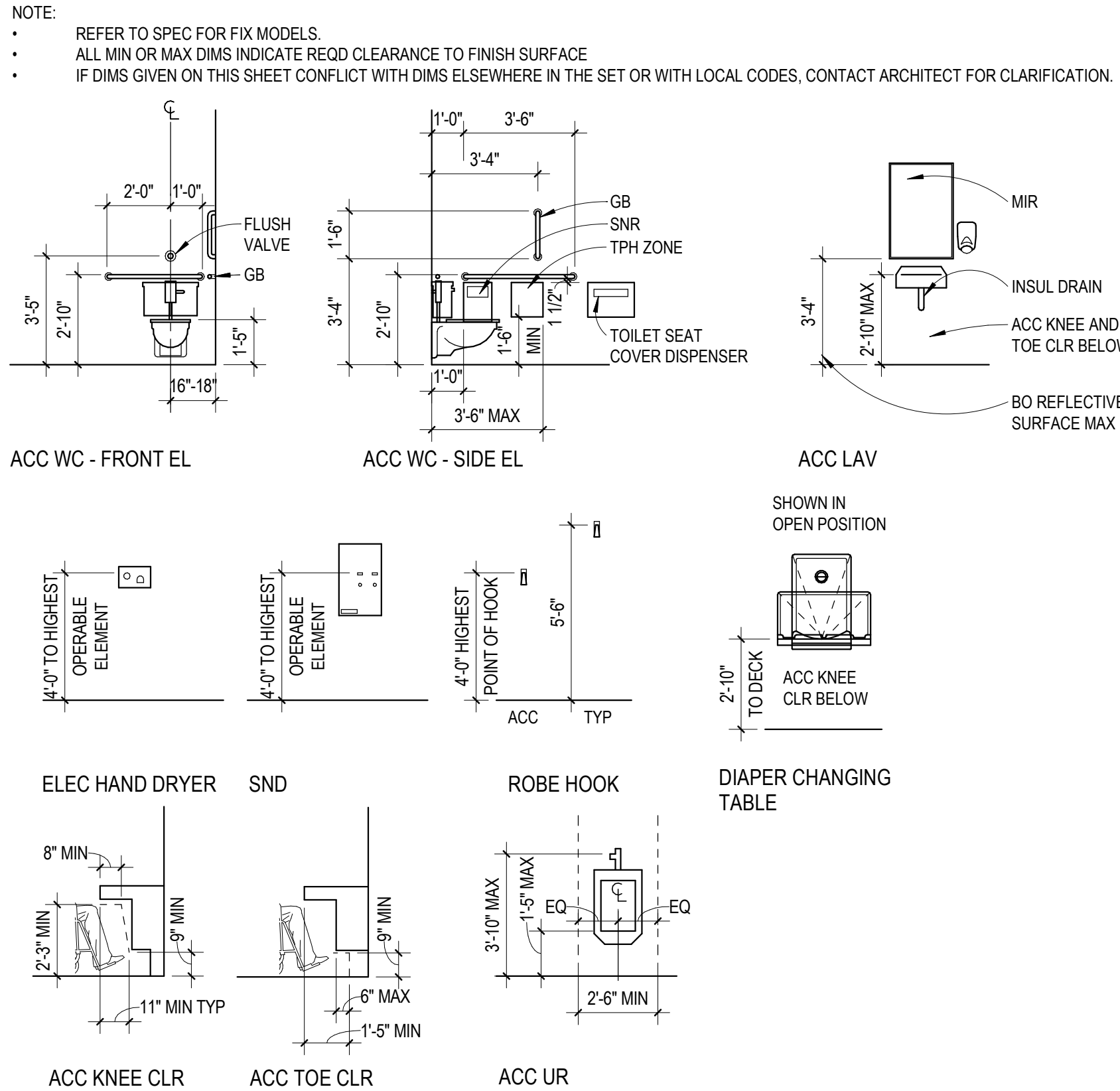
GENERAL NOTES

- THESE GENERAL NOTES SHALL APPLY TO ALL DRAWINGS. UNO.
- DO NOT SCALE DRAWINGS. DIMENSIONS SHOWN ON DRAWINGS SHALL GOVERN.
- COMPLY WITH ALL WRITTEN INSTALLATION INSTRUCTIONS PUBLISHED BY FIBER CEMENT BOARD MANUFACTURER, TYP.

DRAWING INDEX

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g0.00	COVER SHEET
a0.01	GENERAL INFORMATION
s0.01	STRUCTURAL TITLE SHEET
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s1.01B	RESTROOM BUILDING - FOUNDATION AND FRAMING PLANS
s1.01B-1	RESTROOM BUILDING - PLANS BID ALT 1
s1.01C	BENCH SHELTER - FOUNDATION AND FRAMING PLANS
s4.01	SECTIONS AND DETAILS
s4.11	SECTIONS AND DETAILS
s5.01	SCHEDULES AND DETAILS
a1.01A	FLOOR PLANS AND ROOF PLANS - ROUNDHOUSE
a1.01B	FLOOR PLANS AND ROOF PLANS - RESTROOMS BASE BIDS
a1.01B-1	FLOOR PLANS AND ROOF PLANS - RESTROOMS BID ALT 1
a1.01C	FLOOR PLANS AND ROOF PLANS - BENCH SHELTER
a3.01A	ELEVATIONS - ROUNDHOUSE
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a4.01B	BUILDING SECTIONS - RESTROOMS
a4.01C	BUILDING SECTIONS - BENCH SHELTER
a5.01	ENLARGED FLOOR PLANS, INTERIOR ELEVATIONS
a7.01A	EXTERIOR DETAILS
a7.01B	EXTERIOR DETAILS
a7.01C	EXTERIOR DETAILS
a8.01	ROOF, WALL, PARTITION TYPES, AND DOOR SCHEDULE
m0.01	MECHANICAL TITLE SHEET
m1.01B	MECHANICAL FLOOR PLANS- RESTROOM BASE BIDS
m1.01B-1	MECHANICAL FLOOR PLANS- RESTROOMS BID ALT 1
m2.01	MECHANICAL SCHEDULES
m3.01	MECHANICAL DETAILS
e0.01	ELECTRICAL TITLE SHEET
e1.01	OVERALL SITE PLAN- ELECTRICAL
e2.01A	ELECTRICAL FLOOR PLANS - ROUNDHOUSE
e2.01B	ELECTRICAL FLOOR PLANS - RESTROOMS BASE BIDS
e2.01B-1	ELECTRICAL FLOOR PLANS - RESTROOMS BID ALT 1
e3.01	SCHEDULES AND RISER DIAGRAM
e4.01	ELECTRICAL DETAILS

MOUNTING HEIGHT AND CLEARANCE SCHEDULE



HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

GENERAL INFORMATION

C.P. SHEET
2117 a0.01

ALLIANCE

Alliance
400 Clifton Avenue
Minneapolis, MN 55403

wsb

WSB PROJECT NO.: 020153-000

SCALE: AS SHOWN
DESIGNED BY: ALLIANCE
PLAN BY: ALLIANCE
CHECKED BY: ALLIANCE

REVISIONS

NO.	DATE	DESCRIPTION

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

Kenneth A. Sheehan
KENNETH SHEEHAN
DATE: 06/27/2022 LIC NO.: 43965

	DIMENSIONAL LUMBER		BEARING PLATE MARK - SEE SCHEDULE		MATCHLINE
	WOOD BLOCKING		COLUMN MARK - STEEL, CONCRETE, OR PRECAST - SEE SCHEDULE		EXISTING BUILDING LINE
	FINISH WOOD		FOOTING MARK FOR COLUMNS - SEE SCHEDULE		HIDDEN EXISTING BUILDING LINE
	STEEL OR METAL		FOOTING MARK FOR WALLS - SEE SCHEDULE		BREAK LINE
	CONCRETE BLOCK - HOLLOW OR SOLID		KEY NOTES - SPECIFIC NOTES KEYED TO AN ELEMENT OR AREA, SEE SCHEDULE		DIRECTION OF SLOPE
	FACE OR COMMON BRICK		LINTEL MARK - SEE SCHEDULE		STEEL BEAM SPLICE
	RIGID INSULATION		PIER MARK - MASONRY OR CONCRETE - SEE SCHEDULE		STEEL BEAM CONTINUOUS OVER SUPPORT
	BATT OR BLANKET INSULATION		PILE CAP MARK - SEE SCHEDULE		MOMENT CONNECTION FOR STEEL BEAMS
	PLYWOOD		REVISION MARK - INDICATES A CHANGE AFTER CONTRACT DOCUMENT ISSUE		LOCATION OF BEAM BRACE
	EARTH, FILL OR BACKFILL		SHEAR WALL MARK - SEE SCHEDULE		SPAN OF STRUCTURAL ELEMENT
	SAND OR GROUT		STUD RAIL MARK - SEE SCHEDULE		ELEVATION CHANGE (STEPPED OR SLOPED)
	CONCRETE		STRUCTURAL WOOD WALL MARK - SEE SCHEDULE		WALL REINFORCING MARK - MASONRY OR CONCRETE - SEE SCHEDULE
	STONE		SECTION NUMBER		LOCATION OF BRACED FRAME
			DRAWING NUMBER WHERE SECTION IS FOUND		SLAB REINFORCING - TOP BARS
			DETAIL NUMBER		SLAB REINFORCING - BOTTOM BARS
			DRAWING NUMBER WHERE DETAIL IS FOUND		DIMENSION LINES
			ELEVATION NUMBER		MATERIAL LIMIT LINES
			DRAWING NUMBER WHERE ELEVATION IS FOUND		MATERIAL NOT INCLUDED IN LIMIT LINES
					FOOTING STEP

These notes are provided for typical conditions. See plans and details for specific requirements in other areas.

DEFERRED STRUCTURAL SUBMITTALS

Deferred submittals are those portions of the design which are not submitted at the time of permit application but are to be submitted to the building official prior to installation. Deferred submittals are governed by Minnesota State Building Code (2015) section 1300.0130. The following items are to be issued as deferred submittals:

- Tongue and Groove Decking and connections

For all deferred structural submittals, include design and calculations prepared and certified by an engineer licensed to practice in the state in which the project is located as part of the submittal documents. See specification and structural notes for additional shop drawing requirements. Provide deferred submittals a minimum of 30 days prior to installation, and after contractor's review, to the architect and structural engineer for review for general conformance to the contract documents. After architect's and structural engineer's review, submit to building official for review and approval. Do not install deferred submittal items until submittal documents have been reviewed and approved by the building official.

Refer to architectural, civil, mechanical, and electrical drawings for additional deferred submittal components.

COORDINATION – ARCHITECTURAL, MECHANICAL AND ELECTRICAL ITEMS

Verify all depressions, dimensions, elevations, openings, equipment supports, and details and coordinate by reference to architectural, mechanical and electrical drawings.

OPENINGS

Verify size and location of all openings with architectural, mechanical and electrical drawings. Structural drawings do not necessarily show all openings.

Place openings in floor and roof not shown on structural drawings between structural members. Notify Structural Engineer before openings larger than 12" in any dimension are added.

DESIGN CODES AND STANDARDS

International Building Code (2012) - As amended by the Minnesota State Building Code (2015)

American Concrete Institute (ACI) 318-11 – Building Code Requirements for Structural Concrete

American Concrete Institute (ACI) 530-11 – Building Code Requirements for Masonry Structures

American Institute of Steel Construction (AISC) 360-10 – Specification for Structural Steel Buildings

American Institute of Steel Construction (AISC) – Steel Construction Manual - Fourteenth Edition

American Welding Society - Structural Welding Code - Steel (2010) as modified by AISC Specifications

American Wood Council - National Design Specification for Wood Construction - 2012 Edition

American Wood Council – Special Design Provisions for Wind and Seismic – 2008 Edition

DESIGN STRESSES

Reinforcing Steel (Fy)

- 60,000 psi (A615, Grade 60)

Concrete (fc) (28-day compressive strength)

- 4,500 psi for exterior concrete
- 4,000 psi for interior slab on grade
- 3,000 psi for footings
- 3,000 psi (pre-mixed grout) for masonry cores, lintels, and bond beams

Masonry (28-day compressive strength)

- 2,000 psi prism strength (f'm)
- 2,800 psi CMU compressive strength
- 3,000 psi grout strength

Structural Steel (Fy)

- 50,000 psi (A992 or A572 Grade 50) for W shapes
- 36,000 psi (A36) for bars, plates, angles and other shapes

Wood (Base Design Values subject to modification per 2012 NDS)

Spruce-Pine-Fir (SPF) No. 2 for 2x Sluds, Plates, and Blocking

- Bending: 875 psi
- Compression (parallel to grain): 1,150 psi
- Compression (perpendicular to grain): 425 psi
- Shear: 135 psi
- Elastic Modulus: 1,400,000 psi

Southern Pine (SP) No. 2 & Better for Treated 2x Dimension Lumber

- Bending: 1,100 psi (2x4), 1,000 (2x6); 925 psi (2x8); 800 psi (2x10); 750 psi (2x12)
- Compression (parallel to grain): 1,450 psi (2x4); 1,400 psi (2x6); 1,350 psi (2x8); 1,300 psi (2x10); 1,250 psi (2x12)
- Compression (perpendicular to grain): 565 psi
- Shear: 175 psi
- Elastic Modulus: 1,400,000 psi

Hem Fir (HF) No. 2 or SPF No. 2 for 2x Headers, Joists, and Beams

- Bending: 850 psi
- Compression (parallel to grain): 1,300 psi
- Compression (perpendicular to grain): 405 psi
- Shear: 135 psi
- Elastic Modulus: 1,300,000 psi

Tongue and Groove Laminated Wood Decking: Douglas Fir - Larch

- Bending (Fb): 2,250 psi
- Shear: 165 psi
- Elastic Modulus: 1,800,000 psi

DESIGN LOADS

Roof Loads

- Roof Dead Load: 10 psf
- Roof Snow Load Parameters
 - Ground Snow Load = 50 psf
 - Exposure Factor (Ce) = 1.0
 - Occupancy Importance Factor = 1.0
 - Thermal Factor (Ct) = 1.2
 - Flat-Roof Snow Load (P_f) = 42 psf
- Snow Drift Loads: In accordance with ASCE 7-10 Chapter 7.

Wind Loads

- ASCE 7-10 Directional Procedure Parameters
 - Exposure B
 - Ultimate design wind speed 115 MPH (3 second gust)
 - Nominal design wind speed 90 MPH
 - Wind Directionality Factor (K_d) 0.85
 - Risk Category II
 - Topographic Factor (K_{zt}) 1.0
 - Internal Pressure Coefficient (GcP) +0.18
- Components and Cladding Wind Loads (ultimate)
 - Roof Uplift:
 - Zone 1 = 72 psf
 - Zone 2 = 36 psf (within 6'-0" of edge)
 - Zone 3 = 24 psf (within 3'-0" of edge)
 - Walls:
 - Zone 4 = 22 psf
 - Zone 5 = 26 psf

Seismic Loads

- Seismic design not required per MSBC 1305.0011 Subparagraph 4.

TEMPORARY BRACING

This structure is a non-self-supporting steel frame that requires interaction with slabs, and roof deck to provide the required lateral stability. Provide required temporary bracing for structural steel until permanent bracing, slabs, roof deck, and walls are in place.

GEOTECHNICAL INFORMATION

The foundation design is based on the recommendations contained in Geotechnical Report number 013059-000 prepared by WSB Engineering and dated December 20, 2016. Allowable foundation pressures are to be verified in field by a licensed professional geotechnical engineer. Foundation design parameters are as follows:

- Nat soil bearing capacity
- Strip footings: 3,000 psf
- Spread footings: 3,000 psf

BACKFILLING

Backfill and materials behind foundation and retaining walls shall be as outlined in the Geotechnical Report.

Do not backfill or compact earth against slabs retaining earth until supporting slabs have reached 75% of their design strength or adequate bracing is in place. Provide bracing designed and certified by an Engineer licensed in the state in which the project is located. Submit design and calculations to Structural Engineer for review only. Backfill evenly on both sides of foundation walls to prevent overturning or lateral wall movement.

CONCRETE REINFORCING GENERAL

Provide standard hooks where hook lengths are not specified.

See sheet s5.01 for required reinforcing splice lengths.

Provide epoxy coated reinforcing for all concrete exposed to weather such as retaining walls, and exterior walls, piers, columns, slabs, and paving. Epoxy coated reinforcing is not required for building foundation walls unless specifically noted.

Soft metric bar sizes vs. inch-pound (U.S. System of Measures) bar size table. BGBM drawings reflect the U.S. System of Measure.

Inch-Pound Bar Size	Soft Metric Bar Size
Designation	Designation
#3 -----	#10
#4 -----	#13
#5 -----	#16
#6 -----	#19
#7 -----	#22
#8 -----	#25

CONCRETE COVER ON REINFORCING

Footings: 3" clear bottom and sides

2" clear top

Piers: 1 1/2" clear to ties or stirrups

Slab on Grade: Place reinforcing in upper third of slab (minimum 3/4" clear top)

Masonry Walls & Columns: centered in cell

1/2" from inside face of cell if not centered

Masonry Lintels/Band Bms: Place bottom reinforcing within 4" of bottom of lintel

FOOTINGS

For wall footings, provide 32 bar dia. lap at reinforcing splices and full crossing lap at intersections.

Unless otherwise noted, center wall footings under walls and column footings under columns.

Footing elevations shown on plan are to top of footing (TOF).

Hook wall and column dowels at 3" clear bottom of footing.

CONCRETE SLABS ON GRADE

See details 5/64.01 for control/construction joints.

If control joints are not shown on plan, place control/construction joints at columns and provide additional joints to meet the spacings indicated below:

- Exterior slabs, 10'-0" oc maximum
- Interior slabs, 12'-0" oc maximum

"L" shaped panels and rectangular panels (with length to width ratio greater than 1.5) are not allowed.

All control/construction joints must be continuous and not staggered or offset.

REINFORCED CONCRETE BLOCK WALLS

When one bar is required in a single core, place in center, unless noted otherwise.

When two bars are required in a single core, place one near each face.

See sheet s5.01 for required vertical reinforcing splice lengths.

Lap horizontal bond beam reinforcing 48 bar diameters at splices. See detail 5/64.01 for corner bars

Extend vertical reinforcing from footings to 2" clear top of wall or to beam bearing for reinforcing below beams.

Fill block core at vertical reinforcing (8" minimum length along wall) with concrete or grout. Vibrate in place. Rodding and puddling are not allowed

Maximum grout pour height is 4'-0" for plain masonry units or 20 feet for open core block. Provide cleanouts if pour height exceeds 5'-4". Maximum grout lift height within a grout pour is 5'-4". See Specification 042731 for grouting requirements if plain shapes are being used.

Provide horizontal joint reinforcing at 16"oc.

s0.01	STRUCTURAL TITLE SHEET
s1.01A	ROUNDHOUSE - FOUNDATION AND FRAMING PLANS
s1.01B	RESTROOM BUILDING - FOUNDATION AND FRAMING PLANS
s1.01B-1	RESTROOM BUILDING - PLANS BID ALT 1
s1.01C	BENCH SHELTER - FOUNDATION AND FRAMING PLANS
s4.01	SECTIONS AND DETAILS
s4.11	SECTIONS AND DETAILS
s5.01	SCHEDULES AND DETAILS

IN ADDITION TO THE REGULAR INSPECTIONS, THE FOLLOWING STRUCTURAL ITEMS REQUIRE SPECIAL INSPECTION IN ACCORDANCE WITH SECTION 1705 OF THE INTERNATIONAL BUILDING CODE. SEE SPECIFICATION SECTION 014533 AND MATERIAL SPECIFICATION SECTIONS FOR SPECIFIC REQUIREMENTS. CONSTRUCTION NOT ASSOCIATED WITH THE STRUCTURAL SYSTEM MAY REQUIRE SPECIAL INSPECTION BUT IS NOT LISTED HERE.		
ITEM	REQUIRED?	REMARKS
1. Salls compliance prior to foundation construction	YES	Reference IBC 1705.6
2. Column footings	NO	Building is 3 stories or less in height
3. Wall footings	NO	Footing and pier concrete designed for fc=2500 psi. Building is 3 stories or less in height
4. Structural concrete	YES	Reference IBC table 1705.3 and MSBC 1305.1705
5. Reinforcing steel	YES	Reference IBC table 1705.3
6. Bolts installed in concrete	YES	Reference IBC table 1705.3
7. Post-installed anchors	YES	Reference IBC table 1705.3
8. Structural steel fabrication	YES	May be performed by fabricator if fabricator is AISC certified. Reference IBC 1705.2.1 and AISC 360 Chapter N
9. Structural welding and high strength bolting	YES	Reference IBC 1705.2.1 and AISC 360 Chapter N
10. Reinforcing steel welding		

REVISIONS

NO.	DATE	DESCRIPTION

WSB PROJECT NO.:
020153-000

SCALE: NONE

PLAN BY: TLR

DESIGNED BY: TJJK

CHECKED BY: AR

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Anthony M. Radtke

DATE: 06-27-2022

Anthony M. Radtke

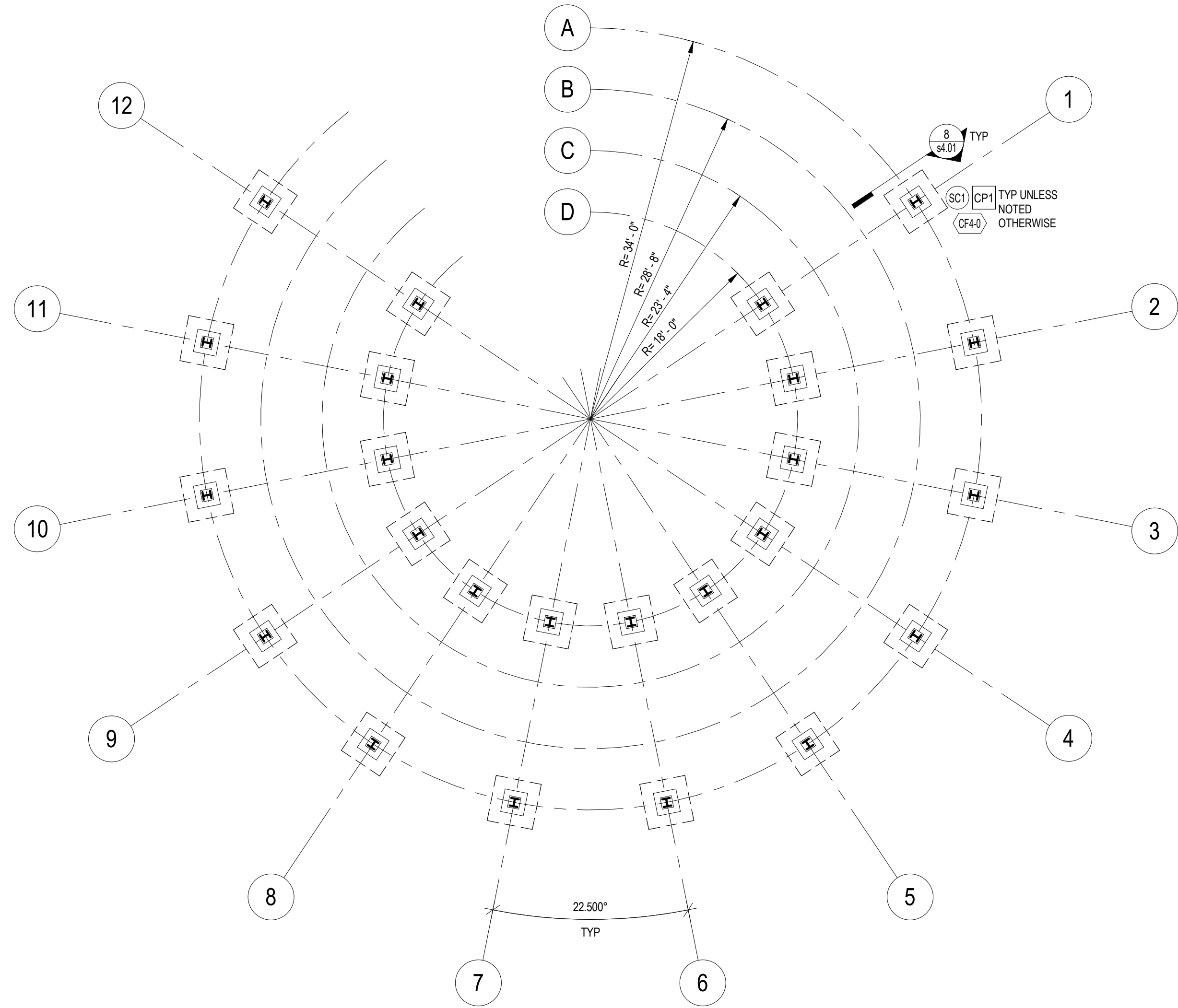
LIC NO: 48023

ADDNL	Additional	FV	Field Verify	NTS	Not To Scale
ALT	Alternate	FLG	Flange	NO or #	Number
ANCH	Anchor	FLR	Floor	OC	On Center
AB	Anchor Bolt	FT	Foot	OPNG or OPG	Opening
&	And	FTG	Footing	OPP	Opposite
L	Angle	FOUND or FDN	Foundation	OD	Outside Diameter
ARCH	Architect or Architectural	GALV	Galvanized	OF	Outside Face
@	At	GA	Gauge	PSL	Parallel Strand Lumber
BSMT	Basement	GC	General Contractor	/	Per
BM	Beam	GL or GLU/LAM	Glue Laminated Wood	PLK	Plank
BRG	Bearing	GB	Grade Beam	PL	Plate
BNT	Bent	H	H Shaped Column	PT	Pot Tension(ing)
BTVN or BET	Bent	HS	Headed Stud(s)	P	Pound
BLK	Block	HP	High Point	PSF	Pound per Square Foot
BB	Bond Beam / Lintel Beam	HSS	Hollow Structural Shape	PSI	Pound per Square Inch
BOT or BTM	Bottom	HK	Hook	PCF	Pounds per Cubic Foot
BRKT	Bracket	HORIZ	Horizontal	PC	Precast
BLDG	Building	IN	Inch	RFG	Reinforcing
CANT	Cantilever	INFO	Information	REINF	Reinforcing or Reinforce
CLG	Ceiling	ID	Inside Diameter	REBAR	Reinforcing Bar
CTR	Center	IF	Inside Face	REQ'D	Required
CL	Center Line	INSUL	Insulation	REV	Reverse
CTRD	Centered	INT	Interior	RD	Roof Drain
C	Channel	JT	Joint	SCHED or SCH	Schedule
CLR	Clear	JST(S)	Joint(s)	SEC	Section
COL	Column	KIP	1 Kip = 1,000 lbs	V	Shear
COMP	Composite	K	Kips	SHT	Sheet
CONC	Concrete	KIFT	Kips per Foot	SIM	Similar
CMU	Concrete Masonry Unit	KSF	Kips per Square Foot	SOG	Slab on Grade
COND	Condition	KSI	Kips per Square Inch	S	South
CONC	Connection	LSL	Laminated Strand Lumber	SPCS	Spaces
CONST	Construction	LSL	Laminated Veneer Lumber	SPEC	Specification
CONT	Continuous	LW	Light Weight	SQ	Square
CJ	Control Joint	L	Lintel	STAGG	Stagger
CONTR	Contractor	LL	Live Load	STD	Standard
DL	Dead Load	LLH	Long Leg Horizontal	STL	Steel
DEFL	Deflection	LV	Long Leg Vertical	STRUCT or STR	Structure
DBA	Deformed Bar Anchor	LSV	Long Side Horizontal	SUPP	Support
DTL or DET	Detail	LSV	Long Side Vertical	TEMP	Temporary or Temperature
DIAG	Diagonal	LP	Low Point	THRU	Through
DIA	Diameter	MFG	Manufacturer / Manufacturing	T&B	Top and Bottom
DM	Dimension	MAS	Masonry	T&B	Top of Beam
DWG(S)	Drawing(s)	MO	Mechanical Opening	T/ or TOPI	Top of Element
DWG(S) or DRWG	Drawing(s)	MAT	Material	TOF	Top of Footing
EA	Each	MAX	Maximum	TOS	Top of Slab
EF	Each Face	MECH	Mechanical	TOP	Typical
EW	Each Way	MECH	Mechanical, Electrical, and Plumbing	UN	Unless Noted
E	East	MBR	Member	UNO	Unless Noted Otherwise
E-W	East - West	MEZZ	Mechanically	VER	Verify
Fe	Effective Force (P.T.)	MPH	Miles per Hour	VIF	Verify in Field
ELEC	Electrical	MIN	Minimum	VERT	Vertical
EL	Elevation	MISC	Miscellaneous	WWF	Welded Wire Fabric
ELEV	Elevator	MC	Miscellaneous Channel	W	West or Wide Flange
EQ	Equal	M	Moment	WNO	Window
EXP	Expansion	NF	Nail Face	W	With
EJ or EXP JT	Expansion Joint	NOM	Nominal	W/O	Without
EXT	Extend or Exterior	N	North	WD	Wood
FF	Far Face	N-S	North - South	WP	Workpoint

**HERITAGE VILLAGE PARK PHASE 4
PARK BUILDINGS**

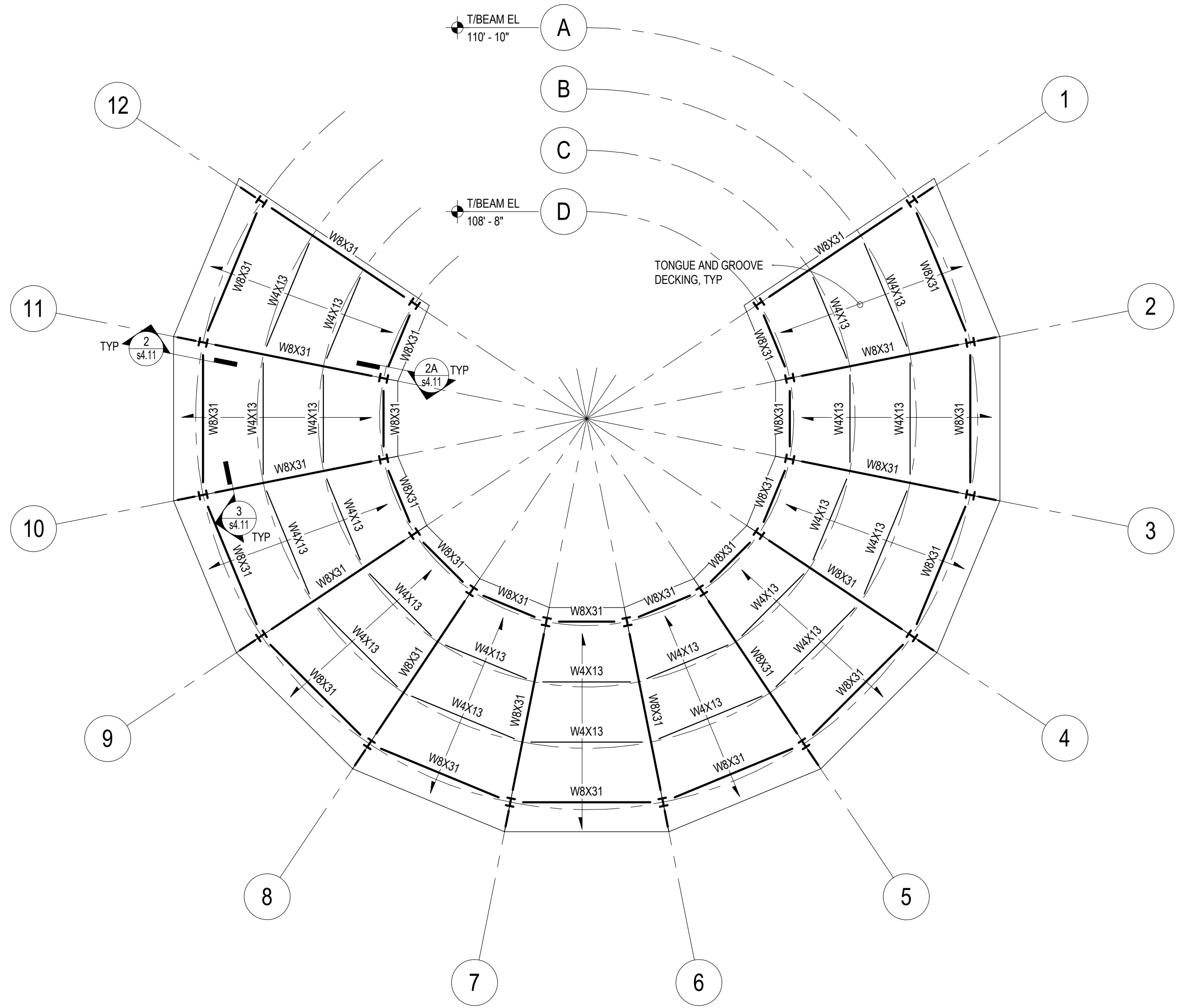
C.P. SHEET

2117 **s0.01**



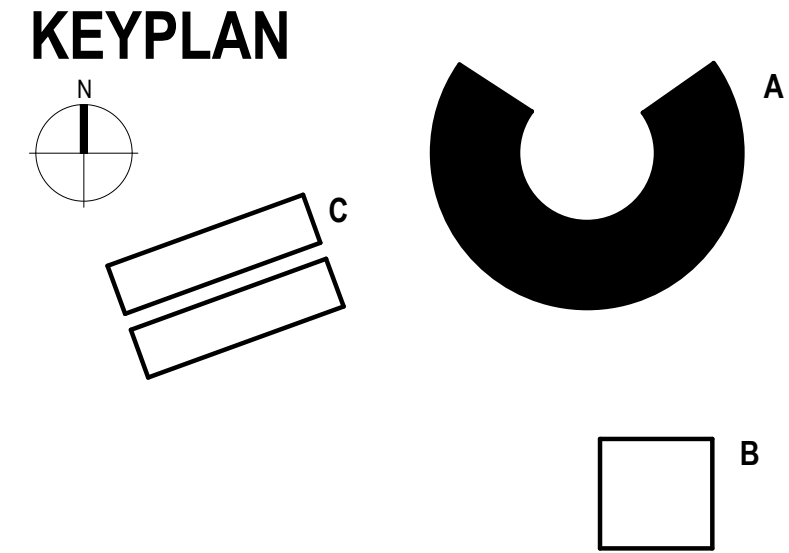
1 FOOTING AND FOUNDATION PLAN - ROUNDHOUSE

- UNLESS NOTED OTHERWISE:
- SEE SHEET 60.01 FOR STRUCTURAL NOTES, ABBREVIATIONS AND SYMBOLS.
 - SEE SHEET 64.01 FOR TYPICAL FOOTING AND FOUNDATION DETAILS.
 - SEE SHEET 45.01 FOR SCHEDULES.
 - PROVIDE 4" SLAB ON GRADE W/MICRO FIBER REINFORCING (MINIMUM 1.5 POUNDS PER CUBIC YARD).
 - TOP OF SLAB ELEVATION = 100'-0" (CIVIL DATUM = 707.56').
 - TOP OF EXTERIOR FOOTING ELEVATION (TOF) AT WALL AND COLUMNS = 96'-0".
 - TOP OF PIER ELEVATION = 99'-4".
 - PLACE ALL STOOP SLABS ON CLEAN GRANULAR FILL MATERIAL THAT EXTENDS DOWN TO BOTTOM OF FOOTING.
 - SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF RAMPS, SLAB SLOPES, STEPPED SLABS AND PARTITION WALLS.
 - REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND DIMENSIONS.



2 ROOF FRAMING PLAN - ROUNDHOUSE

- UNLESS NOTED OTHERWISE:
- SEE SHEET 60.01 FOR STRUCTURAL NOTES, ABBREVIATIONS, AND SYMBOLS.
 - SEE SHEET 65.01 FOR SCHEDULES.
 - TYPICAL TOP STEEL BEAM EL. - VARIES, SEE PLAN.
 - TYPICAL ROOF CONSTRUCTION CONSISTS OF 3" TONGUE AND GROOVE DECKING W/ 19/32" ROOF SHEATHING FASTENED W/10d NAILS @6"OC FOR PANEL EDGES AND 12"OC FOR PANEL FIELD.
 - SEE STRUCTURAL NOTES FOR CONCENTRATED LOADS (PIPING, MECHANICAL ROOF TOP EQUIPMENT, CURBS, ETC) ON JOISTS.
 - SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF RAMPS, SLAB SLOPES, STEPPED SLABS AND PARTITION WALLS.
 - REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND DIMENSIONS.



BKBM
ENGINEERS

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BKBM Job No. 20132.00

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www.bkbm.com



WSB PROJECT NO.:
020153-000

SCALE: NONE
DESIGNED BY: TJK
PLAN BY: TLR
CHECKED BY: AR

NO.	DATE	DESCRIPTION

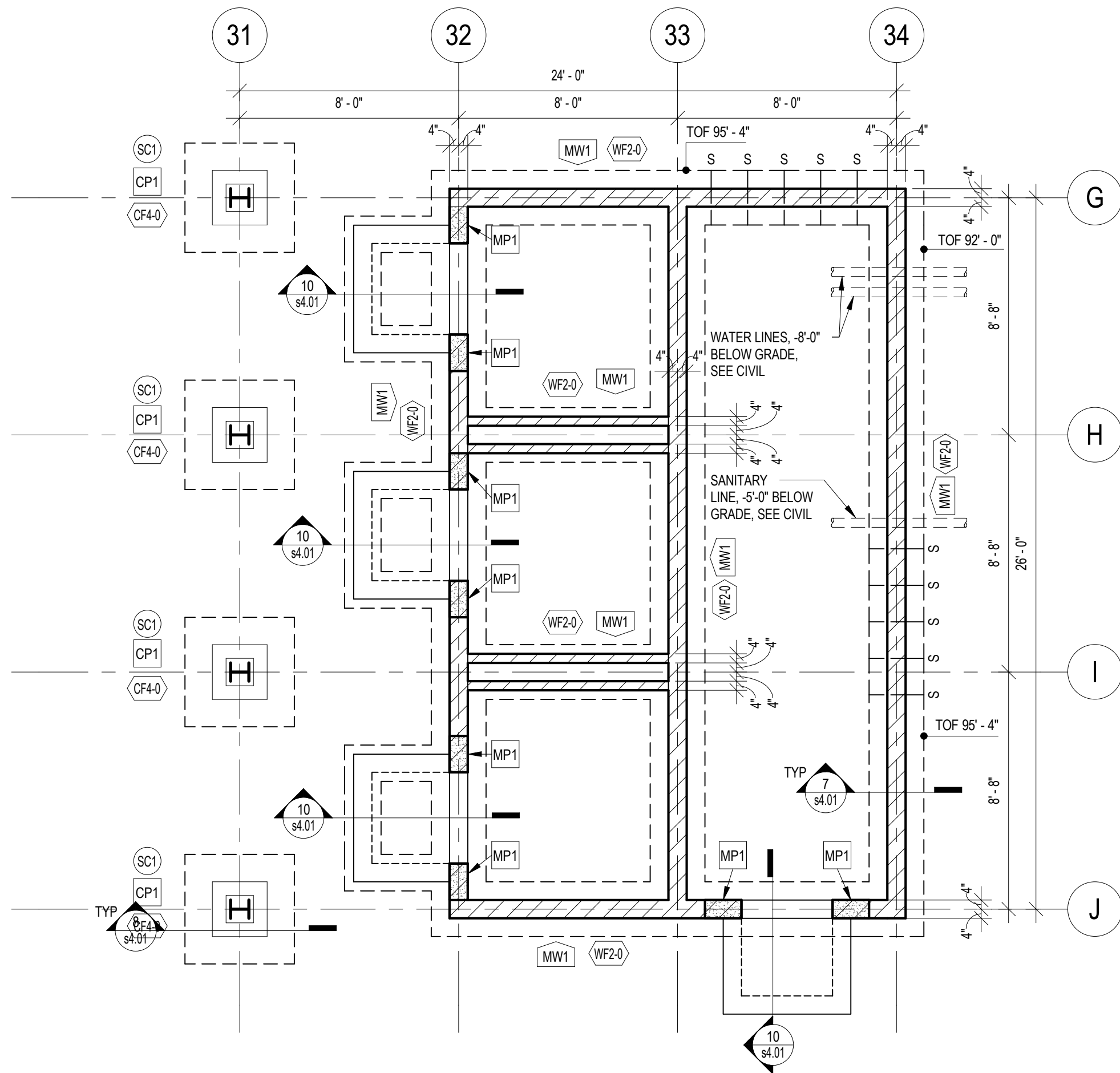
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Anthony M. Radtke
DATE: 06-27-2022 LIC NO: 48023

HERITAGE VILLAGE PARK PHASE 4 PARK BUILDINGS CITY OF INVER GROVE HEIGHTS

ROUNDHOUSE - FOUNDATION AND FRAMING PLANS

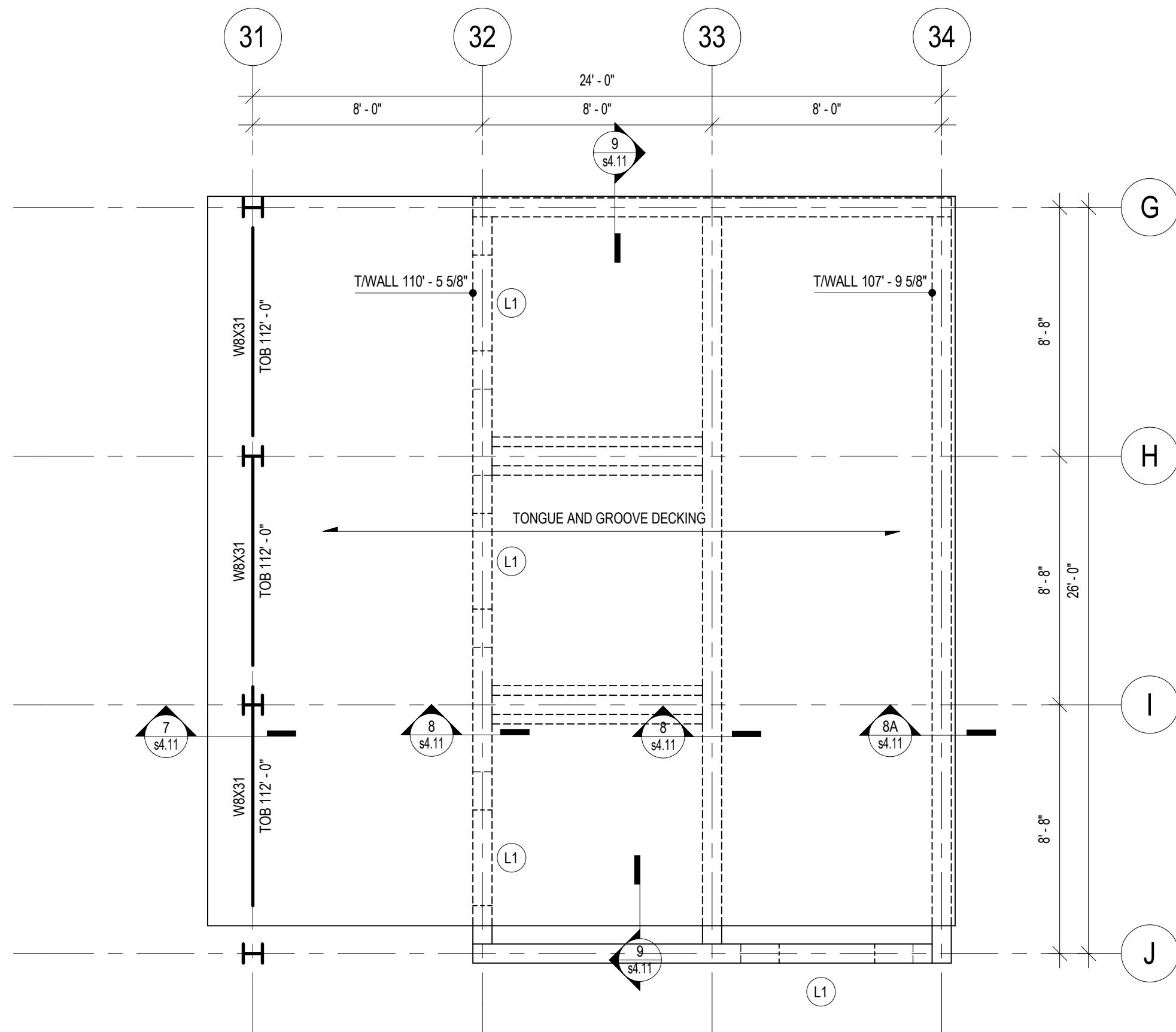
C.P. SHEET
2117 **s1.01A**



1 FOOTING AND FOUNDATION PLAN - RESTROOM

UNLESS NOTED OTHERWISE:

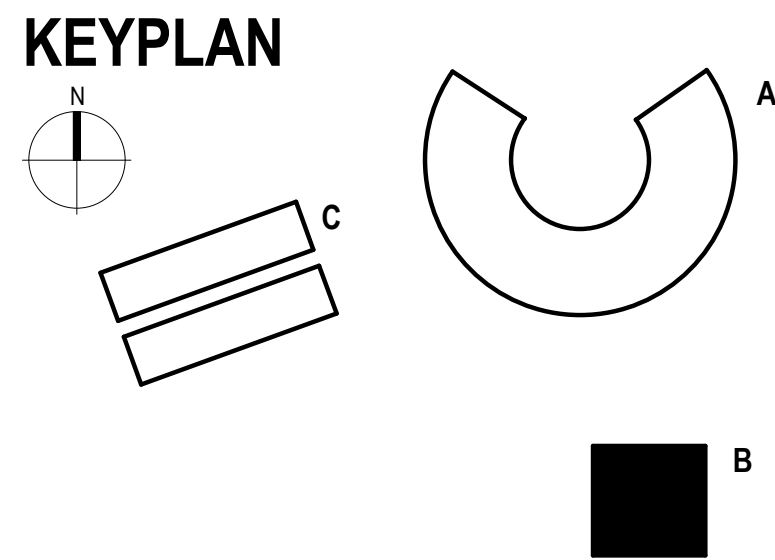
- SEE SHEET s0.01 FOR STRUCTURAL NOTES, ABBREVIATIONS AND SYMBOLS.
- SEE SHEET s4.01 FOR TYPICAL FOOTING AND FOUNDATION DETAILS.
- SEE SHEET s5.01 FOR SCHEDULES.
- PROVIDE 4" SLAB ON GRADE W/MICRO FIBER REINFORCING (MINIMUM 1.5 POUNDS PER CUBIC YARD).
- TOP OF SLAB ELEVATION = 100'-0" (CIVIL DATUM = 706.33).
- TOP OF EXTERIOR FOOTING ELEVATION (TOF) AT WALL AND COLUMNS = 95'-4".
- TOP OF INTERIOR FOOTING ELEVATION (TOF) AT WALL AND COLUMNS = 95'-4".
- PROVIDE SLEEVES FOR ALL PIPES THAT INTERSECT BUILDING FOUNDATIONS. STEP OR THICKEN FOOTINGS AS SHOWN IN SECTION 1/s4.01 AND DETAIL 2/s4.01. COORDINATE LOCATIONS AND ELEVATIONS WITH CIVIL AND MECHANICAL.
- TOP OF PIER ELEVATION = 100'-8".
- PLACE ALL STOOP SLABS ON CLEAN GRANULAR FILL MATERIAL THAT EXTENDS DOWN TO BOTTOM OF FOOTING.
- SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF RAMPS, SLAB SLOPES, STEPPED SLABS AND PARTITION WALLS.
- REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND DIMENSIONS.



2 ROOF FRAMING PLAN - RESTROOM FRAMING HIGH

UNLESS NOTED OTHERWISE:

- SEE SHEET s0.01 FOR STRUCTURAL NOTES, ABBREVIATIONS, AND SYMBOLS.
- SEE SHEET s5.01 FOR SCHEDULES.
- TYPICAL TOP STEEL BEAM EL. = VARIES. SEE PLAN.
- TYPICAL ROOF CONSTRUCTION CONSISTS OF 3" TONGUE AND GROOVE DECKING W/ 19/32" ROOF SHEATHING FASTENED W/10d NAILS @6"OC FOR PANEL EDGES AND 12"OC FOR PANEL FIELD.
- FOR ALL MECHANICAL OPENINGS IN BEARING WALLS. SEE CONCRETE BLOCK WALL LINTELS SECTION IN STRUCTURAL NOTES.
- SEE STRUCTURAL NOTES FOR TYPICAL ROOF FRAMING AT OPENINGS WIDER THAN 6". COORDINATE WITH ARCHITECTURAL/MECHANICAL DRAWINGS FOR OPENING LOCATION AND SIZE.
- SEE STRUCTURAL NOTES FOR CONCENTRATED LOADS (PIPING, MECHANICAL ROOF TOP EQUIPMENT, CURBS, ETC) ON JOISTS.
- SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF RAMPS, SLAB SLOPES, STEPPED SLABS AND PARTITION WALLS.
- REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND DIMENSIONS.



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BKBM Job No. 20132.00



WSB PROJECT NO.:
020153-000

SCALE: NONE
DESIGNED BY: TJK
PLAN BY: TLR
CHECKED BY: AR

REVISIONS

NO.	DATE	DESCRIPTION

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Anthony M. Radtke

DATE: 06-27-2022 LIC NO: 48023

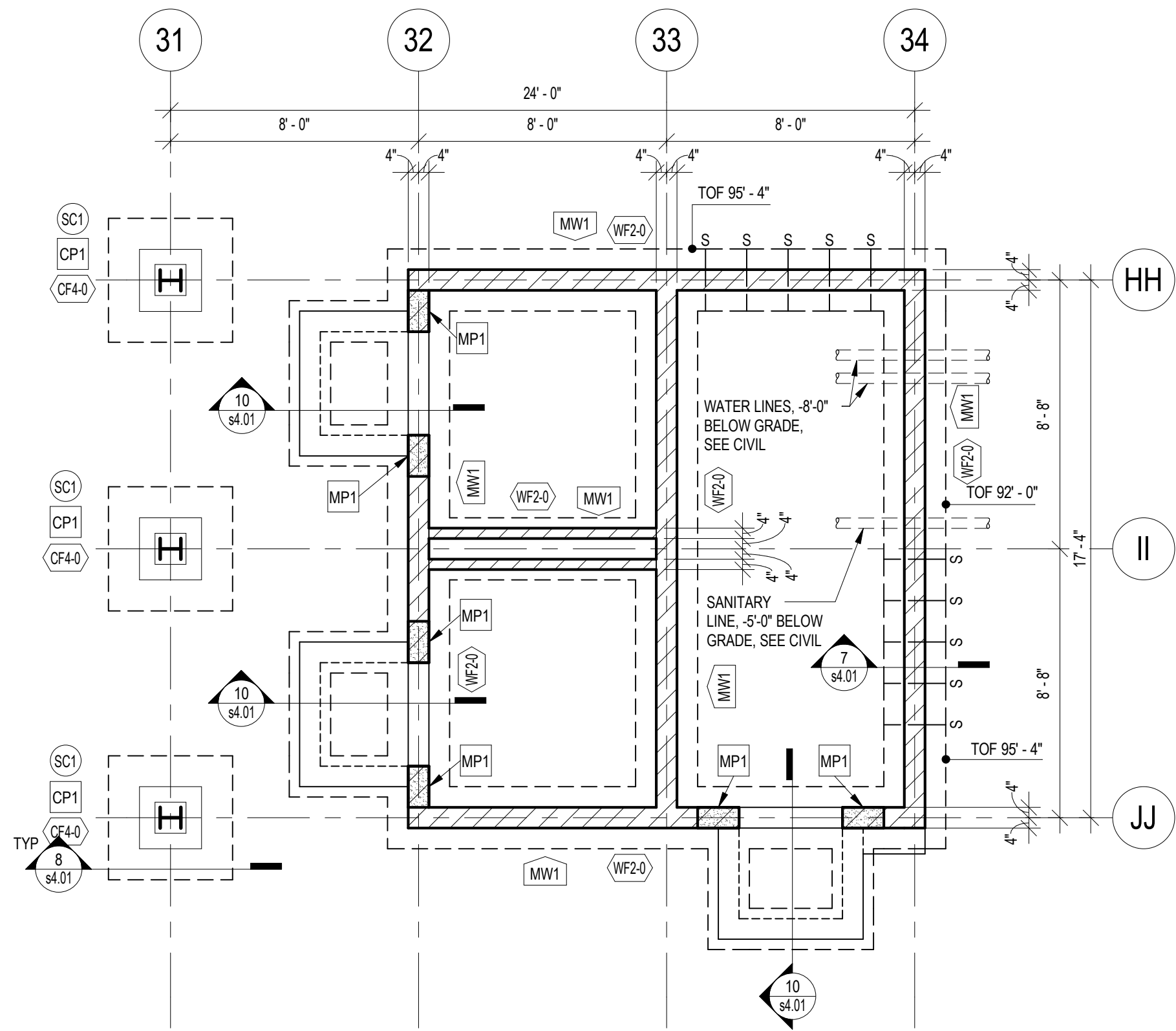
HERITAGE VILLAGE PARK PHASE 4
PARK BUILDINGS

CITY OF INVER GROVE HEIGHTS

RESTROOM
BUILDING -
FOUNDATION
AND FRAMING
PLANS

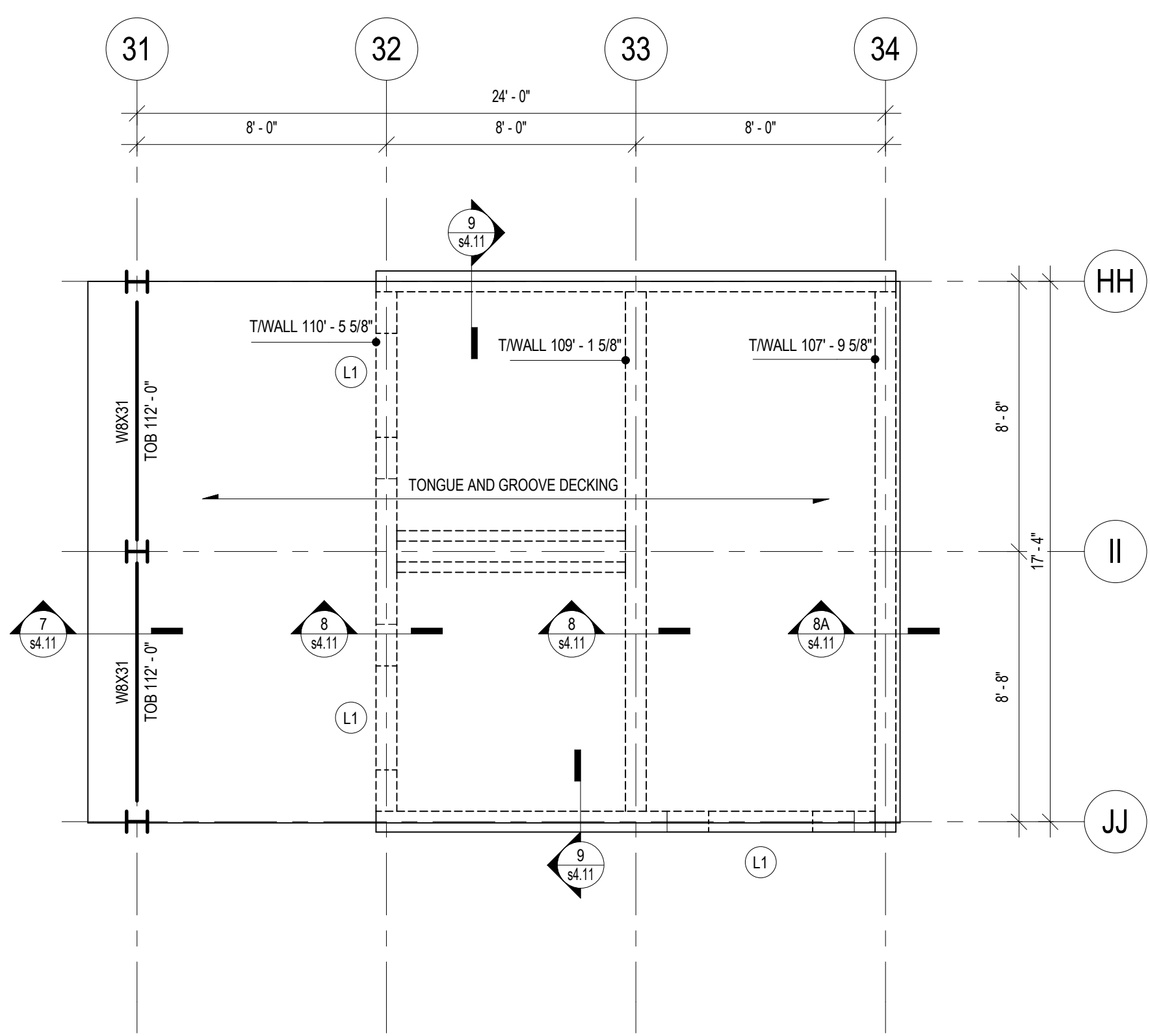
C.P. SHEET

2117 s1.01B



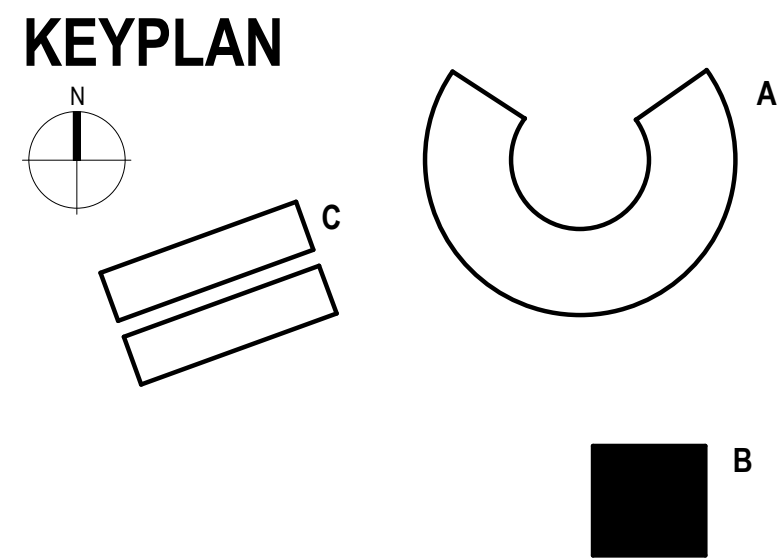
1 FOOTING AND FOUNDATION PLAN - RESTROOM BID ALT 1

UNLESS NOTED OTHERWISE:
1. SEE 1/s1.01B FOR TYPICAL PLAN NOTES.



2 ROOF FRAMING PLAN - RESTROOM FRAMING HIGH BID ALT 1

UNLESS NOTED OTHERWISE:
1. SEE 2/s1.01B FOR TYPICAL PLAN NOTES.



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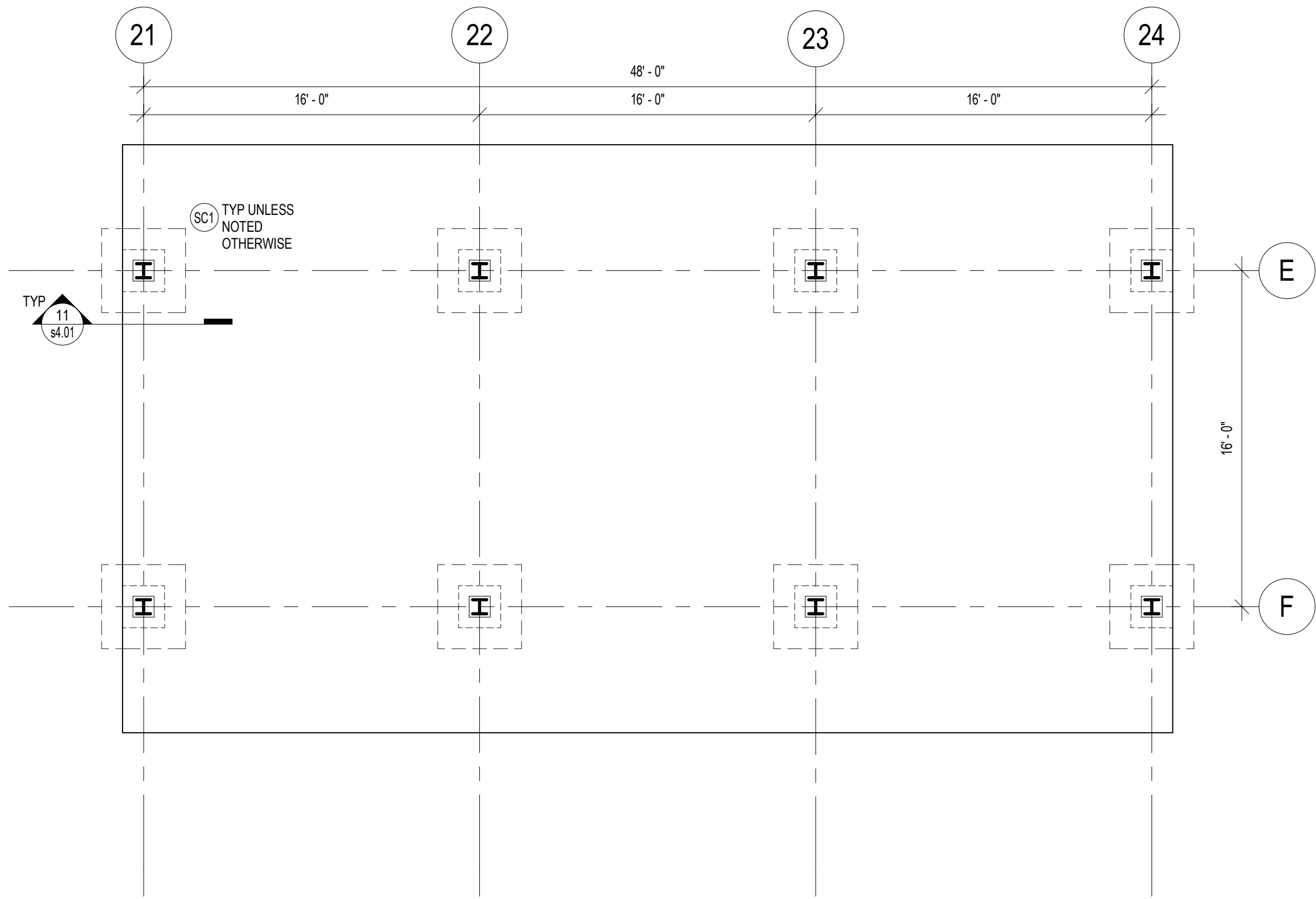
Anthony M. Radtke
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HERITAGE VILLAGE PARK PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

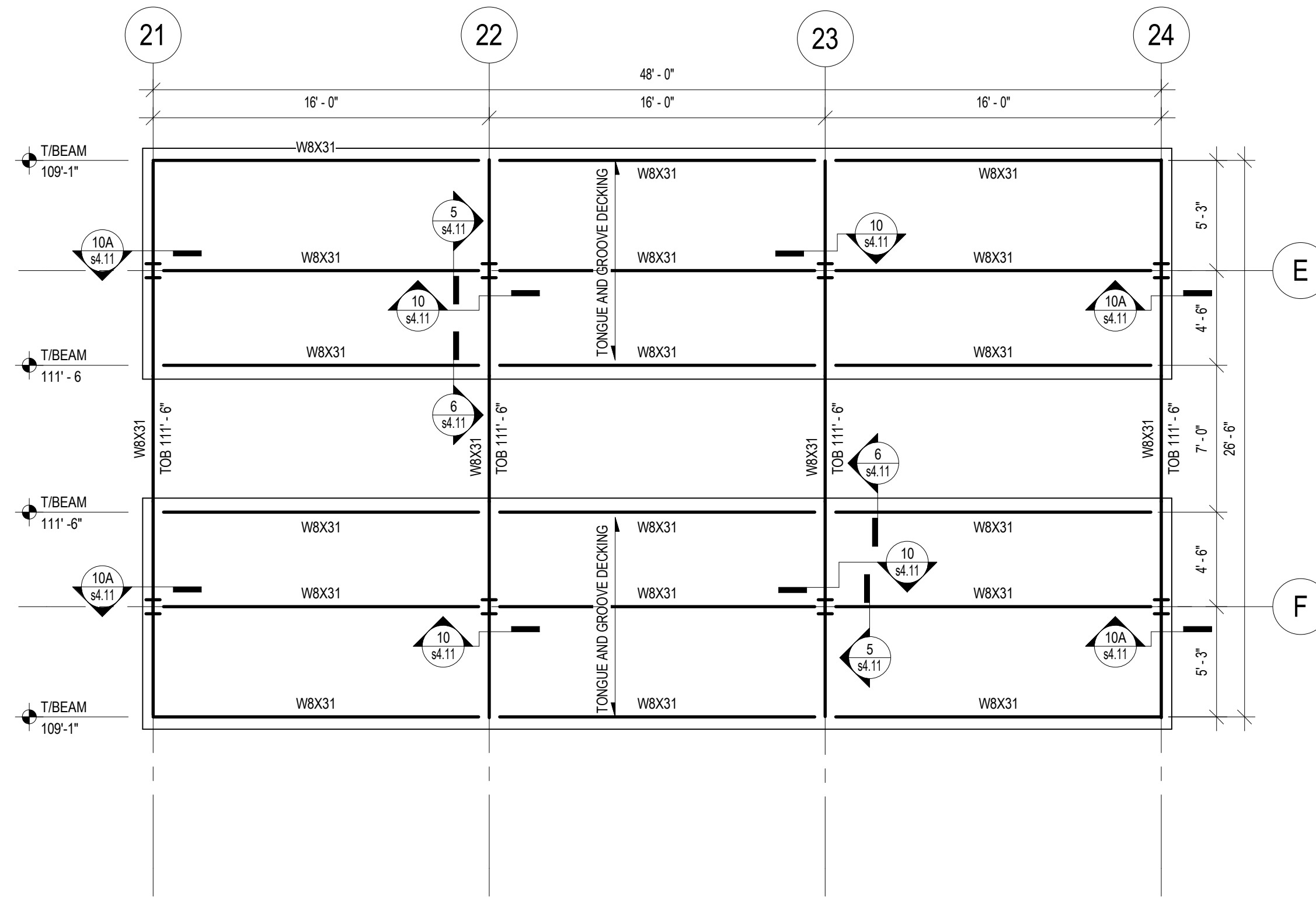
RESTROOM
BUILDING -
PLANS BID
ALT 1

C.P. SHEET

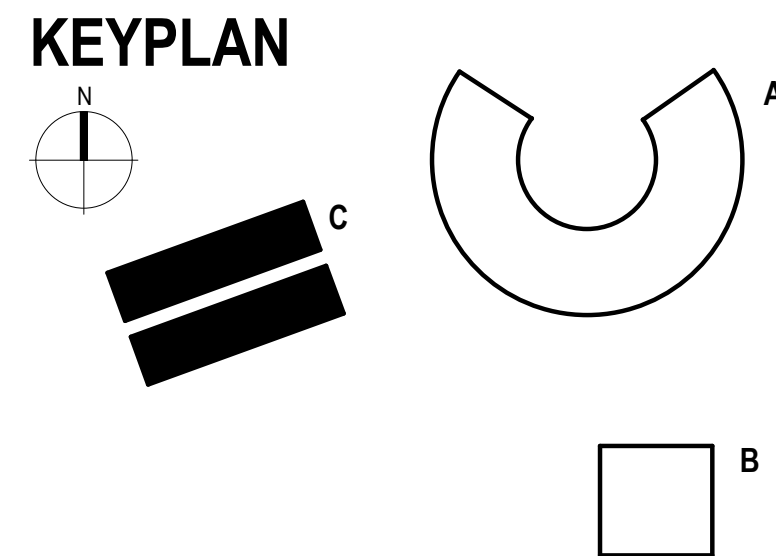
2117 s1.01B-1



- 1 FOOTING AND FOUNDATION PLAN - BENCH SHELTER**
- UNLESS NOTED OTHERWISE:
- SEE SHEET s0.01 FOR STRUCTURAL NOTES, ABBREVIATIONS AND SYMBOLS.
 - SEE SHEET s4.01 FOR TYPICAL FOOTING AND FOUNDATION DETAILS.
 - SEE SHEET s5.01 FOR SCHEDULES.
 - PROVIDE 4" SLAB ON GRADE W/MICRO FIBER REINFORCING (MINIMUM 1.5 POUNDS PER CUBIC YARD).
 - TOP OF SLAB ELEVATION = 100'-0" (CIVIL DATUM = 707.14').
 - TOP OF EXTERIOR FOOTING ELEVATION (TOF) AT WALL AND COLUMNS = 96'-0".
 - PROVIDE SLEEVES FOR ALL PIPES THAT INTERSECT BUILDING FOUNDATIONS. STEP OR THICKEN FOOTINGS AS SHOWN IN SECTION 11s4.01 AND DETAIL 2s4.01. COORDINATE LOCATIONS AND ELEVATIONS WITH CIVIL AND MECHANICAL.
 - TOP OF PIER ELEVATION = 99'-4".
 - PLACE ALL STOOP SLABS ON CLEAN GRANULAR FILL MATERIAL THAT EXTENDS DOWN TO BOTTOM OF FOOTING.
 - SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF RAMPS, SLAB SLOPES, STEPPED SLABS AND PARTITION WALLS.
 - REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND DIMENSIONS.



- 2 ROOF FRAMING PLAN - BENCH SHELTER FRAMING HIGH**
- UNLESS NOTED OTHERWISE:
- SEE SHEET s0.01 FOR STRUCTURAL NOTES, ABBREVIATIONS, AND SYMBOLS.
 - SEE SHEET s5.01 FOR SCHEDULES.
 - TYPICAL TOP STEEL BEAM EL. = VARIES, SEE PLAN.
 - TYPICAL ROOF CONSTRUCTION CONSISTS OF 3" TONGUE AND GROOVE DECKING W/ 19/32" ROOF SHEATHING FASTENED W/10d NAILS @6"OC FOR PANEL EDGES AND 12"OC FOR PANEL FIELD.
 - SEE STRUCTURAL NOTES FOR TYPICAL ROOF FRAMING AT OPENINGS WIDER THAN 6". COORDINATE WITH ARCHITECTURAL/MECHANICAL DRAWINGS FOR OPENING LOCATION AND SIZE.
 - SEE STRUCTURAL NOTES FOR CONCENTRATED LOADS (PIPING, MECHANICAL ROOF TOP EQUIPMENT, CURBS, ETC) ON JOISTS.
 - SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF RAMPS, SLAB SLOPES, STEPPED SLABS AND PARTITION WALLS.
 - REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND DIMENSIONS.



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REVISIONS

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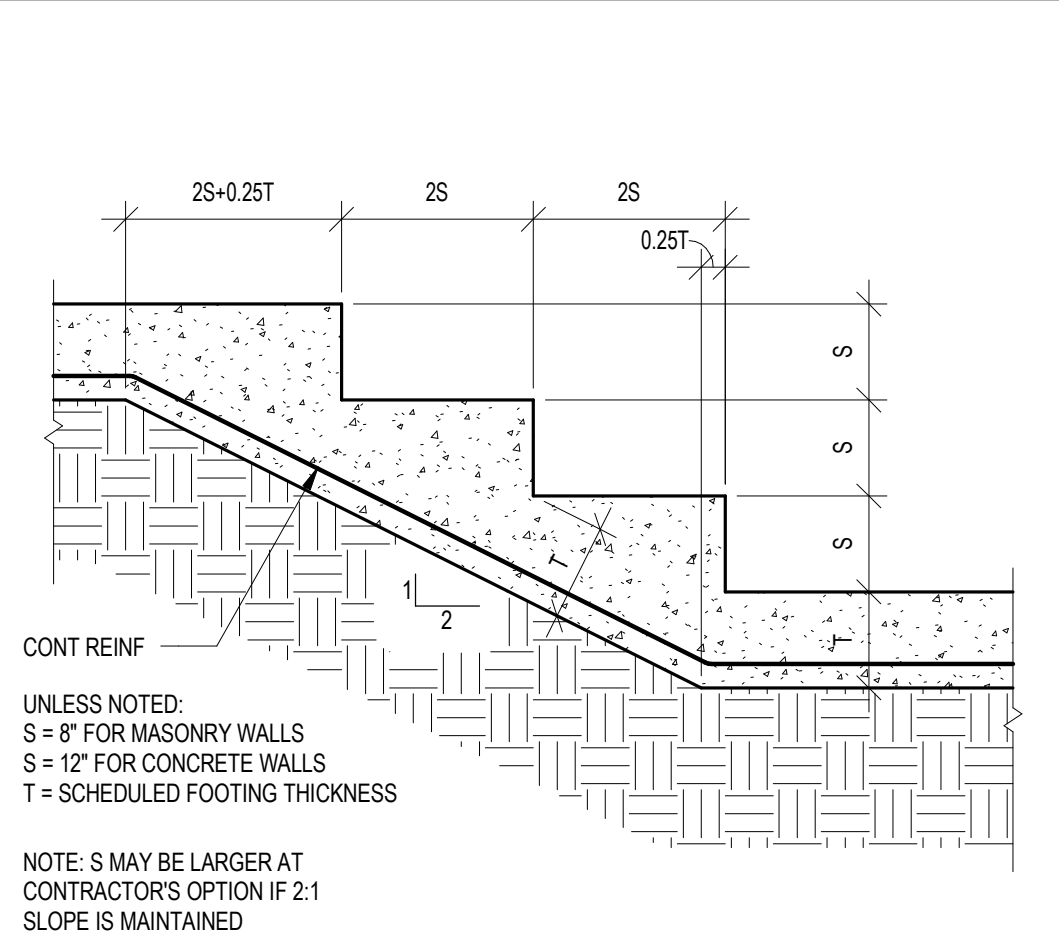
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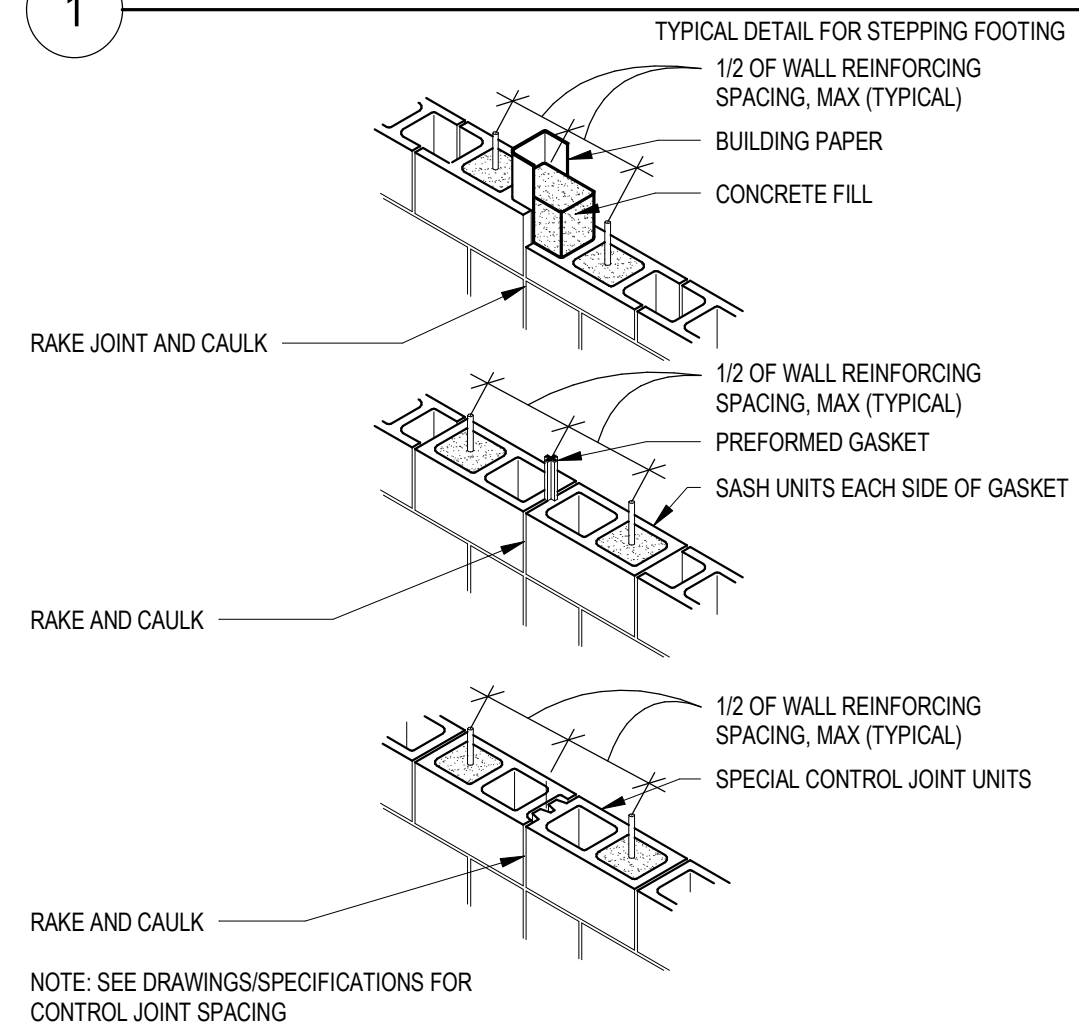
**HERITAGE VILLAGE PARK PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS**

**BENCH
SHELTER -
FOUNDATION
AND FRAMING
PLANS**

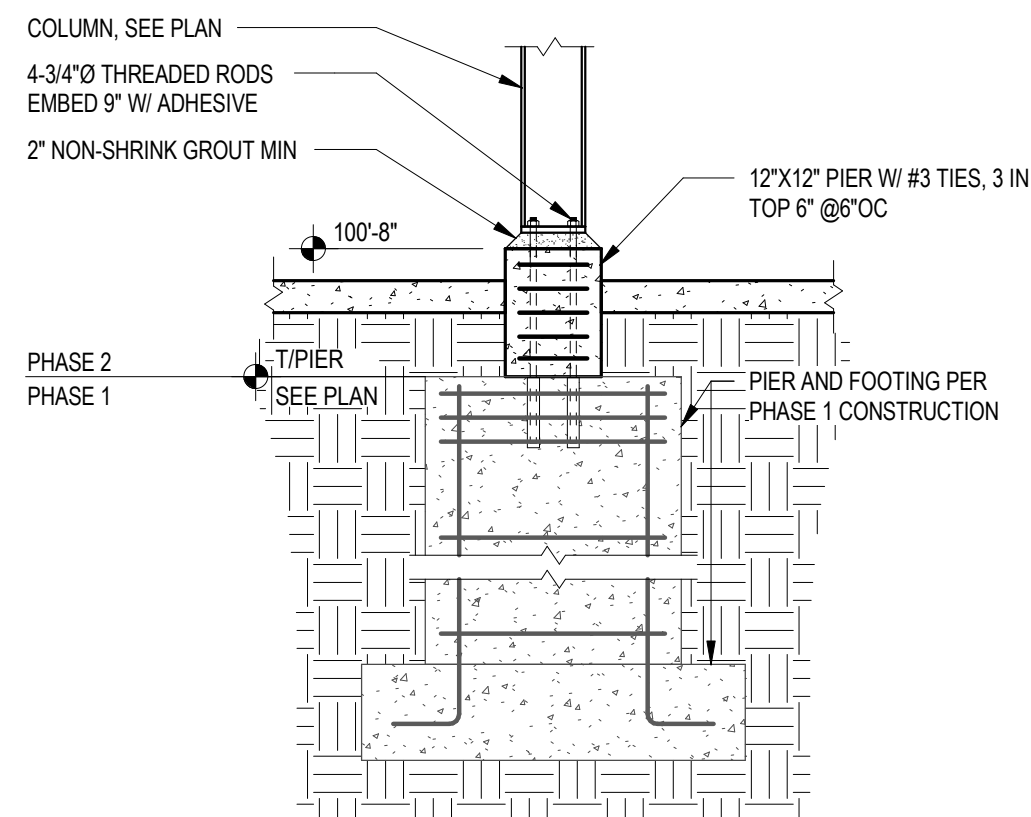
C.P. SHEET
2117 **s1.01C**



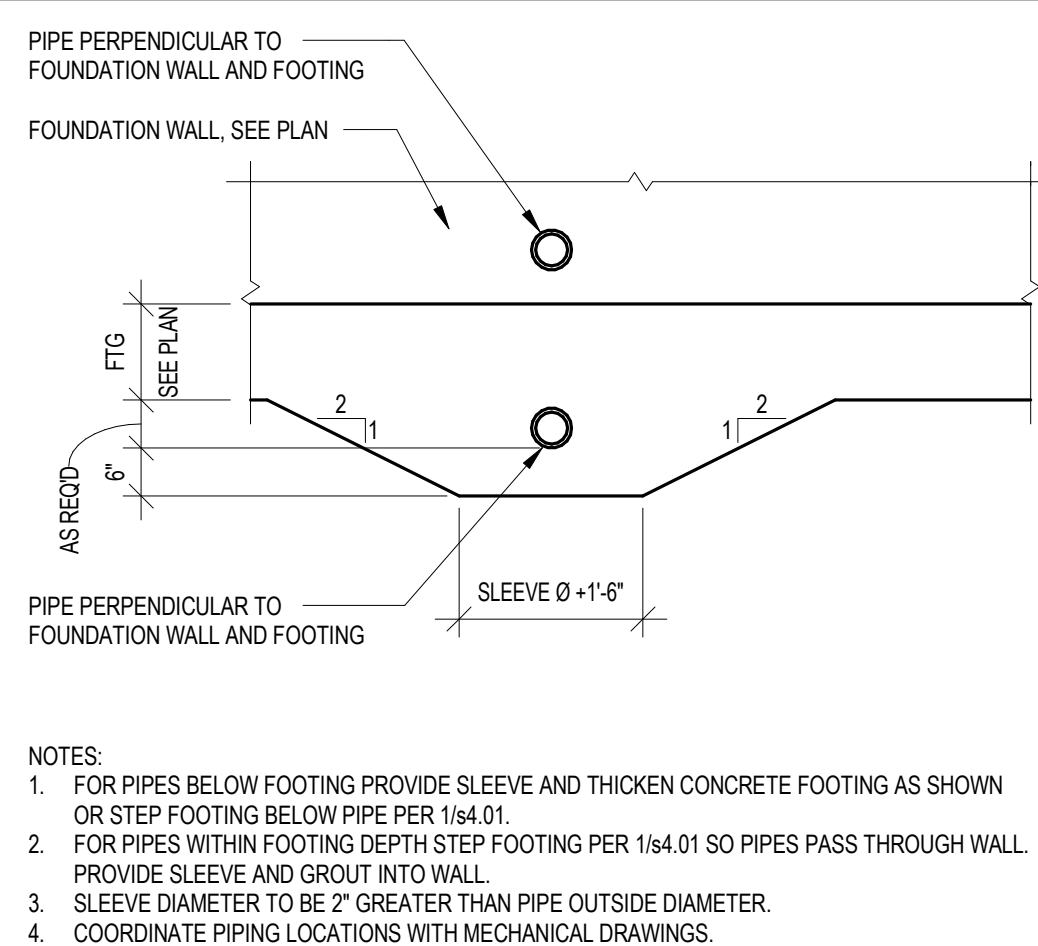
1 SECTION



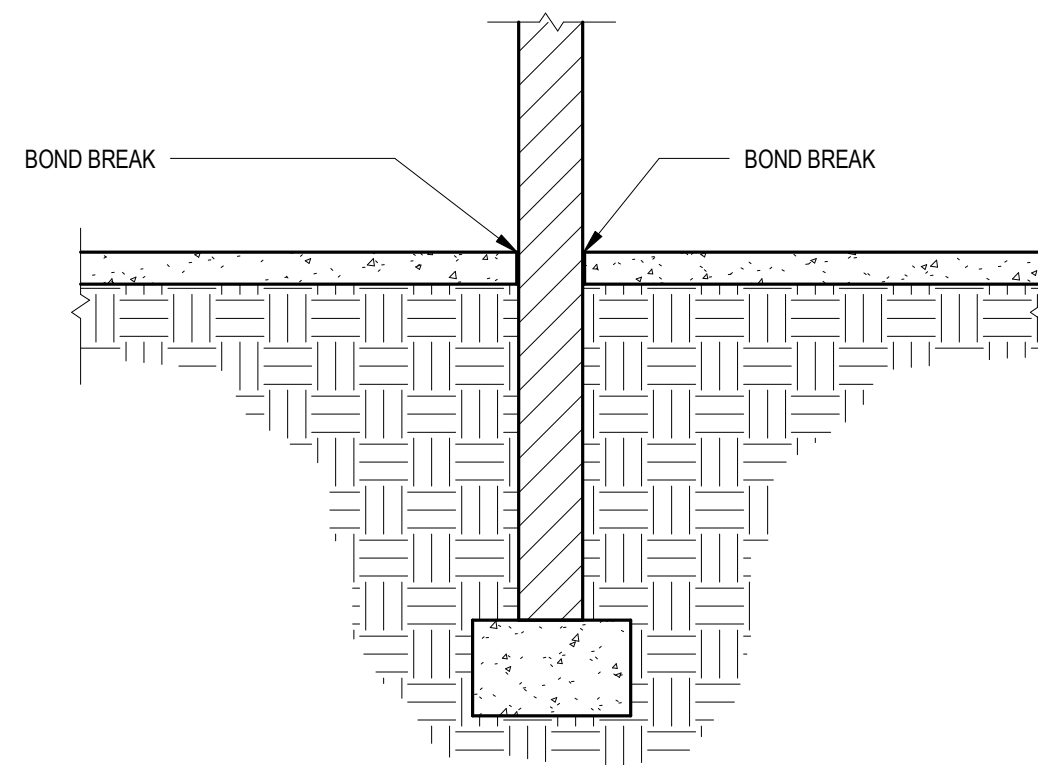
6 DETAIL CMU CONTROL JOINTS



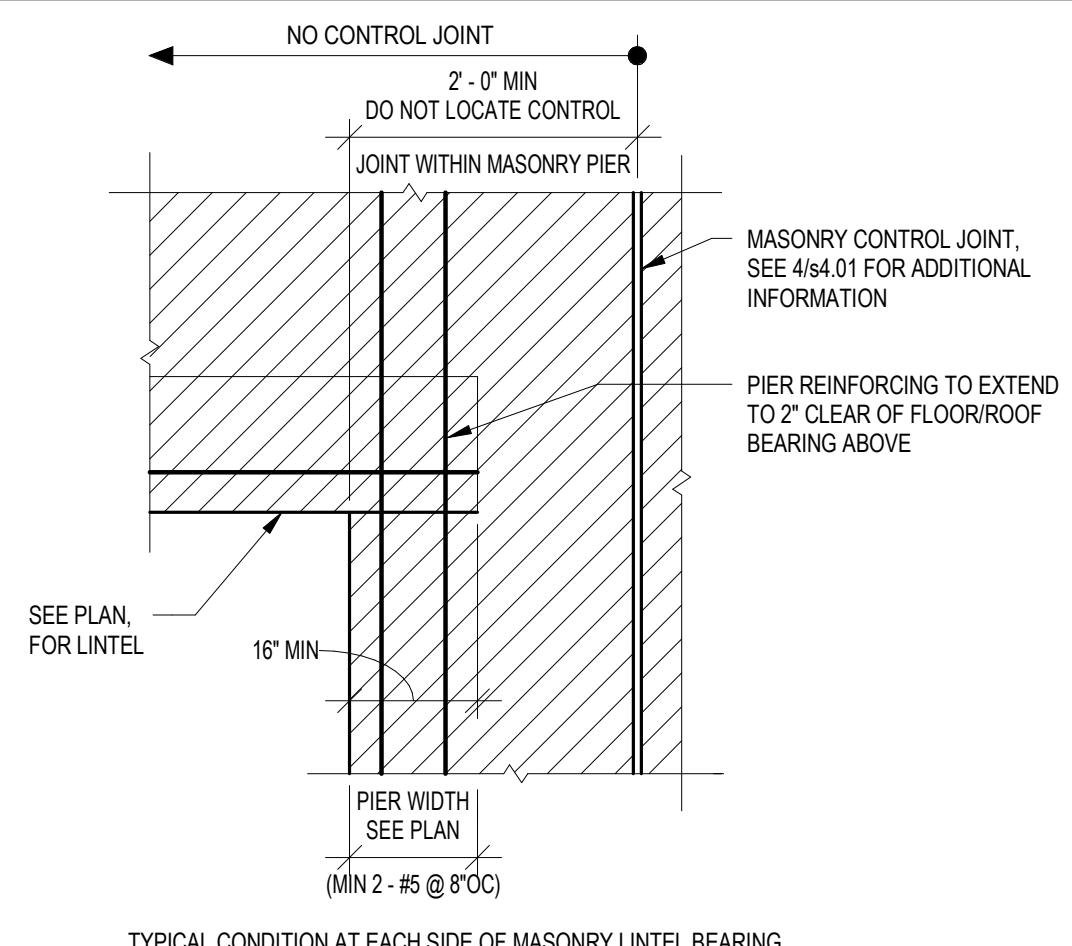
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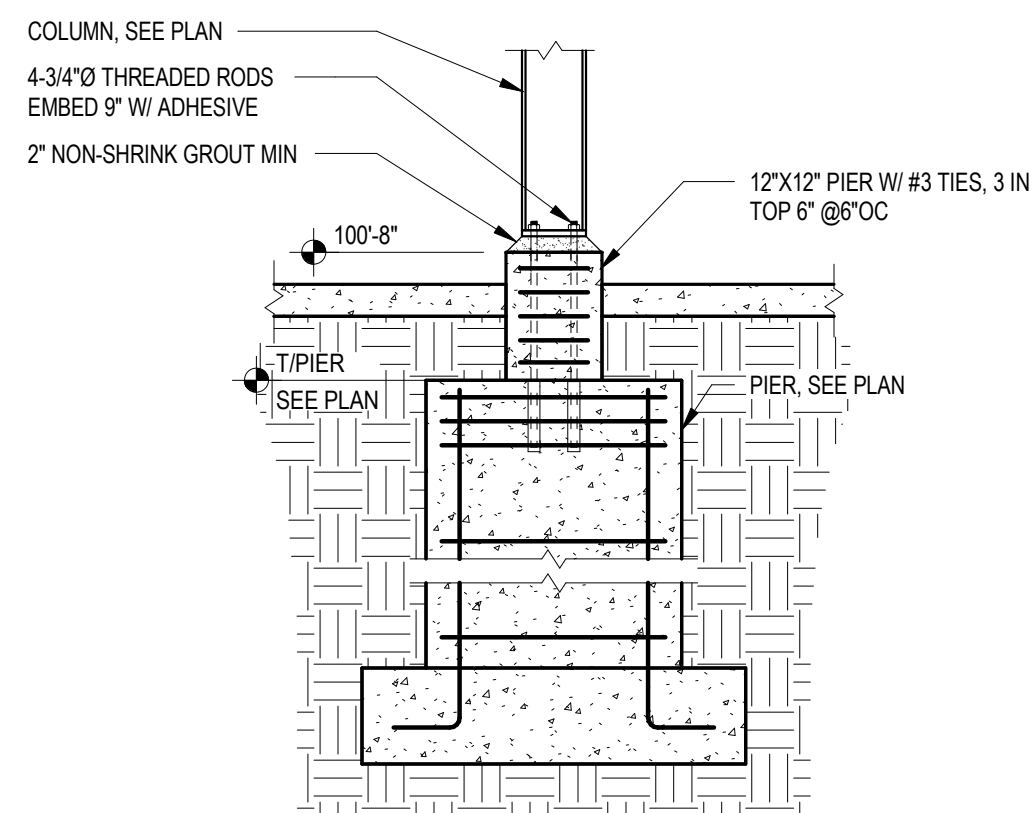
2 DETAIL



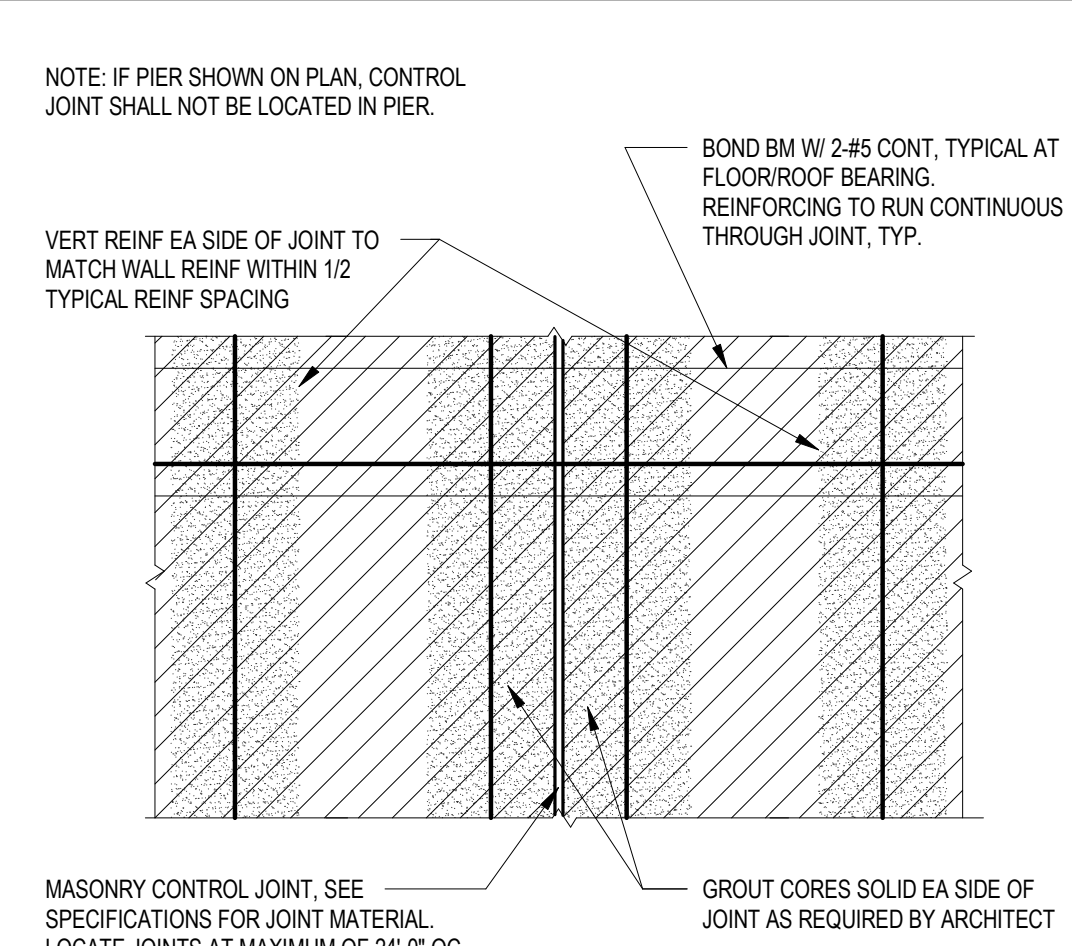
7 SECTION



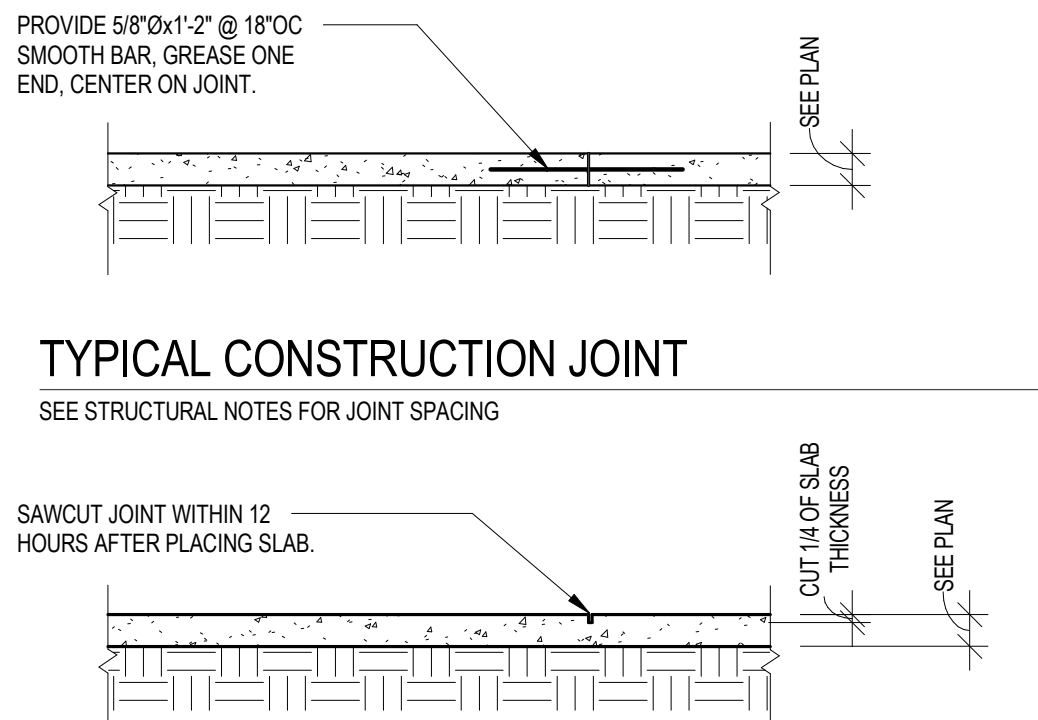
3 DETAIL



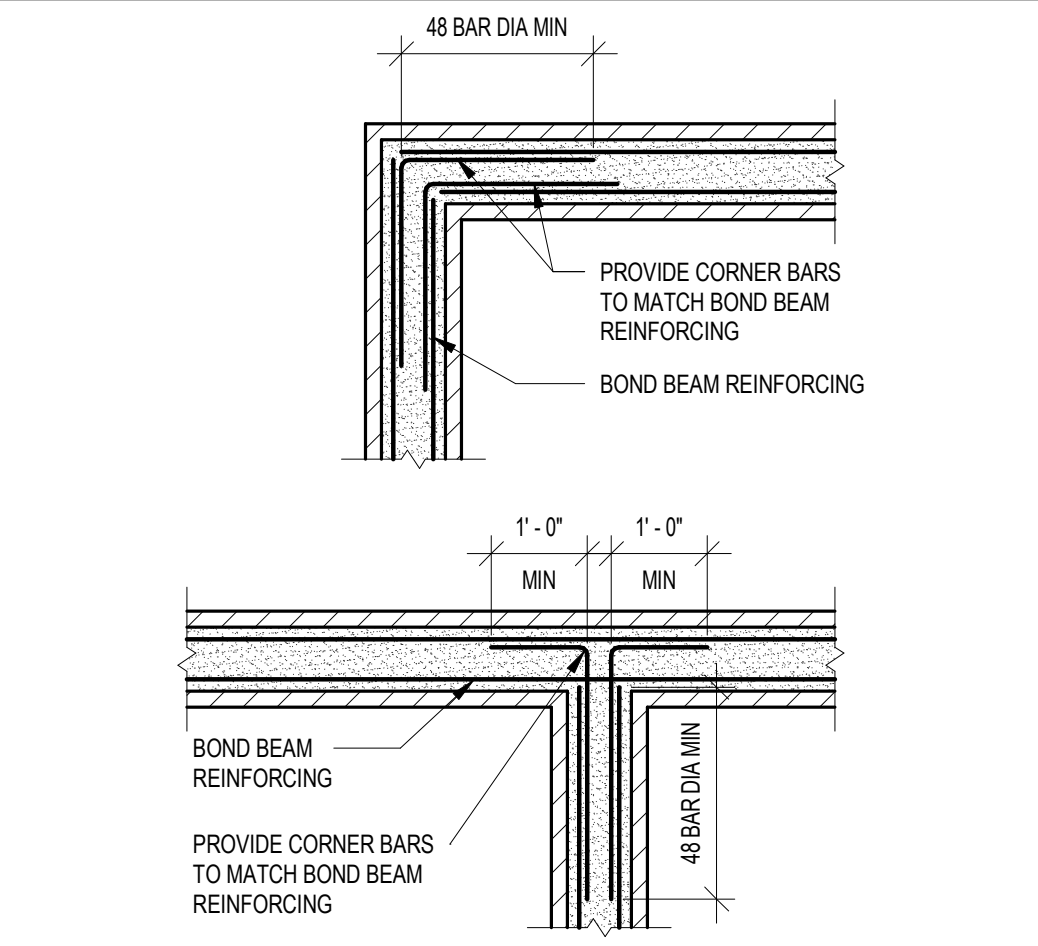
8 SECTION



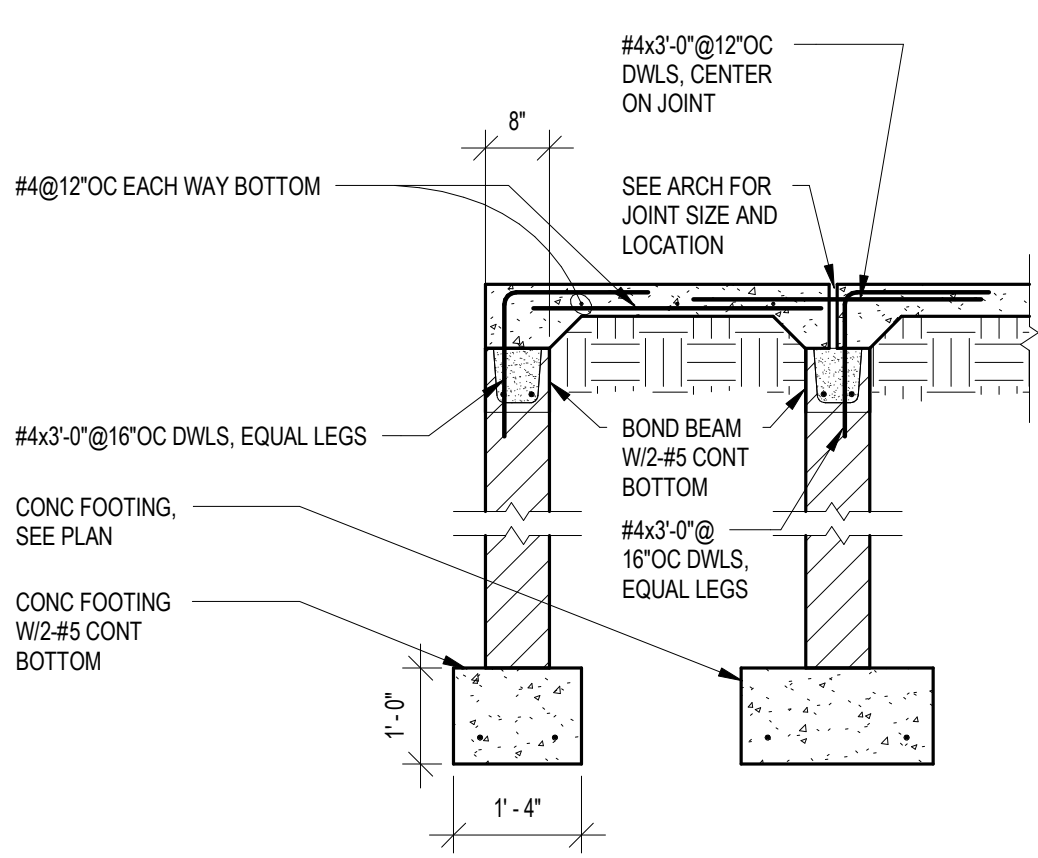
4 DETAIL



9 DETAIL



5 DETAIL



10 SECTION

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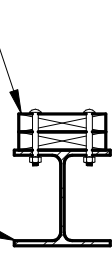
HERITAGE VILLAGE PARK PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

SECTIONS AND DETAILS

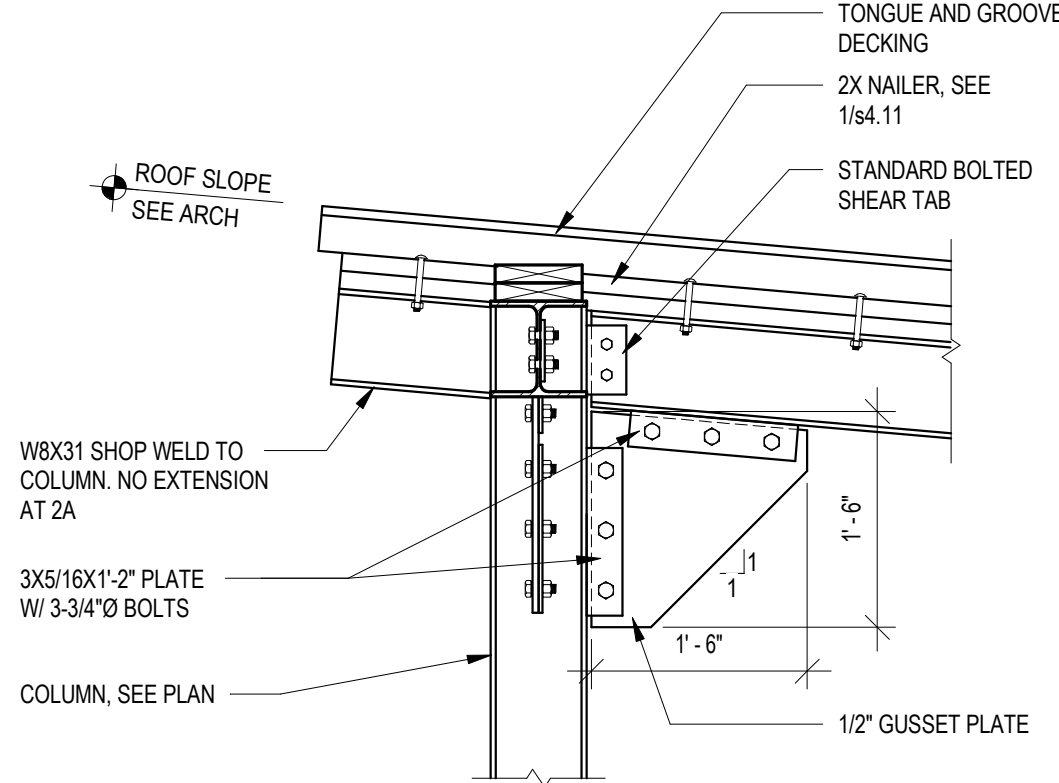
NOTE: TONGUE AND GROOVE
DECKING NOT SHOWN FOR CLARITY

DOUBLE 2X NAILER WITH 1/2"Ø CARRIAGE
BOLTS @16"OC STAGGERED EACH SIDE
OF FLANGE. PROVIDE ADDITIONAL
TAPERED NAILERS AS REQUIRED FOR
ROOF SLOPE

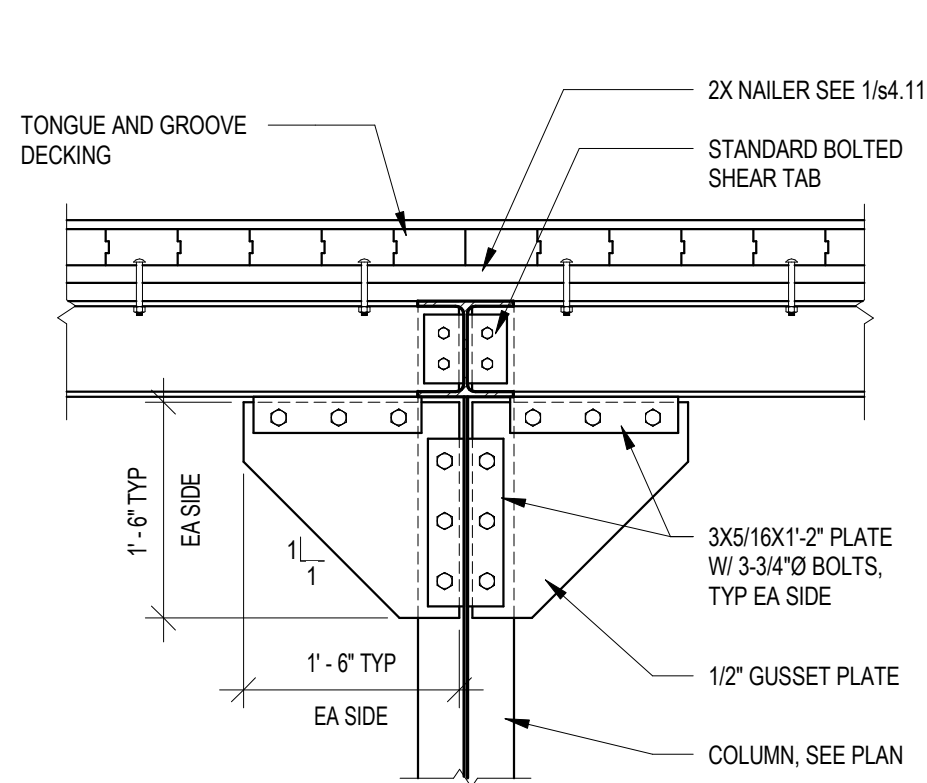
BEAM, SEE PLAN



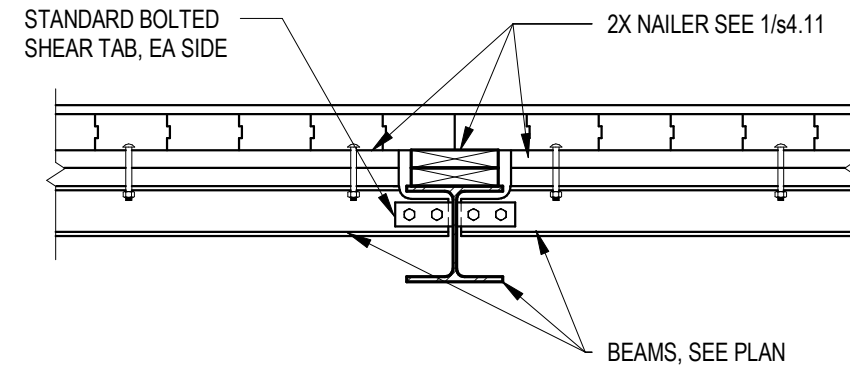
1 SECTION



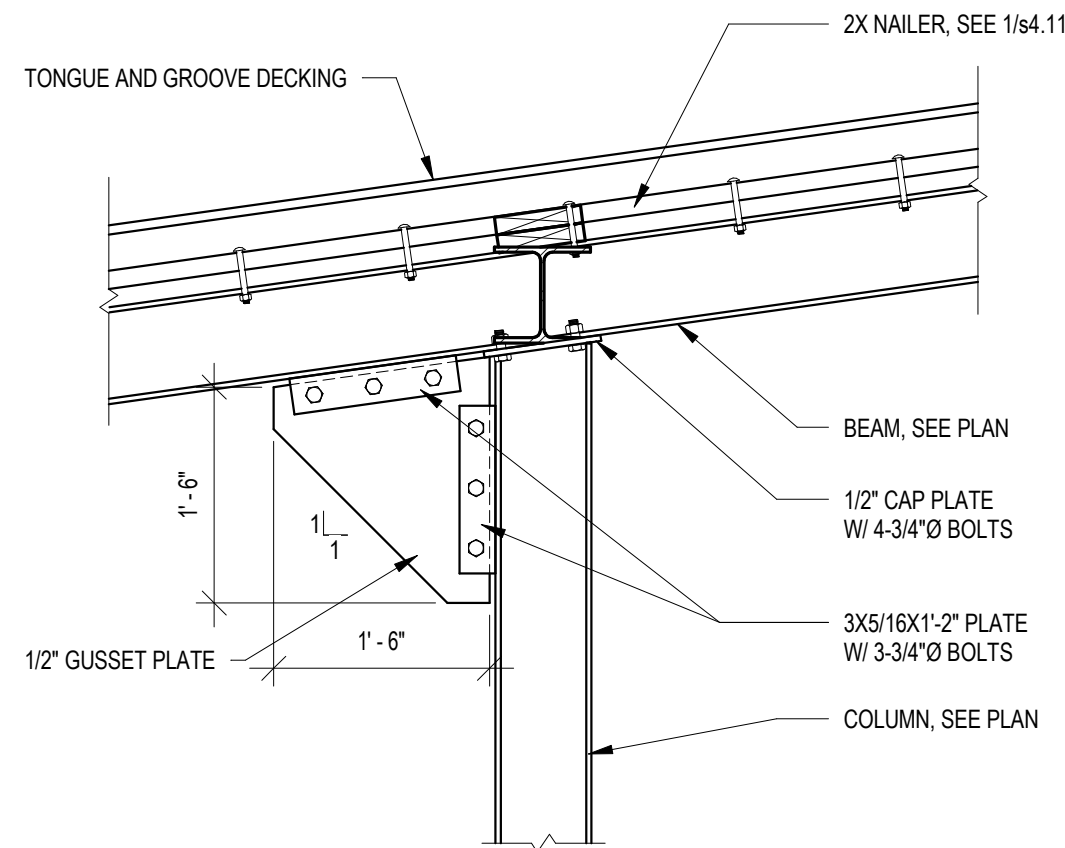
2 SECTION



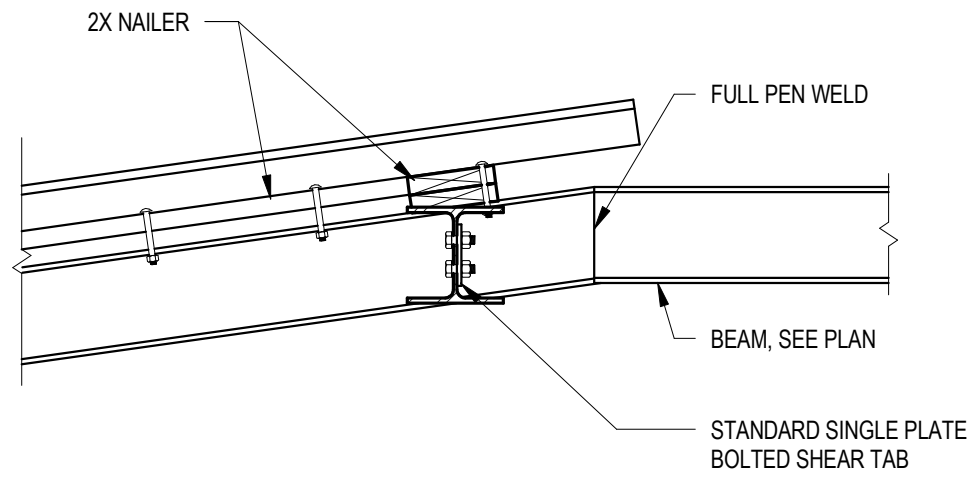
3 SECTION



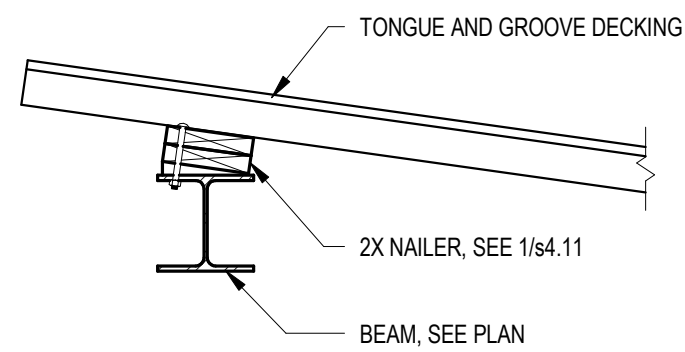
4 SECTION



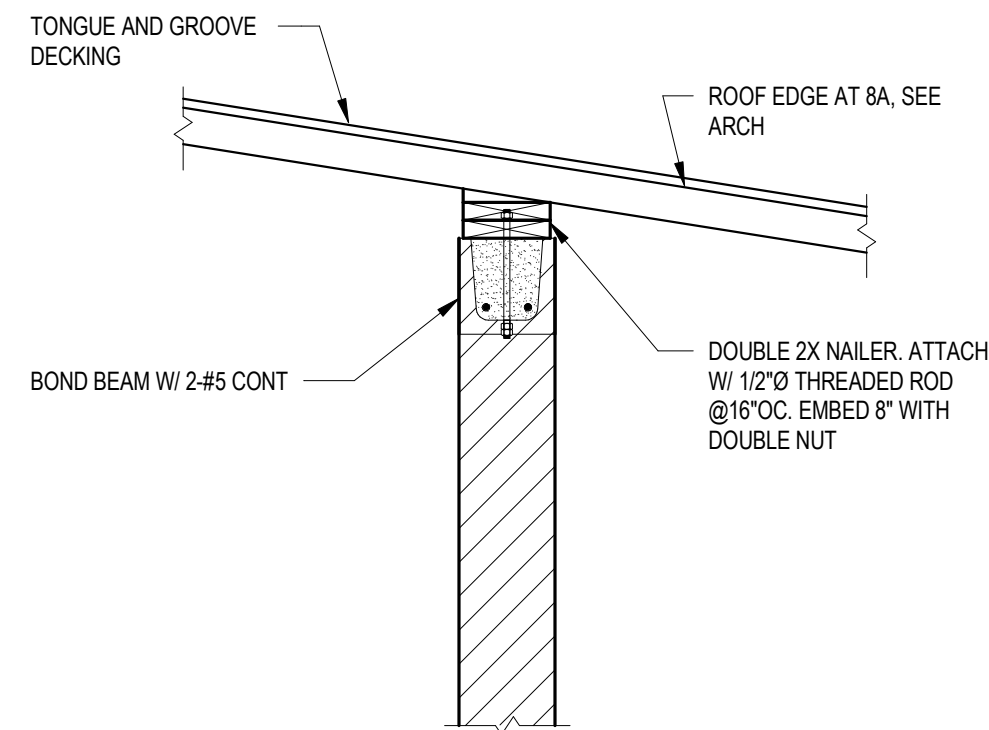
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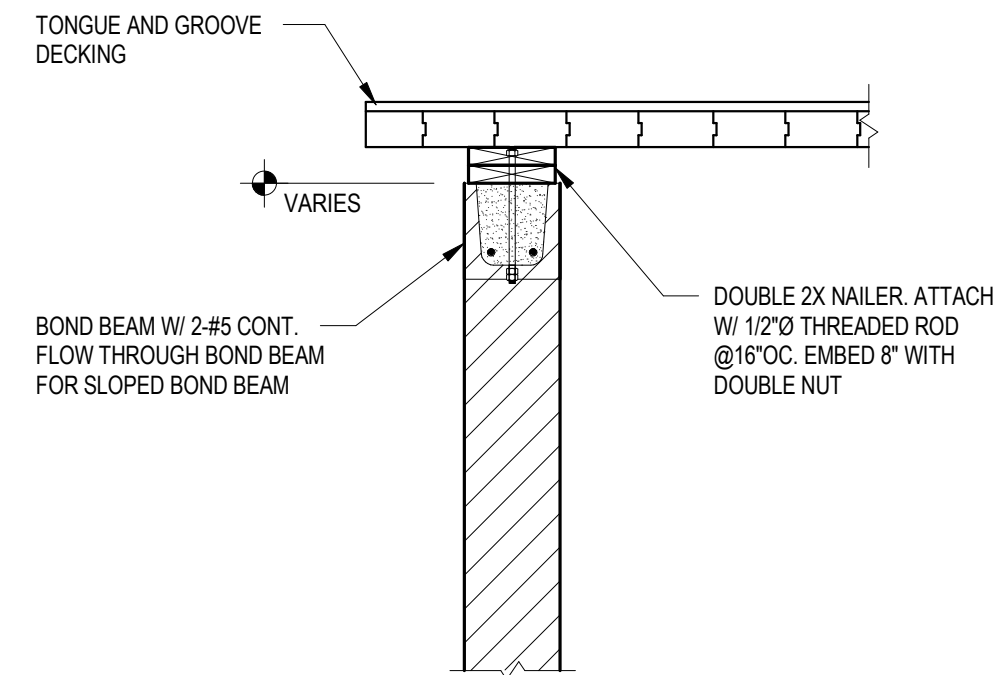
6 SECTION



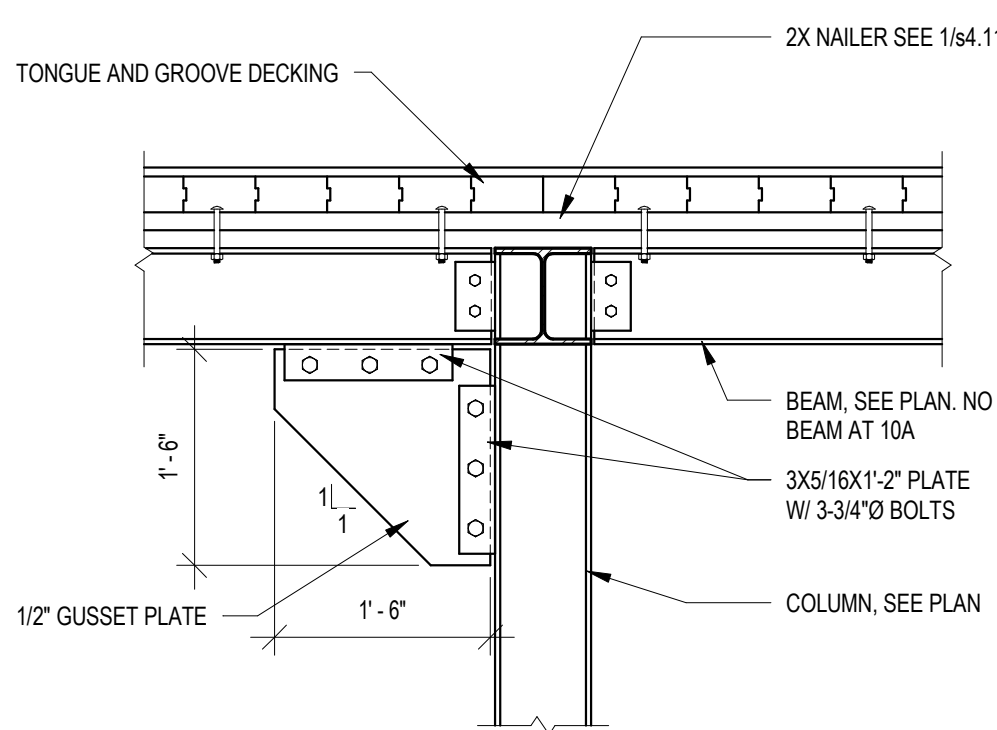
7 SECTION



8 SECTION



9 SECTION



10 SECTION



WSB PROJECT NO.:
020153-000

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HERITAGE VILLAGE PARK PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

SECTIONS AND
DETAILS

C.P. SHEET
2117 s4.11

CLASS 'A' TENSION LAP SPLICE TABLE								
BAR SIZE	fc(psi)							
	2500	3000	3500	4000	5000	6000	7000	8000
#3	1'-6"	1'-5"	1'-4"	1'-3"	1'-1"	1'-0"	1'-0"	1'-0"
#4	2'-0"	1'-10"	1'-9"	1'-7"	1'-5"	1'-4"	1'-3"	1'-2"
#5	2'-6"	2'-4"	2'-2"	2'-0"	1'-10"	1'-8"	1'-6"	1'-5"
#6	3'-0"	2'-9"	2'-7"	2'-5"	2'-2"	2'-0"	1'-10"	1'-9"
#7	4'-5"	4'-0"	3'-9"	3'-6"	3'-2"	2'-10"	2'-8"	2'-6"
#8	5'-0"	4'-7"	4'-3"	4'-0"	3'-7"	3'-3"	3'-0"	2'-10"
#9	5'-8"	5'-2"	4'-10"	4'-6"	4'-0"	3'-8"	3'-5"	3'-2"
#10	6'-4"	5'-9"	5'-4"	5'-0"	4'-6"	4'-1"	3'-9"	3'-6"
#11	7'-1"	6'-4"	5'-10"	5'-6"	4'-11"	4'-6"	4'-2"	3'-11"

CLASS 'B' TENSION LAP SPLICE TABLE								
BAR SIZE	fc(psi)							
	2500	3000	3500	4000	5000	6000	7000	8000
#3	1'-11"	1'-10"	1'-8"	1'-7"	1'-5"	1'-4"	1'-2"	1'-2"
#4	2'-7"	2'-5"	2'-3"	2'-1"	1'-11"	1'-9"	1'-7"	1'-6"
#5	3'-3"	3'-0"	2'-9"	2'-7"	2'-4"	2'-2"	2'-0"	1'-10"
#6	3'-11"	3'-7"	3'-4"	3'-1"	2'-10"	2'-7"	2'-4"	2'-3"
#7	5'-8"	5'-3"	4'-10"	4'-6"	4'-1"	3'-9"	3'-5"	3'-3"
#8	6'-6"	6'-0"	5'-6"	5'-2"	4'-8"	4'-3"	3'-11"	3'-8"
#9	7'-4"	6'-9"	6'-3"	5'-10"	5'-3"	4'-9"	4'-5"	4'-2"
#10	8'-3"	7'-6"	6'-11"	6'-6"	5'-9"	5'-3"	4'-11"	4'-7"
#11	9'-2"	8'-2"	7'-7"	7'-1"	6'-4"	5'-10"	5'-5"	5'-0"

- NOTES:
- THESE TABLES SHOW LENGTHS FOR PLAIN, BOTTOM ASTM A615 GRADE 60 BARS IN NORMAL WEIGHT CONCRETE, MEETING THE SPACING AND COVER LIMITATIONS GIVEN BELOW. MULTIPLY THESE LENGTHS BY ALL OF THE APPLICABLE FACTORS GIVEN FOR OTHER CONDITIONS. SPECIFIC EMBEDMENT, LAP, OR PROJECTION LENGTHS SHOWN ON DRAWINGS GOVERN OVER THESE TABLES.
 - SPACING AND COVER REQUIREMENTS.
 - CLEAR SPACING BETWEEN BARS AT SPLICE $\geq 2db$ AND CLEAR COVER $\geq db$ OR
 - CLEAR SPACING BETWEEN BARS AT SPLICE $\geq db$ AND CLEAR COVER $\geq db$ AND STIRRUPS/TIES OVER FULL LENGTH OF SPLICE. STIRRUPS/TIES TO BE SPACED SUCH THAT:
 $s \times n \leq 16$ FOR #3 TIES/STIRRUPS
 $s \times n \leq 32$ FOR #4 TIES/STIRRUPS
 $s \times n \leq 50$ FOR #5 TIES/STIRRUPS
 db = BAR DIAMETER IN INCHES, s = SPACING OF TIES/STIRRUPS, n = NUMBER OF BARS SPLICED AT A GIVEN LOCATION.
 - MULTIPLY GIVEN SPLICE LENGTHS BY ALL THE FOLLOWING APPLICABLE FACTORS:
 - MULTIPLY BY 1.5 IF SPACING OR COVER REQUIREMENTS ARE NOT MET.
 - MULTIPLY BY 1.3 FOR TOP BARS. TOP BARS ARE DEFINED AS HORIZONTAL BARS WITH MORE THAN 12" OF FRESH CONCRETE BELOW THE BAR.
 - MULTIPLY BY 1.2 FOR #3 OR #4 EPOXY COATED BARS SPACED 4" MIN OC WITH 1 1/2" MIN CLEAR COVER.
 - MULTIPLY BY 1.31 FOR OTHER EPOXY COATED TOP BARS.
 - MULTIPLY BY 1.5 FOR OTHER EPOXY COATED BARS - EXCEPT TOP BARS.
 - MULTIPLY BY 1.3 FOR LIGHTWEIGHT CONCRETE.
 - MULTIPLY BY $f_y/60$ FOR BARS WITH YIELD STRESS >60 KSI.
 - USE CLASS 'B' TENSION LAP SPLICES UNLESS SPECIFICALLY NOTED OTHERWISE.
 - COMPRESSION LAP LENGTH, ONLY WHERE NOTED, TO BE $30db$. INCREASE TO $44db$ FOR $F_y = 75$ KSI, AND $57db$ FOR $F_y = 90$ KSI.

MASONRY VERTICAL REINFORCING LAP LENGTH SCHEDULE - $F'm = 2000$ PSI		
BAR SIZE	LAP LENGTH	
#3	12"	
#4	16"	
#5	26"	
#6	49"	

- UNLESS NOTED OTHERWISE:
- BASED ON $F_y = 60$ KSI.
 - MULTIPLY LAPS BY 1.5 FOR EPOXY COATED REINFORCEMENT (MINIMUM LAP IS 18").
 - #6 BAR CENTERED IN 12" AND LARGER WALLS MAY BE REDUCED TO 26".
 - SEE STRUCTURAL NOTES FOR LAP LENGTH OF HORIZONTAL REINFORCING.
 - LAP LENGTHS ARE VALID FOR 8" (AND LARGER) SINGLY REINFORCED OR 10" (AND LARGER) DOUBLY/CENTRICALLY REINFORCED WALLS WHERE DISTANCE FROM CENTER OF BAR TO OUTSIDE FACE OF CMU IS $\geq 3"$. FOR OTHER CONDITIONS, CONFIRM LAP WITH ENGINEER.

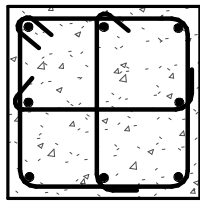
COLUMN FOOTING SCHEDULE				
MARK	FOOTING SIZE			REINFORCING
	WIDTH	LENGTH	THICKNESS	
CF4-0	4' - 0"	4' - 0"	1' - 0"	6-#4 EACH WAY BOTTOM

CONTINUOUS WALL FOOTING SCHEDULE			
MARK	FOOTING SIZE		REINFORCING
	WIDTH	THICKNESS	
WF1-4	1' - 4"	1' - 0"	2-#5 CONT BOTTOM
WF2-9	2' - 0"	1' - 0"	2-#5 CONT BOTTOM

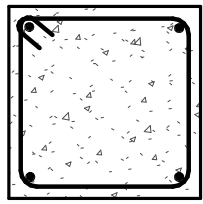
CONCRETE PIER SCHEDULE			
MARK	SIZE	REINFORCING	REMARKS
CP1	24"x24"	8-#6 VERT W/ #4 TIES @12"OC	

- UNLESS NOTED OTHERWISE:
- PROVIDE PIER TYPE CP1 FOR BEAM BEARINGS AND OPENING JAMBS WHERE PIER IS NOT SHOWN. CONFIRM WITH ENGINEER PRIOR TO PLACEMENT.
 - PROVIDE HOOKED DOWELS INTO FOOTING TO MATCH VERTICAL REINFORCING. PROJECT INTO PIER PER CLASS B TENSION LAP SPLICE TABLE. SEE STRUCTURAL NOTES FOR ADDITIONAL INFORMATION.
 - PROVIDE CROSSTIES AS SHOWN WITH 90° HOOK ONE END AND 135° HOOK OTHER END. SIZE TO MATCH TIES. ALTERNATE TIE CONFIGURATIONS MEETING ACI 318, SECTION 7.10.5 ARE ACCEPTABLE.
 - PROVIDE FIRST TIE MAXIMUM OF ONE-HALF THE SPACING ABOVE TOP OF FOOTING.
 - EXTEND TIES TO WITHIN ONE-HALF THE SPACING OF TOP OF PIER. PROVIDE MINIMUM OF 2 TIES WITHIN 3' OF TOP OF PIER.

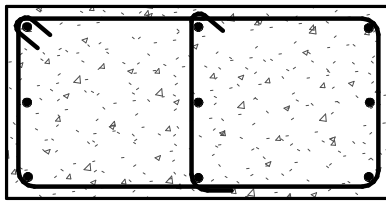
CONCRETE PIER BAR PLACEMENT DETAILS



DETAIL A



DETAIL B



DETAIL C

MASONRY PIER SCHEDULE			
MARK	SIZE	REINFORCING	REMARKS
MP1	16"xWALL WIDTH	2-#5 VERTS, 1 EA CORE	

- UNLESS NOTED OTHERWISE:
- PROVIDE PIER TYPE MP1 FOR BEAM BEARINGS AND OPENING JAMBS WHERE PIER IS NOT SHOWN. CONFIRM WITH ENGINEER PRIOR TO PLACEMENT.
 - PROVIDE HOOKED DOWELS INTO FOOTING TO MATCH VERTICAL REINFORCING. SEE MASONRY WALL REINFORCING SCHEDULE FOR MORE INFORMATION.
 - SEE 3/4-01 FOR TYPICAL JAMB REINFORCING LAYOUT.
 - REINFORCING SHOWN AT LOWEST LEVEL EXTENDS FROM TOP OF FOOTING TO 2" CLEAR TOP OF WALL OR TO BEAM BEARING.

MASONRY WALL REINFORCING SCHEDULE		
MARK	REINFORCING	REMARKS
MW1	#5@48"OC	

- UNLESS NOTED OTHERWISE:
- PROVIDE TYPE MW1 REINFORCING WHERE REINFORCING IS NOT SHOWN. CONFIRM WITH ENGINEER PRIOR TO PLACEMENT.
 - PROVIDE HOOKED DOWELS FROM FOOTING INTO MASONRY WALLS TO MATCH MASONRY WALL REINFORCING SIZE AND SPACING. PROJECT INTO WALL PER MASONRY VERTICAL REINFORCING LAP LENGTH SCHEDULE. SEE STRUCTURAL NOTES FOR ADDITIONAL INFORMATION.
 - PLACE FIRST BAR 1/2 TYPICAL SPACING FROM EDGE OF PIERS.
 - SEE PIER SCHEDULE FOR ADDITIONAL REINFORCEMENT REQUIRED.
 - EXTEND VERTICAL REINFORCING FROM FOOTINGS TO 2" CLEAR TOP OF WALL OR TO BEAM BEARING FOR REINFORCING BELOW BEAMS.

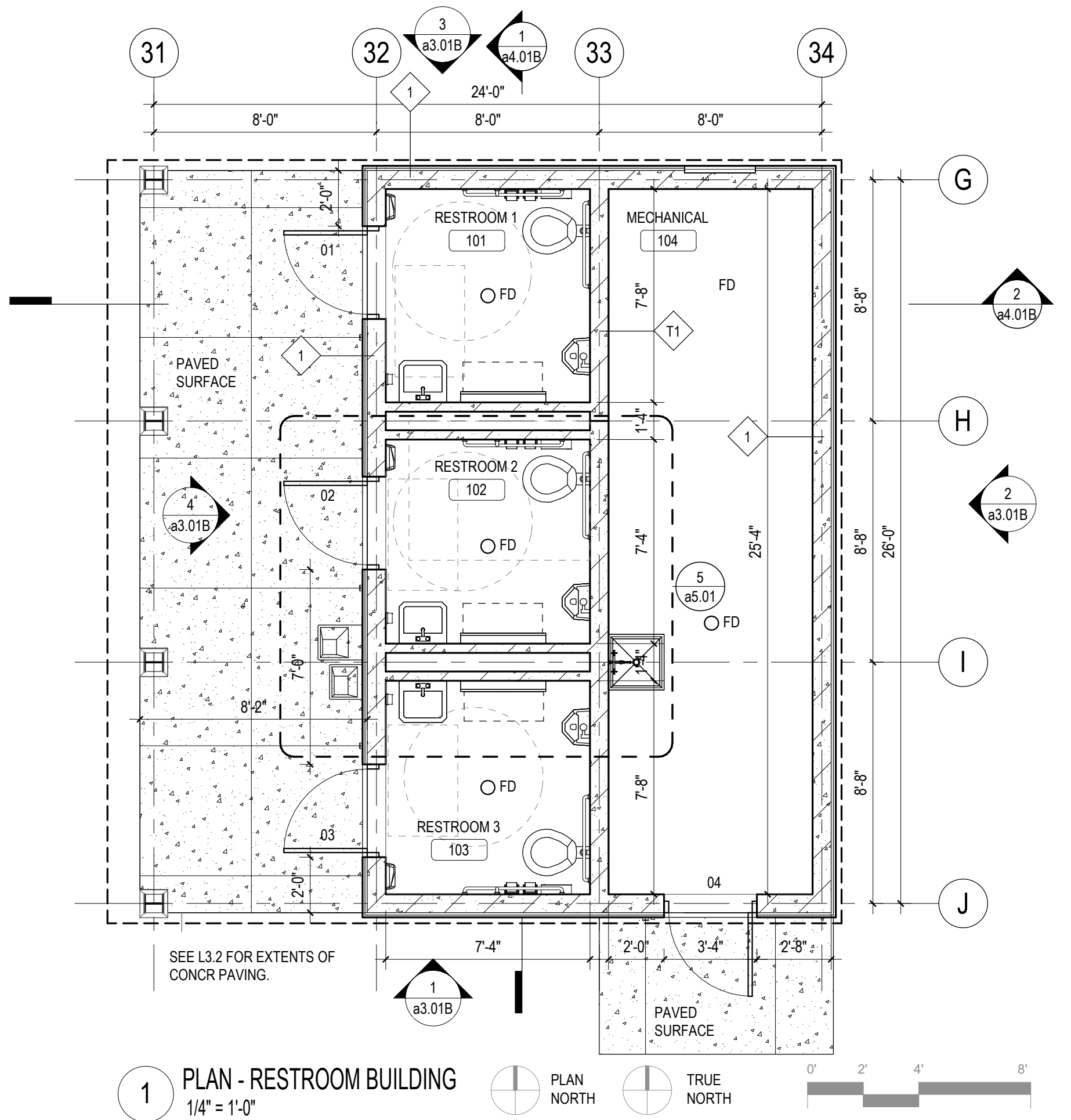
STEEL COLUMN SCHEDULE		
MARK	SIZE	BASE PLATE (WHERE REQUIRED)
SC1	W8X31	9x12x0'-9"

- UNLESS NOTED OTHERWISE:
- PROVIDE 1" NON-SHRINK GROUT BELOW BASE PLATE.

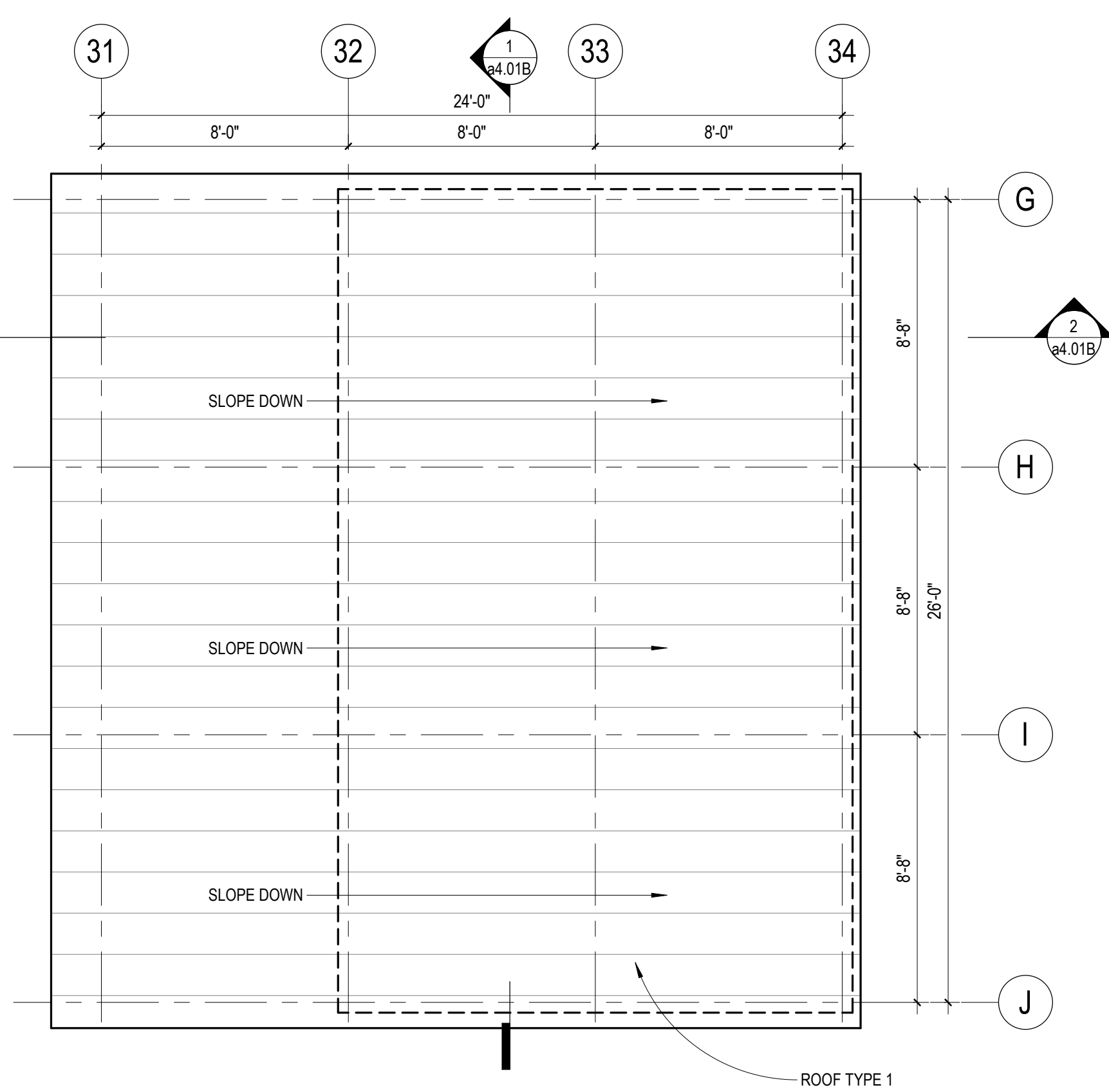
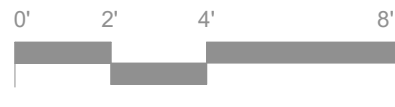
LINTEL SCHEDULE		
MARK	SIZE	REMARKS
L1	16" BOND BEAM	2-#5 BOTTOM

- UNLESS NOTED OTHERWISE:
- PROVIDE LINTEL TYPE L1 WHERE LINTEL IS NOT SHOWN. CONFIRM WITH ENGINEER PRIOR TO PLACEMENT.
 - USE LINTEL BLOCKS FOR LINTELS.
 - BEAR MASONRY OR CONCRETE LINTELS 16" MINIMUM EACH SIDE OF OPENING.
 - DO NOT PLACE CONTROL JOINTS WITHIN 2'-0" OF JAMBS OR WITHIN MASONRY PIERS.

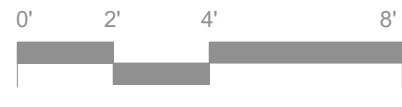
REVISIONS		
NO.	DATE	DESCRIPTION



1 PLAN - RESTROOM BUILDING
1/4" = 1'-0"



2 ROOF PLAN - RESTROOM BUILDING
1/4" = 1'-0"



PLAN GENERAL NOTES

1. REFER TO SHEET a0.00 FOR STANDARD MOUNTING HEIGHTS AND SYMBOL LEGEND.
2. REFER TO SHEET a8.01 FOR PARTITION TYPES.
3. REFER TO SHEET a8.01 FOR DOOR INFORMATION.
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5. ITEMS INDICATED AS 'NIC' ARE FURNISHED, INSTALLED AND CONNECTED BY OWNER OR OTHERS, AND ARE EXCLUDED FROM THE SCOPE OF WORK FOR THESE DRAWINGS.
6. PLAN DIMENSIONS ARE TO CENTERLINE OF PARTITION ASSEMBLY, CENTERLINE OF COLUMN, OR FACE OF CONCRETE MASONRY UNIT, UNO.
7. MASONRY DIMENSIONS ARE NOMINAL, UNO.
8. DIMENSIONS NOTED AS 'CLEAR' ARE TO FACE OF FINISHED SURFACES.
9. MAINTAIN DESIGNATED ACOUSTIC RATINGS ACROSS JOINTS, AND AROUND PERIMETER OF OPENINGS. REFER TO SPECIFIC STC CRITERIA NOTED ON PARTITION TYPES.
10. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR SCOPE OF CONCRETE PADS BELOW EQUIPMENT. HOUSEKEEPING AND EQUIPMENT PADS SHALL BE FINISHED TO MATCH ADJACENT FLOOR FINISHES PRIOR TO INSTALLATION OF EQUIPMENT.
11. ALL EXPOSED STEEL COLUMNS AND BEAMS TO BE PAINTED.
12. FLOOR FINISH IN RESTROOMS AND MECHANICAL ROOM TO BE EPOXY FLOORING.

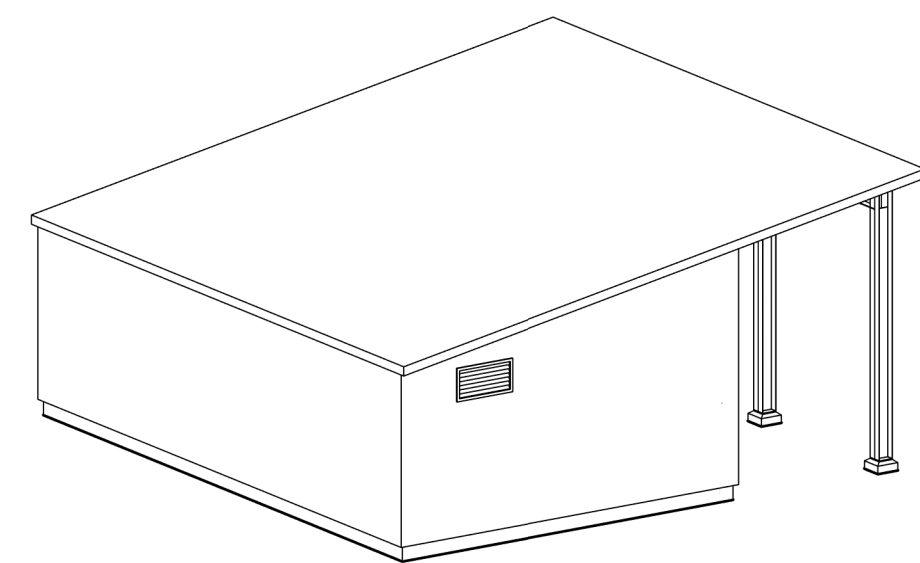
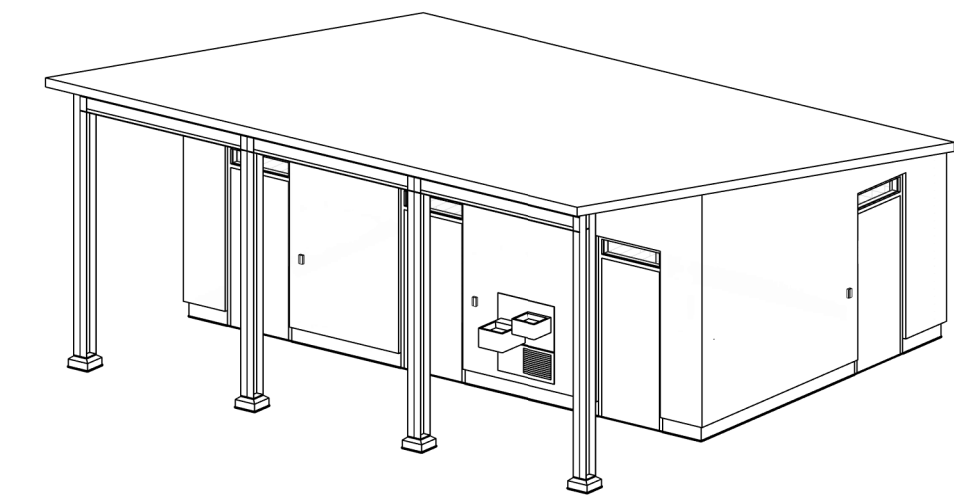
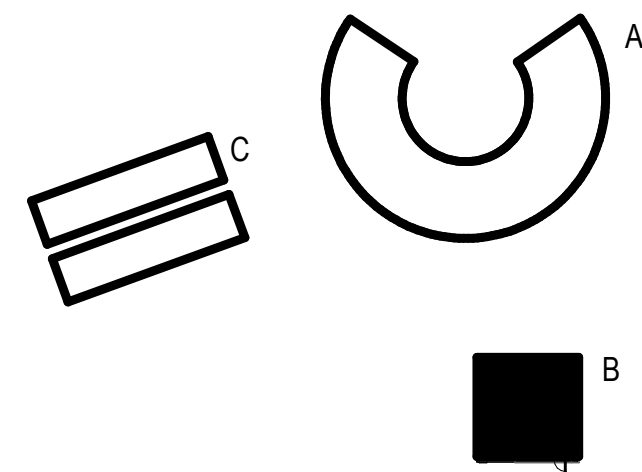
ROOF PLAN GENERAL NOTES

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2. REFER TO STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL SCOPE OF WORK TO BE COORDINATED (ROOFTOP EQUIPMENT, PENETRATIONS, ETC).
3. ROOF SLOPE ELEVATIONS SHOWN ARE MEASURED FROM TOP OF STRUCTURAL DECK/SLAB TO TOP OF ROOF MEMBRANE.
4. INSTALL ROOFING AND PATCHING IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS TO ACHIEVE SPECIFIED WARRANTY. COMPLY WITH MANUFACTURER'S STANDARD INSTALLATION DETAILS AND REQUIREMENTS AT CONDITIONS NOT SPECIFICALLY DETAILED BY ARCHITECT.
5. CONTRACTOR SHALL CONSIDER FIELD CONDITIONS THAT COULD AFFECT DRAINAGE OF ROOF SURFACES (E.G., CAMBER OF STRUCTURE, EXISTING SURFACE UNEVENNESS, ETC.) AND ADJUST ROOF SYSTEM INSTALLATION TO ACHIEVE INTENDED DRAINAGE.
6. METAL ROOFING FASTENERS SHALL NOT PENETRATE THROUGH WOOD DECKING.

RCP GENERAL NOTES

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2. REFER TO ELECTRICAL FOR SCOPE OF LIGHTING AND FIXTURE TYPES. REFER TO ARCHITECTURAL FOR LIGHT FIXTURE LOCATIONS.
3. COORDINATE CEILING MOUNTED EQUIPMENT SUPPORTS, DEVICE LOCATIONS, CLEARANCES, ETC. WITH EQUIPMENT INSTALLERS AND SUPPLIERS PRIOR TO INSTALLATION.

KEYPLAN



ALLIANCE

Alliance
400 Clifton Avenue
Minneapolis, MN 55403

wsb

WSB PROJECT NO.:
020153-000

SCALE: DESIGNED BY:
AS SHOWN ALLIANCE
PLAN BY: CHECKED BY:
ALLIANCE ALLIANCE

REVISONS	NO.	DATE	DESCRIPTION

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

Kenneth A. Sheehan
KENNETH SHEEHAN

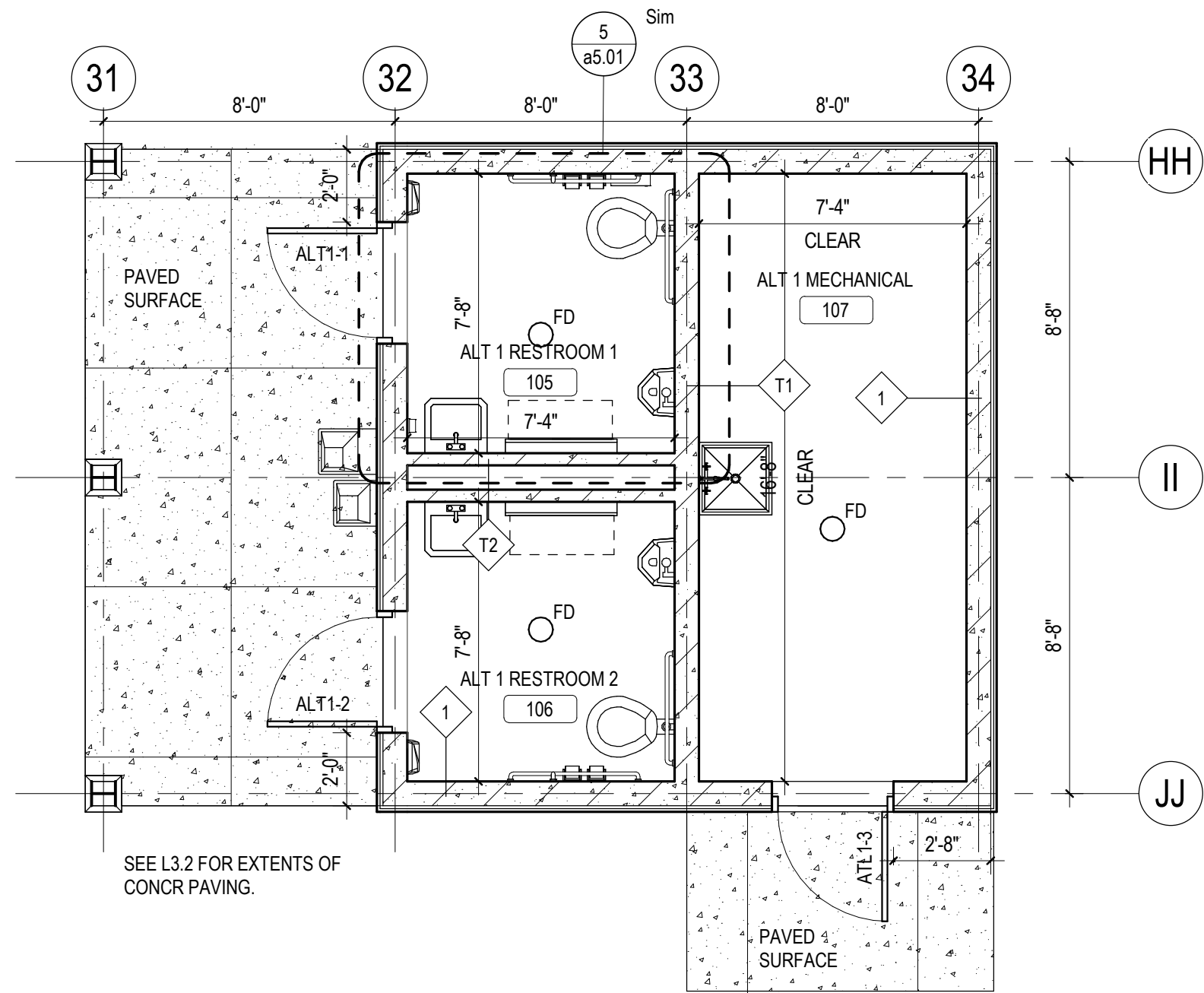
DATE: 06/27/2022 LIC NO.: 43965

HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

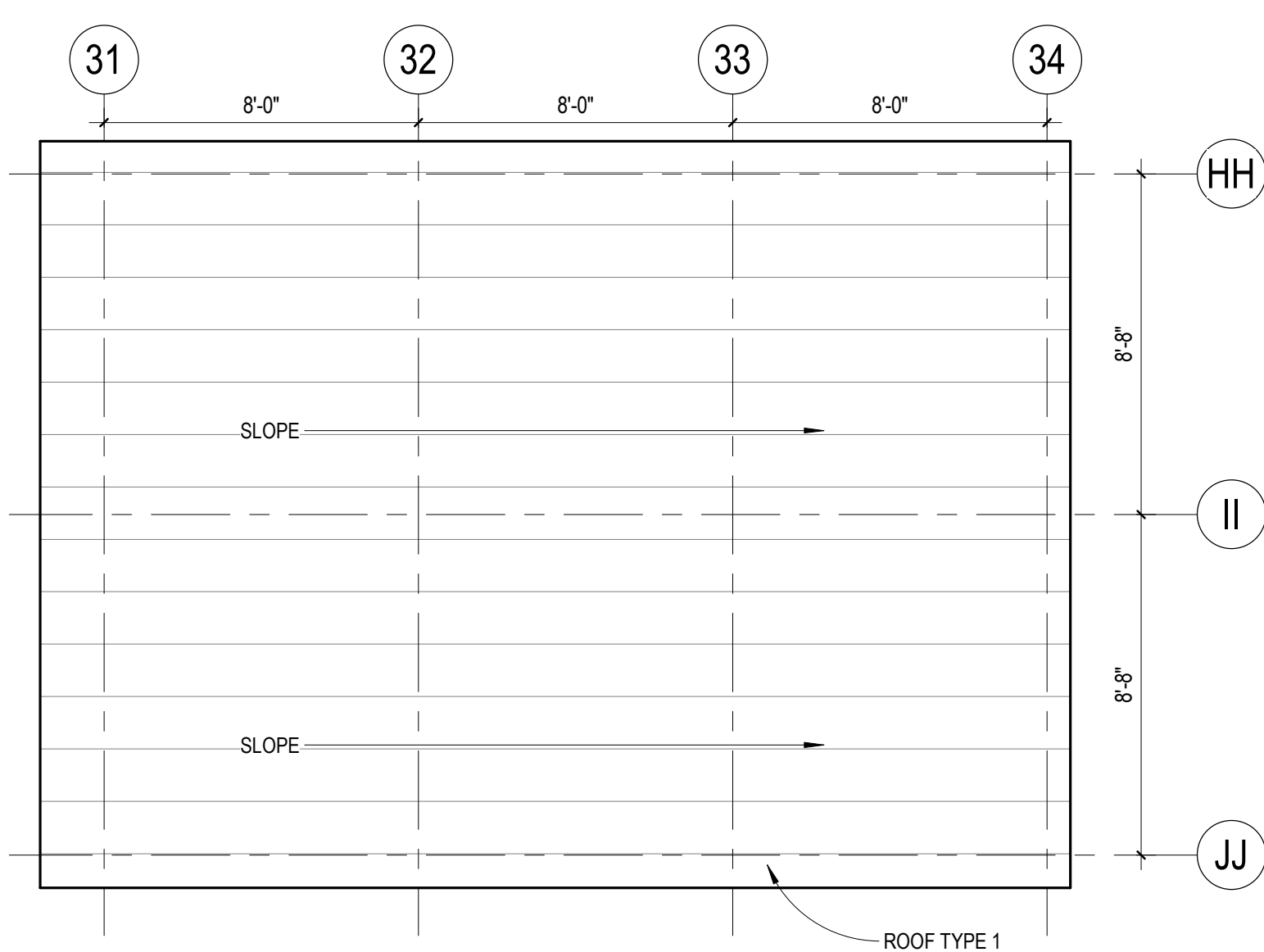
FLOOR PLANS
AND ROOF
PLANS -
RESTROOMS
BASE BIDS

C.P. SHEET

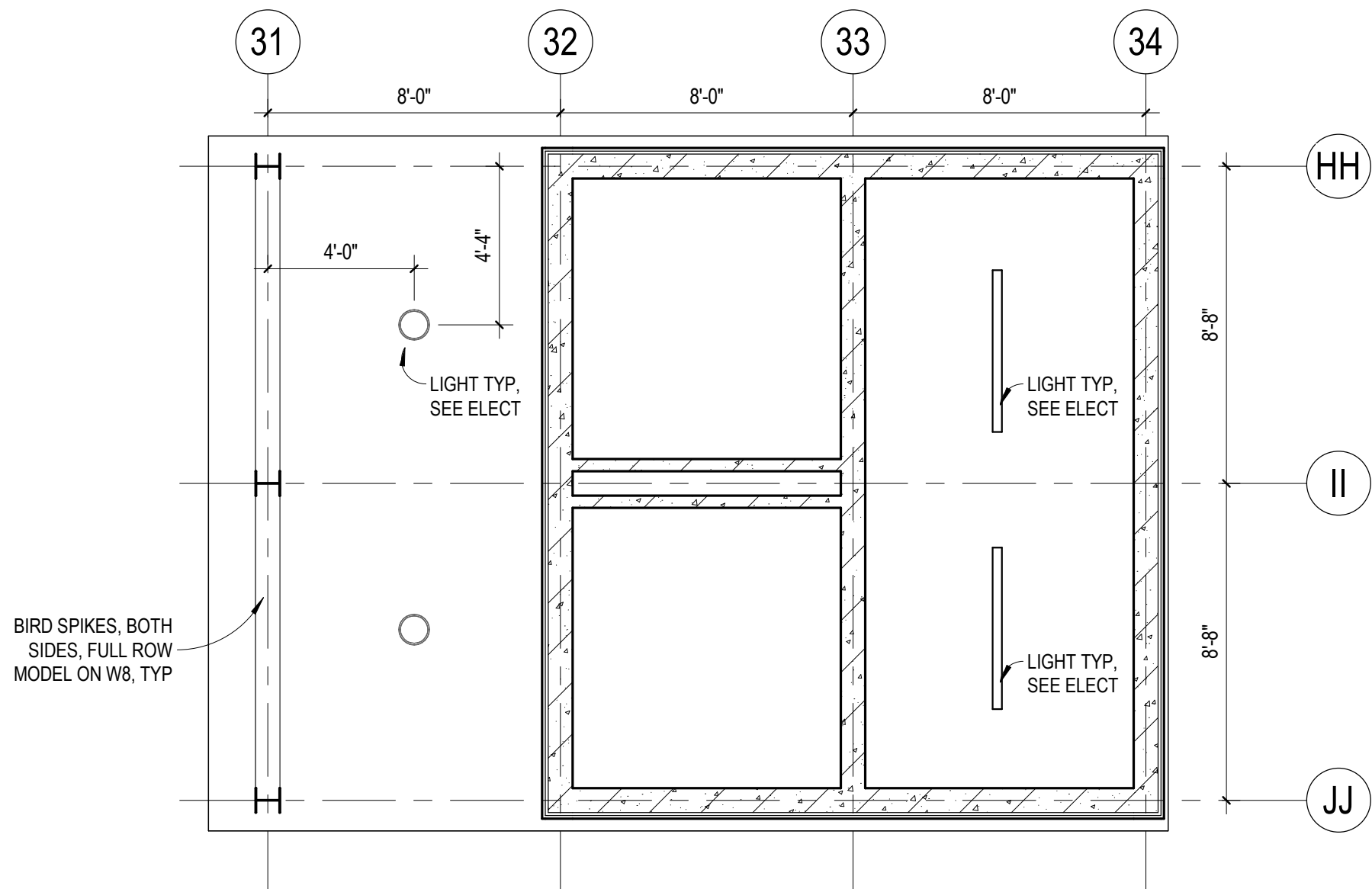
2117 a1.01B



1 PLAN - RESTROOM BUILDING - BID ALTERNATE
1/4" = 1'-0"



2 ROOF PLAN - RESTROOM BUILDING - BID ALTERNATE
1/4" = 1'-0"



3 RCP - RESTROOM BUILDING - BID ALTERNATE
1/4" = 1'-0"



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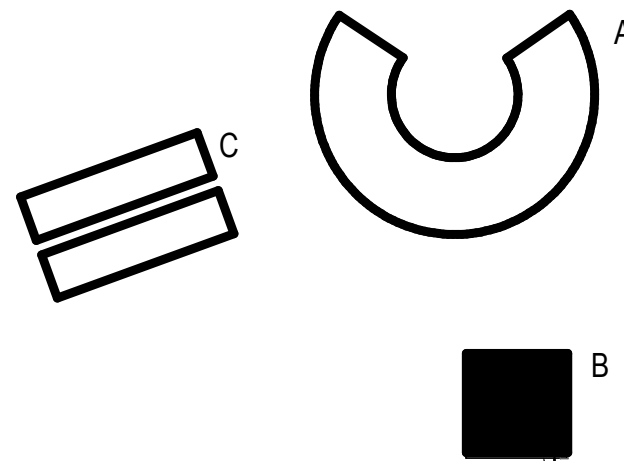
ROOF PLAN GENERAL NOTES

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KEYPLAN



WSB PROJECT NO.:
020153-000

SCALE: AS SHOWN
DESIGNED BY: ALLIANCE
PLAN BY: ALLIANCE
CHECKED BY: ALLIANCE

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Kenneth Sheehan
KENNETH SHEEHAN
DATE: 06/27/2022 LIC NO.: 43965

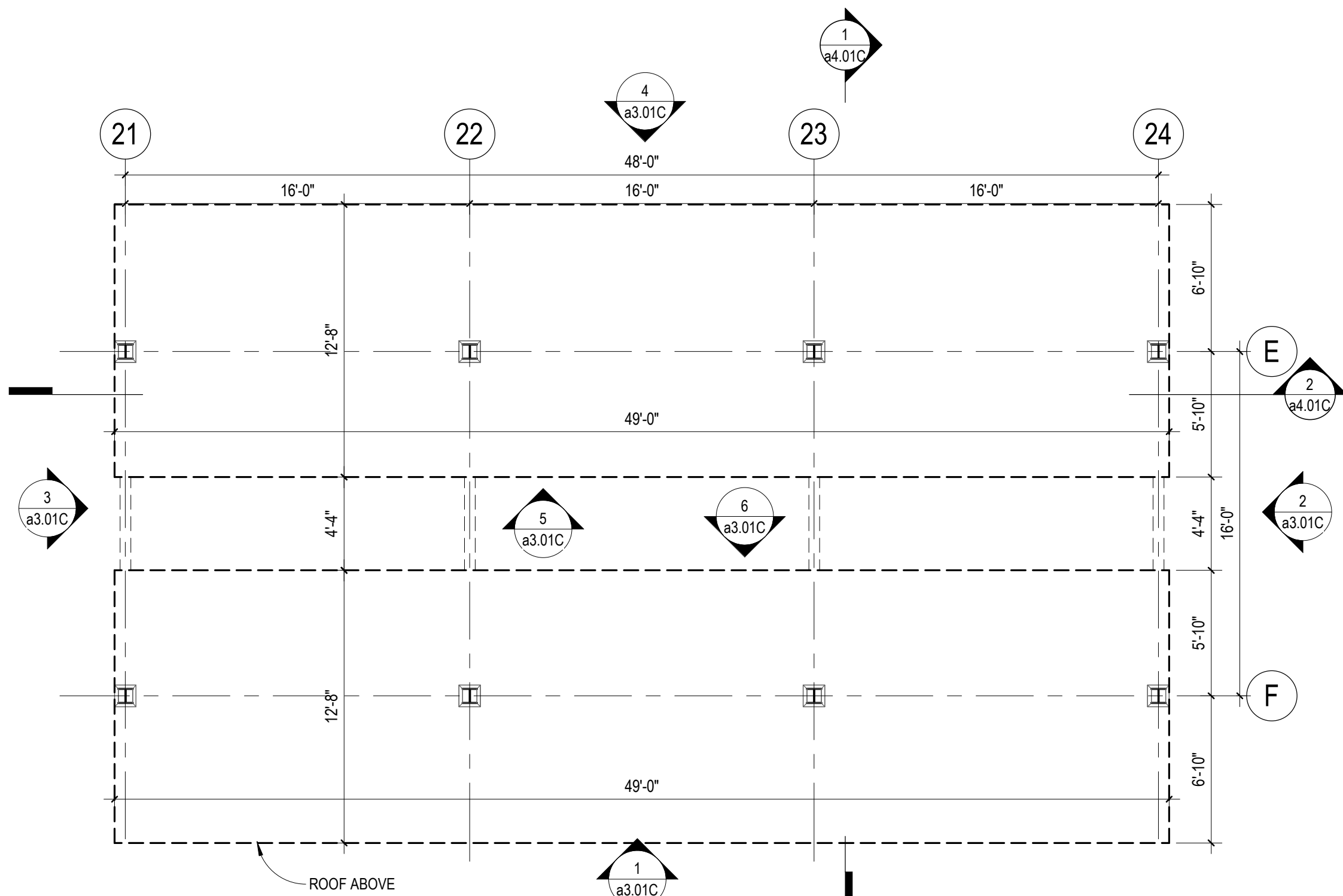
HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

FLOOR PLANS
AND ROOF
PLANS -
RESTROOMS
BID ALT 1

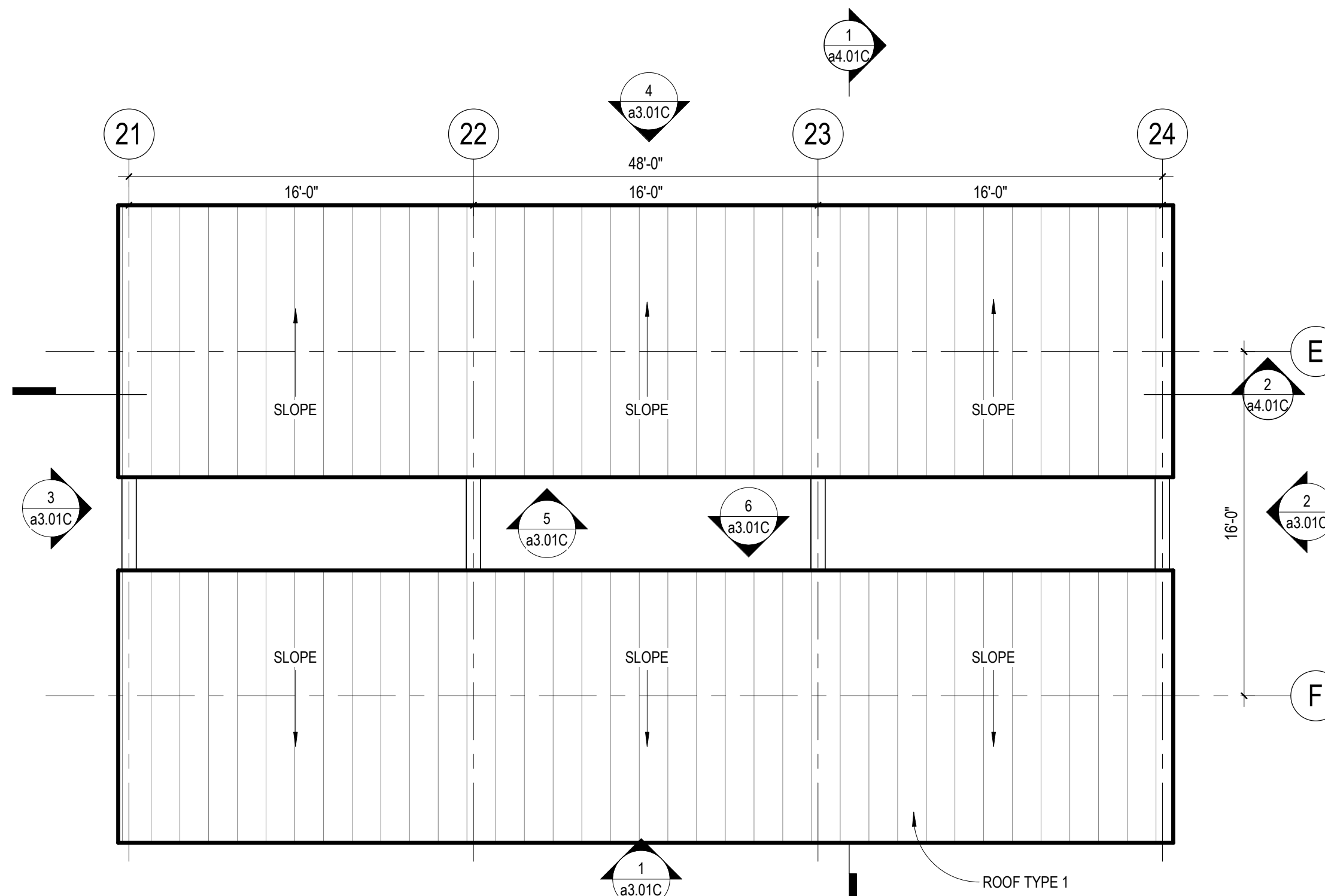
ALLIANCE

Alliance
400 Clifton Avenue
Minneapolis, MN 55403

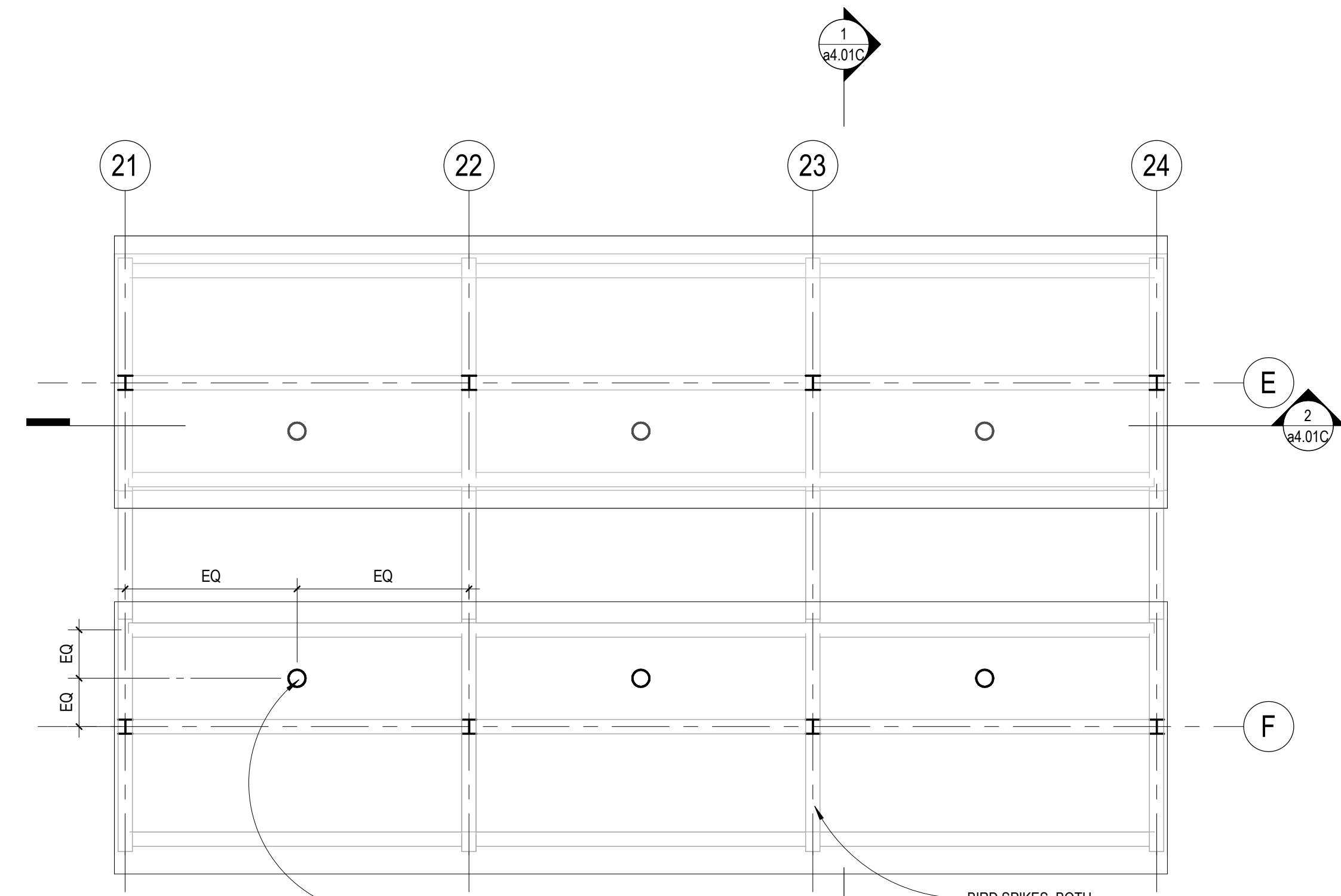
C.P. SHEET
2117 a1.01B-1



1 PLAN - BENCH SHELTER
3/16" = 1'-0"



2 ROOF PLAN - BENCH SHELTER
3/16" = 1'-0"



6 FRAMING PLAN - BENCH SHELTER
3/16" = 1'-0"



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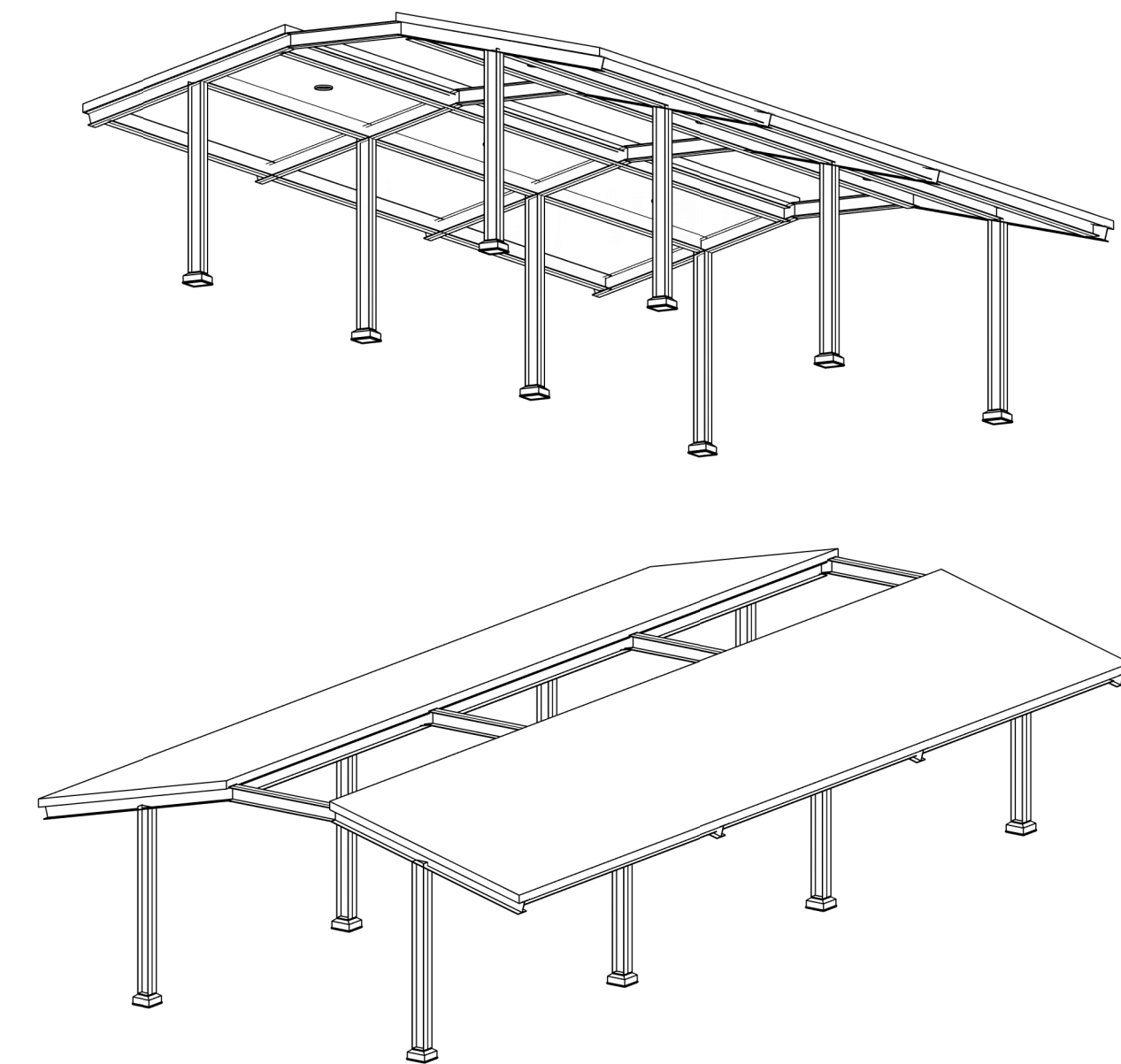
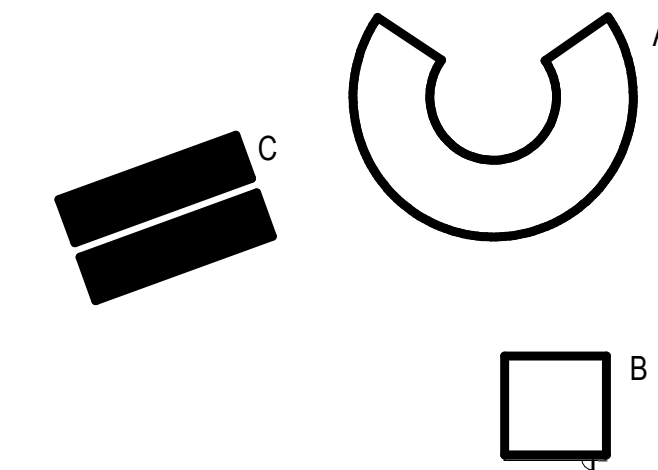
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KEYPLAN



ALLIANCE

Alliance
400 Clifton Avenue
Minneapolis, MN 55403



WSB PROJECT NO.:
020153-000

SCALE: DESIGNED BY:
AS SHOWN ALLIANCE
PLAN BY: CHECKED BY:
ALLIANCE ALLIANCE

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Kenneth A. Sheehan
KENNETH SHEEHAN

DATE: 06/27/2022 LIC NO.: 43965

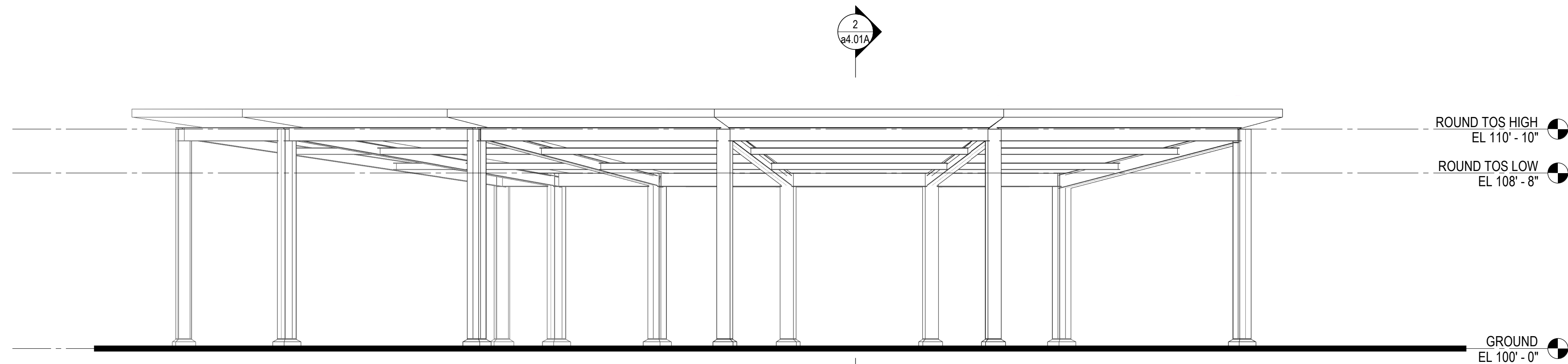
HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

FLOOR PLANS
AND ROOF
PLANS -
BENCH
SHELTER

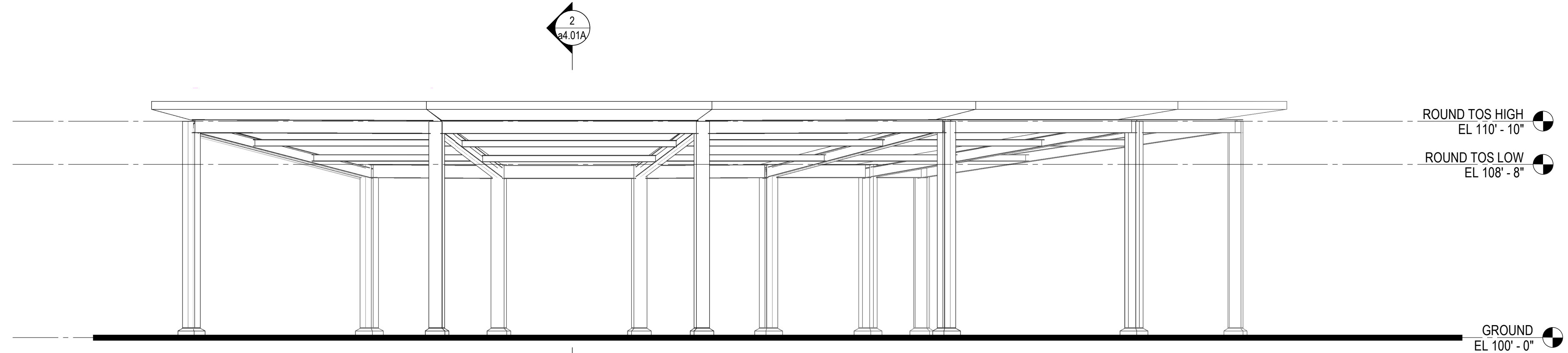
C.P. SHEET

2117 a1.01C

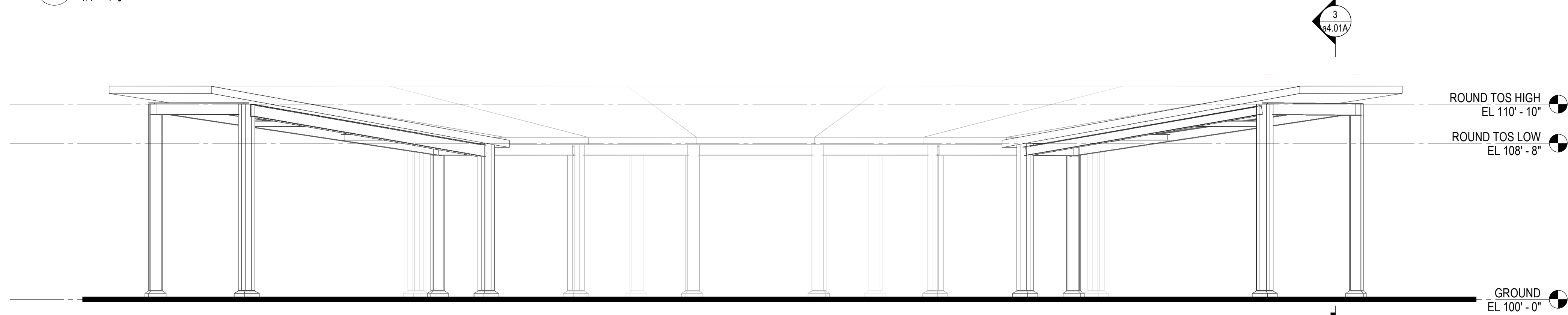
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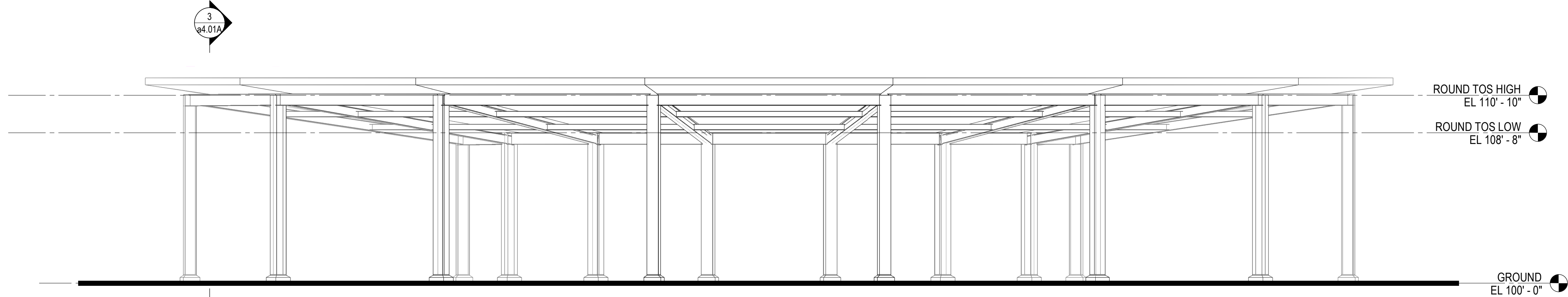
1 ROUNDHOUSE ELEVATION - EAST
1/4" = 1'-0"



2 ROUNDHOUSE ELEVATION - WEST
1/4" = 1'-0"



3 ROUNDHOUSE ELEVATION - NORTH
1/4" = 1'-0"



4 ROUNDHOUSE ELEVATION - SOUTH
1/4" = 1'-0"



WSB PROJECT NO.:
020153-000

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DESIGNED BY: ALLIANCE
PLAN BY: ALLIANCE
CHECKED BY: ALLIANCE

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Kenneth A. Sheehan
KENNETH SHEEHAN

DATE: 06/27/2022 LIC NO: 43965

HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

ELEVATIONS -
ROUNDHOUSE

ALLIANCE

Alliance
400 Clifton Avenue
Minneapolis, MN 55403

C.P. SHEET

2117 a3.01A

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HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

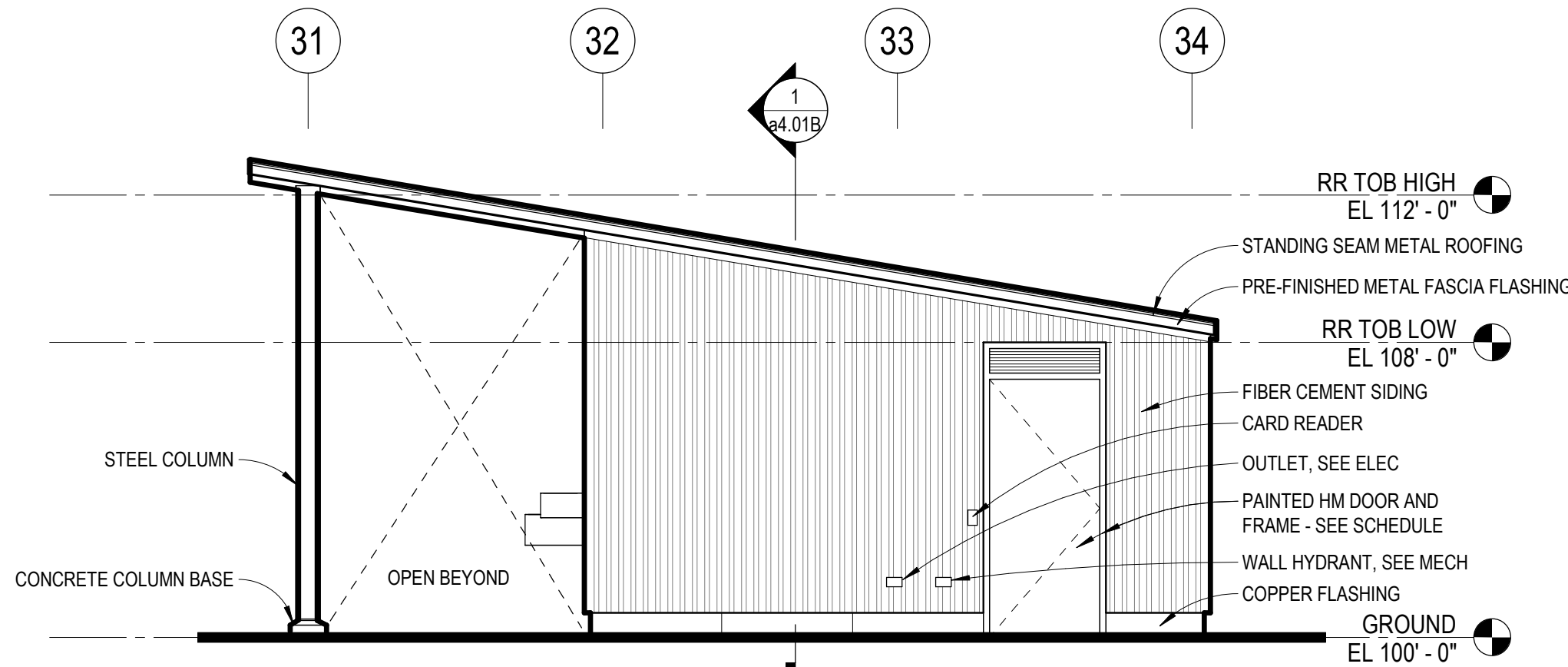
ELEVATIONS -
RESTROOMS

ALLIANCE

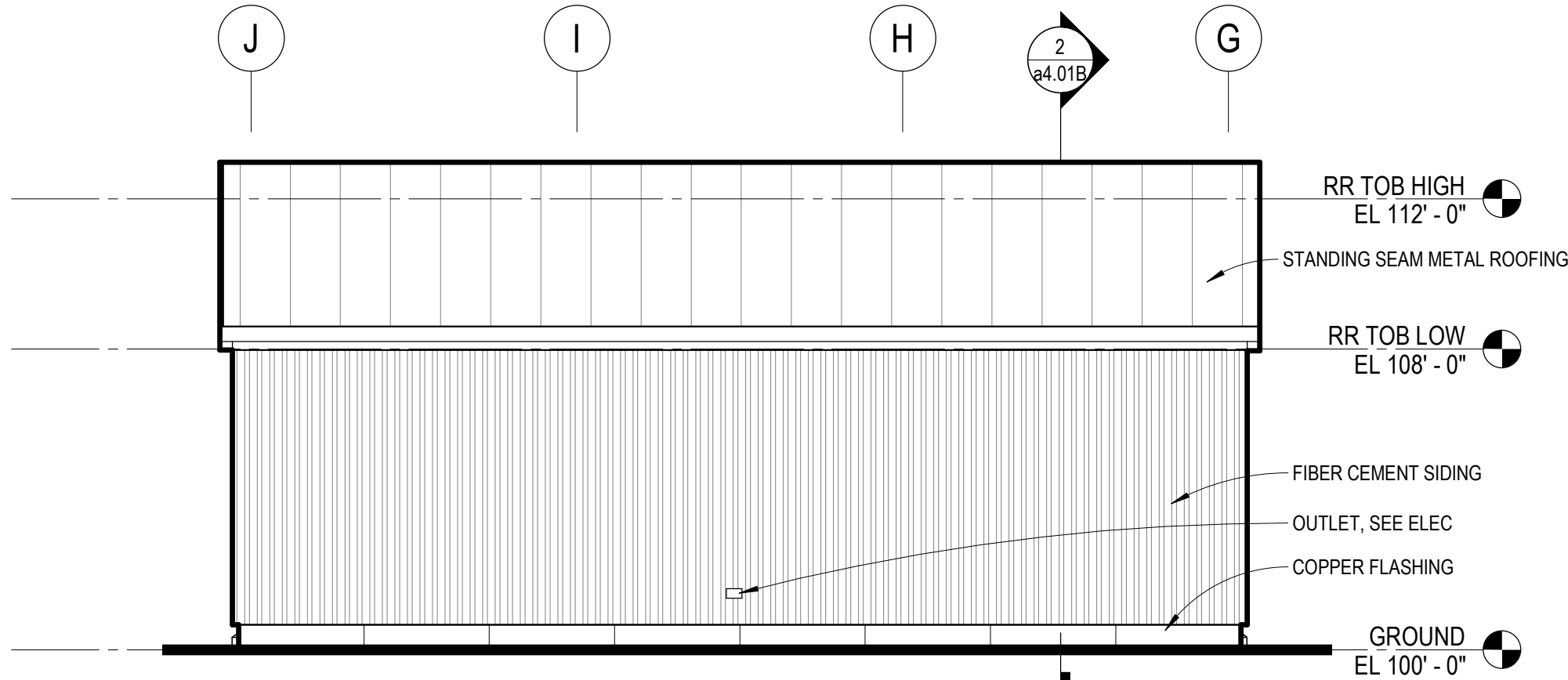
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Minneapolis, MN 55403

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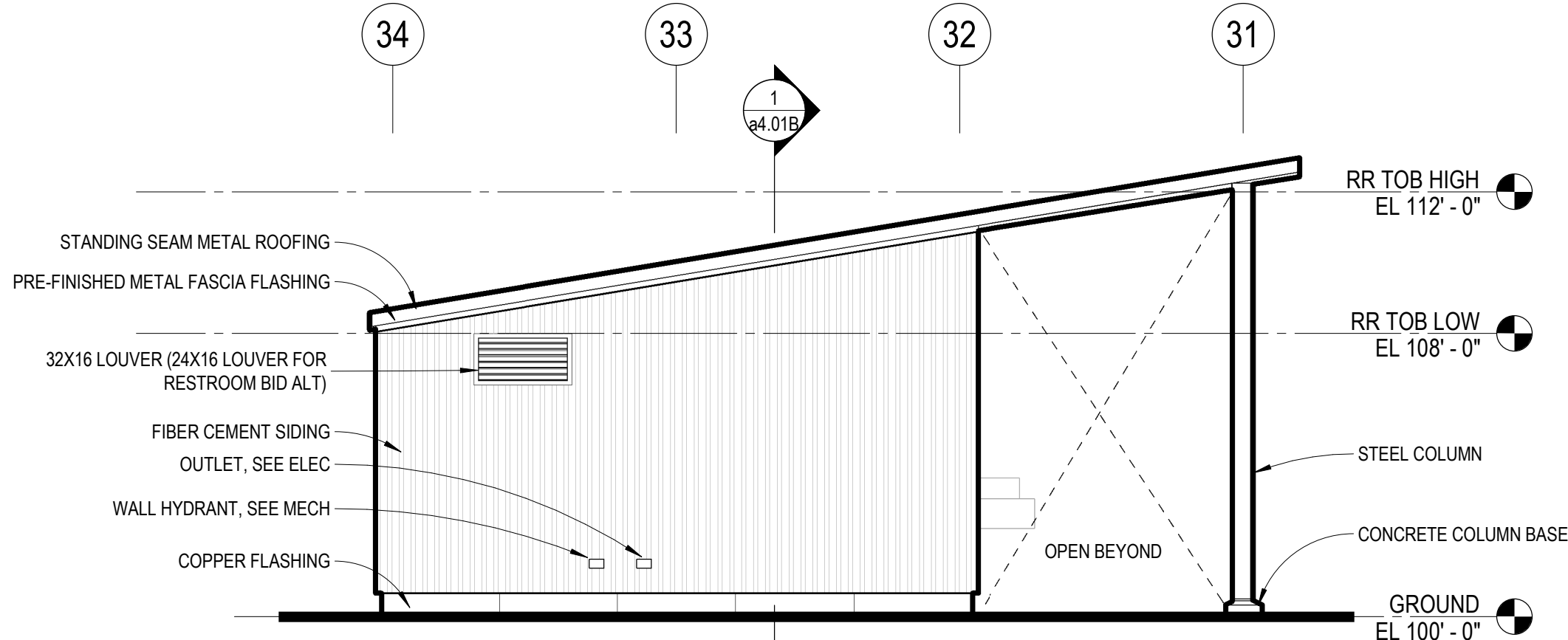
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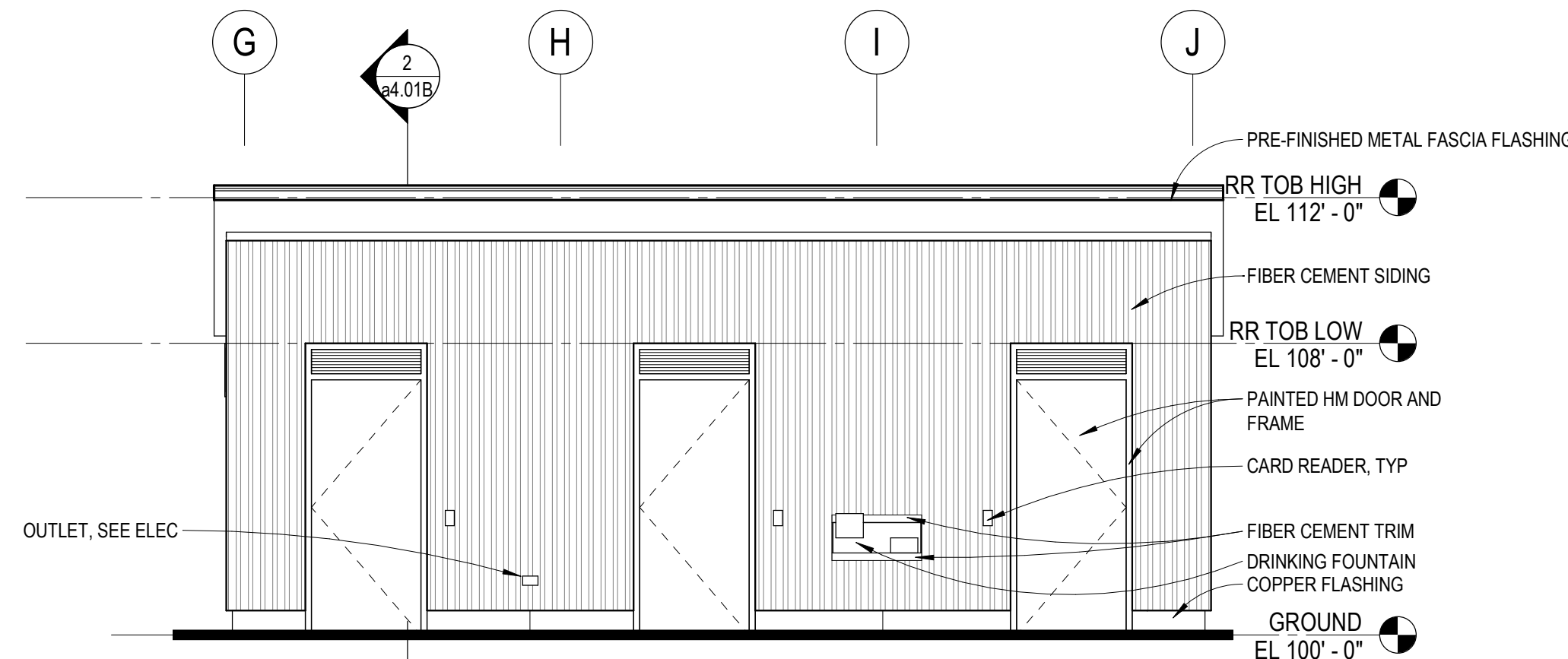
1 RESTROOM BUILDING ELEVATION - SOUTH
1/4" = 1'-0"



2 RESTROOM BUILDING ELEVATION - EAST
1/4" = 1'-0"



3 RESTROOM BUILDING ELEVATION - NORTH
1/4" = 1'-0"



4 RESTROOM BUILDING ELEVATION - WEST 2
1/4" = 1'-0"

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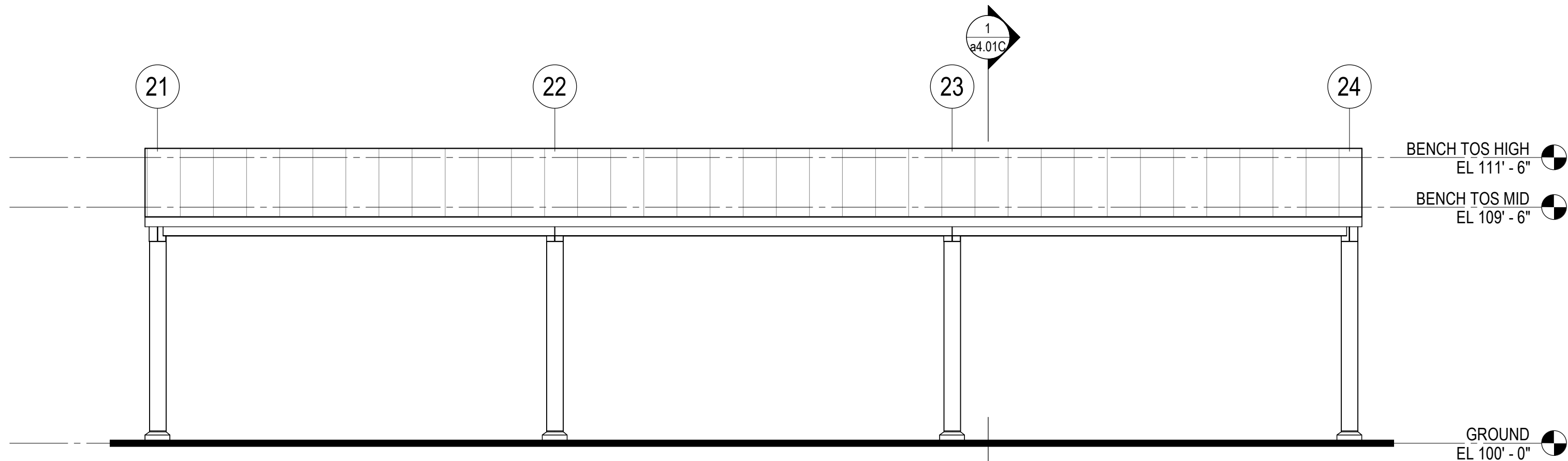
HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

ELEVATIONS -
BENCH
SHELTER

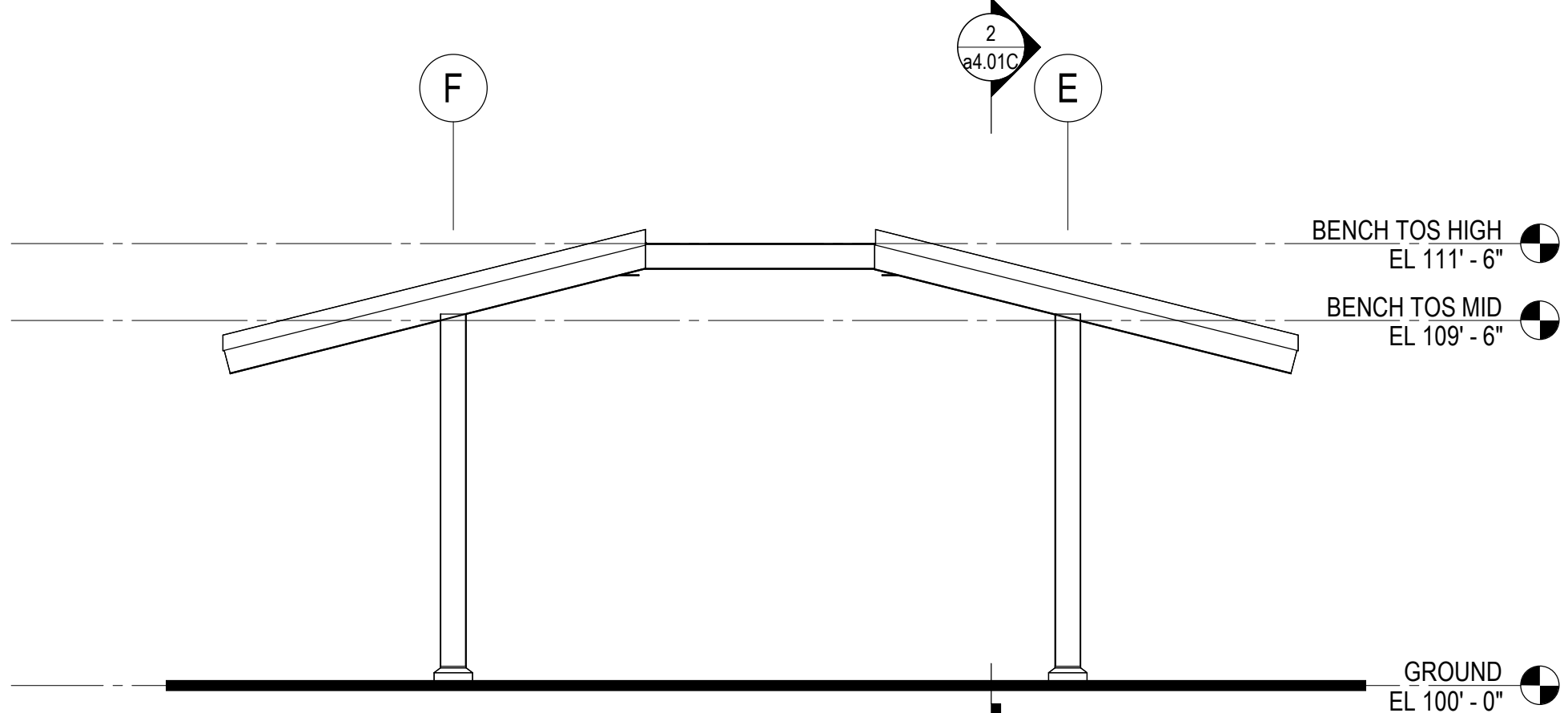
C.P. SHEET
2117 a3.01C

ALLIANCE

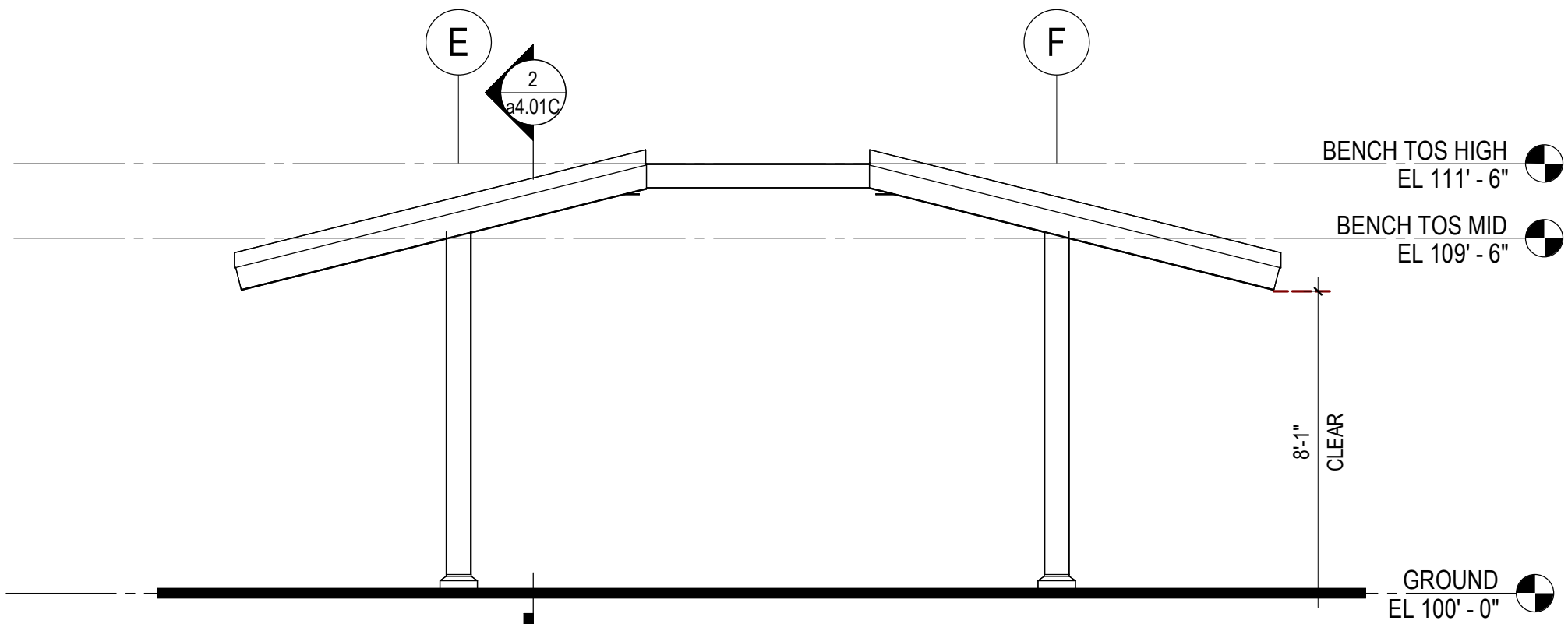
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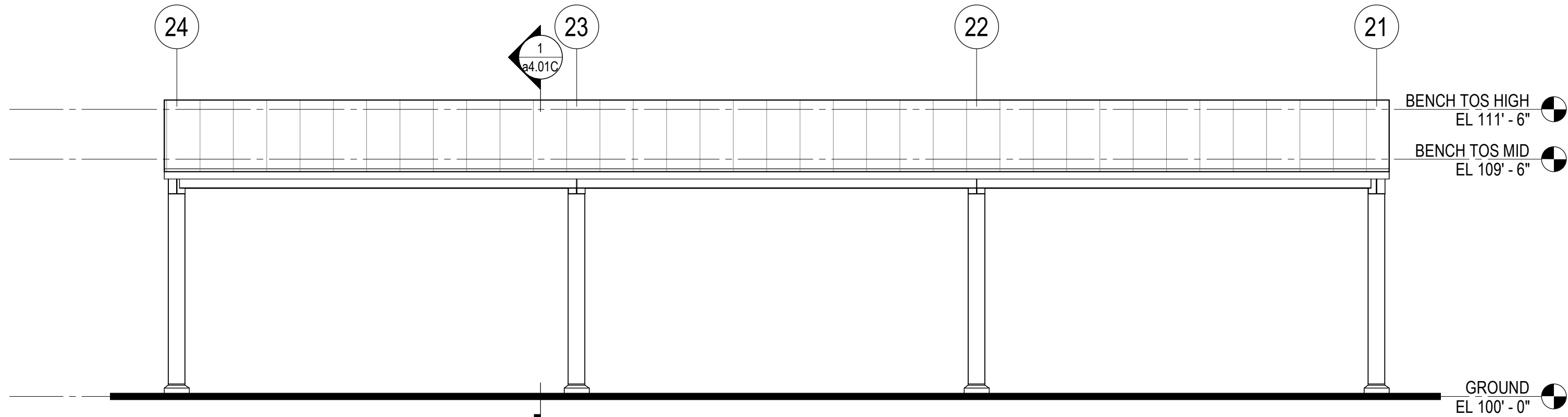
1 BENCH SHELTER ELEVATION - SOUTH
1/4" = 1'-0"



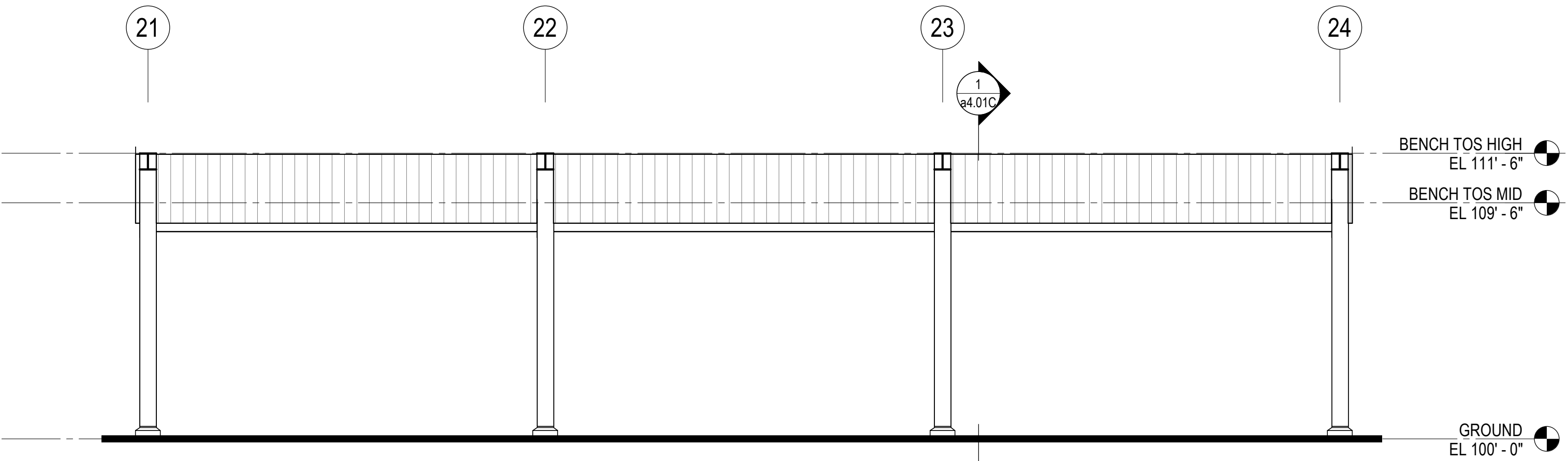
2 BENCH SHELTER ELEVATION - EAST
1/4" = 1'-0"



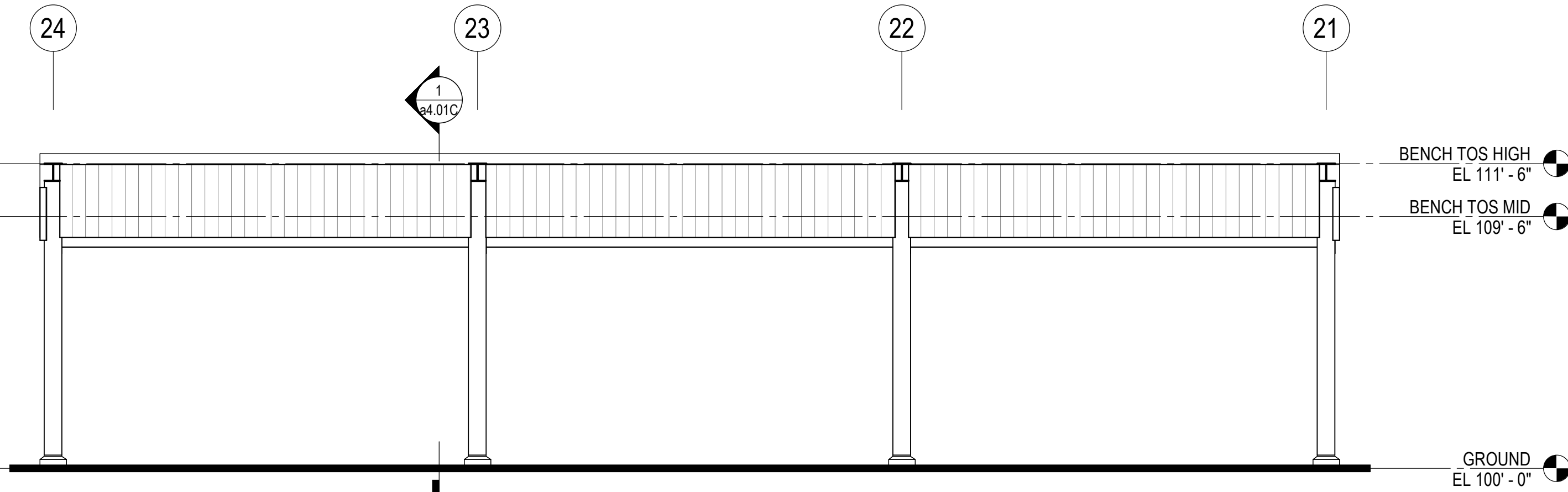
3 BENCH SHELTER ELEVATION - WEST
1/4" = 1'-0"



4 BENCH SHELTER ELEVATION - NORTH
1/4" = 1'-0"

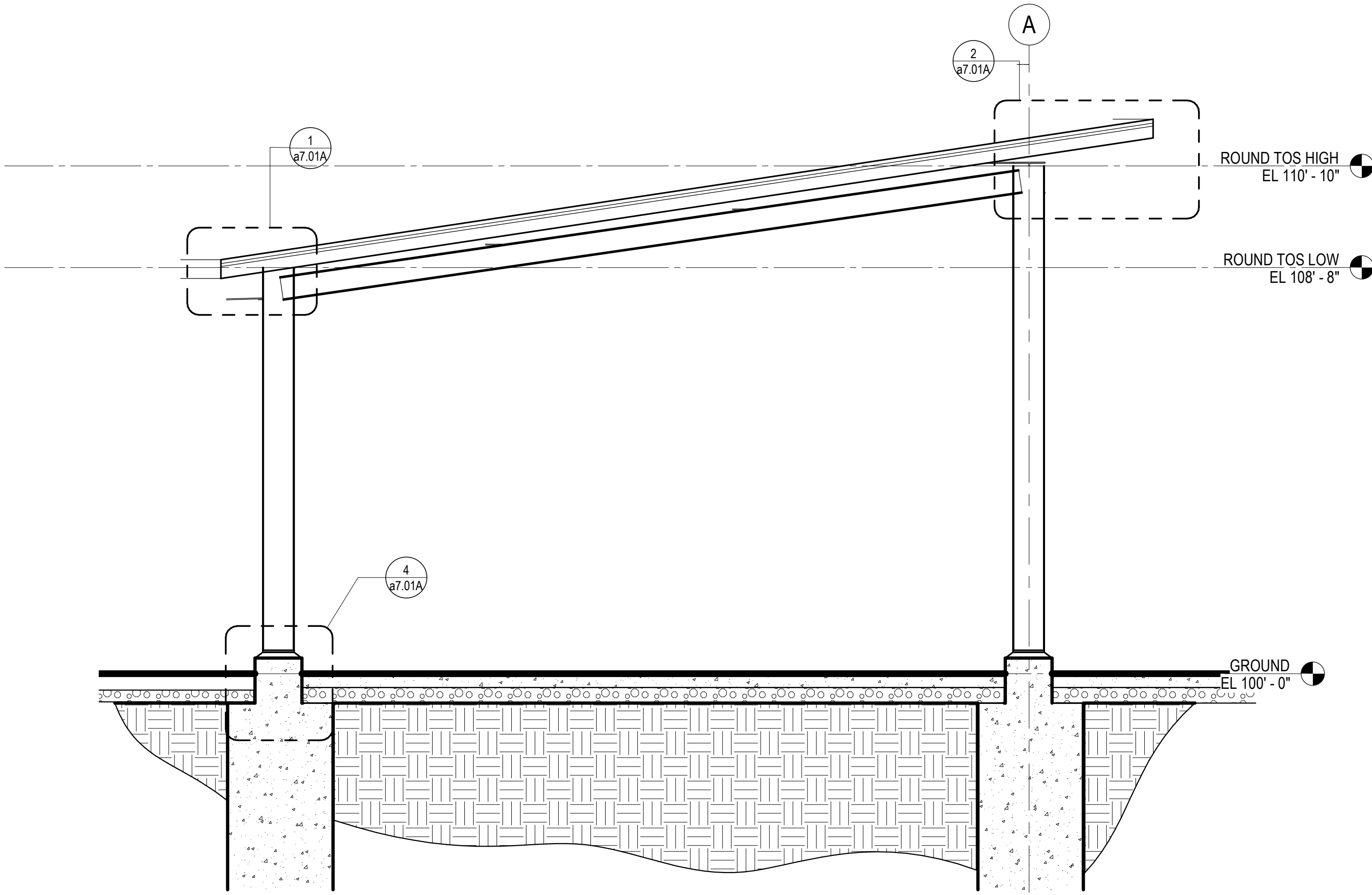


5 BENCH SHELTER ELEVATION - SOUTH INTERIOR
1/4" = 1'-0"

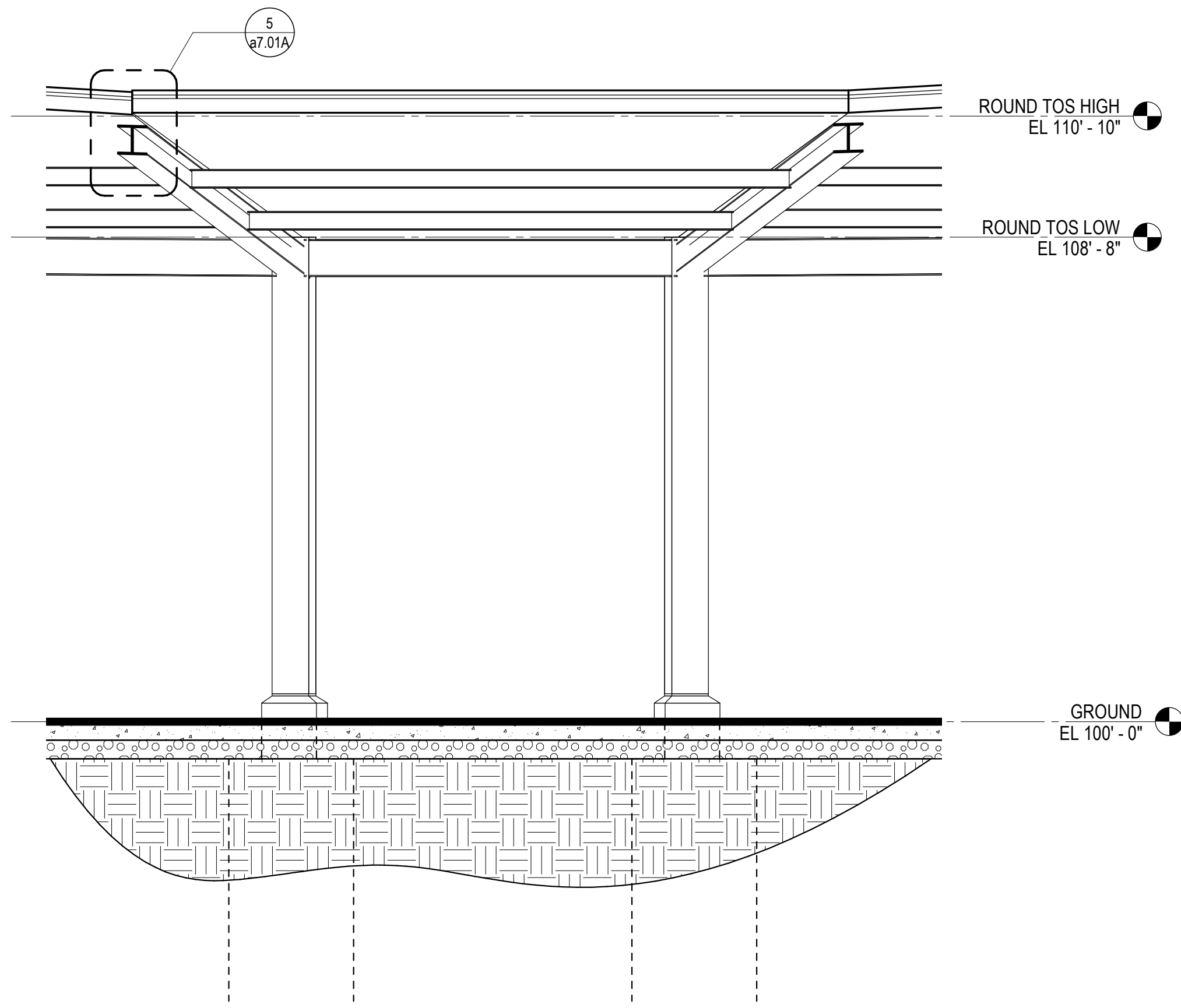


6 BENCH SHELTER ELEVATION - NORTH INTERIOR
1/4" = 1'-0"

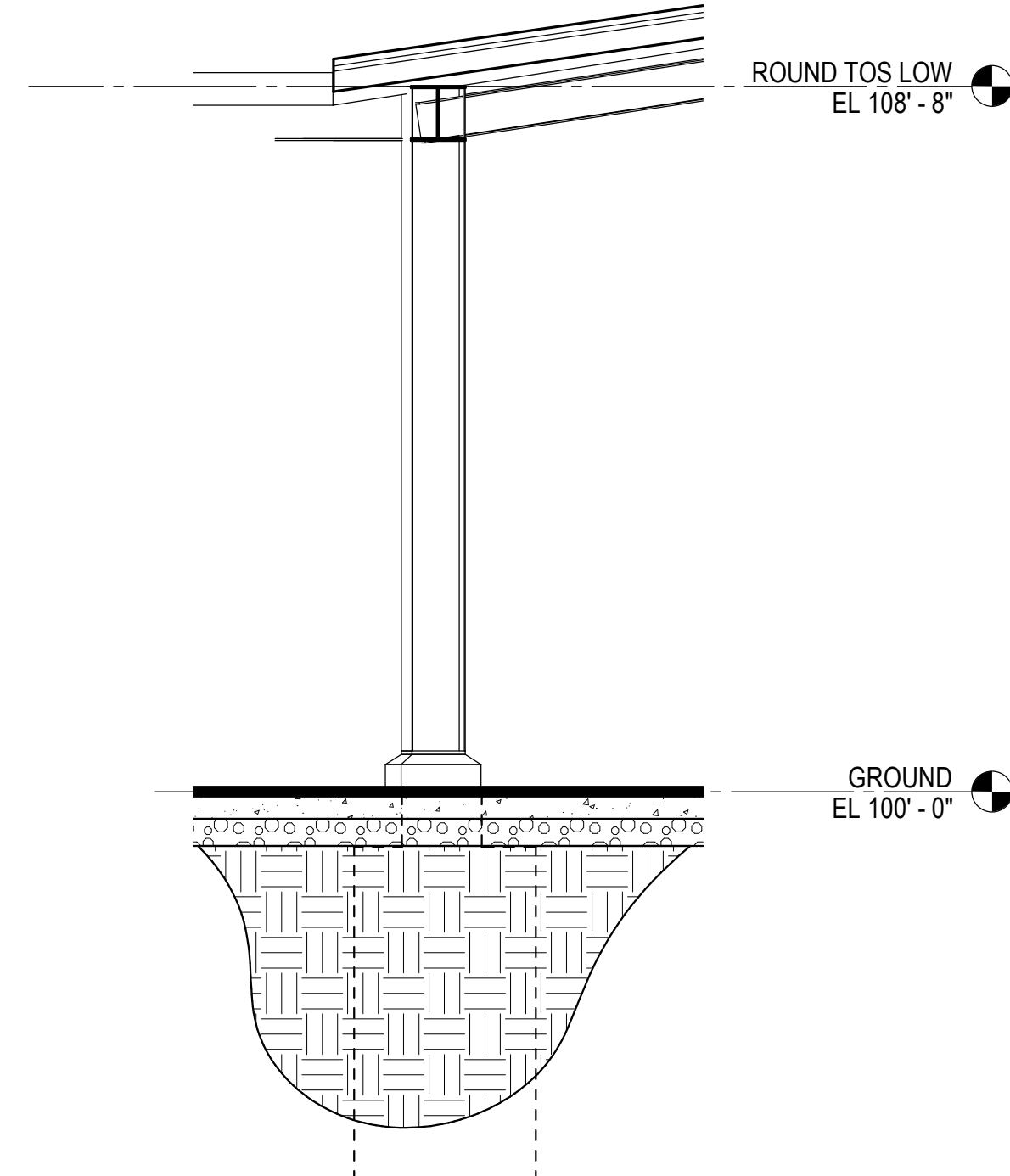
6/20/2023 3:11:38 PM



1 SECTION 2 - ROUNDHOUSE
1/2" = 1'-0"



3 SECTION 1 - ROUNDHOUSE
1/2" = 1'-0"



2 SECTION 3 - ROUNDHOUSE
1/2" = 1'-0"



WSB PROJECT NO.:
020153-000

SCALE: AS SHOWN
DESIGNED BY: ALLIANCE
PLAN BY: ALLIANCE
CHECKED BY: ALLIANCE

REVISIONS	
NO.	DESCRIPTION

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

Kenneth A. Sheehan
KENNETH SHEEHAN
DATE: 06/27/2022 LIC NO: 43965

HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

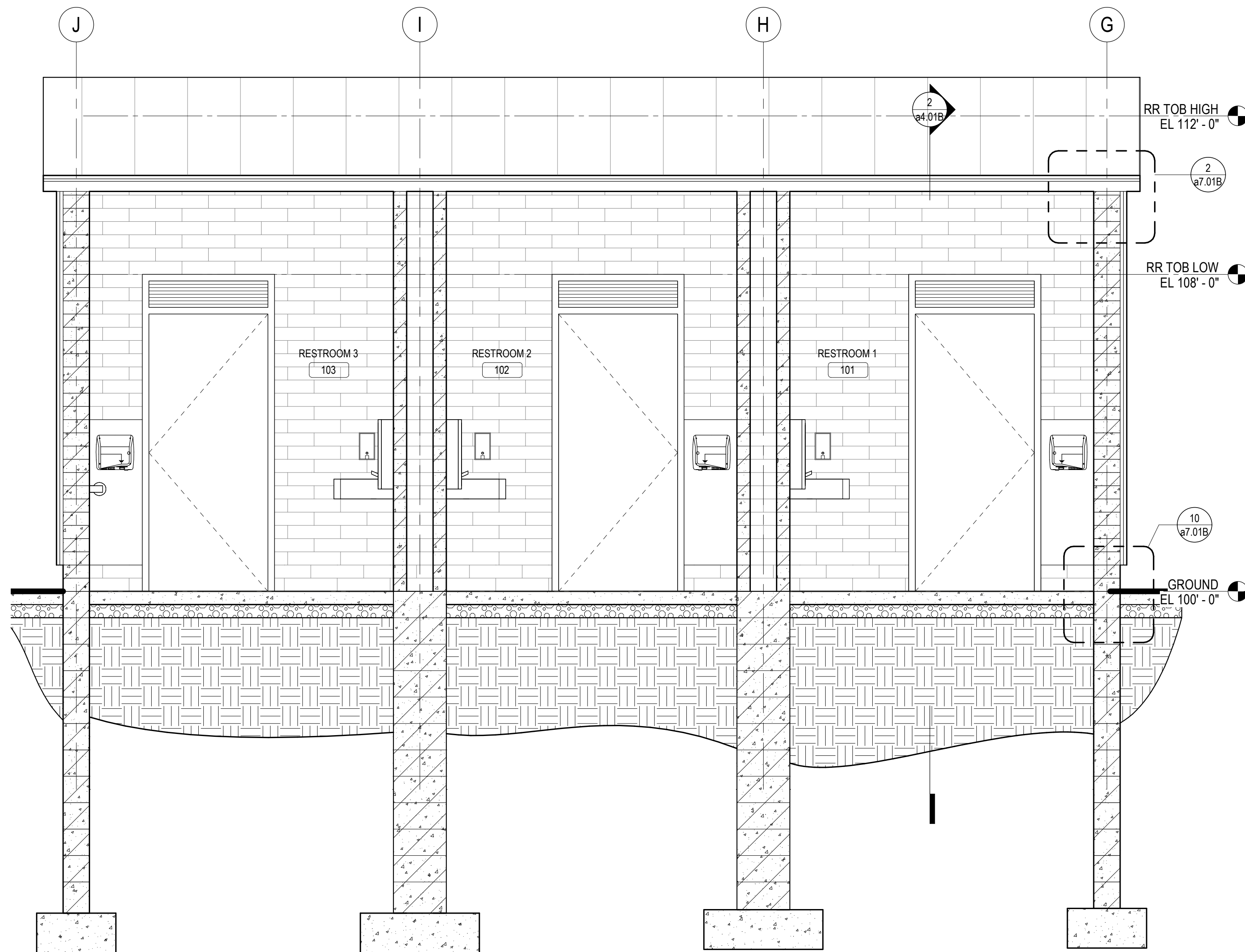
BUILDING
SECTIONS -
ROUNDHOUSE

ALLIANCE

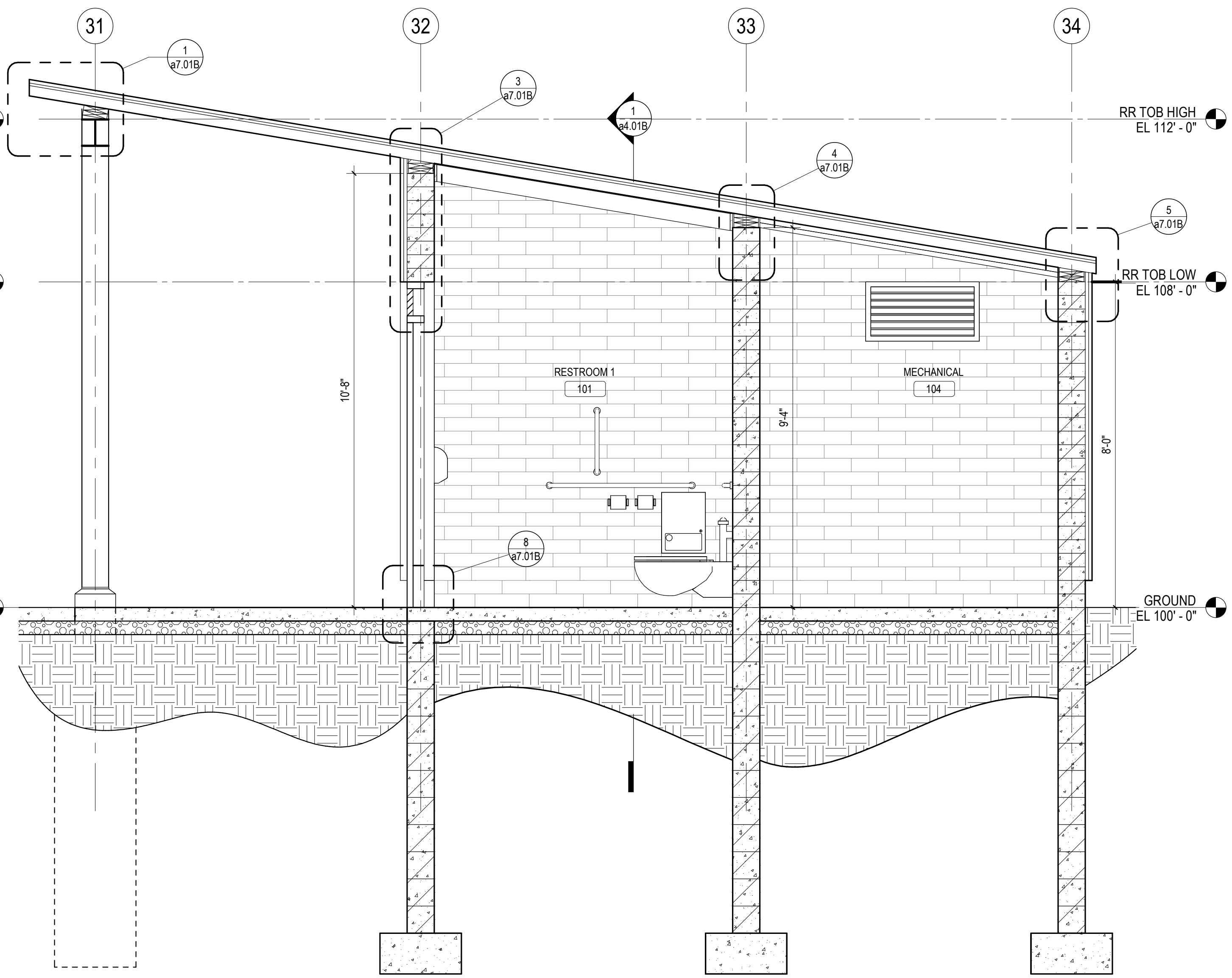
Alliance
400 Clifton Avenue
Minneapolis, MN 55403

C.P. SHEET
2117 a4.01A

6/20/2023 3:11:27 PM



1 SECTION 1 - RESTROOMS
1/2" = 1'-0"



2 SECTION 2 - RESTROOMS
1/2" = 1'-0"



WSB PROJECT NO.:
020153-000

SCALE: AS SHOWN
DESIGNED BY: ALLIANCE
PLAN BY: ALLIANCE
CHECKED BY: ALLIANCE

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Kenneth A. Sheehan
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HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

BUILDING
SECTIONS -
RESTROOMS

ALLIANCE

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400 Clifton Avenue
Minneapolis, MN 55403

C.P. SHEET
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HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

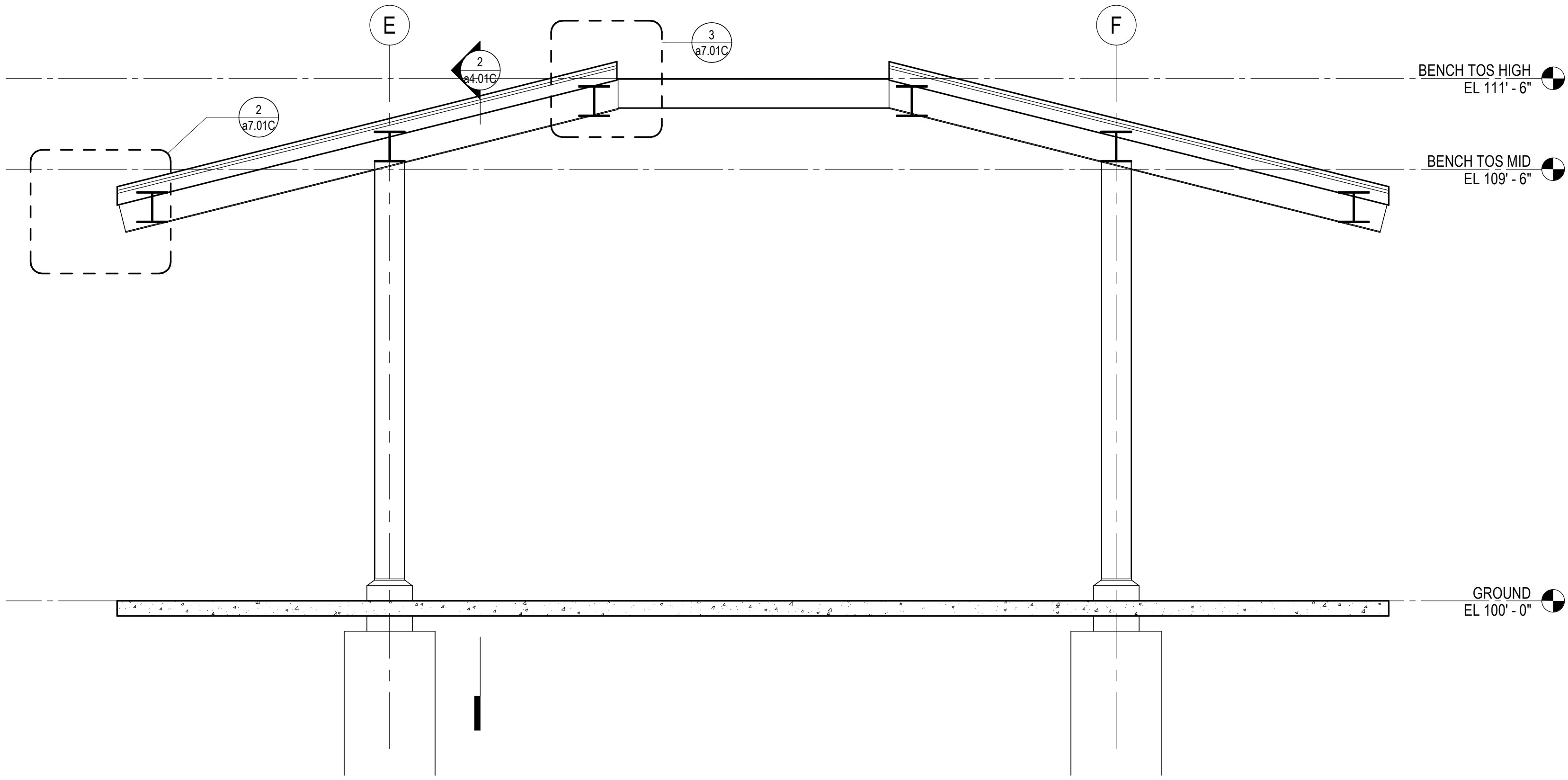
BUILDING
SECTIONS -
BENCH
SHELTER

ALLIANCE

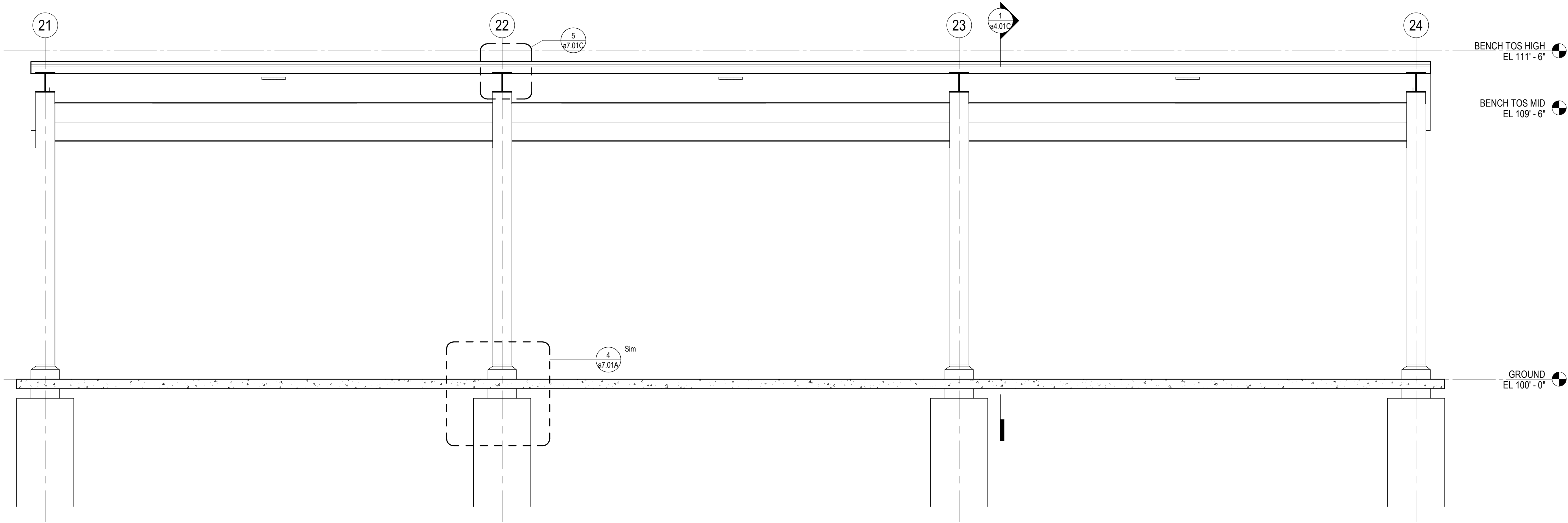
Alliance
400 Clifton Avenue
Minneapolis, MN 55403

C.P. SHEET

2117 a4.01C



1 SECTION 1 - BENCH SHELTER
1/2" = 1'-0"



2 SECTION 2 - BENCH SHELTER
1/2" = 1'-0"

REVISIONS	
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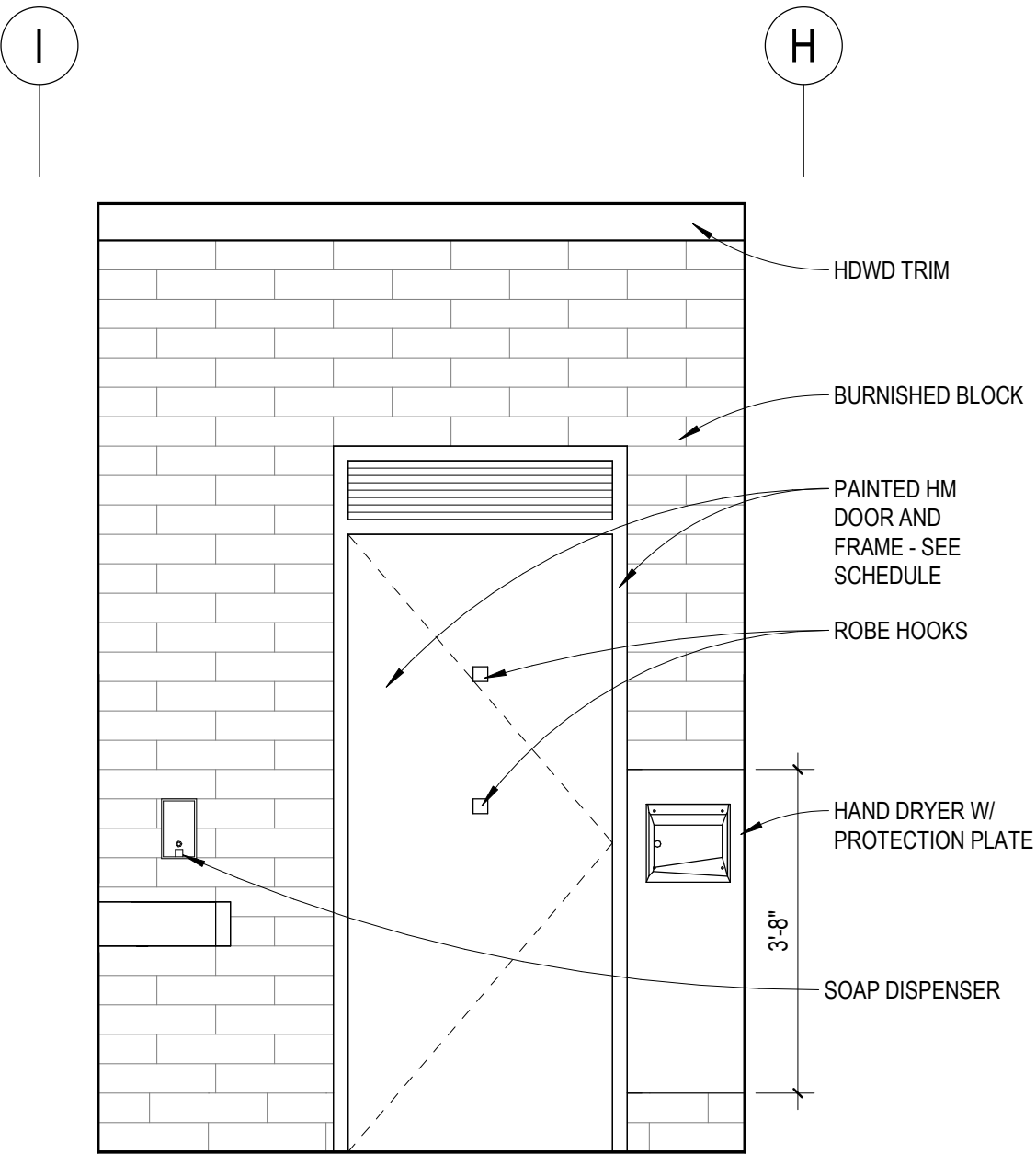
HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

ENLARGED
FLOOR PLANS,
INTERIOR
ELEVATIONS

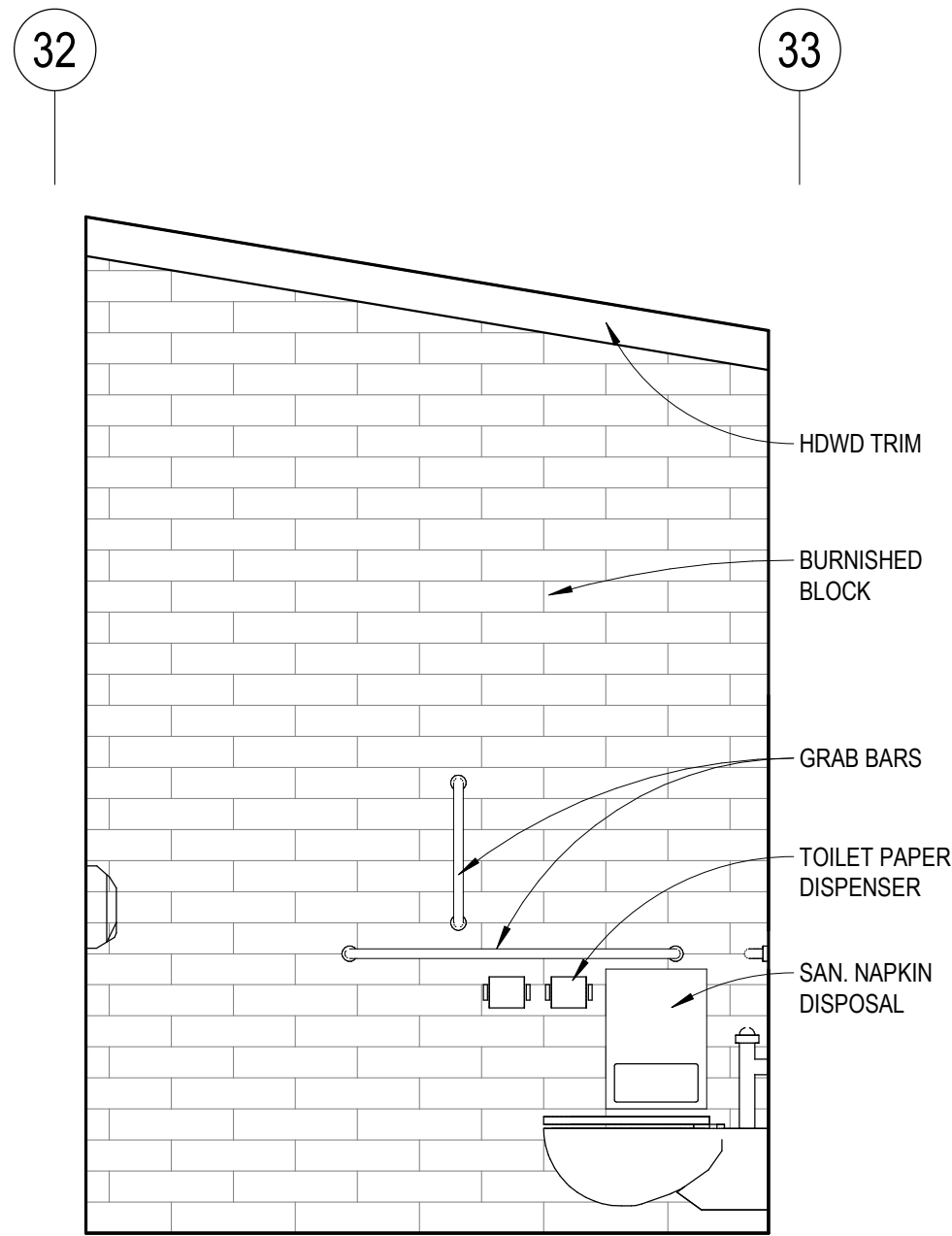
C.P. SHEET
2117 a5.01

ALLIANCE

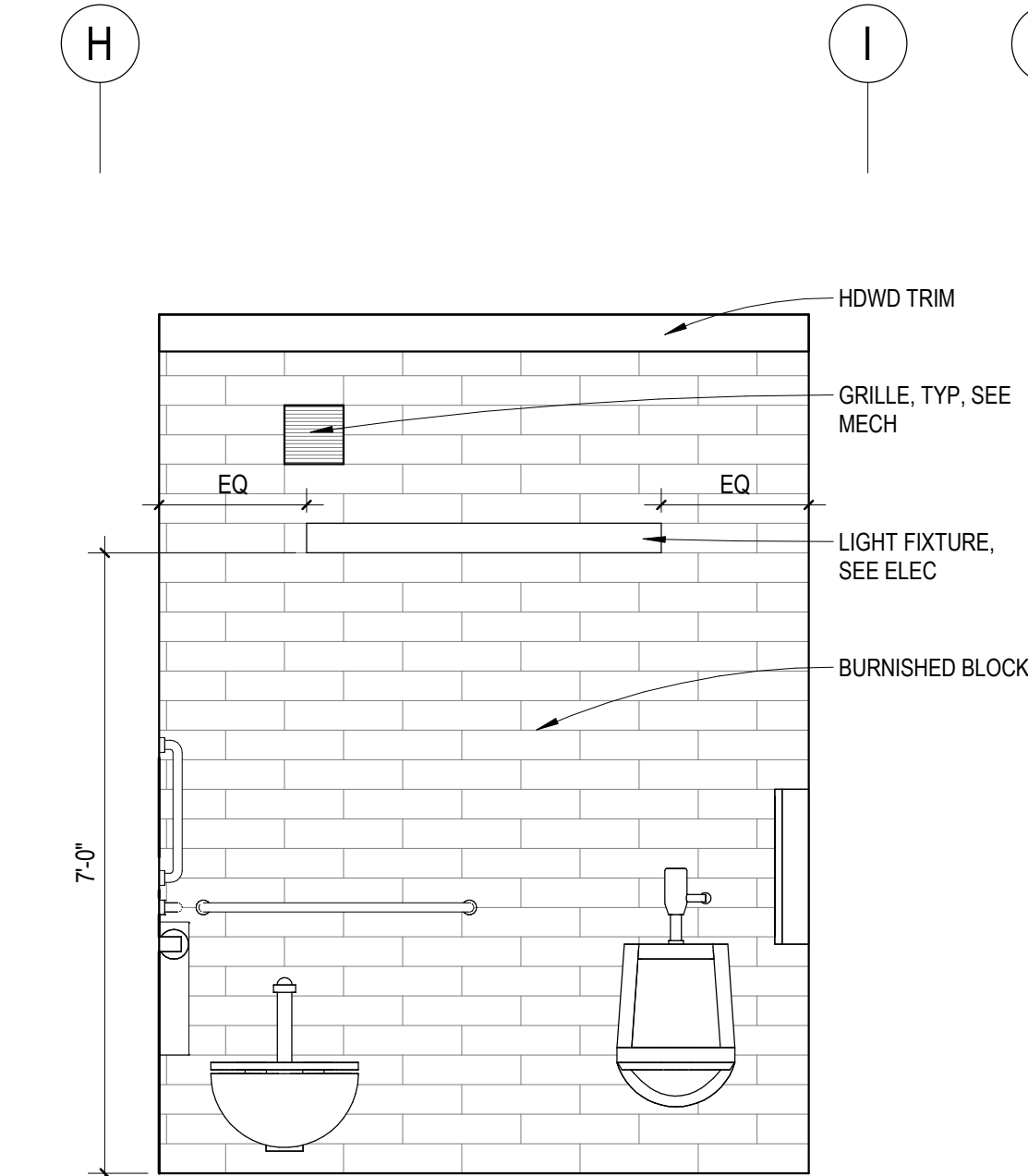
Alliance
400 Clifton Avenue
Minneapolis, MN 55403



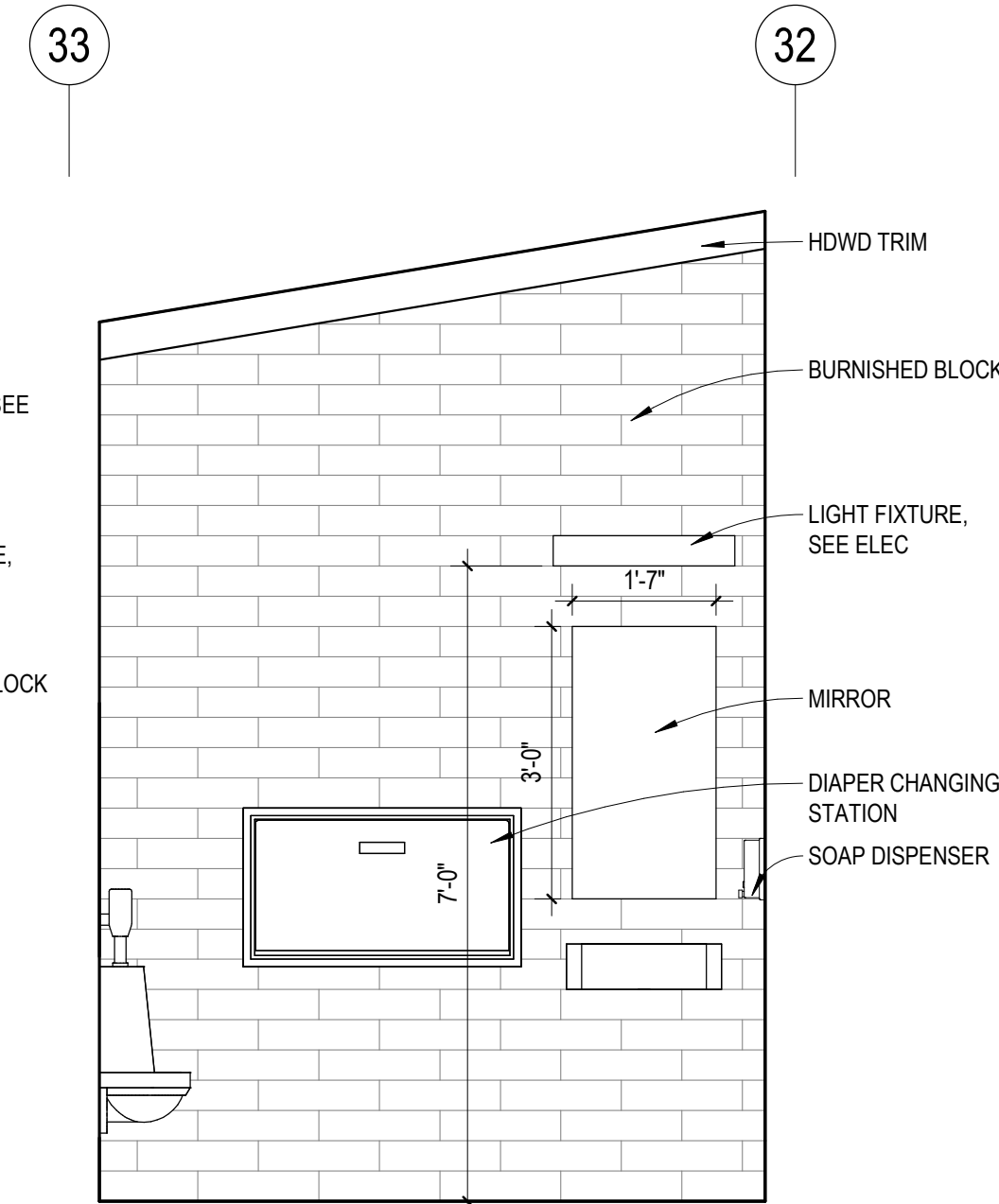
1 INTERIOR ELEVATION 1 - TYPICAL RESTROOM
1/2" = 1'-0"



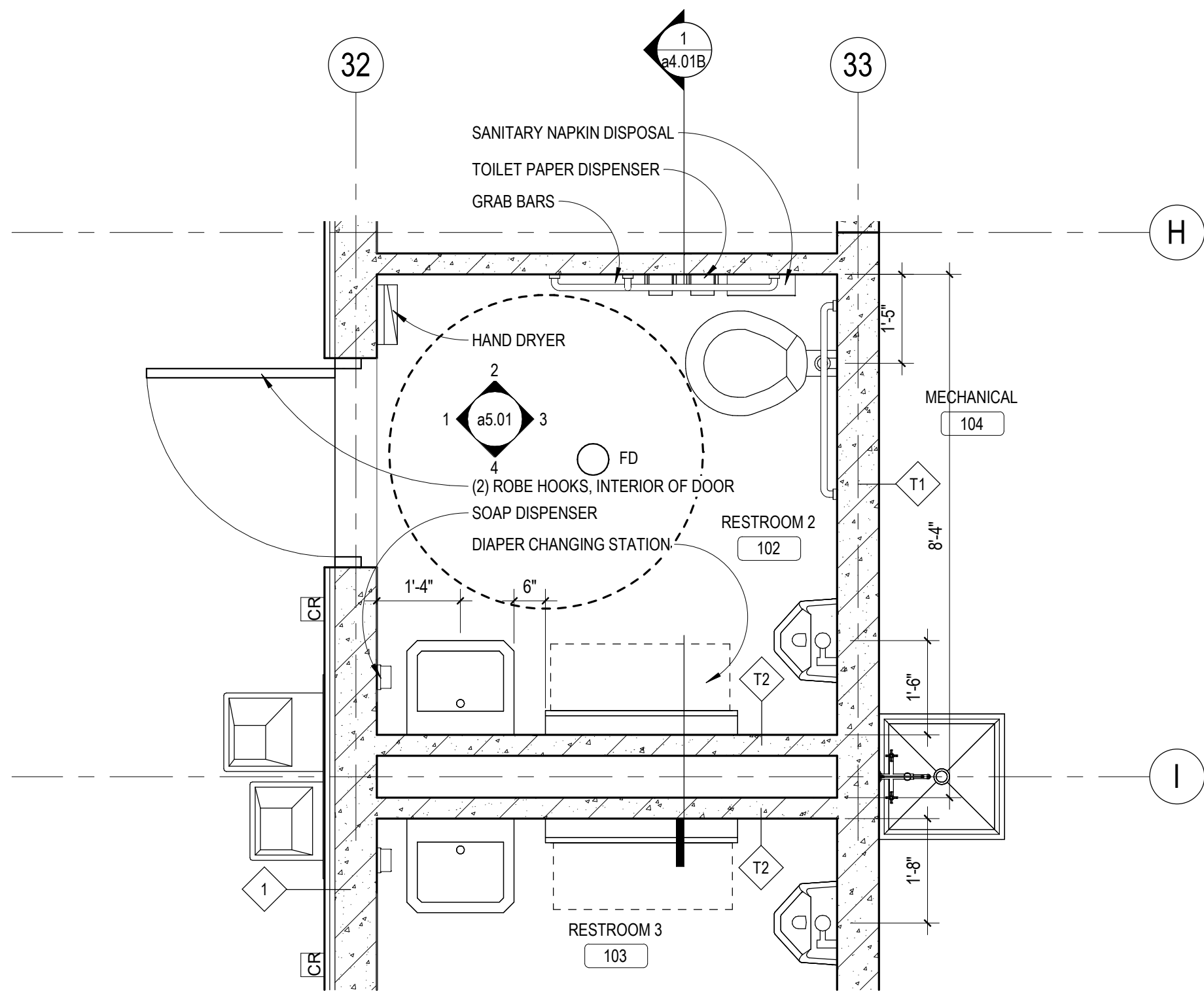
2 INTERIOR ELEVATION 2 - TYPICAL RESTROOM
1/2" = 1'-0"



3 INTERIOR ELEVATION 3 - TYPICAL RESTROOM
1/2" = 1'-0"



4 INTERIOR ELEVATION 4 - TYPICAL RESTROOM
1/2" = 1'-0"



5 ENLARGED PLAN - TYPICAL RESTROOM
1/2" = 1'-0"

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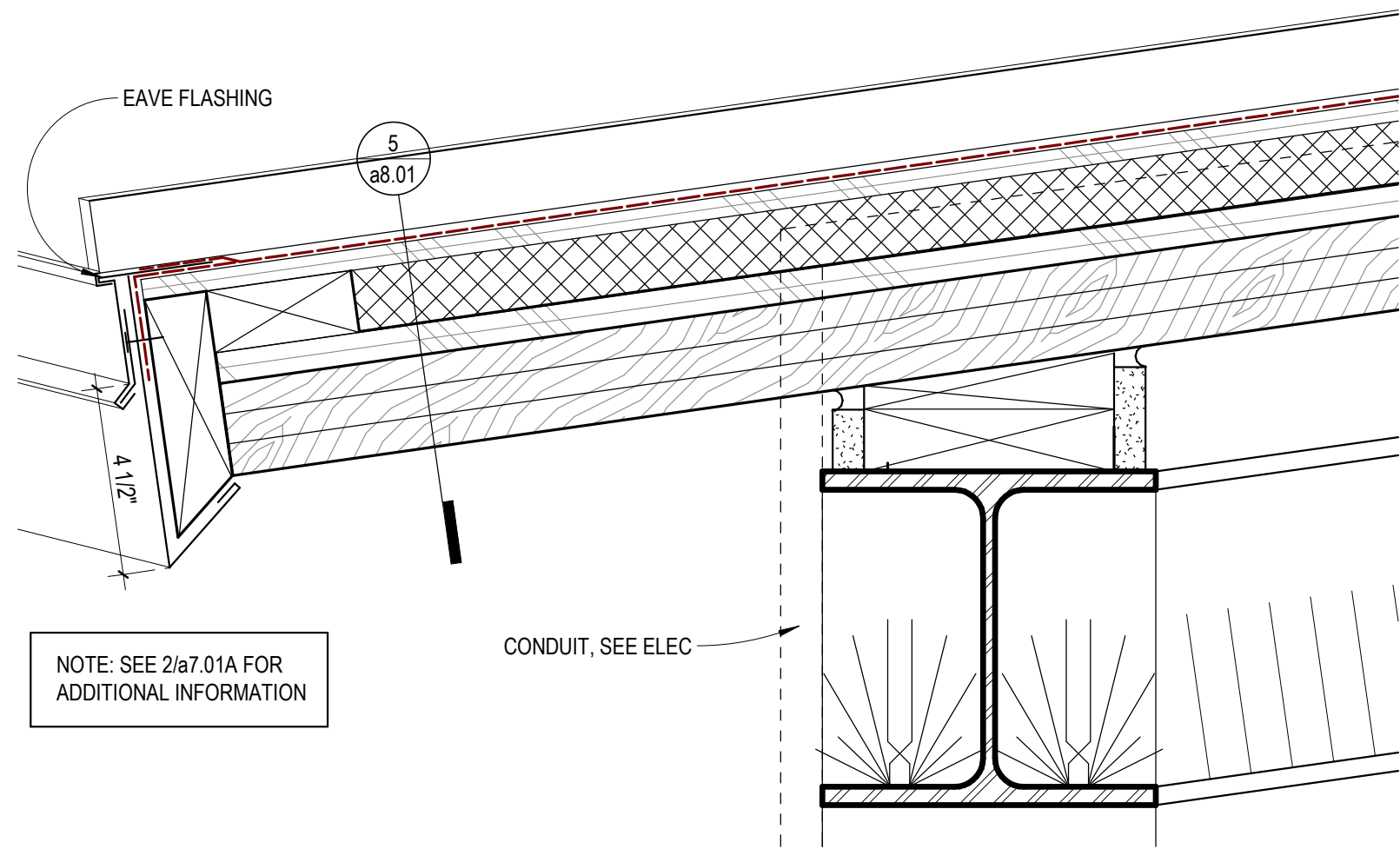
HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

EXTERIOR
DETAILS

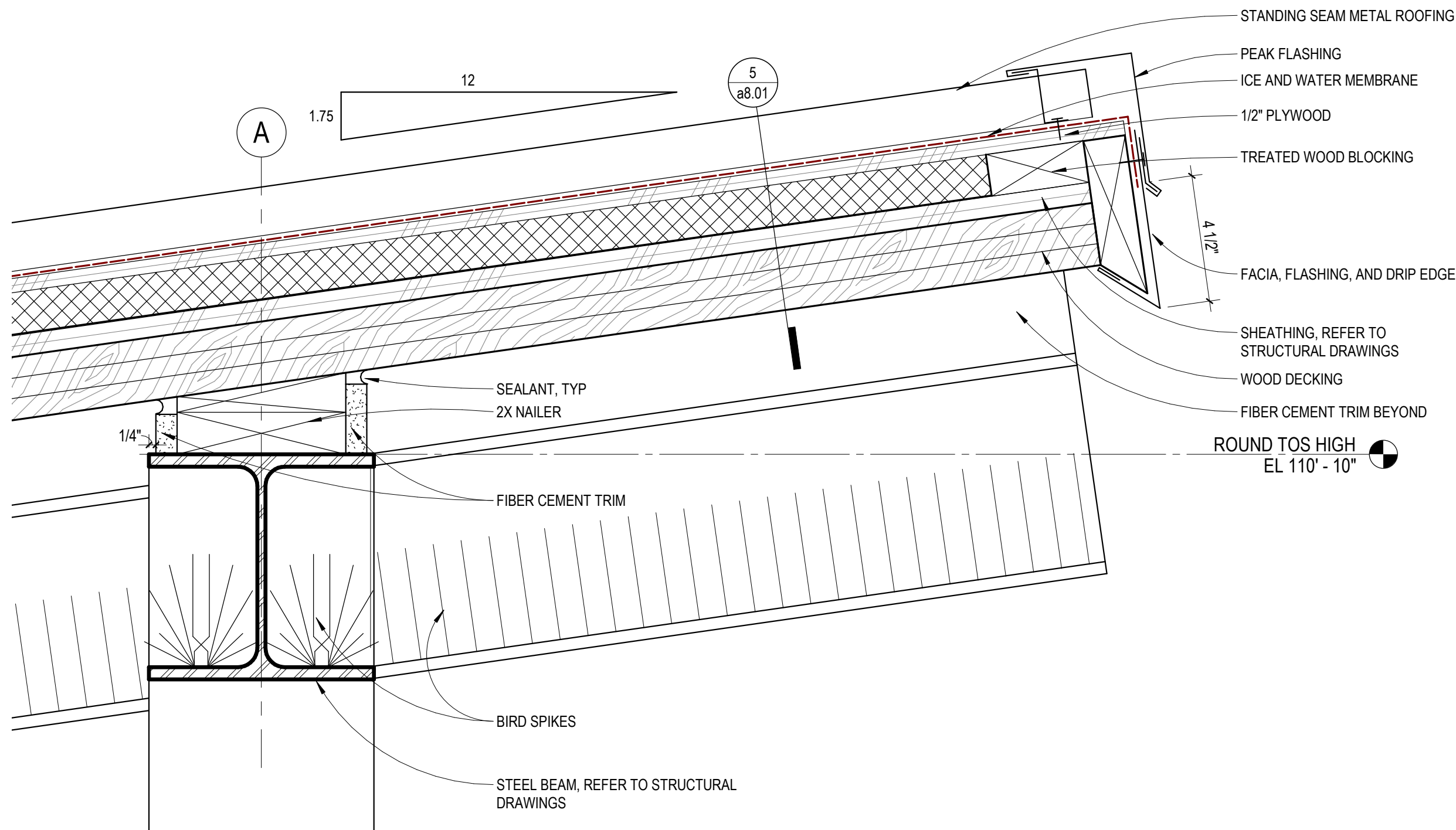
C.P. SHEET
2117 a7.01A

ALLIANCE

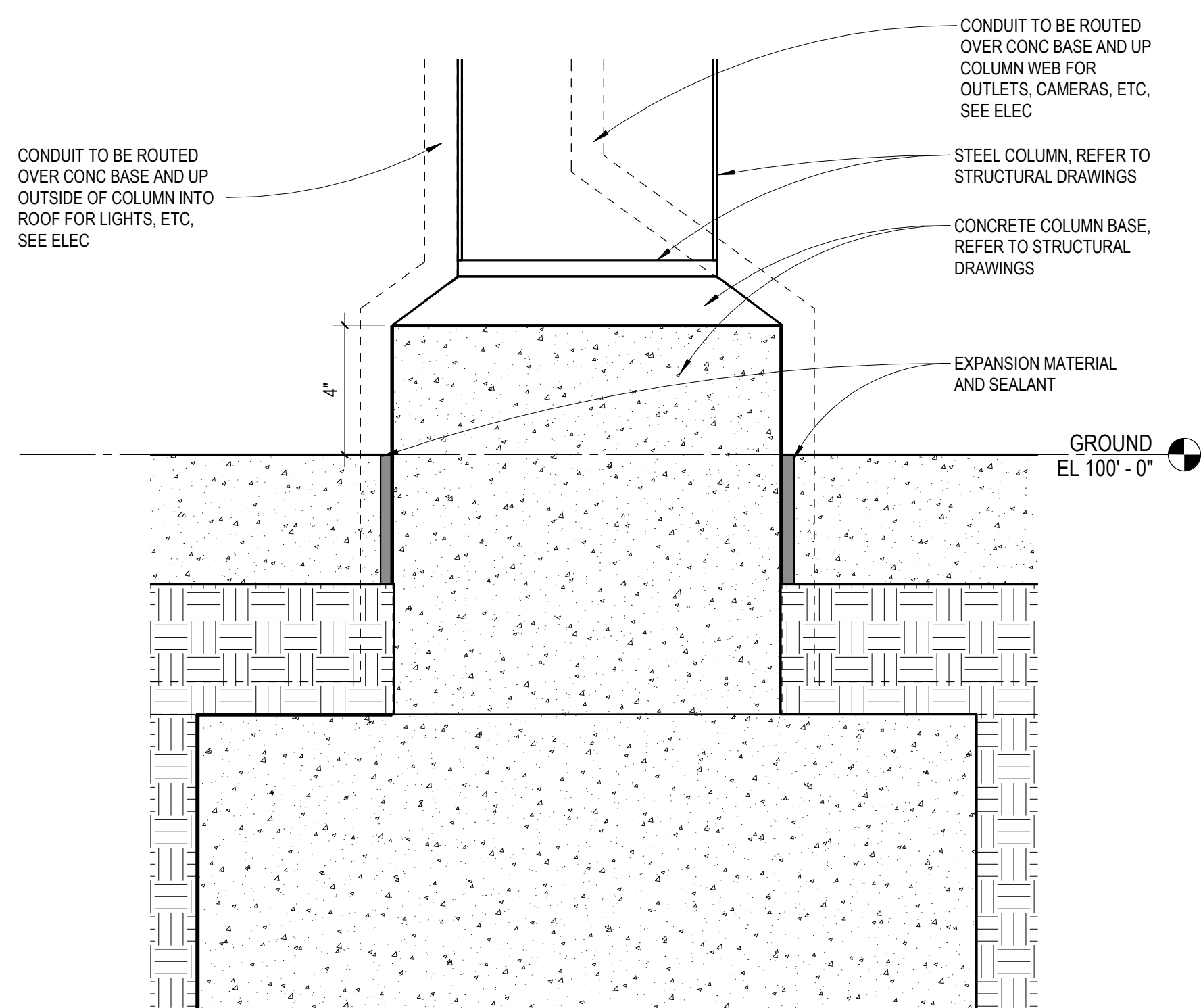
Alliance
400 Clifton Avenue
Minneapolis, MN 55403



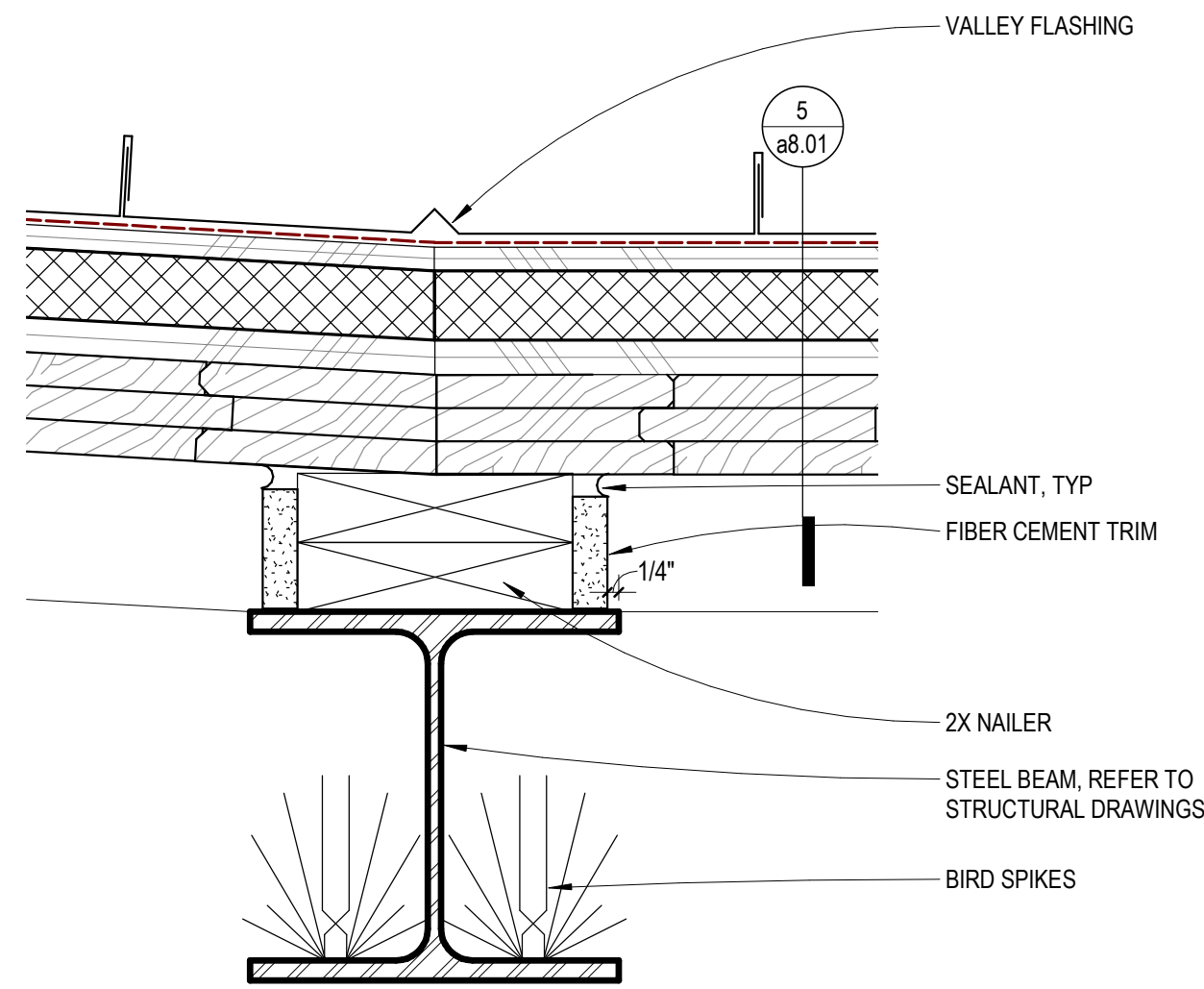
1 DETAIL - ROUNDHOUSE BOTTOM EDGE
3" = 1'-0"



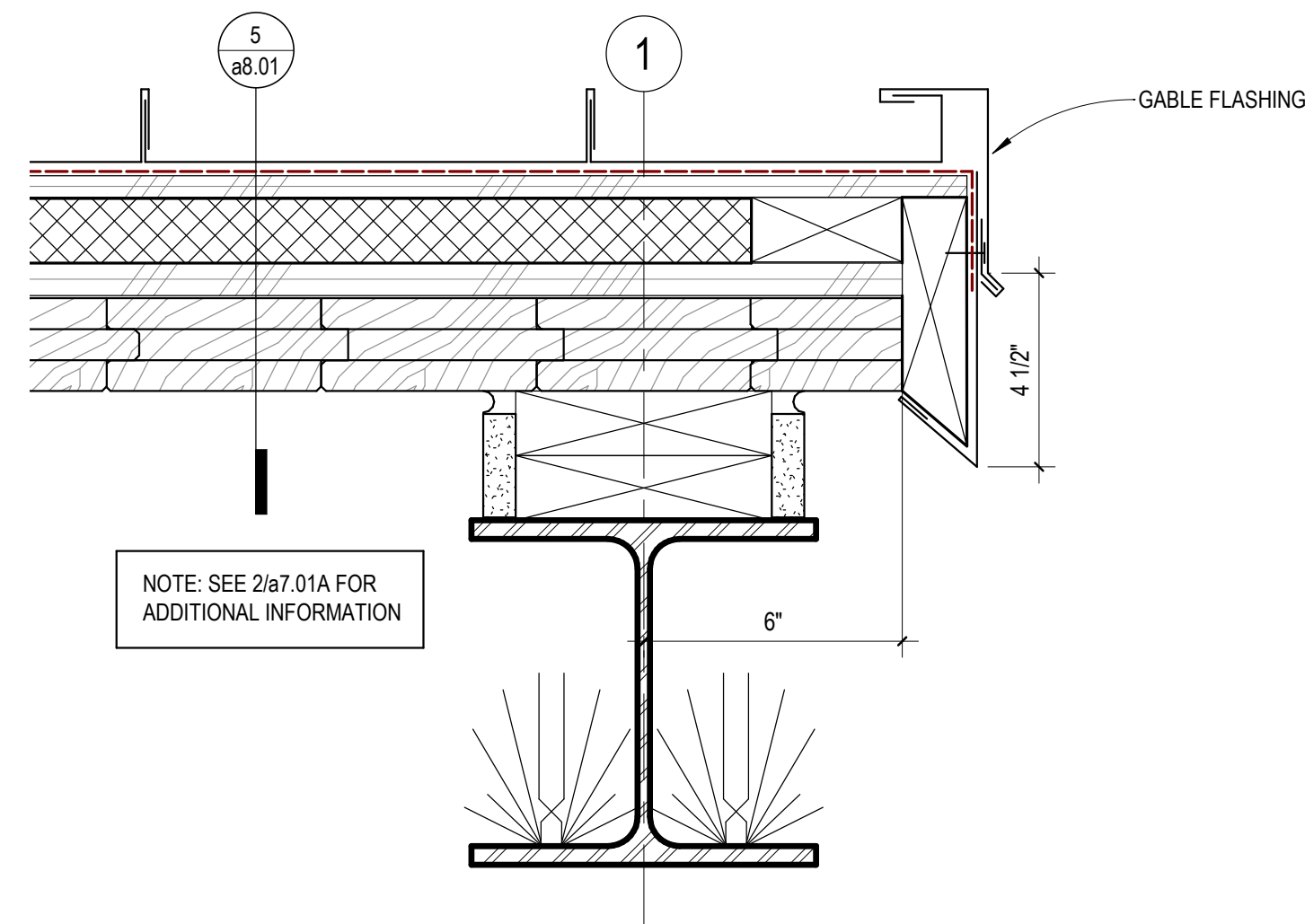
2 DETAIL - ROUNDHOUSE TOP EDGE
3" = 1'-0"



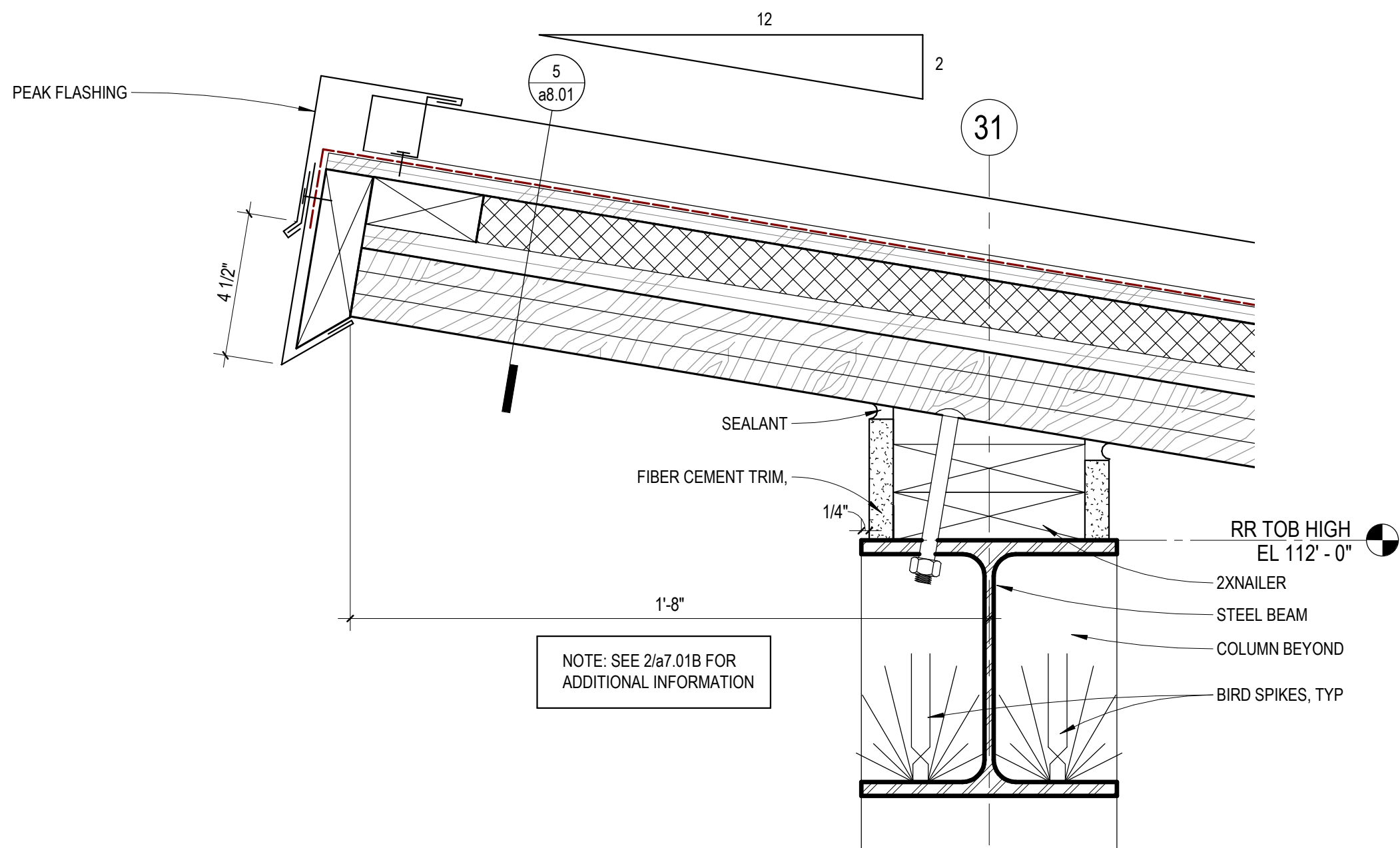
4 DETAIL - COLUMN BASE TYPICAL
3" = 1'-0"



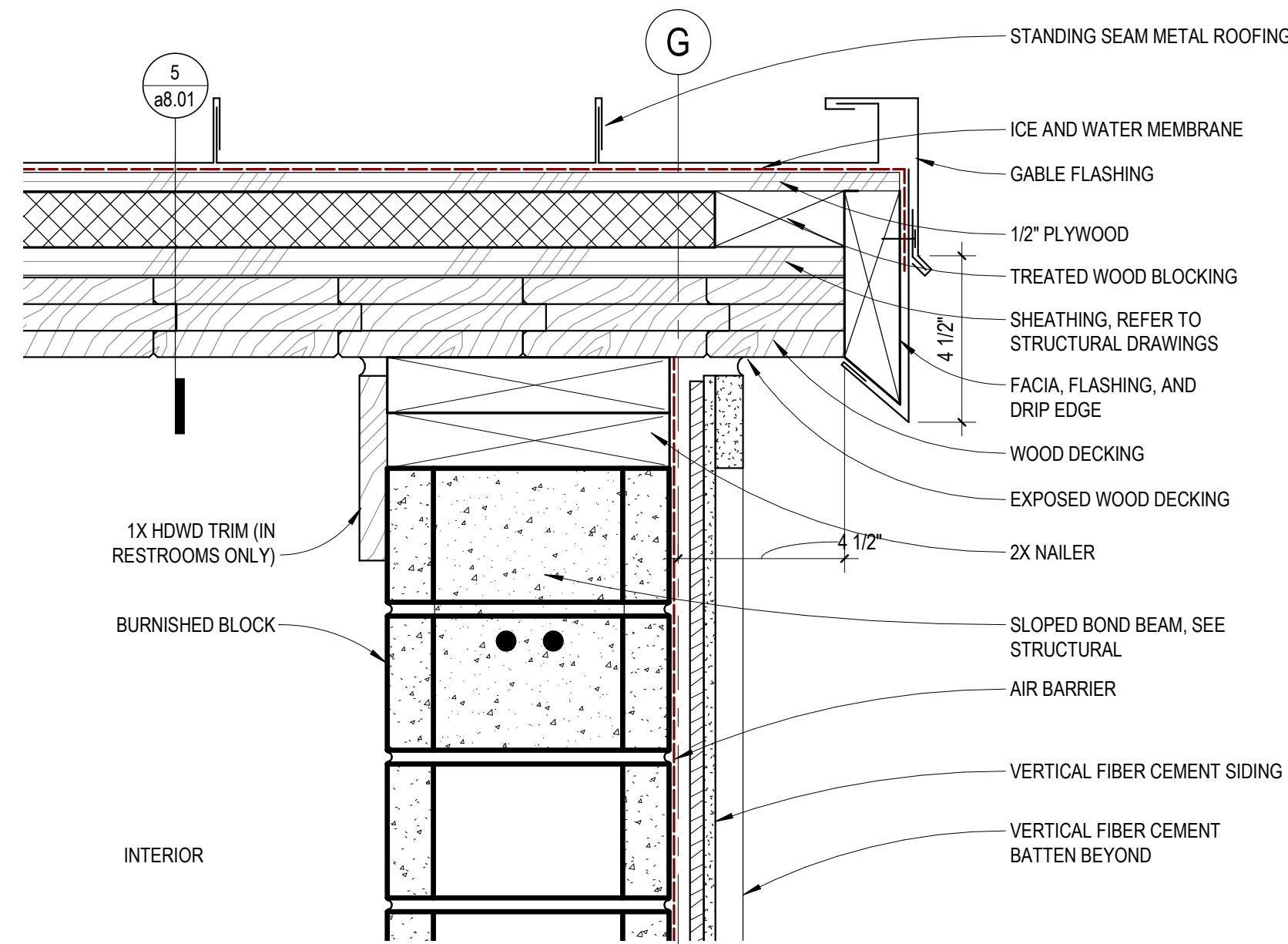
5 DETAIL - ROUNDHOUSE BEAM AND VALLEY
3" = 1'-0"



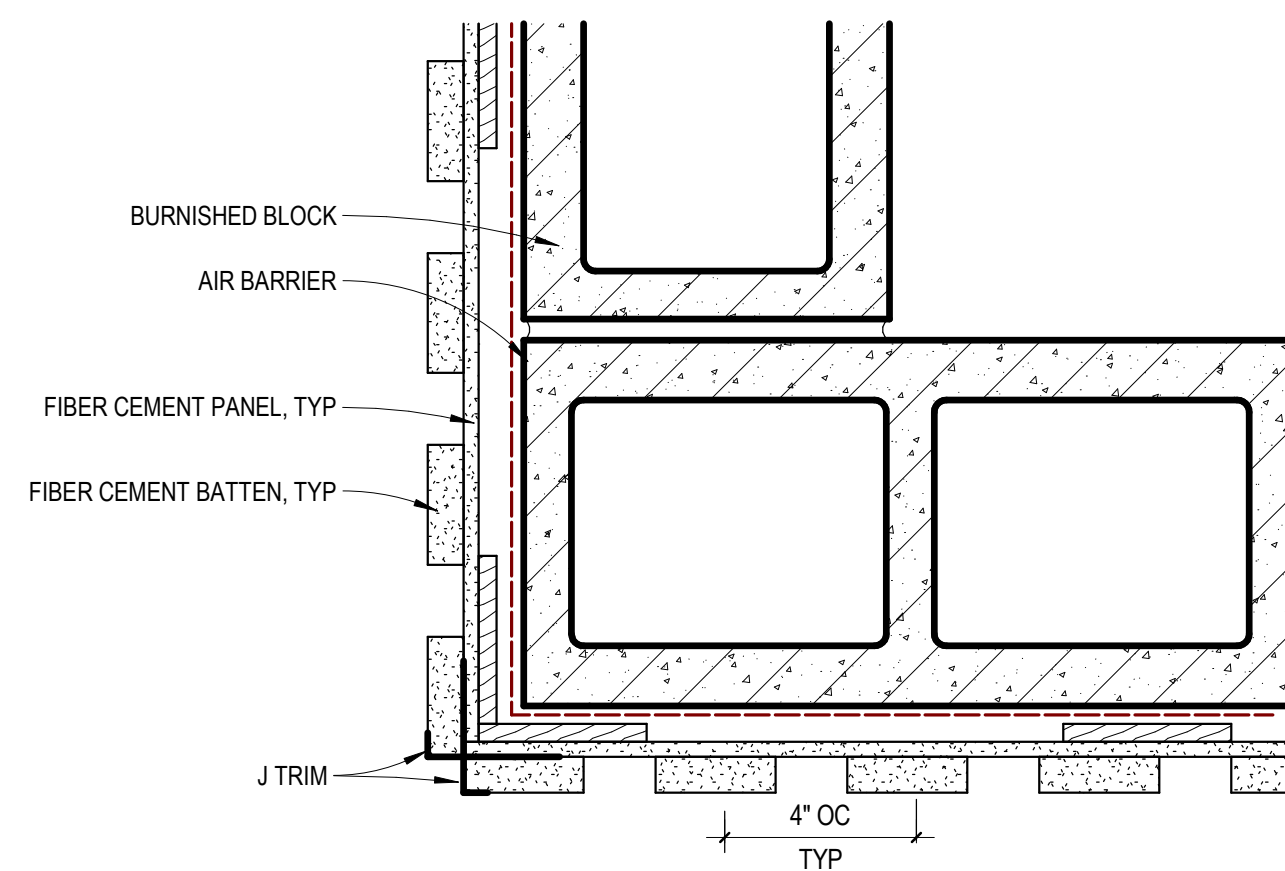
6 DETAIL - ROUNDHOUSE TERMINATION EDGE
3" = 1'-0"



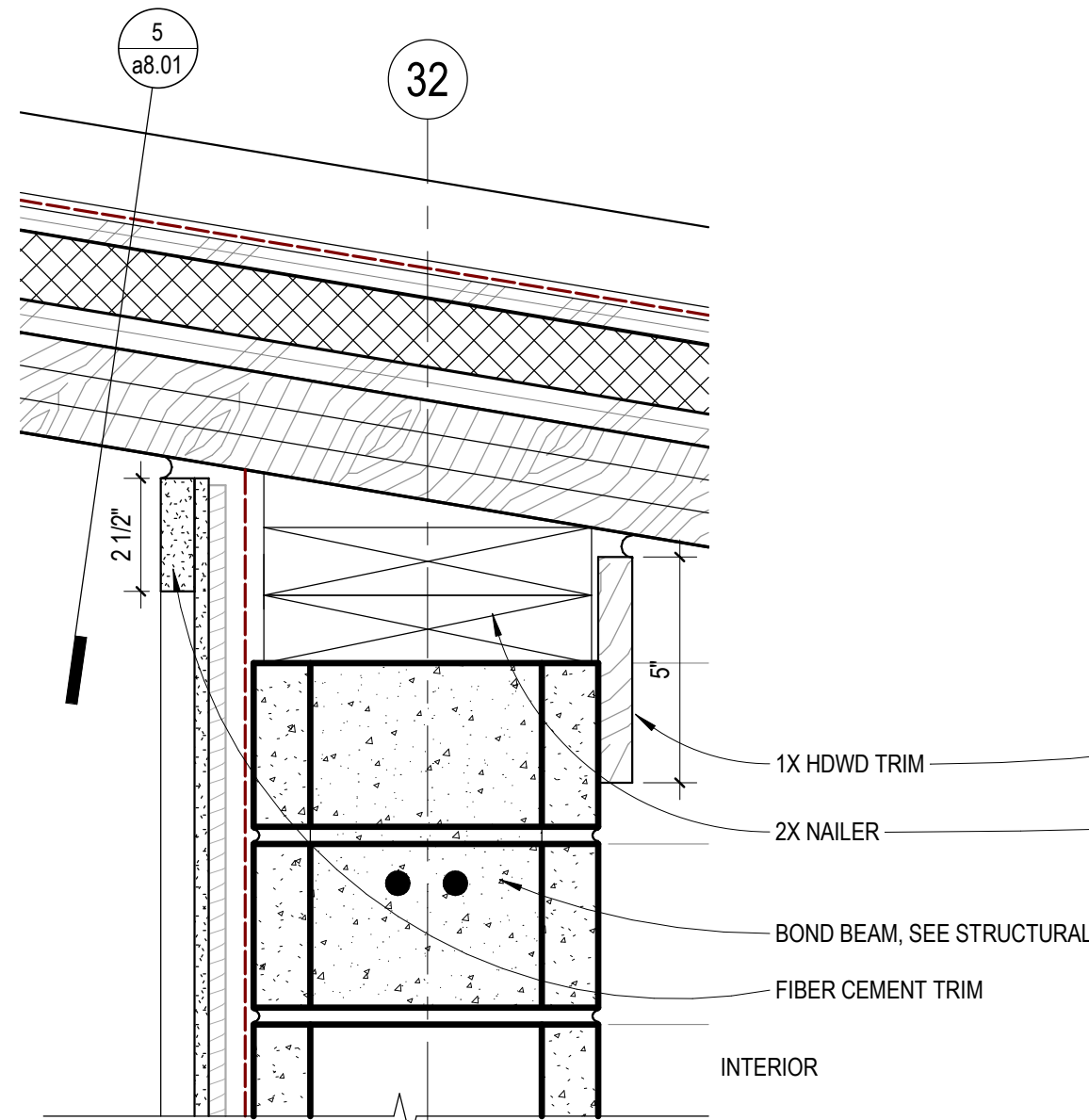
1 DETAIL - RESTROOM AT OVERHANG
3" = 1'-0"



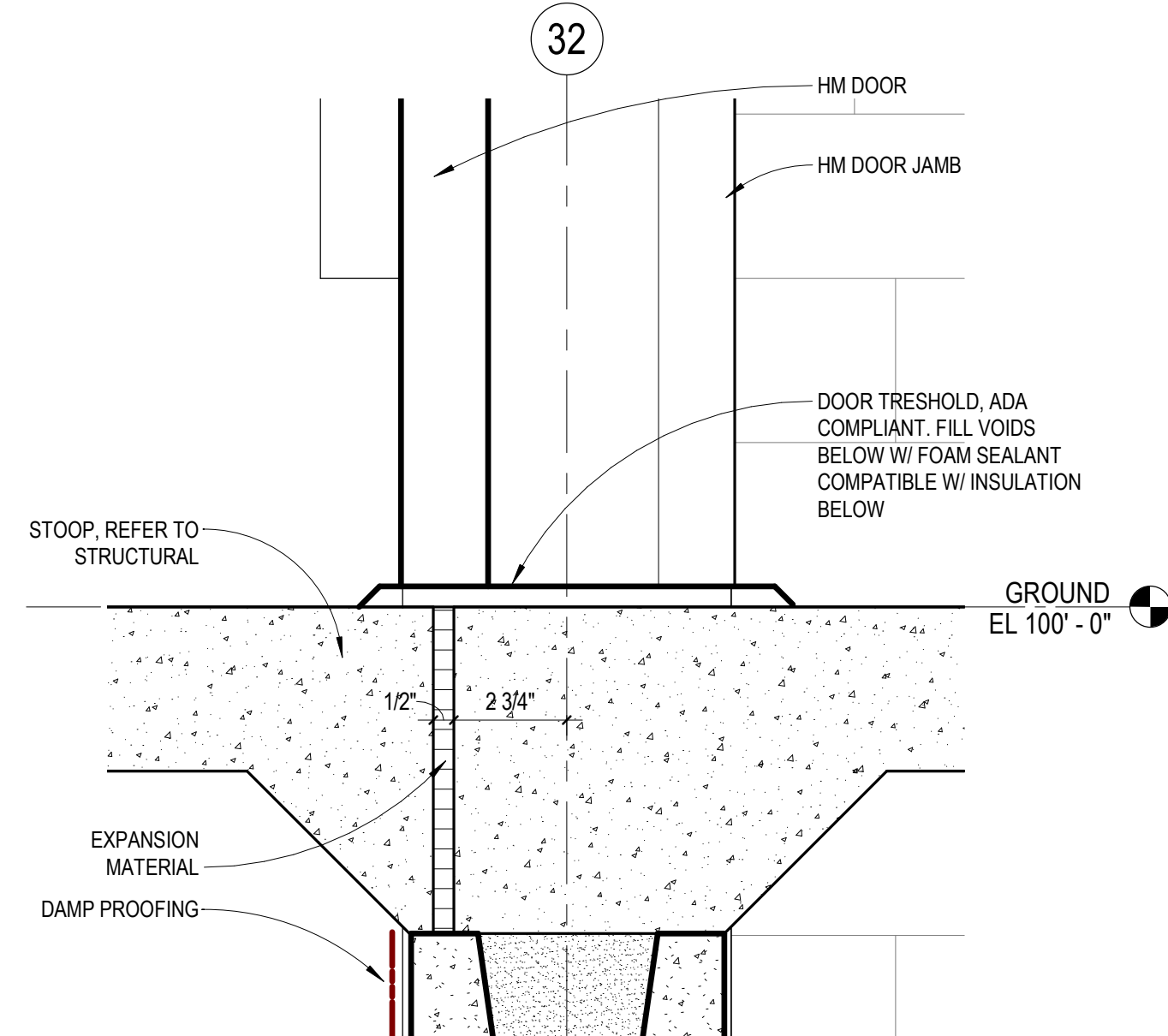
2 DETAIL - RESTROOM AT SIDE ROOF EDGE
3" = 1'-0"



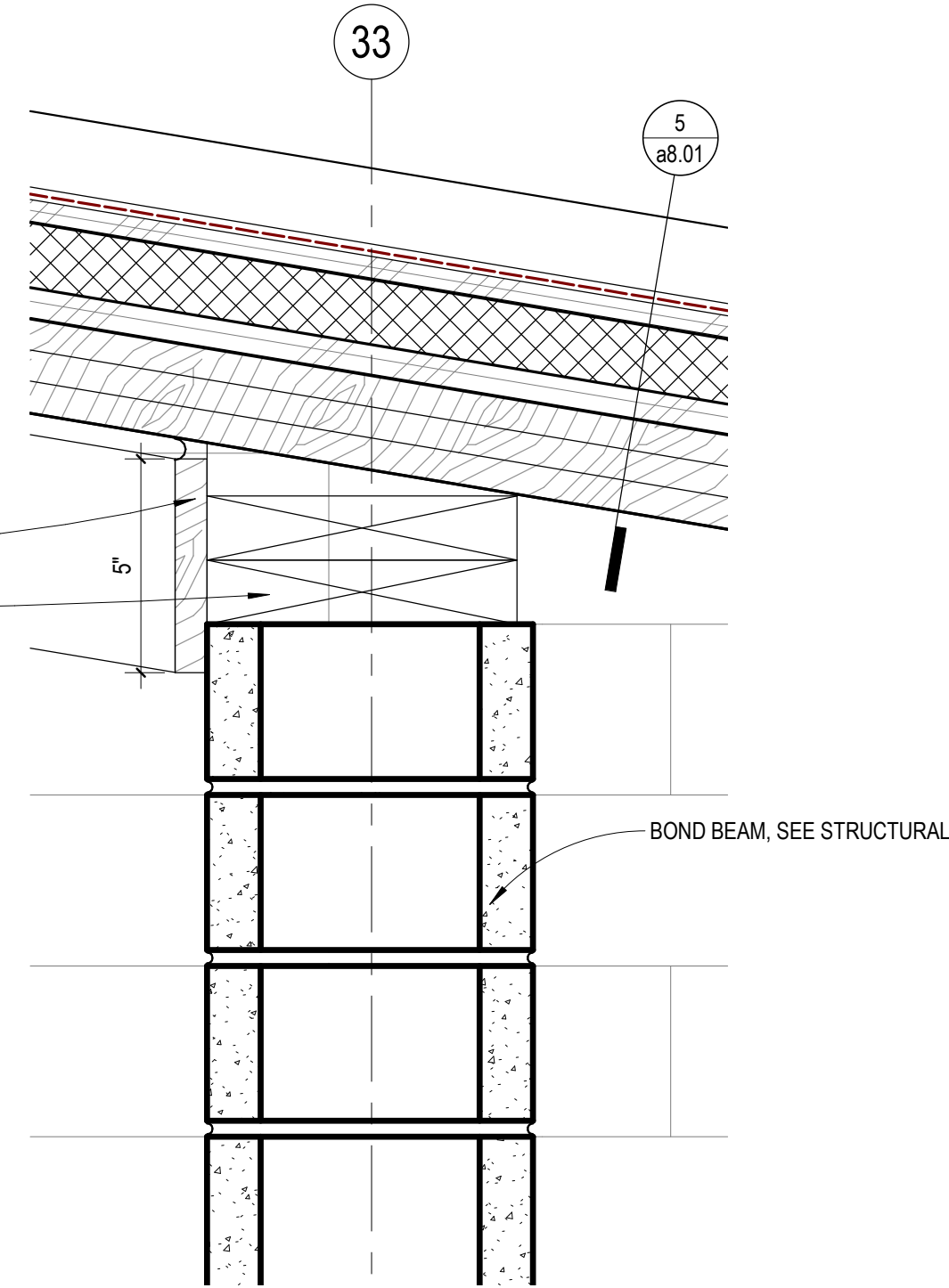
7 DETAIL - RESTROOM BUILDING CORNER
3" = 1'-0"



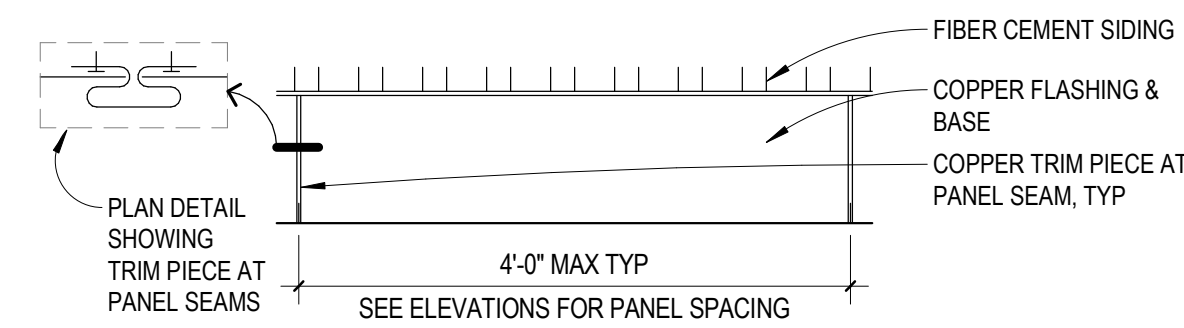
3 DETAIL - RESTROOM AT HEADER
3" = 1'-0"



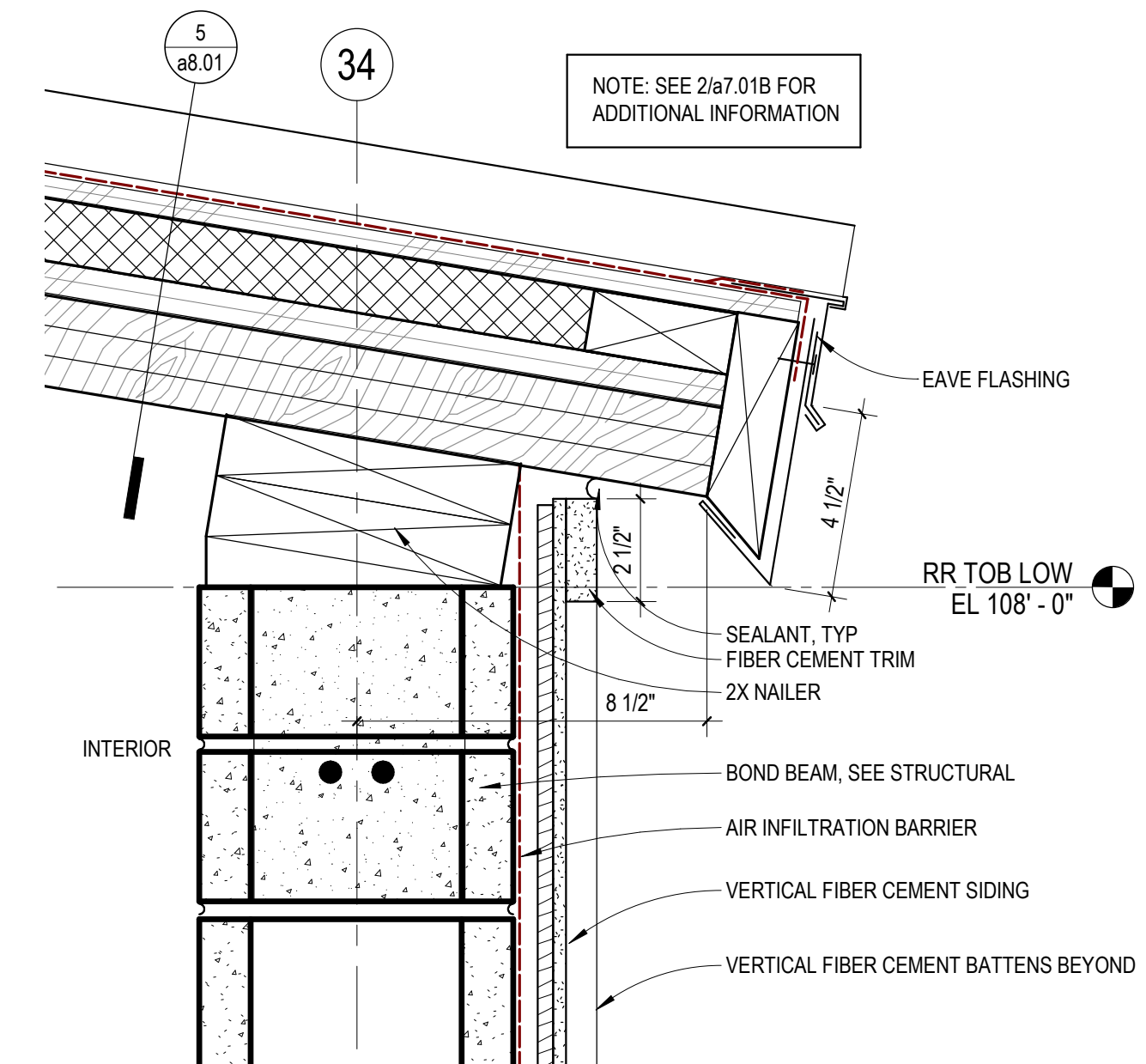
8 DETAIL - RESTROOM DOOR THRESHOLD
3" = 1'-0"



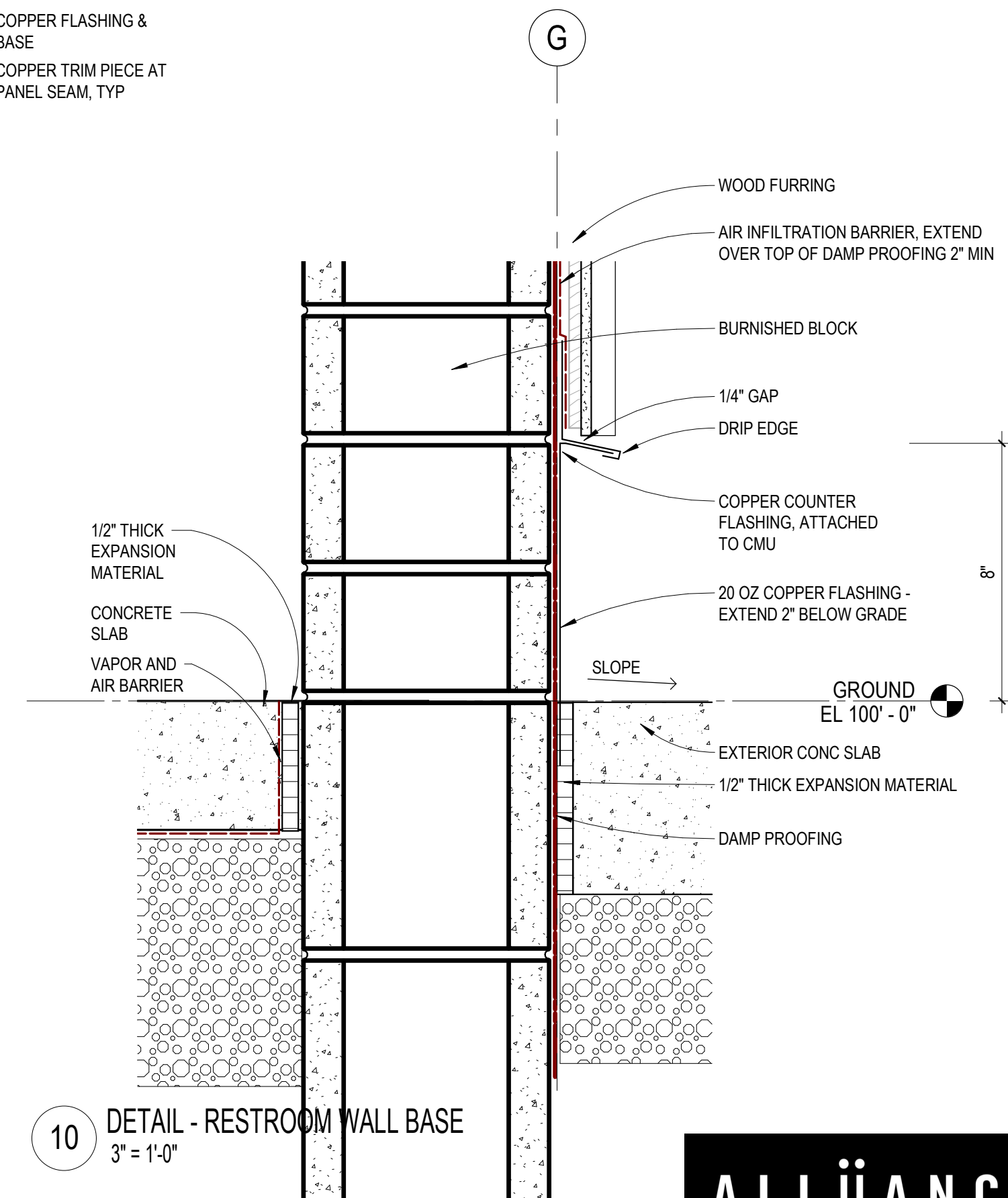
4 DETAIL - RESTROOM AT CMU WALL
3" = 1'-0"



6 COPPER BASE AT EXTERIOR WALL
1" = 1'-0"



5 DETAIL - RESTROOM AT EAST ROOF EDGE
3" = 1'-0"



10 DETAIL - RESTROOM WALL BASE
3" = 1'-0"

REVISIONS

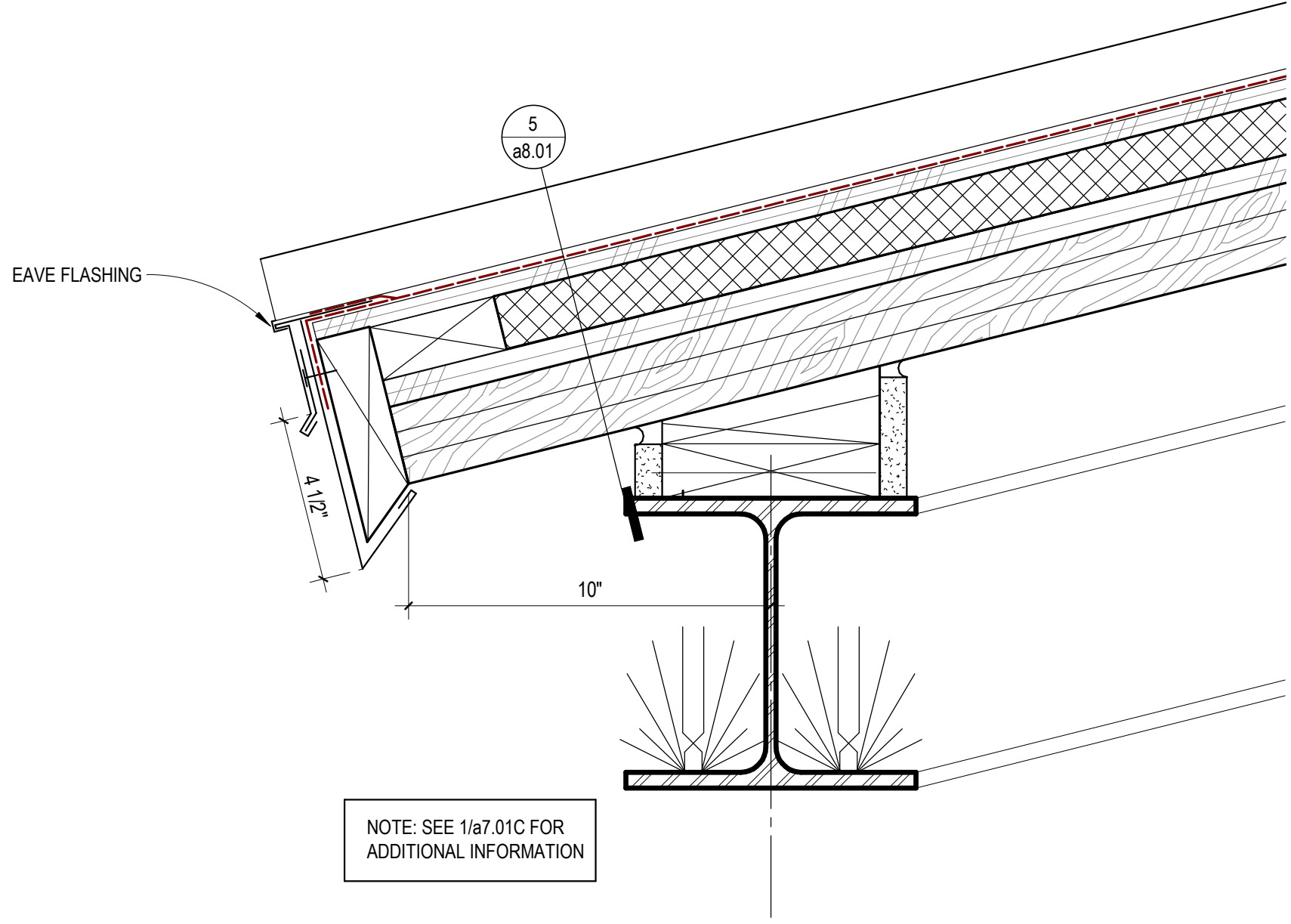
NO.	DATE	DESCRIPTION

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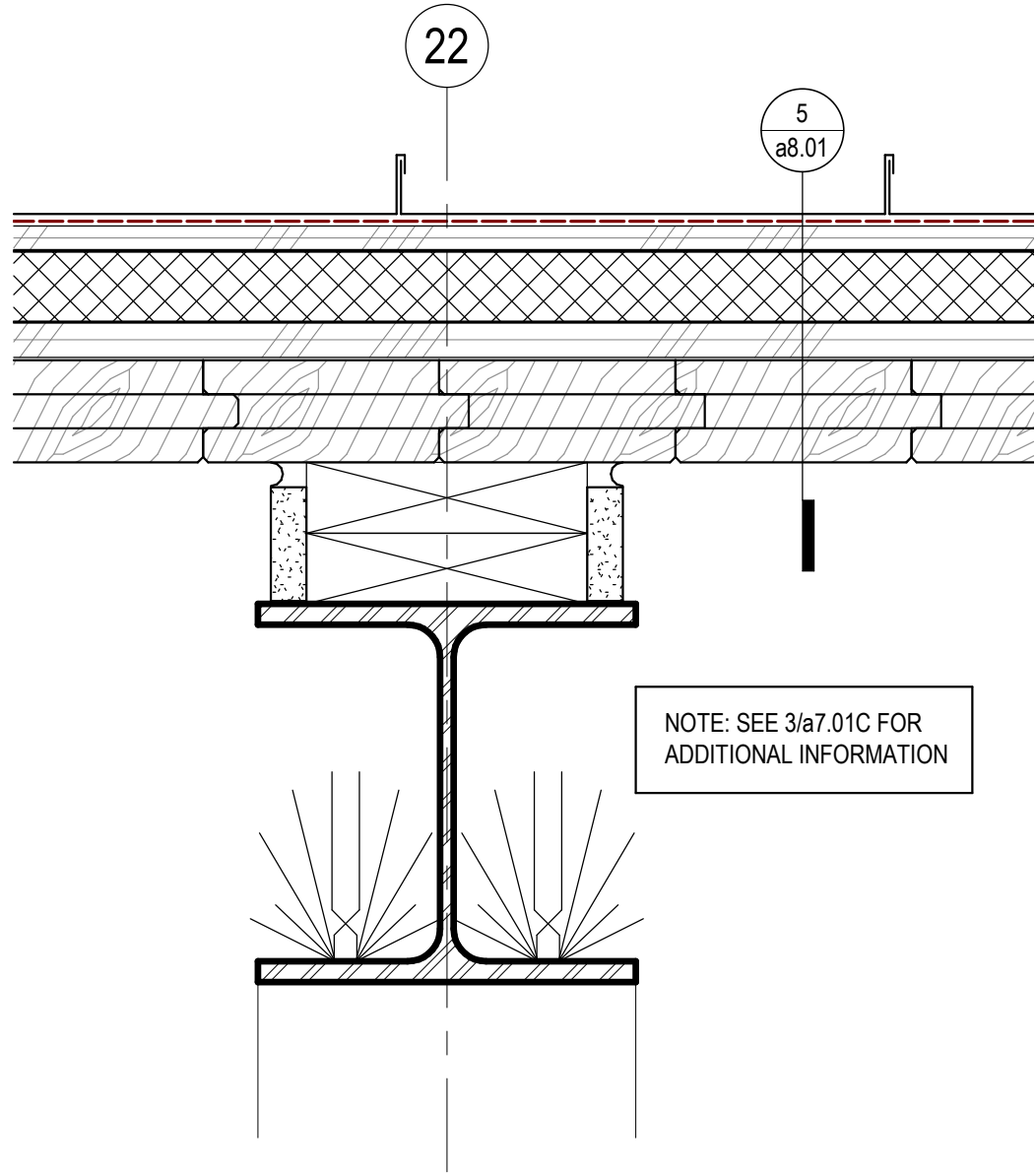
Kenneth Sheehan
KENNETH SHEEHAN
DATE: 06/27/2022 LIC NO: 43965

HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

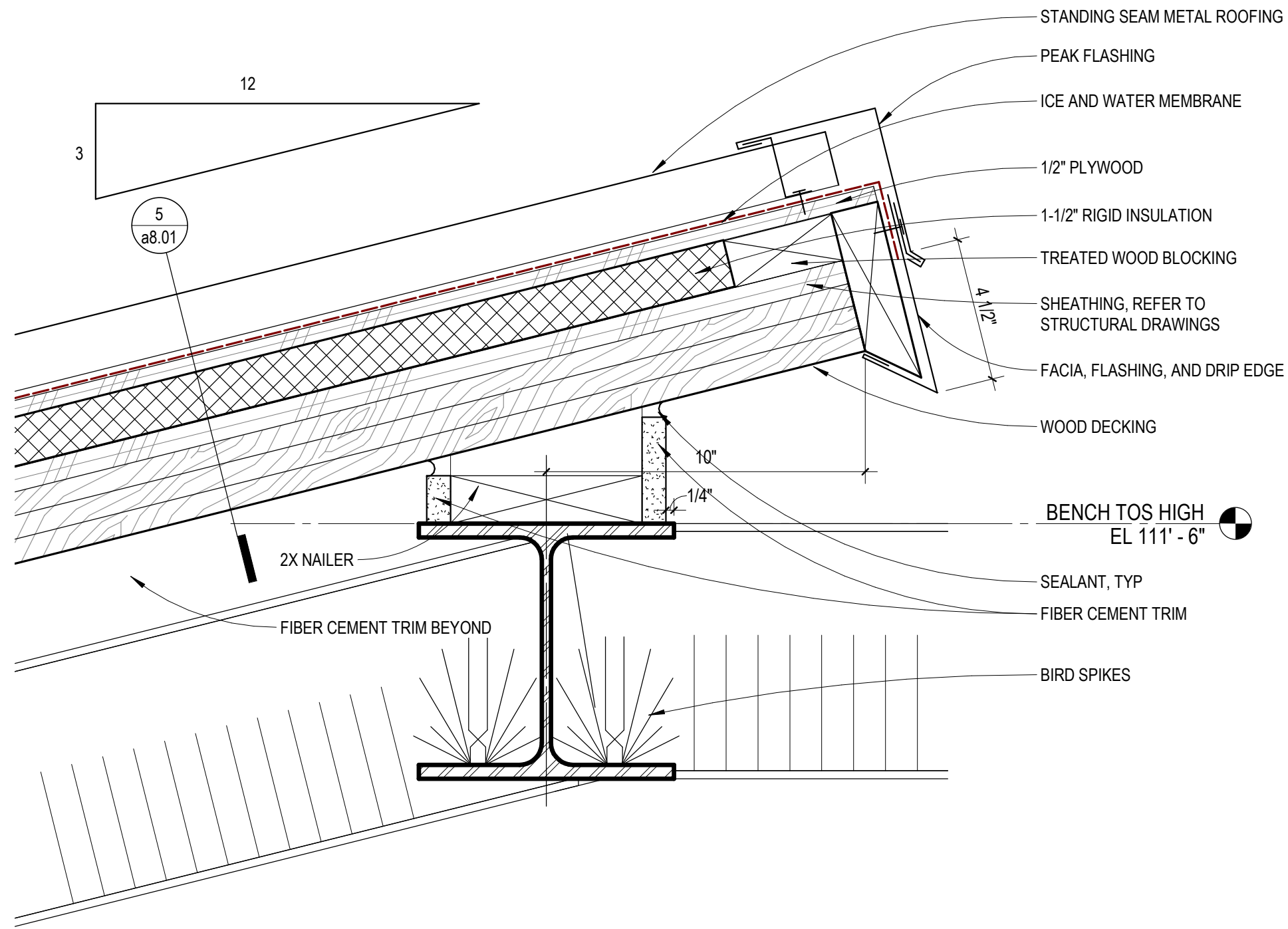
EXTERIOR
DETAILS



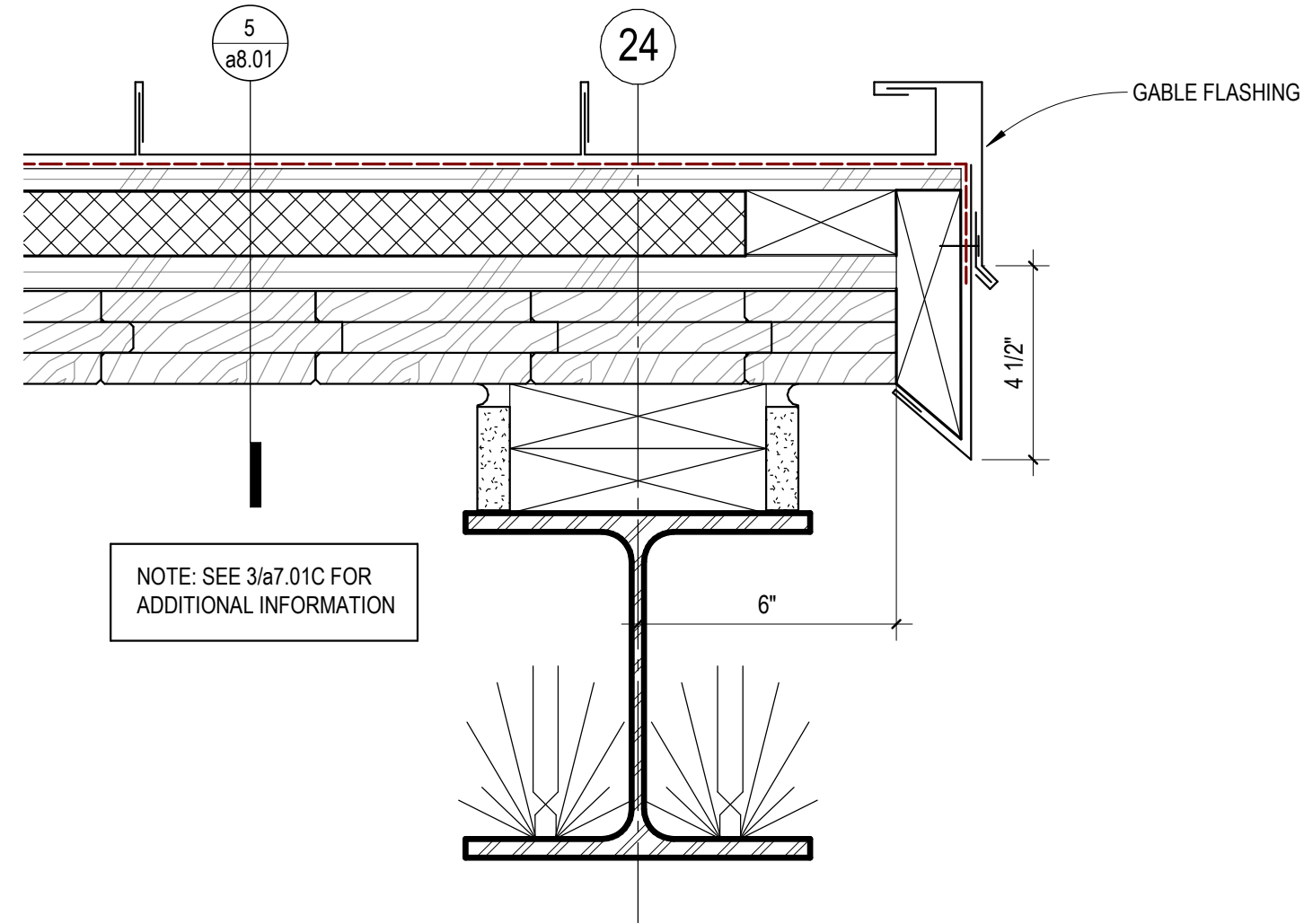
2 DETAIL - BENCH SHELTER BOTTOM EDGE
3" = 1'-0"



5 DETAIL - BENCH SHELTER AT BEAM
3" = 1'-0"



3 DETAIL - BENCH SHELTER TOP EDGE
3" = 1'-0"



6 BENCH SHELTER SIDE EDGE
3" = 1'-0"



WSB PROJECT NO.:
020153-000

SCALE: AS SHOWN
DESIGNED BY: ALLIANCE
PLAN BY: ALLIANCE
CHECKED BY: ALLIANCE

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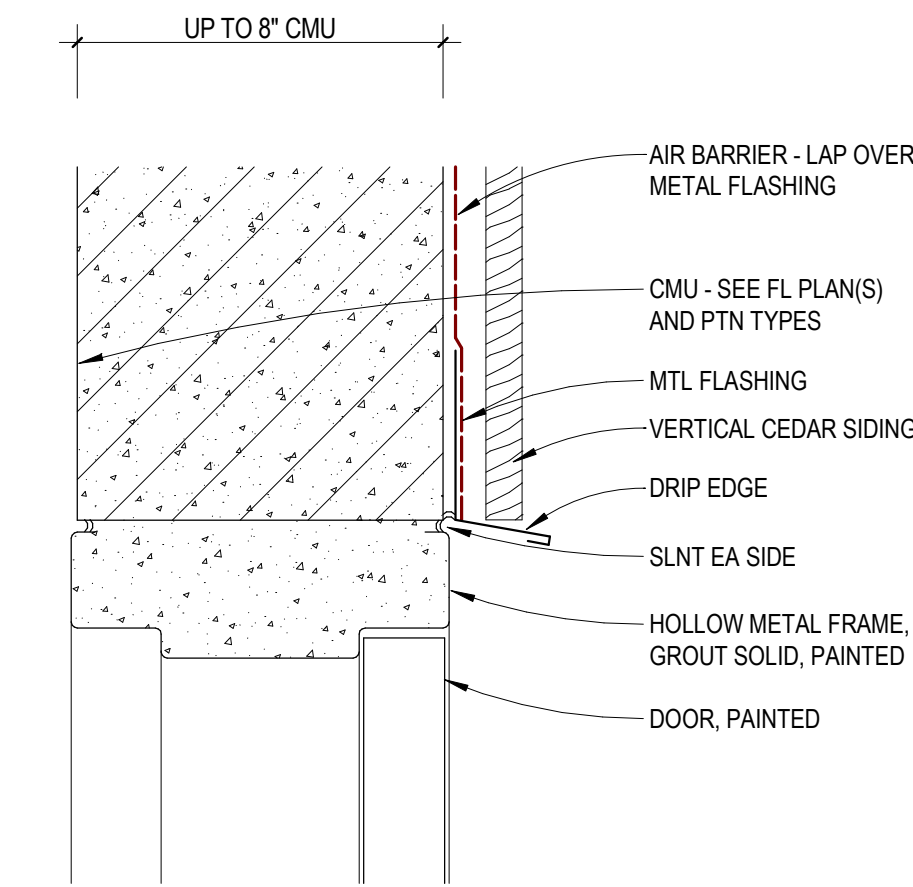
HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

EXTERIOR
DETAILS

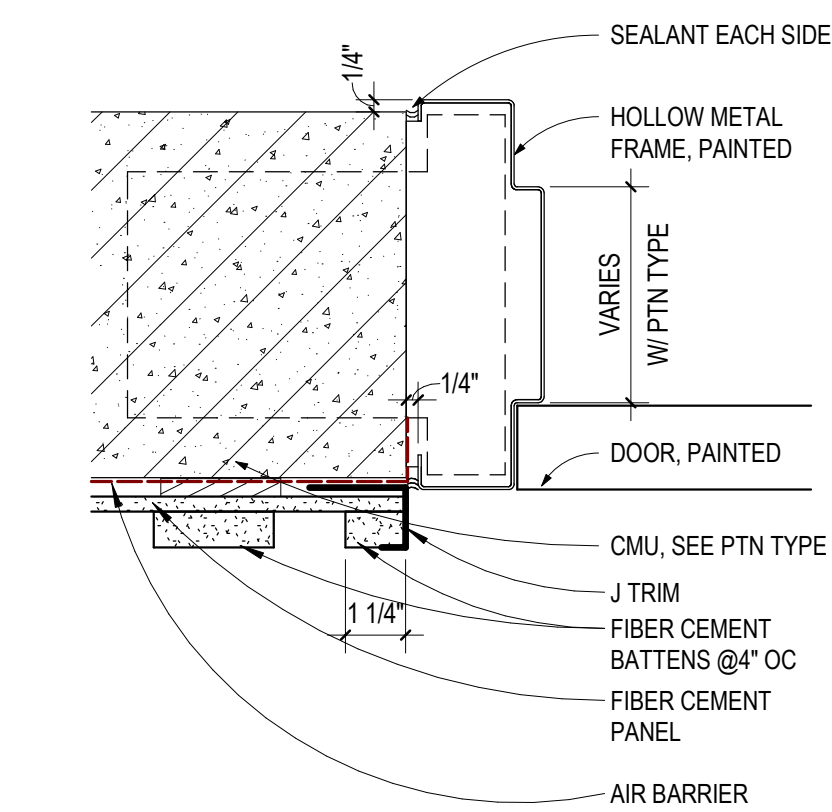
ALLIANCE

Alliance
400 Clifton Avenue
Minneapolis, MN 55403

C.P. SHEET
2117 a7.01C



1 HM FR HEAD AND JAMB AT CMU
3\"/>

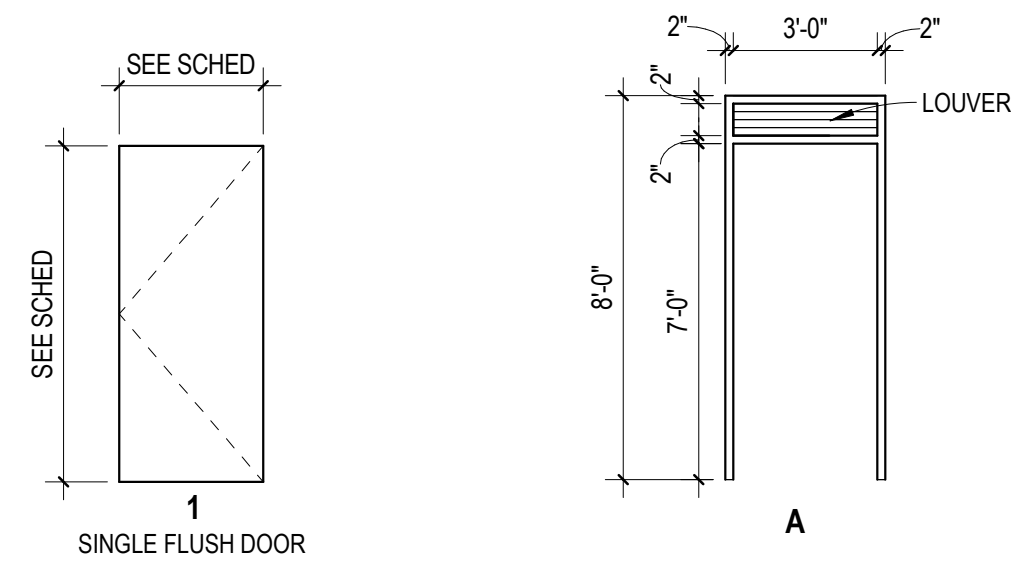


4 HM FRAME FLUSH JAMB AT CMU
3\"/>

DOOR AND FRAMED OPENING SCHEDULE																
OPENING NUMBER	DOOR / FRAMED OPENING						FRAME						FIRE RATING LABEL	HDW GROUP	NOTES	REVISION HISTORY
	SIZE			TYPE	MATL	GLAZ	DETAILS									
	WIDTH	HEIGHT	THK				HEAD	JAMB	THRESH							
01	3'-0"	7'-0"	1 3/4"	1	HM	—	A	HM	-	1/a8.01	4/a8.01	8/a7.01B	-	1	—	—
02	3'-0"	7'-0"	1 3/4"	1	HM	—	A	HM	-	1/a8.01	4/a8.01	8/a7.01B	-	1	—	—
03	3'-0"	7'-0"	1 3/4"	1	HM	—	A	HM	-	1/a8.01	4/a8.01	8/a7.01B	-	1	—	—
04	3'-0"	7'-0"	1 3/4"	1	HM	—	A	HM	-	1/a8.01	4/a8.01	8/a7.01B	-	2	—	—
ALT1-1	3'-0"	7'-0"	1 3/4"	1	HM	—	A	HM	-	1/a8.01	4/a8.01	8/a7.01B	-	1	—	—
ALT1-2	3'-0"	7'-0"	1 3/4"	1	HM	—	A	HM	-	1/a8.01	4/a8.01	8/a7.01B	-	1	—	—
ATL1-3	3'-0"	7'-0"	1 3/4"	1	HM	—	A	HM	-	1/a8.01	4/a8.01	8/a7.01B	-	2	—	—

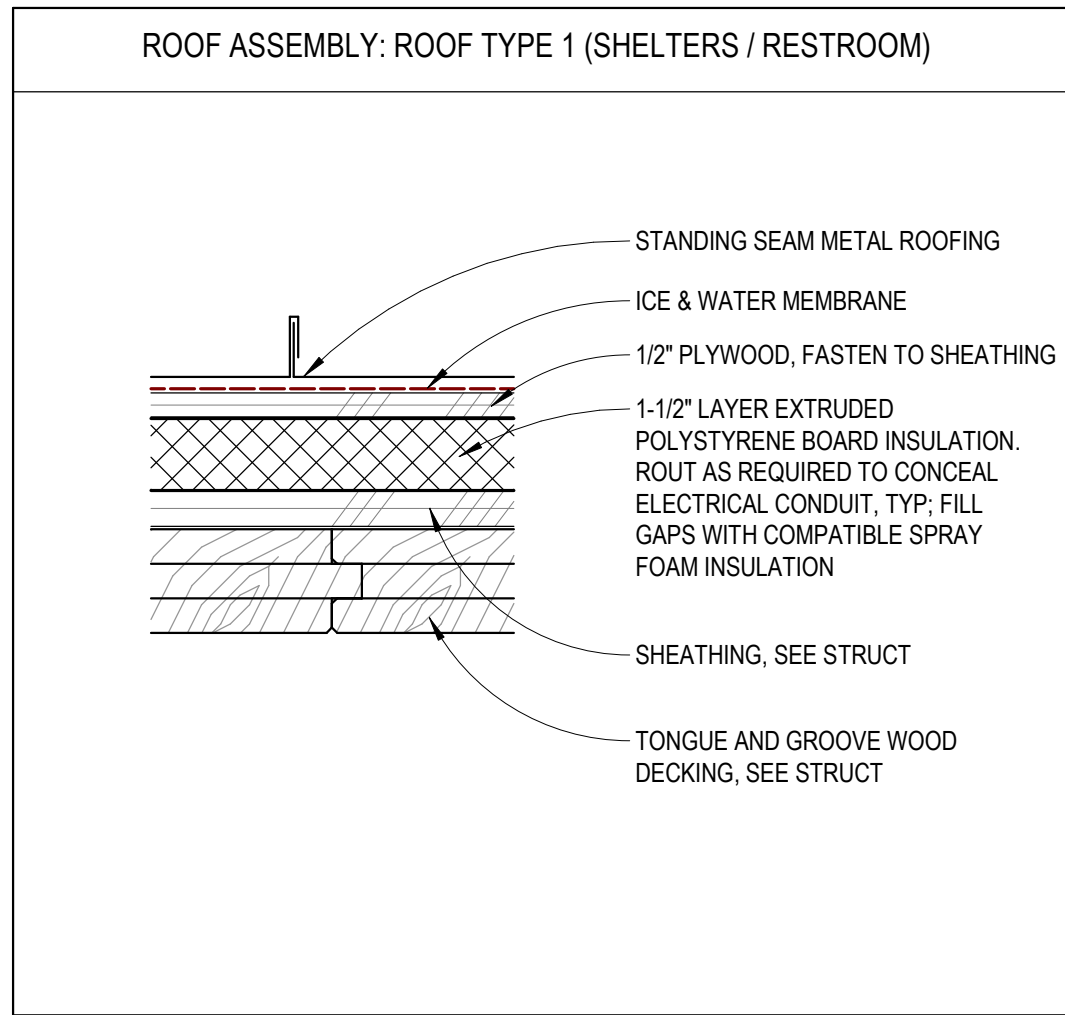
GENERAL NOTES

- HOLLOW METAL DOORS AND FRAMES ARE TO RECEIVE FIELD-APPLIED PAINT FINISH. REFER TO SPECIFICATION SECTION 09 9000 FOR PAINT TYPE.
- DOOR FRAMES IN CONCRETE OR MASONRY CONSTRUCTION SHALL BE FILLED SOLID WITH GROUT, TYPICAL.
- REFER TO SPECIFICATIONS SECTION 08 7100 FOR REQUIRED DOOR HARDWARE.
- PROVIDE 5/8" UNDERCUT ON DOOR UNLESS NOTED OTHERWISE.

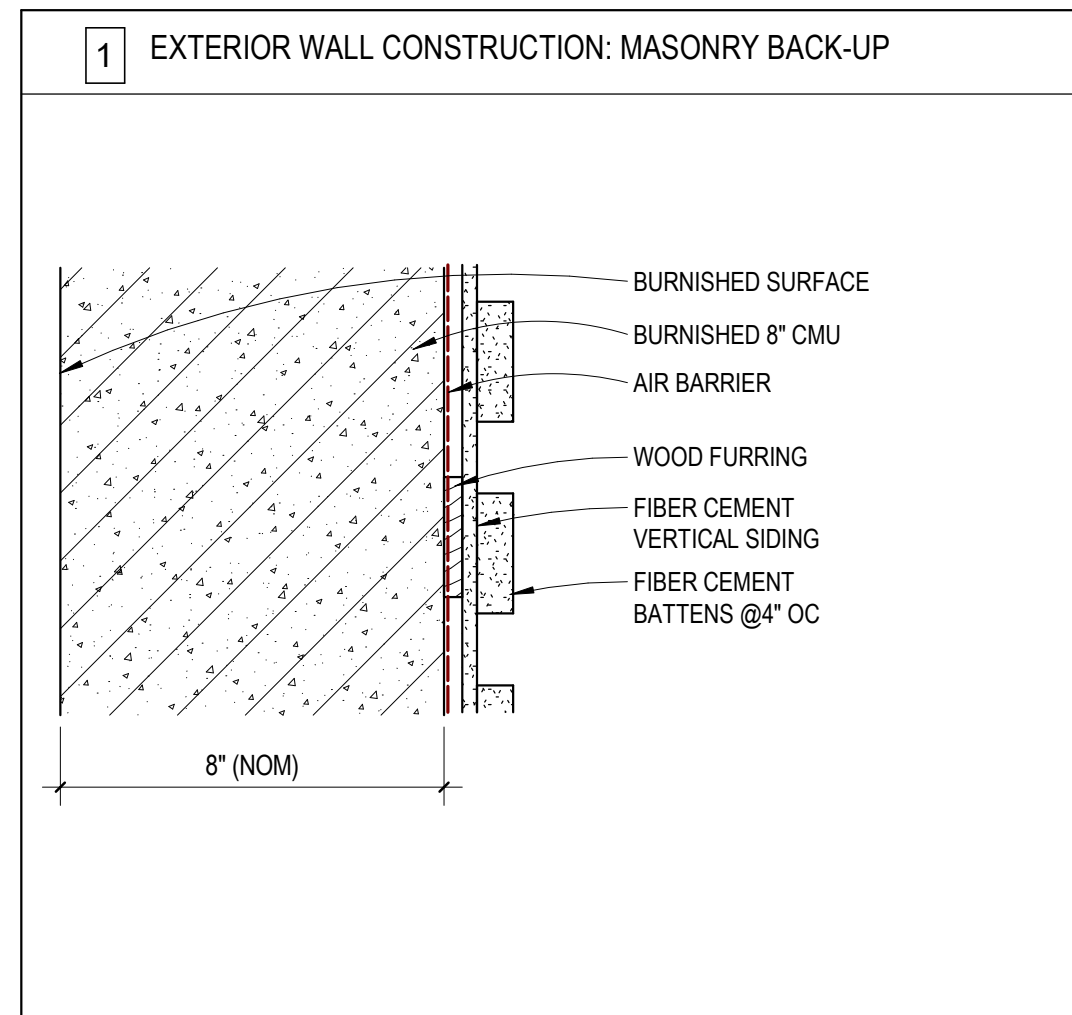


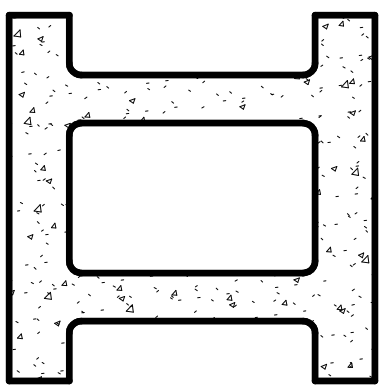
2 DOOR TYPE ELEVATIONS
1/4\"/>

3 FRAME TYPE ELEVATIONS
1/4\"/>



5 ROOF TYPE 1
3\"/>



T SERIES: CONCRETE MASONRY UNIT PARTITION TYPES			
			
NOTE: BURNISHED CMU			
TYPE	PARTITION WIDTH	STC	DESCRIPTION
1	7-5/8"	45	CONCRETE MASONRY UNIT
2	3-5/8"	45	CONCRETE MASONRY UNIT

6 PARTITION TYPES
3\"/>

REVISIONS

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KENNETH SHEEHAN
DATE: 06/27/2022 LIC NO: 43965

HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

ROOF, WALL,
PARTITION
TYPES, AND
DOOR
SCHEDULE

C.P. SHEET

2117 a8.01

ALLIANCE

Alliance
400 Clifton Avenue
Minneapolis, MN 55403

HERITAGE VILLAGE PARK PHASE 4 PARK BUILDINGS

INVER GROVE HEIGHTS, MN

MECHANICAL DRAWINGS



WSB PROJECT NO.:
020153-000

SCALE: DESIGNED BY:

AS SHOWN SYK

PLAN BY: CHECKED BY:

SYK SSS

REVISIONS

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LICENSED PROFESSIONAL ENGINEER
UNDER THE LAWS OF THE STATE OF
MINNESOTA.

Steve S. Schreurs

DATE: 06/27/2022 LIC NO: 19622

HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

MECHANICAL TITLE SHEET

C.P. SHEET

2117 m0.01

EDI #19-065

edi-dolejs
consulting engineers
minneapolis | monticello

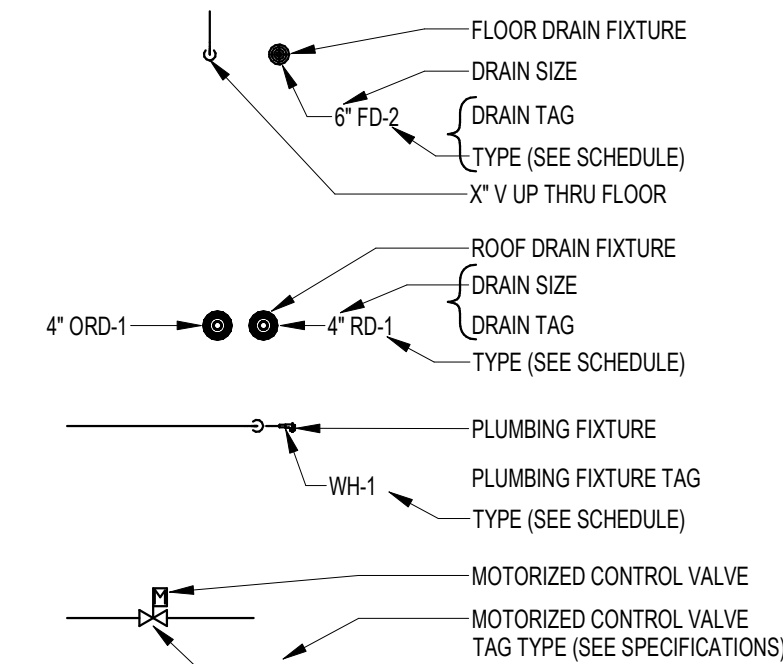
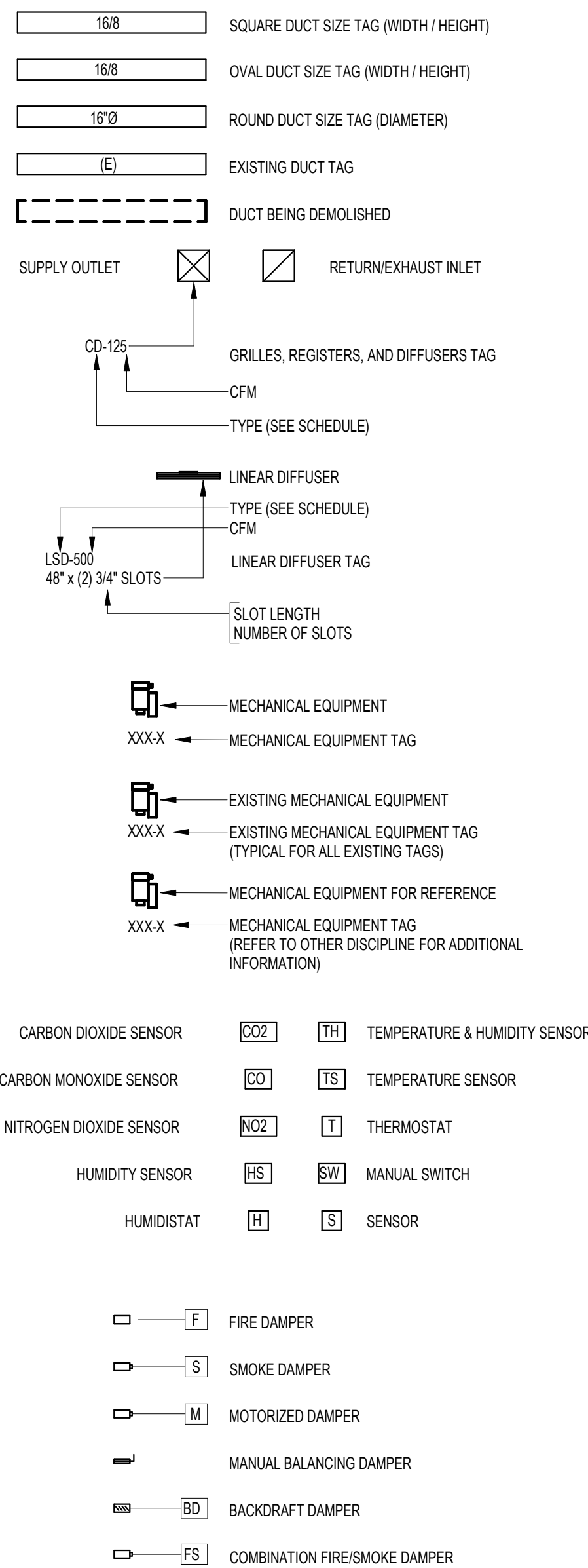
1112 North 5th Street
Minneapolis, MN 55411
(612) 343-5965

1624 North Riverfront Drive
Monticello, MN 56001
(507) 525-7169

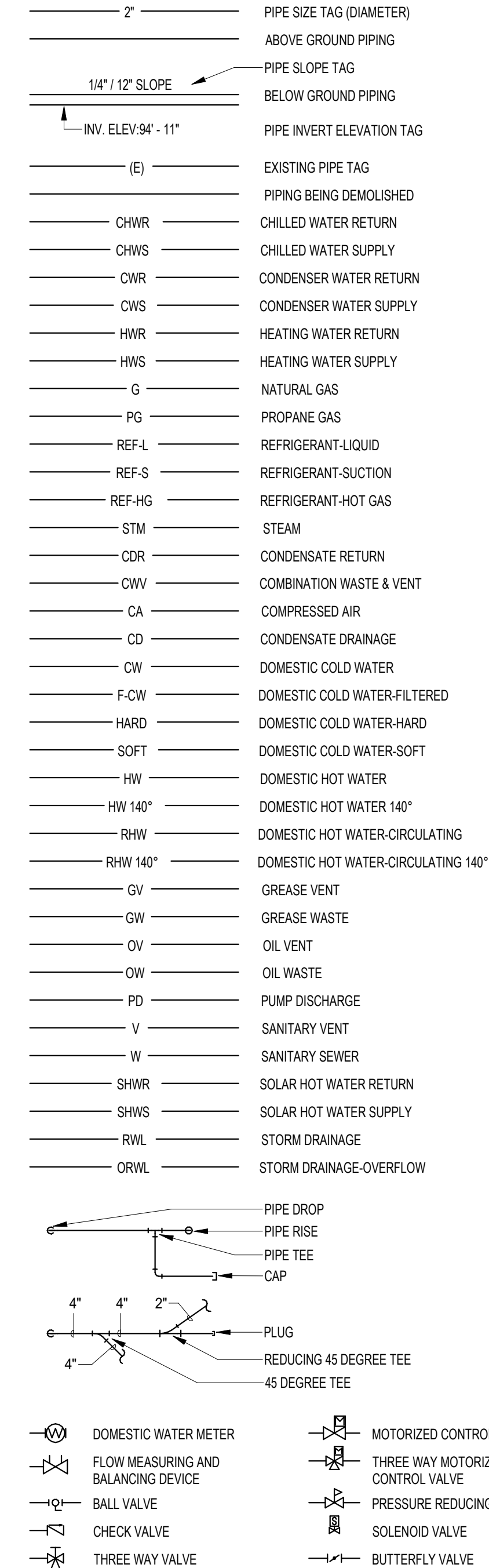
ALLIANCE

Alliance
400 Clifton Avenue
Minneapolis, MN 55403

HVAC SYMBOLS



PLUMBING AND PIPING SYMBOLS

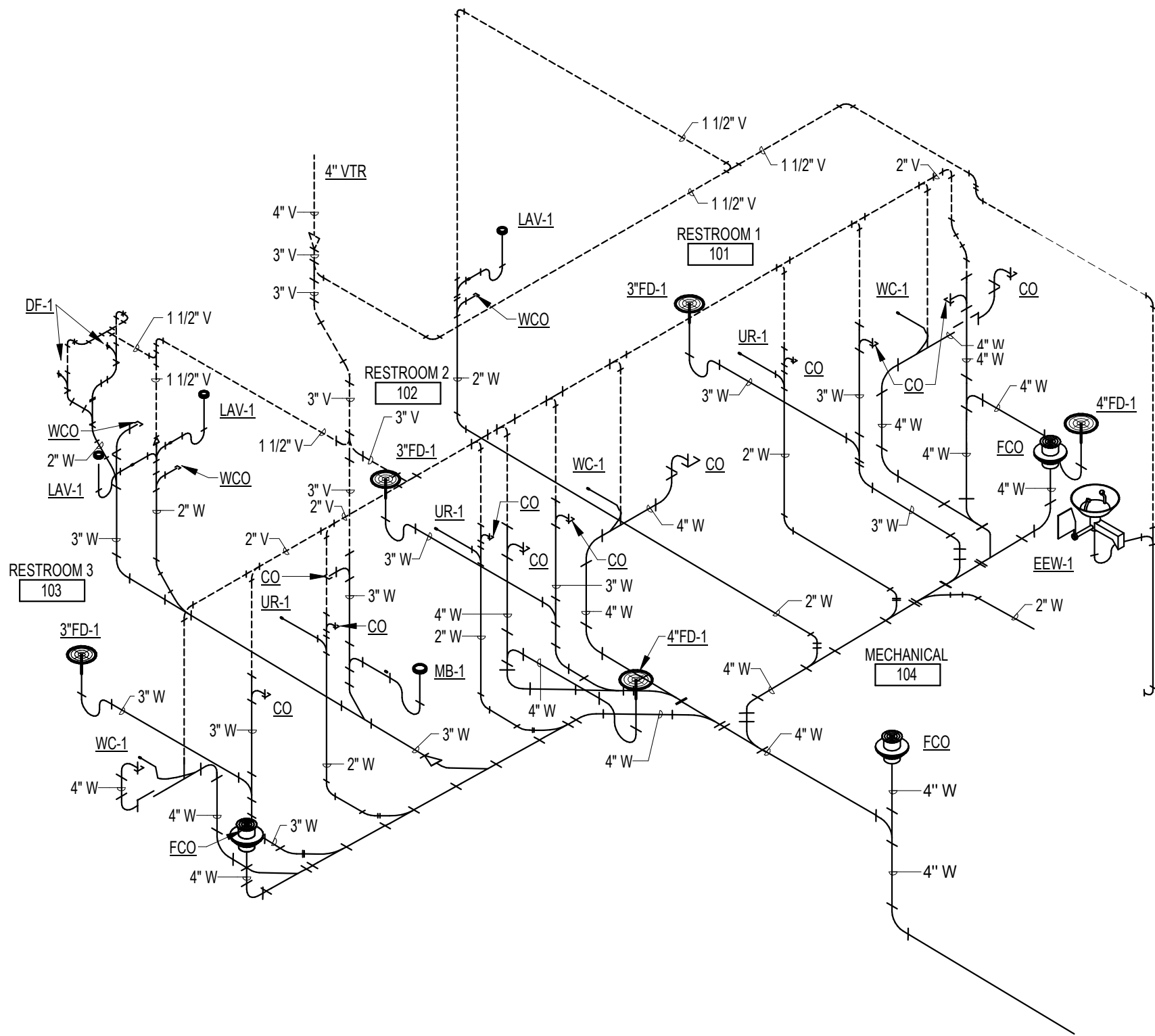


MECHANICAL ABBREVIATIONS

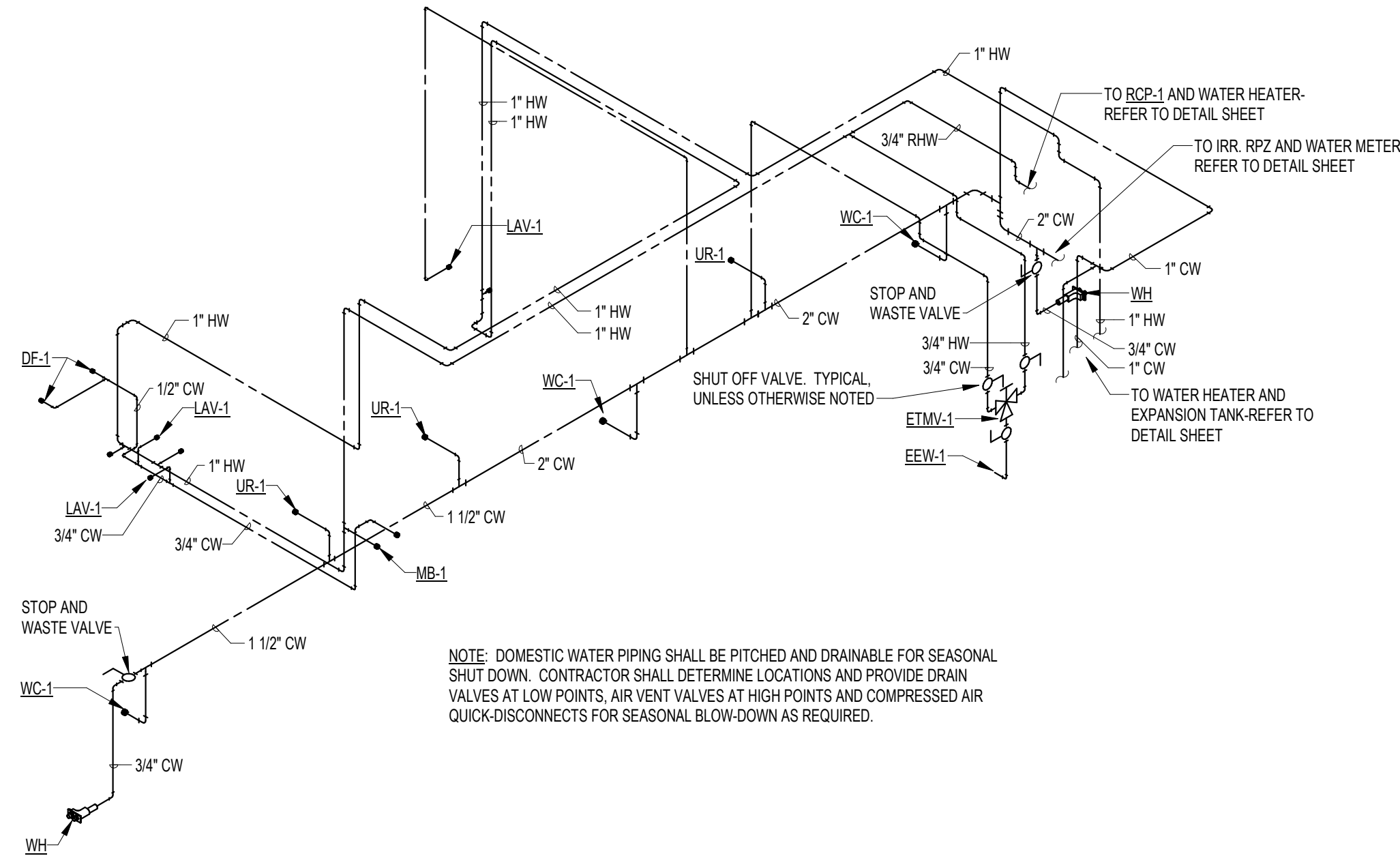
AD AREA DRAIN	INV INVERT
AFF ABOVE FINISHED FLOOR	LB POUND
AFUE ANNUAL FUEL UTILIZATION EFFICIENCY	LAT LEAVING AIR TEMPERATURE
AL ACOUSTIC LINER	LAV LAVATORY
AP ACCESS PANEL	LF LINEAL FOOT
ARCH ARCHITECT	LWT LEAVING WATER TEMPERATURE
AS AIR SEPARATOR	
ASC ADJUSTABLE SPEED CONTROLLER	MBH ONE THOUSAND BTU PER HOUR
AV ACID RESISTANT VENT	MCF ONE THOUSAND CUBIC FEET
AW ACID RESISTANT WASTE	MECH MECHANICAL
	MFR MANUFACTURER
BFF BELOW FINISHED FLOOR	MH MANHOLE
BTU BRITISH THERMAL UNITS	MIN MINIMUM
BTUH BRITISH THERMAL UNITS PER HOUR	MISC MISCELLANEOUS
BWV BACKWATER VALVE	
CB CATCH BASIN	NC NORMALLY CLOSED
CCF HUNDRED CUBIC FEET	NIC NOT IN CONTRACT
CFCV CONSTANT FLOW CONTROL VALVE	NO NORMALLY OPEN
CFH CUBIC FEET PER HOUR	NTS NOT TO SCALE
CFM CUBIC FEET PER MINUTE	
CHW CIRCULATING HOT WATER	OA OUTSIDE AIR
CLG CEILING	OF OVERFLOW
CO CLEAN OUT	ORD OVERFLOW ROOF DRAIN
COMB COMBINATION	
COND CONDENSATE	PD PRESSURE DROP
CONTR CONTRACTOR	PLBG PLUMBING
CONV CONVECTOR	PRV POWER ROOF VENTILATOR
CL CENTER LINE	PSIA POUNDS PER SQUARE INCH ABSOLUTE
CV CHECK VALVE	PSIG POUNDS PER SQUARE INCH GAUGE
CW COLD WATER	PVC POLY VINYL CHLORIDE
DB DRY BULB	R/A RETURN AIR
DF DRINKING FOUNTAIN	RCP REFLECTED CEILING PLAN
DIA DIAMETER	RD ROOF DRAIN
DI DEIONIZED WATER	RECIRC RECIRCULATION
DMPR DAMPER	REG REGISTER
DN DOWN	RH RELATIVE HUMIDITY
DWG DRAWING	RIC RETURN IN COVER
DW DISTILLED WATER	RHC REHEAT COIL
	RM ROOM
EA EACH	RPM REVOLUTIONS PER MINUTE
EAT ENTERING AIR TEMPERATURE	RW RAIN WATER
EDR EQUIVALENT DIRECT RADIATION	
EF EXHAUST FAN	SA SUPPLY AIR
EP EXPLOSION PROOF	SAN SANITARY
EQ EQUAL	SB SECURITY BARS
EQUIP EQUIPMENT	SD STORM DRAIN
EWC ELECTRIC WATER COOLER	SIM SIMILAR
EWT ENTERING WATER TEMPERATURE	SILV SLEEVE
EXH EXHAUST	SP STATIC PRESSURE
EXIST EXISTING	SPEC SPECIFICATION
EXP EXPANSION	SQ FT SQUARE FEET
	STM STEAM
F FAHRENHEIT	STRUCT STRUCTURAL
FD FLOOR DRAIN	
FLEX FLEXIBLE	T THERMOSTAT
FPM FEET PER MINUTE	TD TEMPERATURE DIFFERENCE
FPS FEET PER SECOND	TD TRENCH DRAIN
FS FLOOR SINK	TS TEMPERATURE SENSOR
FSD FIRE/SMOKE DAMPER	TTFD TELL-TALE FLOOR DRAIN
FT FOOT/FEET	TYP TYPICAL
F & T FLOAT & THERMOSTATIC STEAM TRAP	
FTG FOOTING	UFD UNDER FLOOR DUCT
FTR FIN TUBE RADIATION	UG UNDERGROUND
	UH UNIT HEATER
GA GAGE/GAUGE	UR URINAL
GAL GALLON	
GPH GALLONS PER HOUR	V VENT
GPM GALLONS PER MINUTE	VAV VARIABLE AIR VOLUME
GR GRILLE	VD VOLUME DAMPER
GW GREASE WASTE	VTR VENT THROUGH ROOF
HB HOSE BIBB	W SANITARY WASTE
HD HOPPER DRAIN	WB WET BULB
HP HORSEPOWER	WC WATER CLOSET
HTG HEATING	WCO WALL CLEAN OUT
HTH HEATER	WH WALL HYDRANT / WATER HEATER
HVAC HEATING VENTILATION & AIR CONDITIONING	WMS WIRE MESH SCREEN
HW HOT WATER	WTR WATER
HYD HYDRANT	

EQUIPMENT ABBREVIATIONS

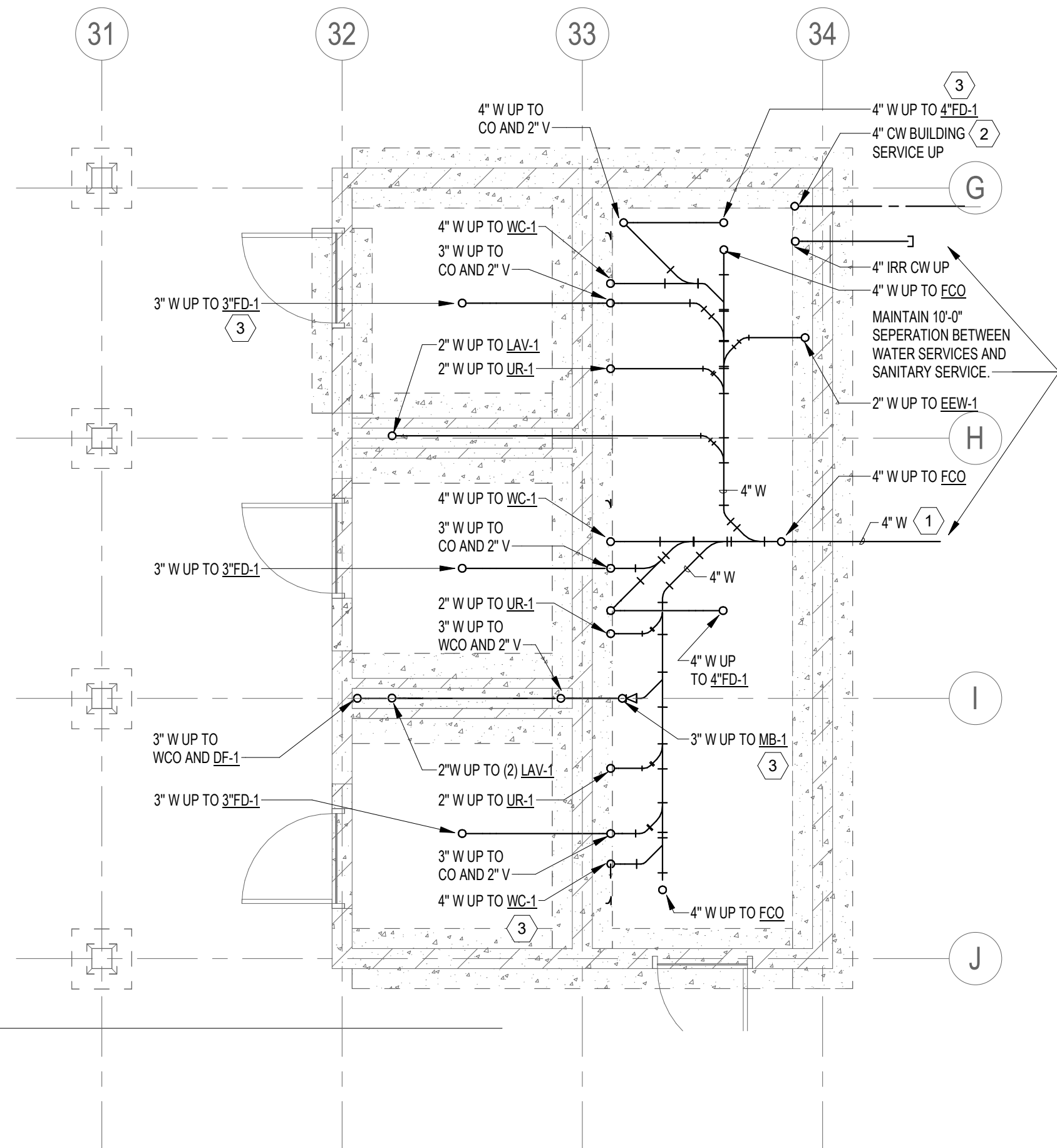
AC AIR CONDITIONING UNIT	EF EXHAUST FAN	RE RETURN/EXHAUST FAN
ACC AIR COOLED CONDENSER	EDC ELECTRIC DUCT COIL	RTU ROOFTOP UNIT
ACCU AIR COOLING CONDENSING UNIT	ET EXPANSION TANK	
AFMS AIR FLOW MEASURING STATION	EWB ELECTRIC WATER HEATER	
AHU AIR HANDLING UNIT		SA SHOCK ABSORBER
AS AIR SEPARATOR	FCU FAN COIL UNIT	SAT SOUND ATTENUATOR
	FP FIRE PUMP	SEP SEWAGE EJECTOR PUMP
		SF SUPPLY FAN
B BOILER		SP SUMP PUMP
CF CABINET FAN	GI GREASE INTERCEPTOR	
CF CHEMICAL FEEDER	GRV GRAVITY ROOF VENTILATOR	UH UNIT HEATER
CFP CHEMICAL FEEDER PUMP		US UTILITY SET
CH CHILLER	H HUMIDIFIER	UV UNIT VENTILATOR
CRU CONDENSATE RETURN UNIT	HWP HEATING WATER PUMP	
CT COOLING TOWER	HX HEAT EXCHANGER	WFMS WATER FLOW MEASURING STATION
CUH CABINET UNIT HEATER	HPU HEAT PUMP UNIT	WH WATER HEATER
CWP CONDENSER WATER PUMP	HRTU HEAT RECOVERY UNIT	
CHWP CHILLED WATER PUMP	ILC INLINE CENTRIFUGAL	
DBP DOMESTIC WATER BOOSTER PUMP	PF PROPELLER FAN	
DC DUCT MOUNTED COIL	PRV POWER ROOF VENTILATOR	
DCP DOMESTIC WATER CIRCULATING PUMP	PWF POWER WALL FAN	



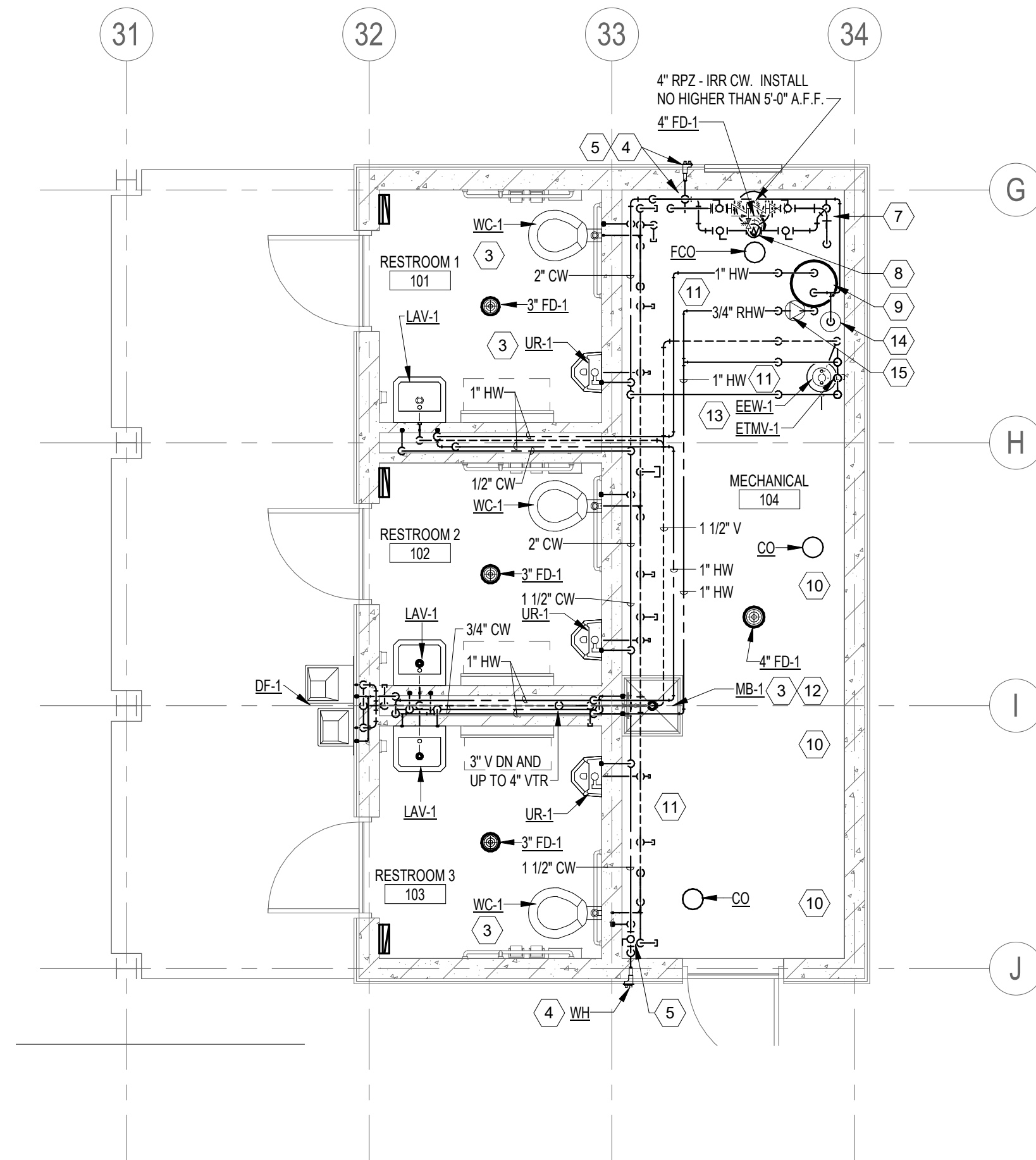
4 PLUMBING RISER DIAGRAM - WASTE AND VENT
NO SCALE



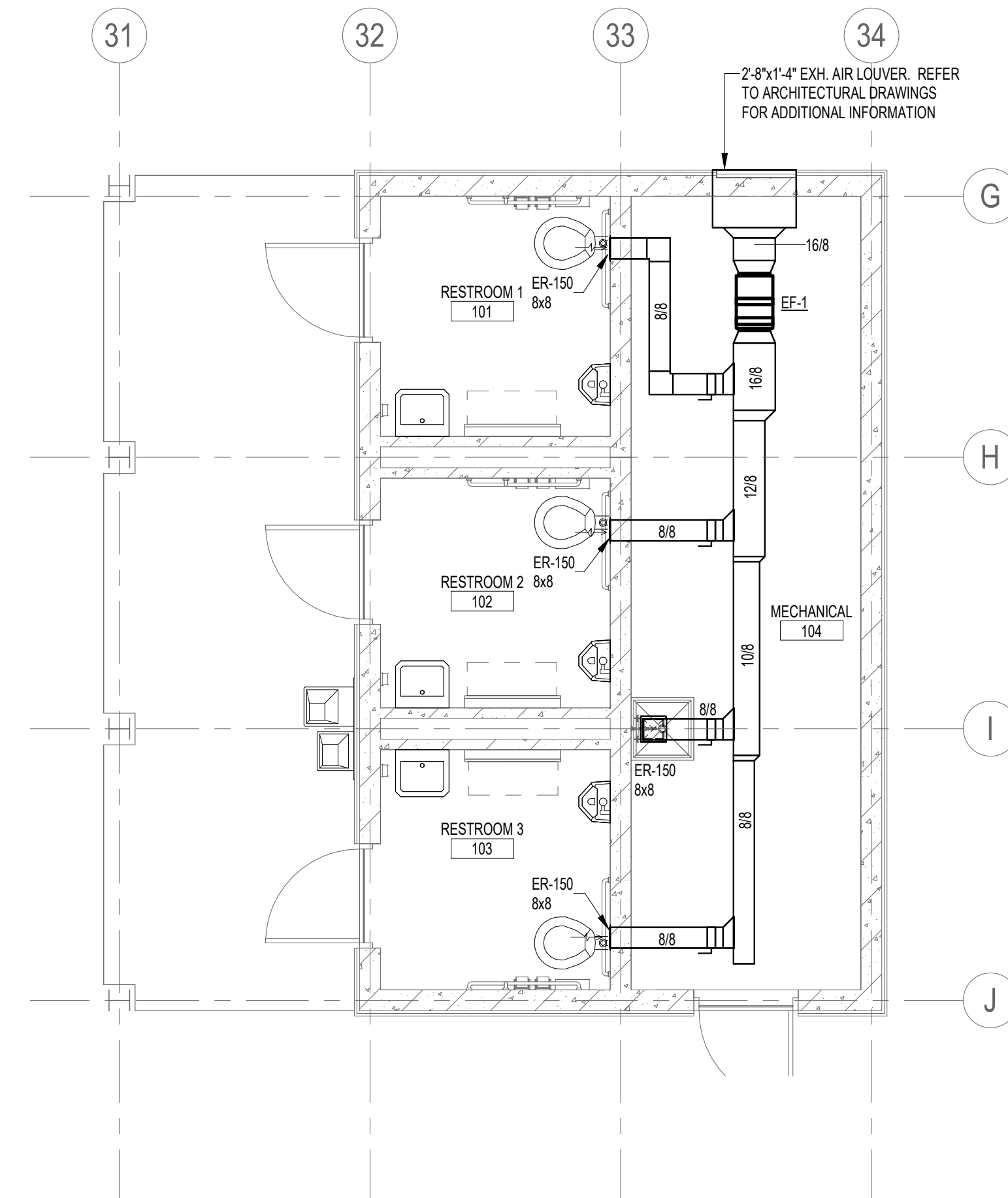
5 PLUMBING RISER DIAGRAM - DOMESTIC WATER
NO SCALE



1 RESTROOM BUILDING - UNDERFLOOR PLUMBING
1/4" = 1'-0"



2 RESTROOM BUILDING - PLUMBING
1/4" = 1'-0"



3 RESTROOM BUILDING - HVAC
1/4" = 1'-0"



GENERAL NOTES

- PROVIDE A WALL OR FLOOR CLEANOUT AS REQUIRED TO SERVE EACH PLUMBING FIXTURE, SPECIALTY DEVICE, ETC. THAT HAS A NON-ACCESSIBLE TRAP, TYPICAL.
- REFER TO PIPE HANGER AND SUPPORT DETAIL ON SHEET m3.01 INDICATING INSTALLATION REQUIREMENTS, TYPICAL.
- REFER TO PIPE PENETRATION DETAIL ON SHEET m3.01 FOR PIPE PENETRATION INSTALLATION REQUIREMENTS, TYPICAL.
- REFER TO WASTE AND VENT RISER DIAGRAM AND DOMESTIC WATER RISER DIAGRAMS FOR ADDITIONAL SIZES, PIPE ROUTING, VALVES AND PLUMBING SPECIALTY DEVICES. REFER TO SHEET m2.01 FOR PLUMBING ROUGH-IN SCHEDULE, TYPICAL.
- PROVIDE SLEEVES FOR ALL SANITARY WASTE PIPING PASSING THROUGH STRUCTURAL FOOTINGS AND FOUNDATION WALLS. REFER TO SPECIFICATION SECTION 22 0500 AND DETAIL ON SHEET m3.01 FOR ADDITIONAL INFORMATION. COORDINATE AND VERIFY EXACT LOCATIONS AND ELEVATIONS WITH STRUCTURAL, TYPICAL.
- PROVIDE A MINIMUM OF 2" (R-10) RIGID POLYSTYRENE INSULATION BOARD OVER ALL BELOW GRADE SANITARY SEWER PIPING OUTSIDE THE BUILDING FOUNDATION WALL. IF THE PIPING HAS LESS THAN 5'-0" COVER OVER THE TOP OF THE PIPE, INSULATION SHALL ALSO BE LOCATED ALONG EACH SIDE OF THE PIPE AT 30 DEGREE ANGLE FROM VERTICAL.

PLAN NOTES

- SANITARY SEWER SERVICE. EXTEND PIPING 5'-0" BEYOND THE OUTSIDE OF THE BUILDING FOUNDATION WALL AND MAKE THE FINAL CONNECTION. INVERT ELEVATION SHALL BE 5'-0" BELOW FINISHED FLOOR ELEVATION. VERIFY AND COORDINATE THE EXACT LOCATION AND INVERT ELEVATION WITH THE CIVIL UTILITY CONTRACTOR AND STRUCTURAL CONTRACTOR.
- DOMESTIC WATER SERVICE. EXTEND PIPING APPROXIMATELY 5'-0" BEYOND THE OUTSIDE OF THE BUILDING FOUNDATION WALL AND MAKE THE FINAL CONNECTION. PIPE INVERT ELEVATION SHALL BE A MINIMUM OF 8'-0" BELOW GRADE. VERIFY AND COORDINATE THE EXACT LOCATION AND INVERT ELEVATION WITH THE CIVIL UTILITY CONTRACTOR AND STRUCTURAL CONTRACTOR.
- INDICATES PLUMBING FIXTURE OR PLUMBING SPECIALTY DEVICE IDENTIFICATION. PROVIDE PLUMBING PIPING ROUGH-IN AND FINAL CONNECTIONS. REFER TO DIVISION 22 SPECIFICATIONS FOR MODEL, DESCRIPTION, AND ADDITIONAL INFORMATION. TYPICAL.
- 3/4-INCH NON-FREEZE TYPE WALL HYDRANT WITH AIR BLEED AND BACKFLOW PREVENTER. PROVIDE AN ACCESSIBLE STOP AND WASTE VALVE INSIDE THE BUILDING. INSTALL WALL HYDRANT AT 18-INCHES ABOVE FINISHED GRADE. TYPICAL.
- PROVIDE STOP AND WASTE VALVE TO SERVE WALL HYDRANT AND HOSE BIBBS.
- SHUT-OFF VALVE. TYPICAL, UNLESS OTHERWISE NOTED.
- 2" CW SERVICE DOWN. REFER TO WATER SERVICE/BLOW-DOWN ASSEMBLY DETAIL ON SHEET m3.01 FOR ADDITIONAL INFORMATION.
- DOMESTIC WATER METER WITH SHUT OFF VALVES ON EACH SIDE, AND PRESSURE REDUCING ASSEMBLY. REFER TO DETAIL ON SHEET m3.01.
- ELECTRIC WATER HEATER. REFER TO SCHEDULE ON SHEET m2.01 AND DETAIL ON SHEET m3.01 FOR ADDITIONAL INFORMATION.
- MAINTAIN REQUIRED CLEARANCES FROM ELECTRICAL EQUIPMENT.
- DOMESTIC WATER PIPING TO BE INSTALLED EXPOSED, WITHIN THE JOINT ROOM, AND AS CLOSE TO FINISHED WALL AND CEILING AS POSSIBLE. UNLESS OTHERWISE INDICATED, PIPING SHALL BE INSTALLED PITCHED TO DRAIN SYSTEM FOR WINTERIZATION. PROVIDE A 2" AIR VENT VALVE AT HIGH POINT OF SYSTEMS. SHUT OFF VALVES AND DRAIN VALVES SHALL BE ACCESSIBLE.
- WALL MOUNTED, COLD WATER HOSE BIBB WITH LEVER HANDLE TO SERVE OWNER PROVIDED CHEMICAL MIXING STATION. PROVIDE 3/4" COLD WATER BRANCH PIPE WITH SHUT OFF VALVE AND RPZ BACKFLOW PREVENTER WITH UNIONS ON EACH SIDE OF RPZ FOR SEASONAL SHUT-DOWN. MOUNT RPZ AT 4'-0" ABOVE FINISHED FLOOR. MOUNT HOSE BIBB AT 4'-0" ABOVE FINISHED FLOOR. REFER TO SPECIFICATION 22 1119 AND RPZ DETAIL ON SHEET m3.01 FOR ADDITIONAL INFORMATION.
- EMERGENCY THERMOSTATIC MIXING VALVE AND EYE-FACEWASH. MOUNT ETMV-1 NO HIGHER THAN 6'-0" A.F.F. PROVIDE WASTE AND VENT CONNECTION TO EYE-FACEWASH. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. REFER TO SPECIFICATION SECTION 22 4500.
- DOMESTIC WATER EXPANSION TANK. REFER TO SPECIFICATION SECTION 22 3300 AND DETAIL ON SHEET m3.01.
- IN-LINE DOMESTIC HOT WATER RECIRCULATING PUMP. REFER TO SPECIFICATION SECTION 22 1123, SCHEDULE ON SHEET m2.01, AND DETAIL ON SHEET m3.01.
- EXTEND 4" IRRIGATION CW PIPING APPROXIMATELY 5'-0" BEYOND THE OUTSIDE OF THE BUILDING FOUNDATION WALL AND CAP FOR THE FINAL CONNECTION BY LAWN IRRIGATION CONTRACTOR. PIPE INVERT ELEVATION SHALL BE A MINIMUM OF 8'-0" BELOW GRADE. VERIFY AND COORDINATE THE EXACT LOCATION AND INVERT ELEVATION WITH THE CIVIL UTILITY CONTRACTOR AND STRUCTURAL CONTRACTOR.



WSB PROJECT NO.:
020153-000

SCALE: DESIGNED BY:

AS SHOWN SYK

PLAN BY: CHECKED BY:

SYK SSS

REVISIONS

NO.	DATE	DESCRIPTION

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Steve S. Schreurs
DATE: 06/27/2022 LIC NO.: 19622

HERITAGE VILLAGE PARK: PHASE 4 PARK BUILDINGS CITY OF INVER GROVE HEIGHTS

edi-dolejs
consulting engineers
minneapolis | monticello

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Minneapolis, MN 55411
(612) 343-5865

1624 North Riverfront Drive
Monticello, MN 56001
(707) 625-7169

ALLIANCE

Alliance
400 Clifton Avenue
Minneapolis, MN 55403

C.P. SHEET

2117 m1.01B

EDI #19-065

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MECHANICAL
FLOOR PLANS -
RESTROOMS
BID ALT 1

C.P. SHEET

2117 m1.01B-1

EDI #19-065

ALLIANCE

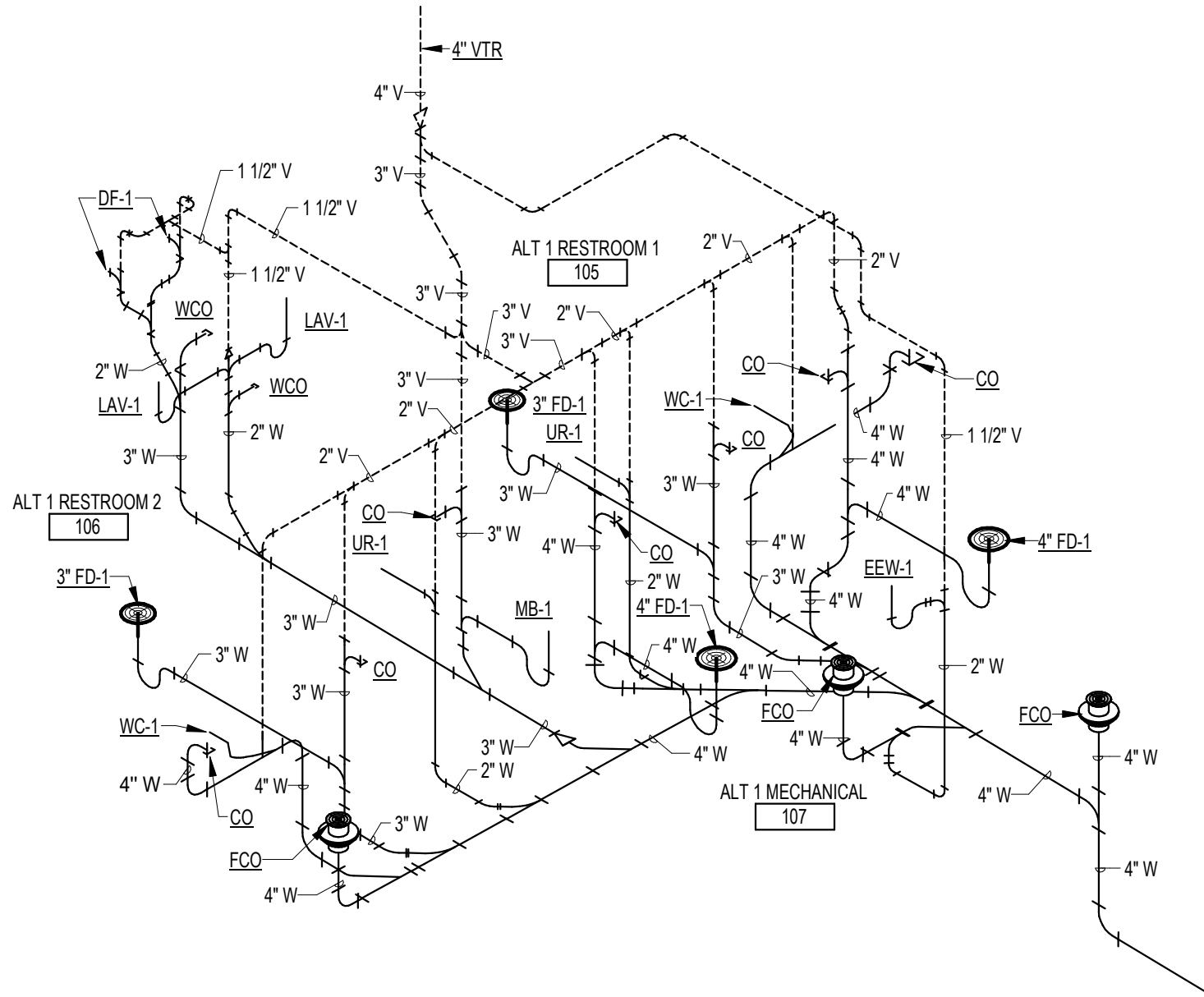
Alliance
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Minneapolis, MN 55403

GENERAL NOTES

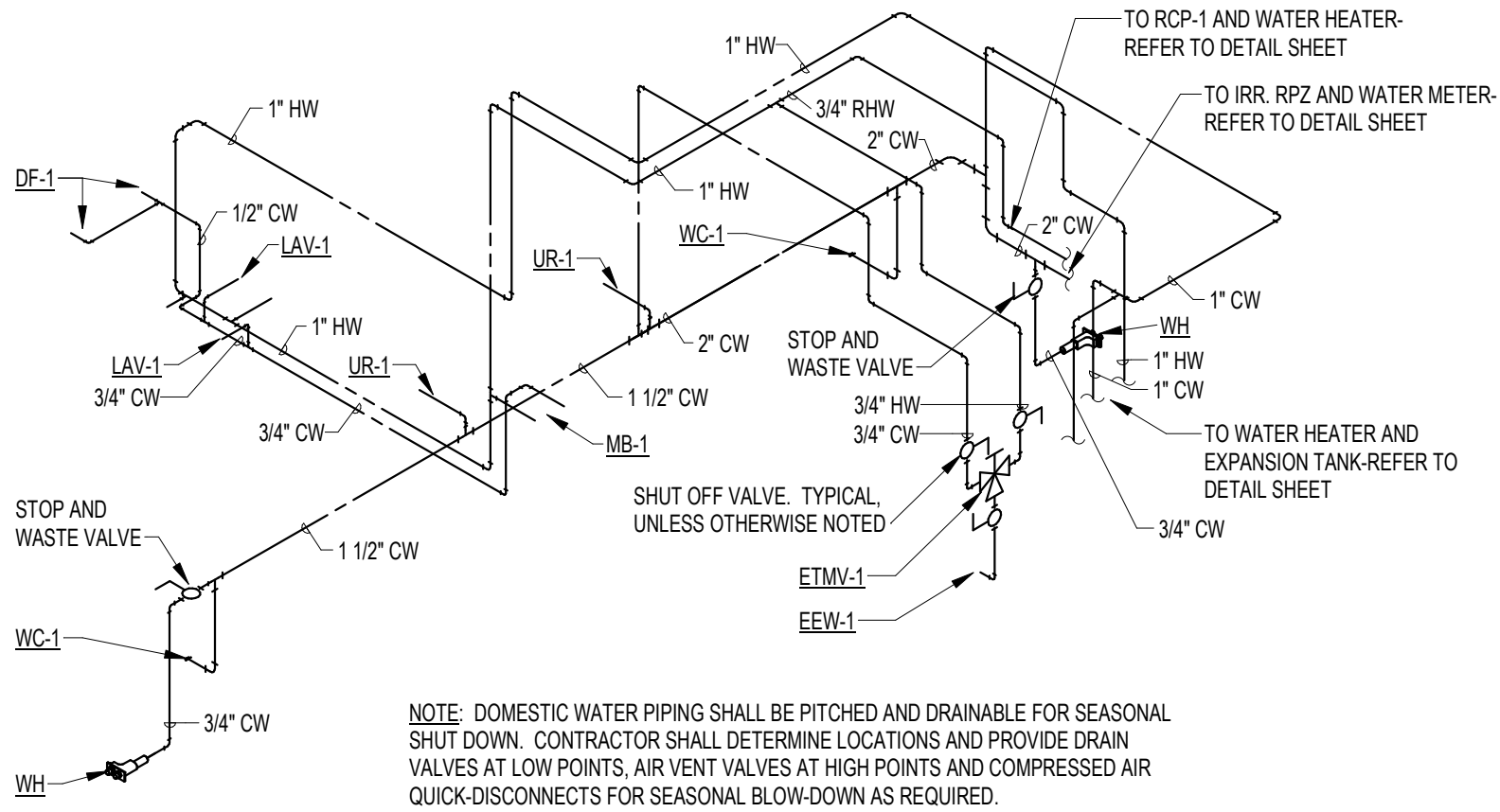
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PLAN NOTES

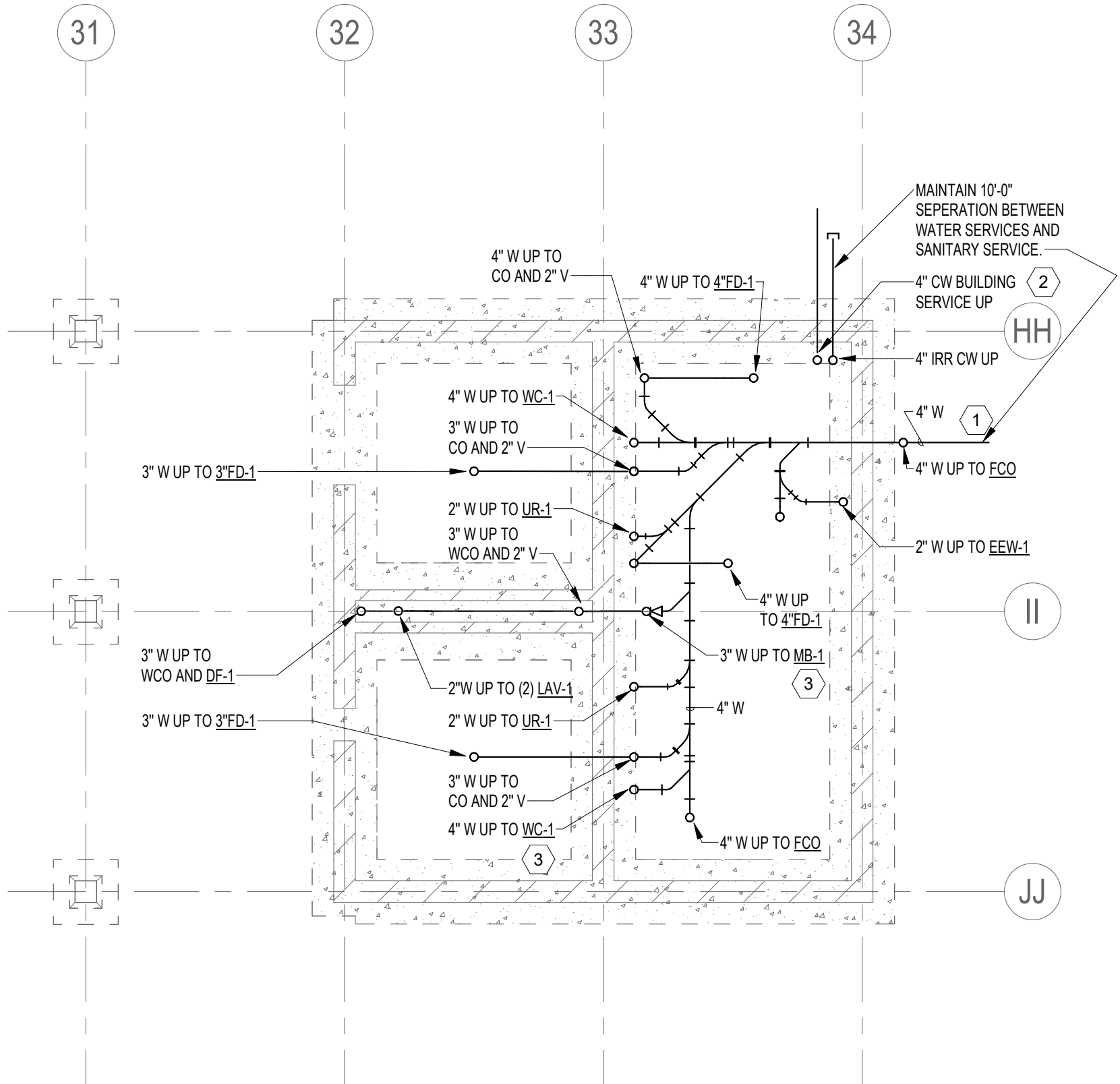
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- DOMESTIC WATER EXPANSION TANK. REFER TO SPECIFICATION SECTION 22.3300 AND DETAIL ON SHEET m3.01.
- IN-LINE DOMESTIC HOT WATER REDIRCULATING PUMP. REFER TO SPECIFICATION SECTION 22.1123, SCHEDULE ON SHEET m2.01, AND DETAIL ON SHEET m3.01.
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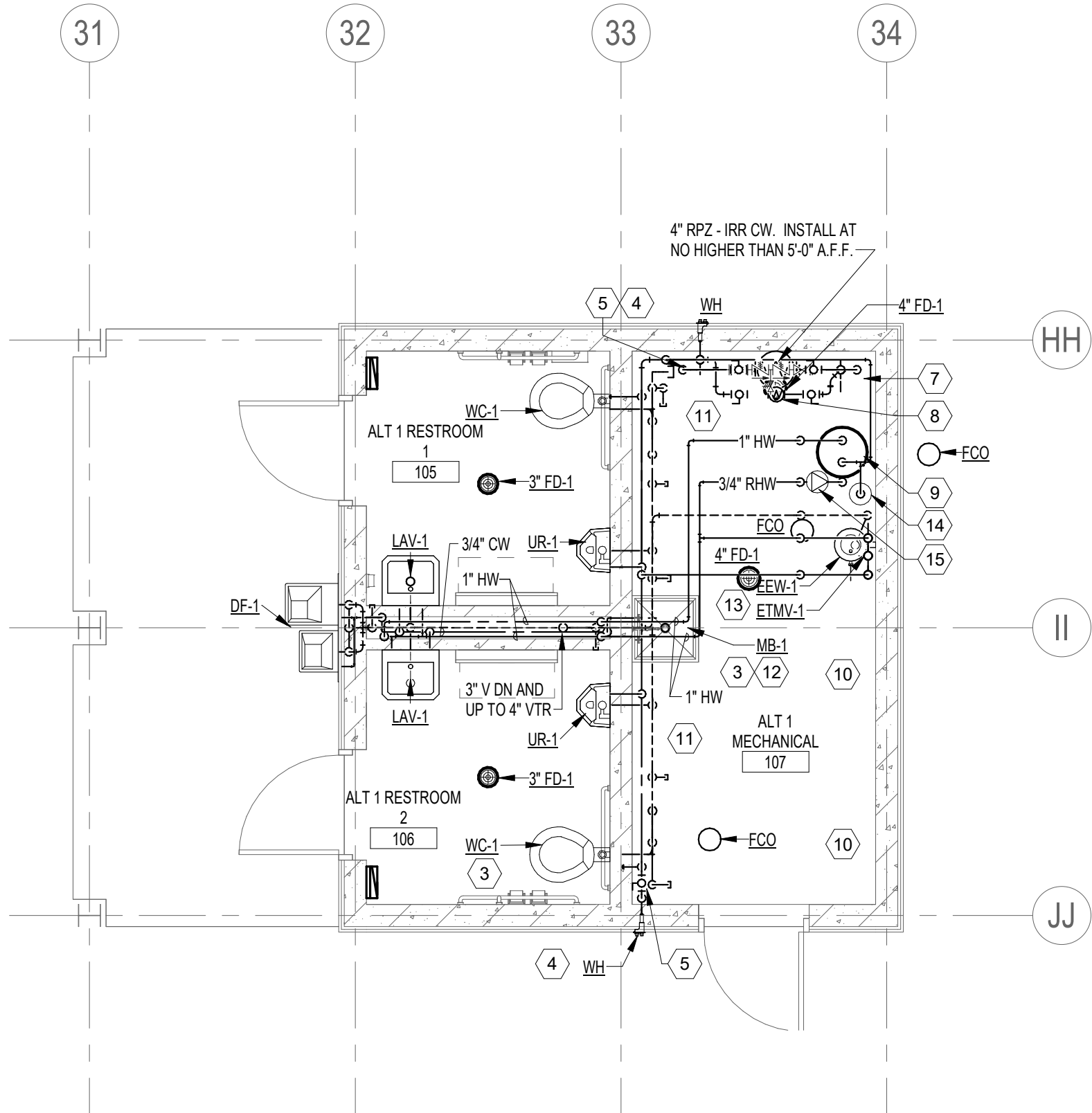
4 PLUMBING RISER DIAGRAM - WASTE AND VENT - BID ALTERNATE
m1.01B-1 NO SCALE



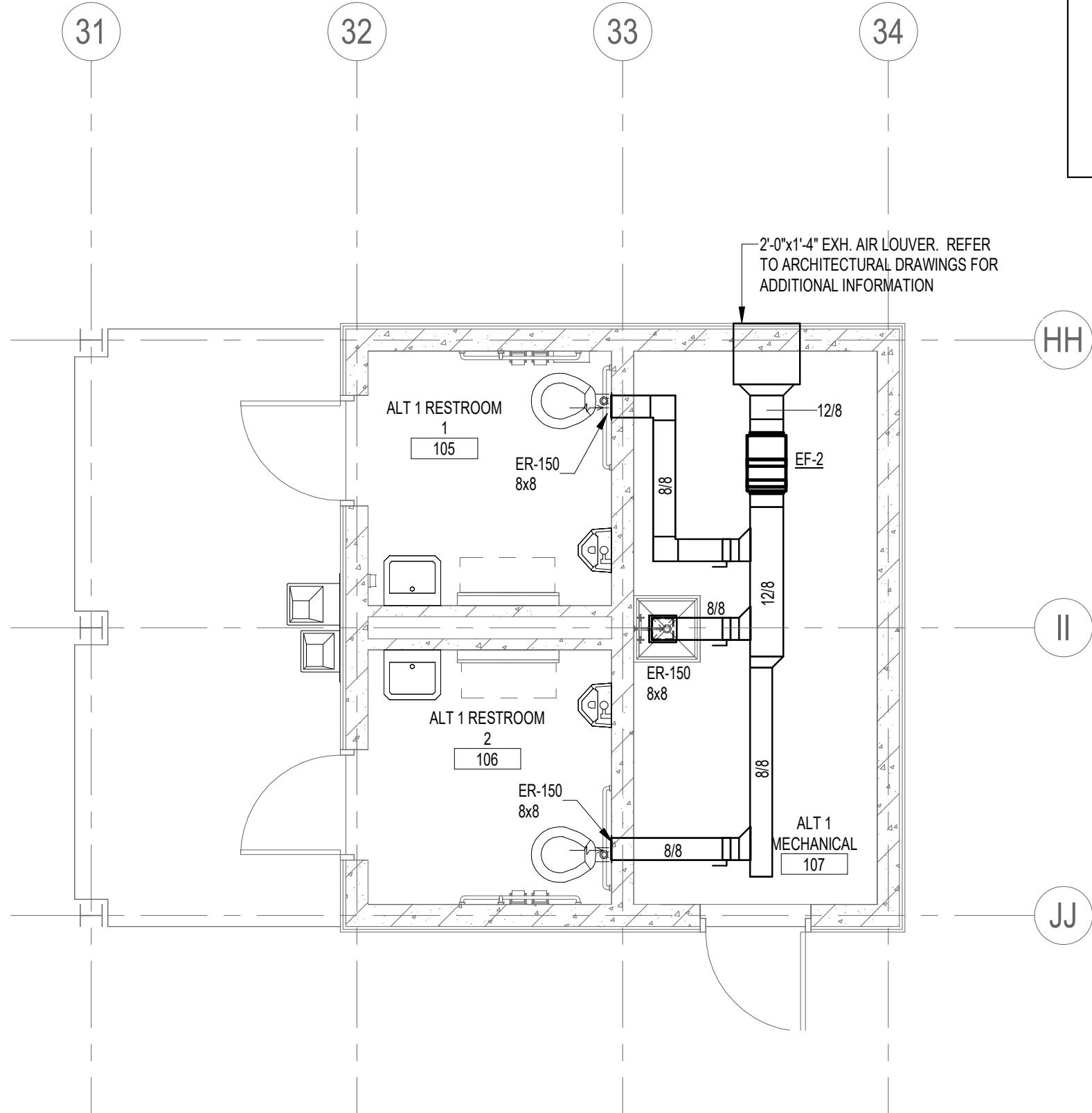
5 PLUMBING RISER DIAGRAM - DOMESTIC WATER - BID ALTERNATE
m1.01B-1 NO SCALE



1 RESTROOM BUILDING - UNDERFLOOR PLUMBING - BID ALTERNATE
m1.01B-1 1/4" = 1'-0"



2 RESTROOM BUILDING - PLUMBING - BID ALTERNATE
m1.01B-1 1/4" = 1'-0"



3 RESTROOM BUILDING - HVAC - BID ALTERNATE
m1.01B-1 1/4" = 1'-0"

PLUMBING ROUGH-IN SCHEDULE							
FIXTURE TAG	FIXTURE TYPE	WASTE	VENT	CW	HW	TW	REMARKS
WC-1	WATER CLOSET	4	2	1-1/2	-	-	WALL HUNG, FLUSH VALVE, ADA
LAV-1	LAVATORY	1-1/2	1-1/2	1/2	1/2	-	WALL HUNG, ADA
UR-1	URINAL	2"	1-1/2"	3/4"	-	-	WALL HUNG, STANDARD AND ADA HEIGHT
MB-1	MOP BASIN	3	1-1/2	3/4	3/4	-	
HB-1	HOSE BIBB	-	-	3/4	-	-	
HB-2	HOSE BIBB	-	-	3/4	3/4	-	
DF-1	EXTERIOR DRINKING FOUNTAIN	1-1/2	1-1/2	3/4	-	-	
WH	WALL HYDRANT	-	-	3/4	-	-	
EEW-1	EMERGENCY EYE/FACE WASH	2	1-1/2	-	-	1/2"	TEMPERED TO 85 DEGREES
ETMV-1	EM. THERMOSTATIC MIXING VALVE	-	-	3/4"	3/4"	-	
2"FD-1 OR 2"FD-2	FLOOR DRAIN	2	1-1/2	-	-	-	
3"FD-1 OR 3"FD-2	FLOOR DRAIN	3	2	-	-	-	
4"FD-1 OR 4"FD-2	FLOOR DRAIN	4	2	-	-	-	
NOTES: REFER TO DIVISION 22 SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.							

ELECTRIC WATER HEATER SCHEDULE									
UNIT TAG	LOCATION	MANUFACTURER	MODEL NO.	TYPE	STORAGE CAPACITY	GPH RECOVERY	TEMPERATURE RISE (F)	ELECTRIC # OF ELEM	REFER TO NOTES
EW-1	MECHANICAL 104/107	BRADFORD WHITE	LD-40S3-3	STORAGE	40	30	80	2	NOTE 1
NOTES: 1. REFER TO SPECIFICATION SECTION 22 3300 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.									

PUMP SCHEDULE											
UNIT TAG	LOCATION	SERVICE	MANUFACTURER	SERIES	MODEL	GPM	FT HD	FLUID	HP	RPM	REFER TO NOTES
RCP-1	MECHANICAL 104/107	DOMESTIC WATER	B & G	ECO-CIRC	XL N 20-35	2	13	WATER	1/12	2800	1, 2
NOTES: 1. REFER TO ELECTRICAL PLANS FOR ELECTRICAL REQUIREMENTS. 2. REFER TO SPECIFICATION SECTION 22 1123 FOR ADDITIONAL REQUIREMENTS. RE-CIRCULATING PUMP SHALL BE PROVIDED BY THE THERMOSTATIC MIXING VALVE MANUFACTURER AS PART OF A PRE-PIPED SYSTEM.											

EXHAUST FAN SCHEDULE										
UNIT NO.	SERVICE	MANUFACTURER	MODEL NO.	TYPE	DRIVE	CFM	ESP (IN. W.C.)	MAX. FAN RPM	HP	REFER TO NOTES
EF-1	101, 102, 103, 104	COOK	120SQN17DEC	INLINE	ECM	600	0.75	1725	1/2	1, 2
EF-2	105, 106, 107	COOK	100SQN17DEC	INLINE	ECM	450	0.75	1725	1/4	1, 2
NOTES: 1. REFER TO SPECIFICATION SECTION 233423 FOR ADDITIONAL REQUIREMENTS. 2. REFER TO ELECTRICAL PLANS FOR ELECTRICAL REQUIREMENTS.										

GRILLES, REGISTERS AND DIFFUSERS SCHEDULE							
TYPE	SERVICE	MANUFACTURER AND MODEL NO.	VOLUME DAMPER	FINISH	FRAME AND BORDER TYPE	MATERIAL	DESCRIPTION
ER	EXHAUST GRILLE	TITUS 350RL	---	WHITE ENAMEL	NOTE 1	STEEL	SEE PLANS FOR GRILLE SIZE
NOTES: 1. CONTRACTOR TO VERIFY WALL TYPE AND PROVIDE PROPER FRAME AND BORDER TYPE.							



1112 North 5th Street
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1624 North Riverfront Drive
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ALLIANCE

Alliance
400 Clifton Avenue
Minneapolis, MN 55403



WSB PROJECT NO.:
020153-000

SCALE: DESIGNED BY:
AS SHOWN SYK
PLAN BY: CHECKED BY:
SYK SSS

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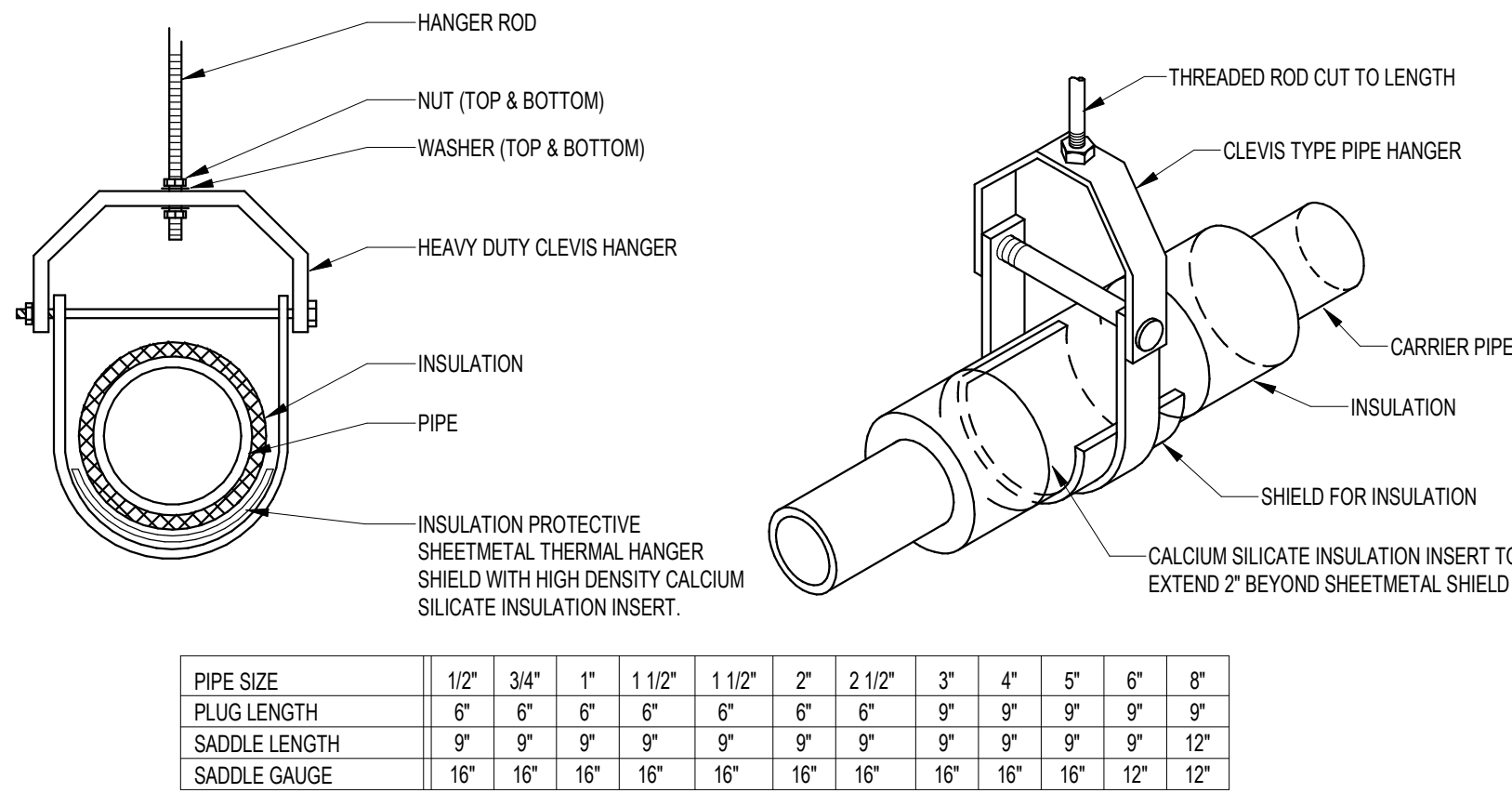
HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

MECHANICAL
SCHEDULES

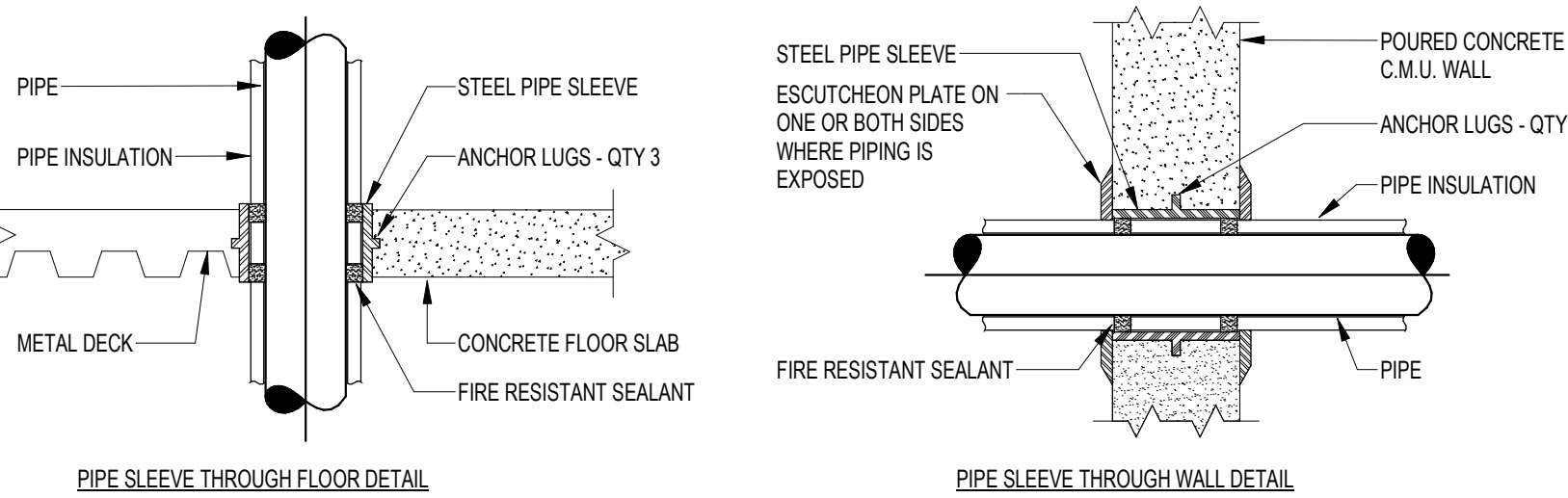
C.P. SHEET

2117 m2.01

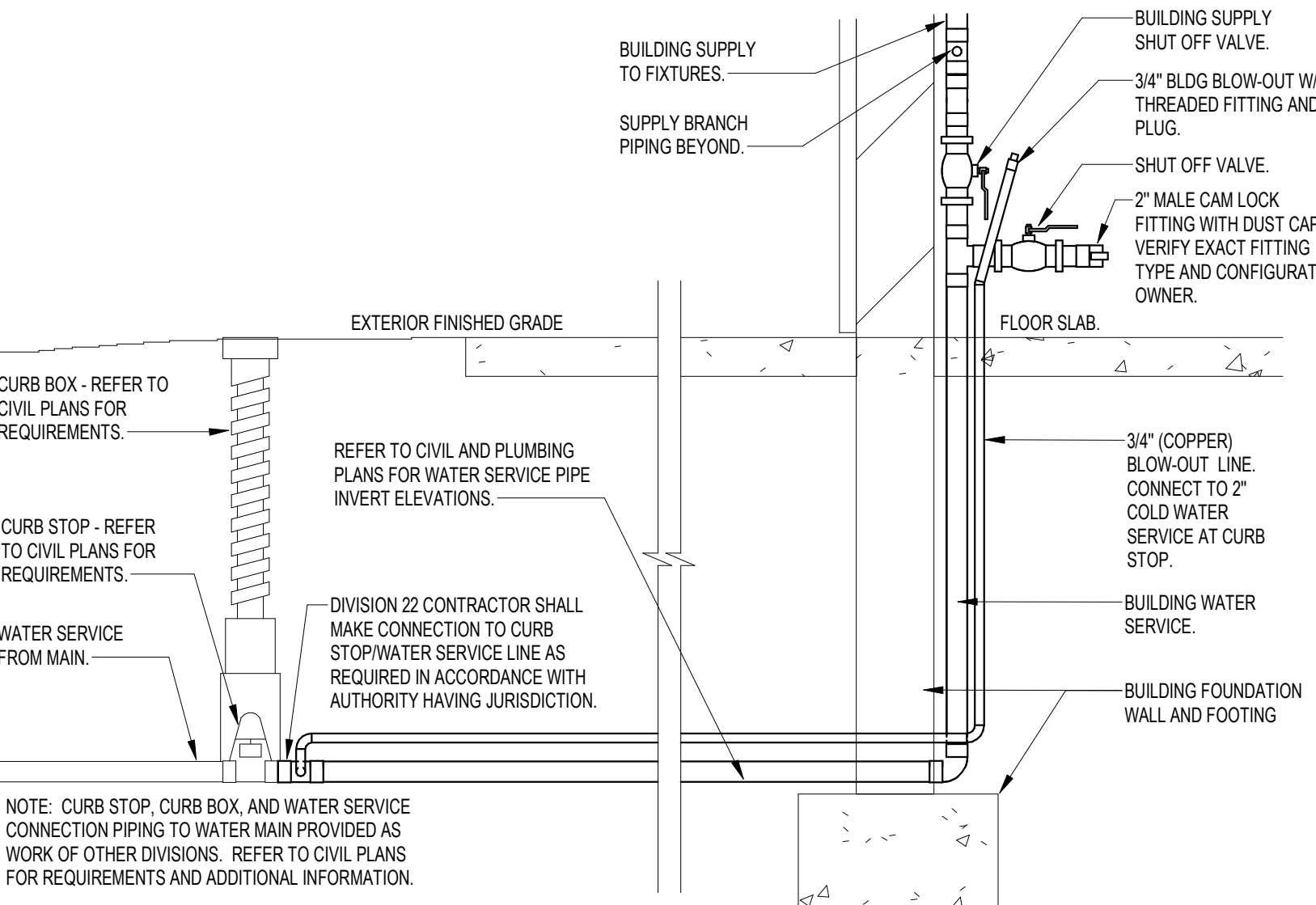
EDI #19-065



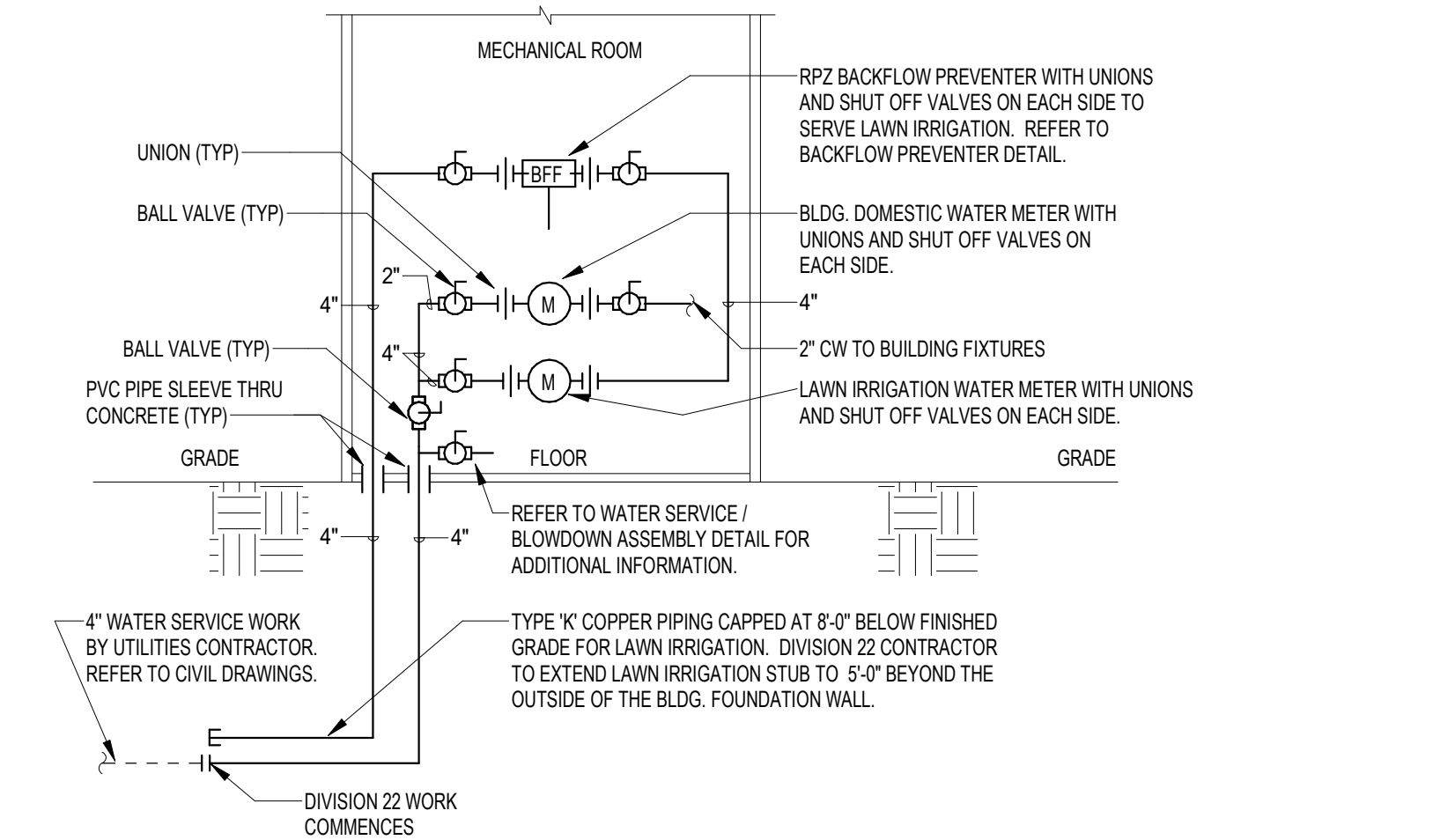
1 PIPE HANGER AND SUPPORT DETAIL
m3.01 NO SCALE



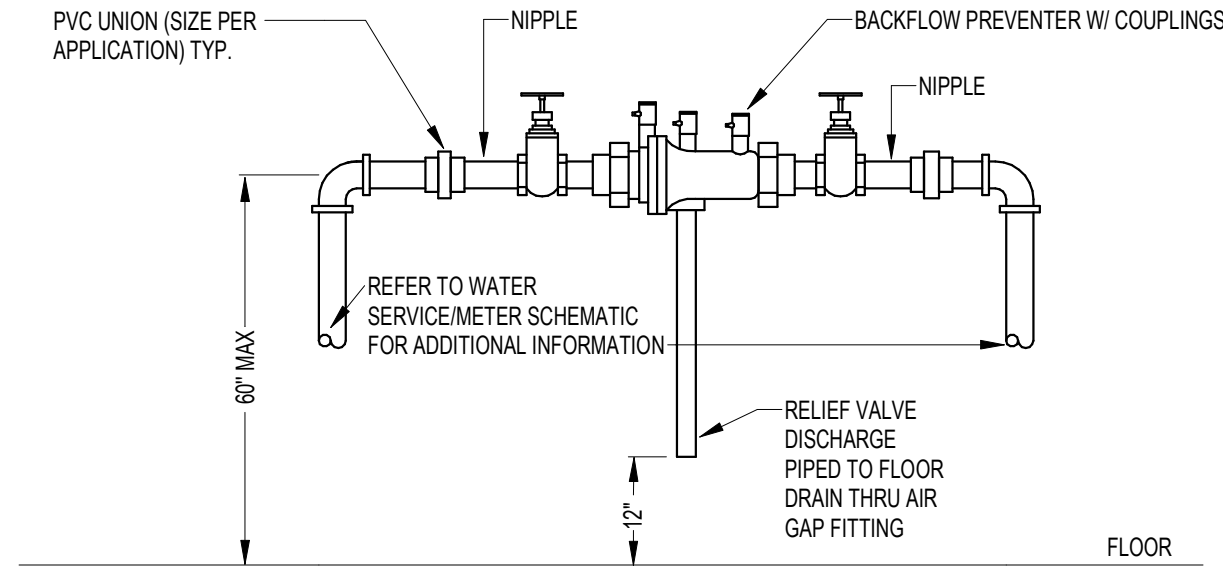
2 PIPE PENETRATION DETAIL
m3.01 NO SCALE



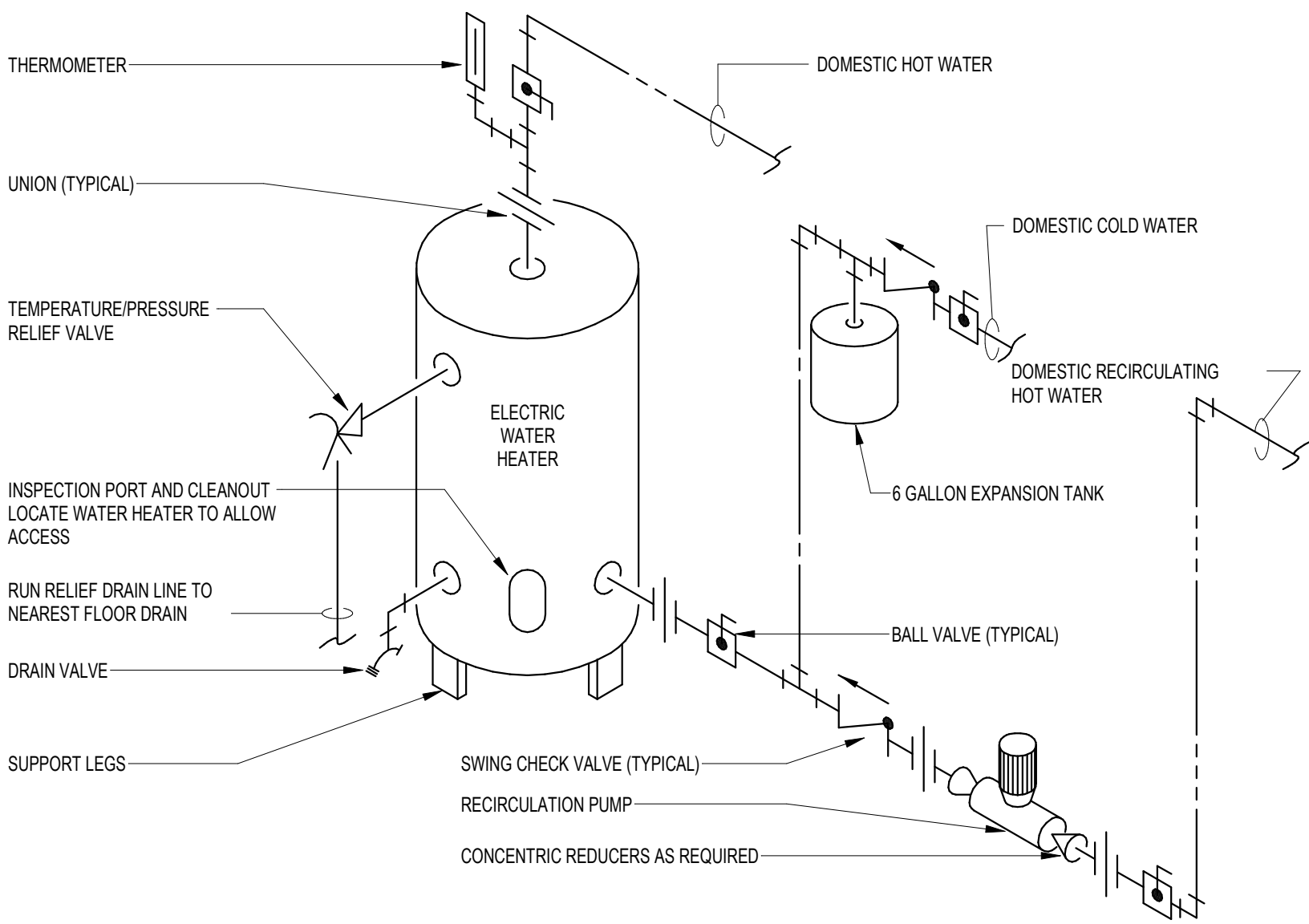
3 WATER SERVICE / BLOWDOWN ASSEMBLY DETAIL
m3.01 NO SCALE



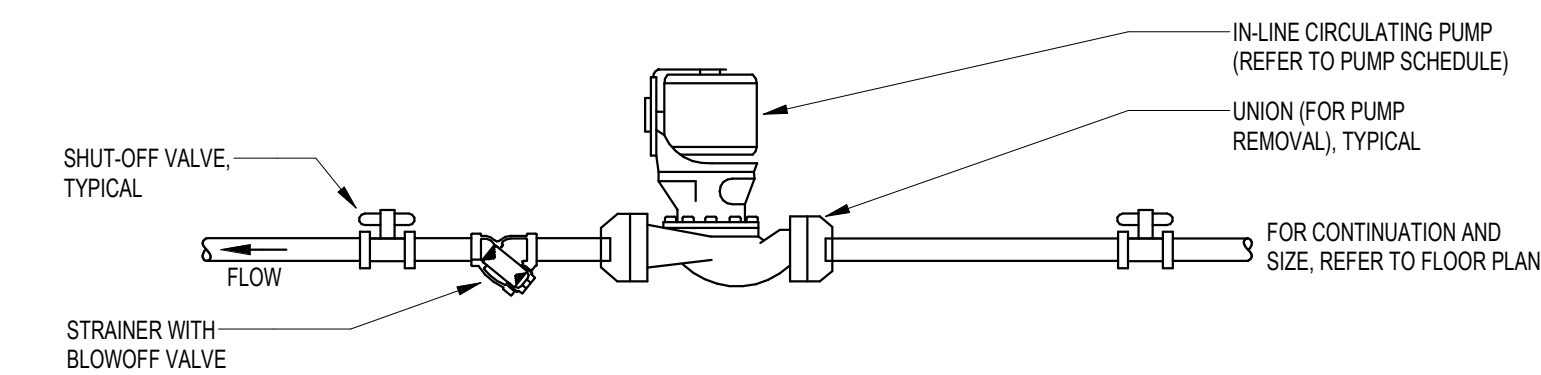
4 WATER SERVICE/METER SCHEMATIC
m3.01 NO SCALE



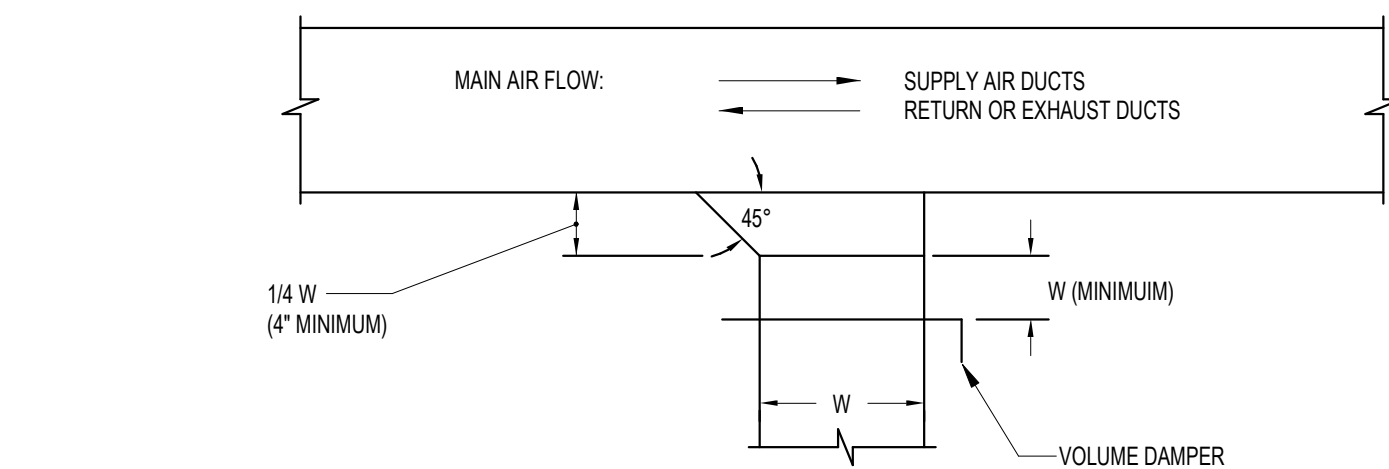
5 BACKFLOW PREVENTER DETAIL
m3.01 NO SCALE



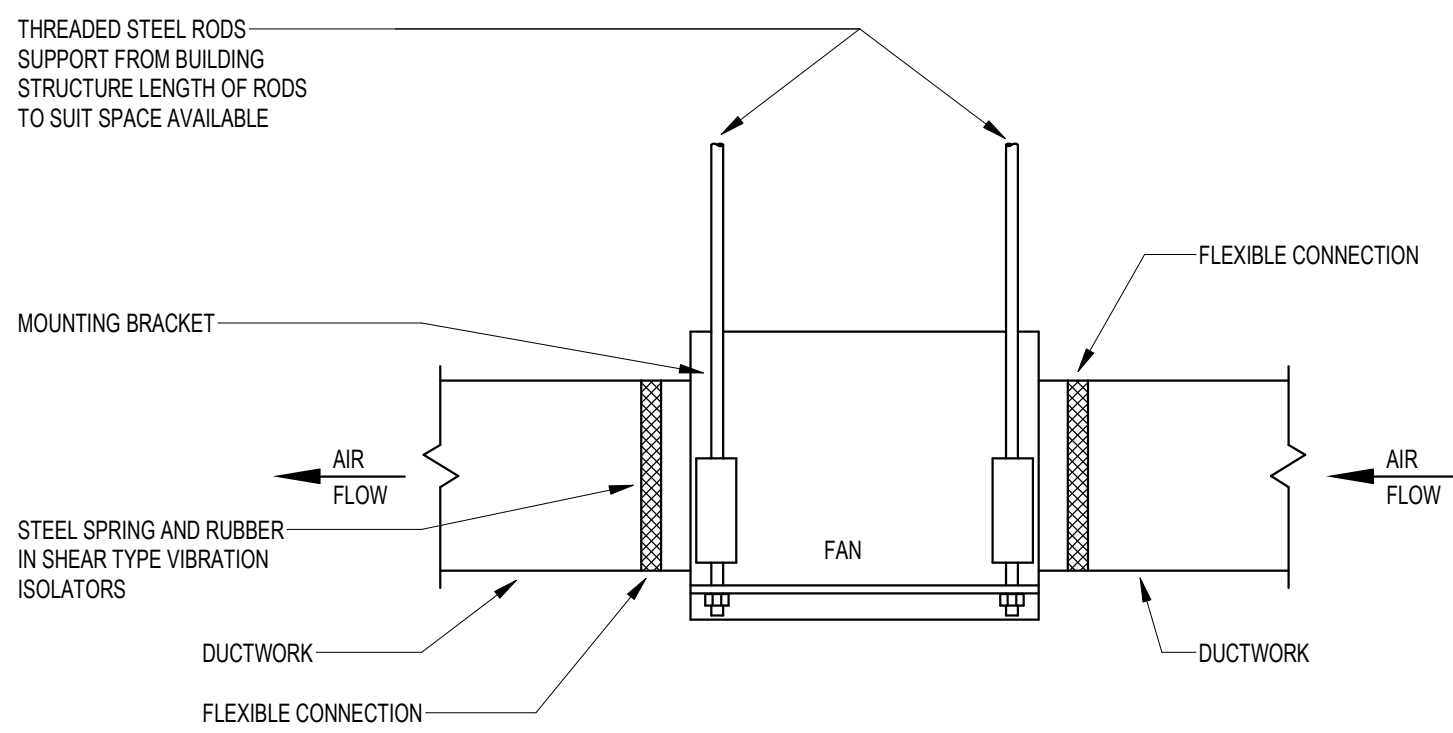
6 ELECTRIC WATER HEATER W/ RECIRC PUMP DETAIL
m3.01 NO SCALE



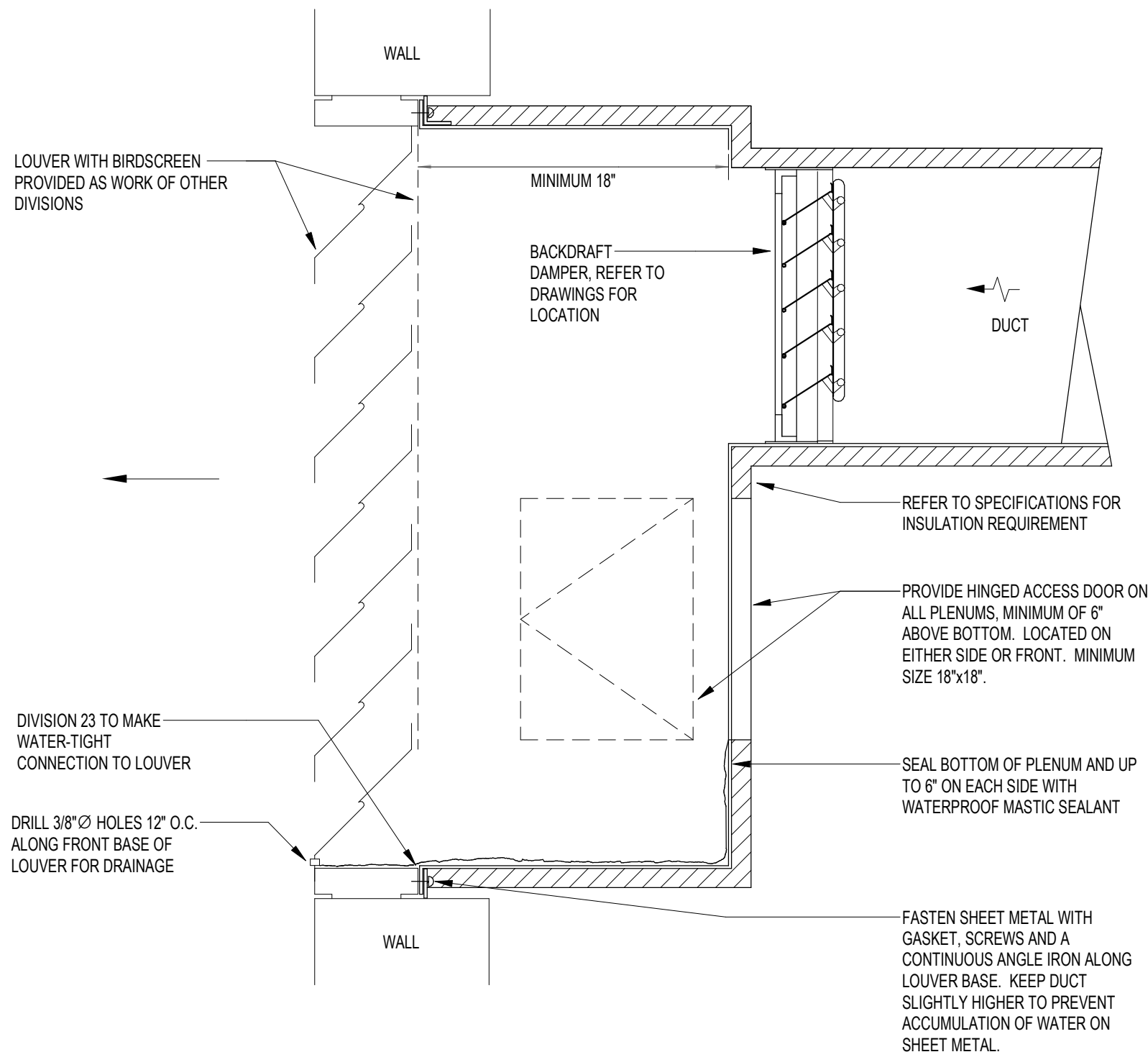
7 INLINE PUMP PIPING - DOMESTIC WATER DETAIL
m3.01 NO SCALE



8 BRANCH DUCT DETAIL
m3.01 NO SCALE



9 CENTRIFUGAL IN-LINE FAN DETAIL
m3.01 NO SCALE



10 AIR LOUVER RELIEF PLENUM DETAIL
m3.01 NO SCALE

wsb

WSB PROJECT NO.:
020153-000

SCALE: AS SHOWN
DESIGNED BY: SYK
PLAN BY: SYK
CHECKED BY: SSS

NO.	DATE	DESCRIPTION

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Steve S. Schreurs
DATE: 06/27/2022 LIC NO: 19622

HERITAGE VILLAGE PARK: PHASE 4 PARK BUILDINGS CITY OF INVER GROVE HEIGHTS

edi-dolejs
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Alliance
400 Clifton Avenue
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C.P. SHEET
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HERITAGE VILLAGE PARK PHASE 4 PARK BUILDINGS

INVER GROVE HEIGHTS, MN

ELECTRICAL DRAWINGS



WSB PROJECT NO.:
020153-000

SCALE: DESIGNED BY:
AS SHOWN LLA
PLAN BY: CHECKED BY:
LLA LB

ELECTRICAL SYMBOL LEGEND

HT AFF	SYMBOL	DESCRIPTION	HT AFF	SYMBOL	DESCRIPTION	HT AFF	SYMBOL	DESCRIPTION	HT AFF	SYMBOL	DESCRIPTION
AS NOTED		SURFACE MOUNTED DOWNLIGHT (TYPE DENOTED)	20"		MULTIOUTLET ASSEMBLY (TYPE DENOTED)	90***		FIRE ALARM HORN	48"		TELEPHONE OUTLET (TYPE DENOTED)
AS NOTED		WALL MOUNTED LIGHT (TYPE DENOTED)	20"		MULTIOUTLET ASSEMBLY (TYPE DENOTED)	90***		FIRE ALARM HORN W/STROBE (CANDELAS)	48****		WALL TELEPHONE OUTLET (TYPE DENOTED)
PER SCHED		RECESSED LIGHT (TYPE DENOTED)	84"		CLOCK (TYPE DENOTED)	90***		FIRE ALARM BELL	48****		INFORMATION OUTLET (TYPE DENOTED)
PER SCHED		POLE MOUNTED LIGHT (TYPE DENOTED)			POWER POLE (OPEN OFFICE STYLE)	90***		FIRE ALARM BELL W/STROBE (CANDELAS)			INTERCOM OUTLET LOCATION
PER SCHED		POLE MOUNTED FLOODLIGHT (TYPE DENOTED)	AS NOTED		SPECIAL RECEPT. OR CONN. (SEE SCHEDULE)	90***		FIRE ALARM CHIME			TELEVISION OUTLET
		SURFACE LIGHT (TYPE DENOTED)	AS NOTED		SPECIAL CONNECTION (SEE SCHEDULE)	90***		FIRE ALARM CHIME W/STROBE (CANDELAS)			MULTIPLE SERVICE OUTLET (TYPE DENOTED)
		SUSPENDED OR PENDANT LIGHT (TYPE DENOTED)			JUNCTION BOX	90***		FIRE ALARM STROBE (CANDELAS)			CEILING MOUNT WIRELESS ACCESS POINT
		RECESSED LIGHT (TYPE DENOTED)			PULL BOX	90***		FIRE ALARM STROBE W/STROBE (CANDELAS)			DICTIONARY OUTLET LOCATION
		STRIP LIGHT (TYPE DENOTED)			GROUND ROD (PLAN VIEW)	90***		FIRE ALARM SPEAKER (CANDELAS)			END OF LINE RESISTOR
AS NOTED		TRACK AND TRACK LIGHT (TYPES DENOTED)			GROUND CONNECTION TO STEEL OR STRUCTURE	90***		FIRE ALARM SPEAKER W/STROBE (CANDELAS)			MUSHROOM SWITCH
96"		EMERGENCY BATTERY LIGHT (TYPE DENOTED)			GROUND CONNECTION - EXOTHERMIC WELD	90***		FIRE ALARM REMOTE ANNUNCIATOR			DICTIONARY OUTLET LOCATION
12"		EXIT SIGN (TYPE DENOTED)			UTILITY SERVICE POWER POLE (SITE)	90***		SMOKE DETECTOR (TYPE DENOTED)	48"		WALL DICTIONARY OUTLET LOCATION
AS NOTED		LIGHT FIXTURE WITH EMERGENCY BALLAST	VERIFY		SURFACE BRANCH CIRCUIT PANEL (250-V OR LESS)	48"		HEAT DETECTOR (TYPE & TEMP DENOTED)	48****		EQUIPMENT GROUND OUTLET
AS NOTED		SUSPENDED OR PENDANT LIGHT WITH EMERGENCY BALLAST	VERIFY		RECESSED BRANCH CIRCUIT PANEL (250-V OR LESS)	48"		LINEAR HEAT DETECTOR			START/STOP PUSH BUTTON STATION
AS NOTED		LIGHT ON CORD REEL (TYPE DENOTED)	VERIFY		SURFACE BRANCH CIRCUIT PANEL (277/480 VOLT)	48"		F.A. PULL STATION			ADJUST DOOR OPENER
AS NOTED		LIGHTING CHANNEL WIRE (TYPE DENOTED)	VERIFY		RECESSED BRANCH CIRCUIT PANEL (277/480 VOLT)	48"		F.A. ZONE ADDRESSABLE MODULE			DURESS PUSHBUTTON - SURFACE MOUNTED
			VERIFY		POWER OR DISTRIBUTION PANEL	48"		F.A. INDIVIDUAL ADDRESSABLE MODULE			DURESS PUSHBUTTON - WALL MOUNTED
48"		SINGLE POLE SW.	VERIFY		SWITCHBOARD MAIN	48"		F.A. DOOR HOLDER			INMATE WALL PHONE (TYPE DENOTED)
48"		2 POLE SINGLE THROW SW.	VERIFY		TRANSFORMER (TYPE DENOTED)	48"		F.A. DOOR CLOSER			VIDEO VISITATION (TYPE DENOTED)
48"		3-WAY SW.	VERIFY			48"		FIRE ALARM SHUT DOWN RELAY			KEYED NOTE (SEE SCHEDULE)
48"		4-WAY SW.	VERIFY			48"		SPRINKLER FLOW SWITCH			RELAY NUMBER
48"		KEYED SW.	VERIFY			48"		SPRINKLER VALVE TAMPER SWITCH			KITCHEN EQUIPMENT TAG (SEE SCHEDULE)
48"		SW. W/Pilot	VERIFY			48"		SPRINKLER LEVEL SWITCH			DASHED SYMBOL INDICATES REMOVED
48"		SEPARATE PILOT LIGHT	VERIFY			48"		SPRINKLER PRESSURE SWITCH			EXISTING TO REMAIN
48"		DIMMER SWITCH	VERIFY			48"		SPRINKLER TEMPERATURE SWITCH			
48"		OCCUPANCY SENSOR SWITCH	48"		GENERATOR (KVA DENOTED)	48"		END OF LINE RESISTOR			
48"		MOMENTARY CONTACT SWITCH	72***		MOTOR (SEE SCHEDULE)	48"		DICTIONARY OUTLET LOCATION			
48"		TIMER SWITCH	72***		DAMPER MOTOR	48"		MULTIPLE SERVICE OUTLET (TYPE DENOTED)			
48"		TIME DELAY SWITCH	72***		MANUAL MTR. STR. (W/OVERLOADS)	48"		CEILING MOUNT WIRELESS ACCESS POINT			
48"		FAN SPEED CONTROL	72***		MAG. MOTOR STARTER OR CONTACTOR	48"		DICTIONARY OUTLET LOCATION			
48"		MOTOR HORSEPOWER RATED SWITCH	72***		COMB. MOTOR STARTER (NON-FUSED)	48"		END OF LINE RESISTOR			
			AS NOTED		COMB. MOTOR STARTER (FUSED)	48"		DICTIONARY OUTLET LOCATION			
					SAFETY DISC. SW. (NON-FUSED)	48"		DICTIONARY OUTLET LOCATION			
					SAFETY DISC. SW. (FUSED)	48"		DICTIONARY OUTLET LOCATION			
					BUS DUCT WITH PLUG UN DISCONNECT (FUSED)	48"		DICTIONARY OUTLET LOCATION			
					VARIABLE FREQUENCY DRIVE	48"		DICTIONARY OUTLET LOCATION			
48"		PUSH BUTTON	72***		RELAY	48"		DICTIONARY OUTLET LOCATION			
20"		SINGLE RECEPT.	72***		ENCLOSED CIRCUIT BREAKER	48"		DICTIONARY OUTLET LOCATION			
20"		DUPLEX RECEPT.	72***		PRESSURE SWITCH	48"		DICTIONARY OUTLET LOCATION			
20"		SPLIT DUPLEX RECEPT.			FLOAT SWITCH	48"		DICTIONARY OUTLET LOCATION			
20"		ISOLATED GROUND RECEPT. (DUPLEX SHOWN)			OCCUPANCY SENSOR - TYPE DENOTED	48"		DICTIONARY OUTLET LOCATION			
20"		RECEPT ON EMERGENCY CKT. (DUPLEX SHOWN)			LIGHT LEVEL SENSOR - TYPE DENOTED	48"		DICTIONARY OUTLET LOCATION			
20"		FOURPLEX RECEPT.	AS NOTED		PHOTOCELL	48"		DICTIONARY OUTLET LOCATION			
20"		FOURPLEX RECEPTACLE ON EMERGENCY CIRCUIT			TIME CONTROL SWITCH (TIME SWITCH)	48"		DICTIONARY OUTLET LOCATION			
20"		240 VOLT RECEPT.	48"		HUMIDISTAT	48"		DICTIONARY OUTLET LOCATION			
20"		DUPLEX RECEPT. (RELAY CONTROLLED)	48"		THERMOSTAT	48"		DICTIONARY OUTLET LOCATION			
20"		FOURPLEX RECEPT. (RELAY CONTROLLED)			SOLENOID VALVE	48"		DICTIONARY OUTLET LOCATION			
AS NOTED		RECEPT ON DROP CORD (DUPLEX SHOWN)			EQUIPMENT PLUG	48"		DICTIONARY OUTLET LOCATION			
AS NOTED		RECEPT ON CORD REEL (DUPLEX SHOWN)				48"		DICTIONARY OUTLET LOCATION			

ALL DISTANCES ARE TO CENTER OF DEVICE OR EQUIPMENT UNLESS OTHERWISE NOTED. DEVICES INDICATED AT 48" MAY NOT BE INSTALLED WITH ANY OPERABLE PART HIGHER THAN 48". DEVICES MAY BE INSTALLED IN CONCRETE MASONRY UNITS WITH THE TOP OF THE DEVICE AT 48".

* DISTANCE ABOVE TOP OF DOOR FRAME

** DISTANCE TO TOP OF EQUIPMENT OR DEVICE

*** DISTANCE TO HIGHEST OPERABLE PART OF EQUIPMENT

**** DISTANCE BELOW CEILING

***** DISTANCE TO BOTTOM OF DEVICE

ELECTRICAL ABBREVIATIONS

1P	1 POLE (2P, 3P, 4P, ETC.)	FU	FUSE	PA	PUBLIC ADDRESS
A	AMPERE	FUDS	FUSED SAFETY DISCONNECT SWITCH	PE	PULL BOX OR PUSHBUTTON
AC	ABOVE COUNTER OR AIR CONDITIONER			PEB	PNEUMATIC ELECTRIC
ACLG	ABOVE CEILING	GA	GAUGE	PF	POWER FACTOR
ADO	AUTOMATIC DOOR OPENER	GALV	GALVANIZED	PH	PHASE
AF	AMP FRAME	GC	GENERAL CONTRACTOR	PW	POST INDICATING VALVE
AFF	ABOVE FINISHED FLOOR	GEN	GENERATOR	PML	PANEL
AFG	ABOVE FINISHED GRADE	GFI	GROUND FAULT CIRCUIT INTERRUPTER	PP	POWER POLE
AFI	ARC FAULT CIRCUIT INTERRUPTER	GFP	GROUND FAULT PROTECTOR	PR	PAIR
AHU	AIR HANDLING UNIT	GND	GROUND	PRJ	PROJECTION
AL	ALUMINUM	GRS	GALVANIZED RIGID STEEL (CONDUIT)	PRV	POWER ROOF VENTILATOR
ALT	ALTERNATE	GYP BD	GYPSON BOARD	PT	POTENTIAL TRANSFORMER
AMP	AMPERE	HOA	HANDS-OFF AUTOMATIC SWITCH	PVC	POLYVINYL CHLORIDE (CONDUIT)
AMPL	AMPLIFIER	HORIZ	HORIZONTAL	PWR	POWER
ANUN	ANNUNCIATOR	HP	HORSEPOWER	QUAN	QUANTITY
APPROX	APPROXIMATELY	HPF	HIGH POWER FACTOR	ROPT	RECEPTACLE
AQ-STAT	AQUASTAT	HT	HEIGHT	RECD	RECEIVED
ARCH	ARCHITECT, ARCHITECTURAL	HTG	HEATING	RM	ROOM
AS	AMP TRIP	HTR	HEATER	RSC	RIGID STEEL CONDUIT
AT	AUXILIARY	HVAC	HIGH VOLTAGE HEATING, VENTILATING AND AIR CONDITIONING	RTU	ROOF TOP UNIT
ATS	AUTOMATIC TRANSFER SWITCH	HWP	HYDROIC WATER PUMP	SC	SURFACE CONDUIT
AUTO	AUTOMATIC	IC	INTERRUPTING CAPACITY	SEC	SECONDARY
AUX	AUXILIARY	IG	ISOLATED GROUND	SEM	SEMI
AV	AUDIO VISUAL	IMC	INTERMEDIATE METAL CONDUIT	SIN	SOLID NEUTRAL
AWG	AMERICAN WIRE GAUGE	INCAND	INCANDESCENT	SIS	STOP/START PUSHBUTTONS
BATT	BATTERY	INFR	INFRARED	SPKR	SPEAKER
BD	BOARD	INT	INTERLOCK WITH	SPR	SPARE
BLDG	BUILDING	J-BOX	JUNCTION BOX	SR	SURFACE RACEWAY
BMS	BUILDING MANAGEMENT SYSTEM	KB	KEYBOARD	SSW	STAINLESS STEEL
C	CONDUIT	KV	KILOVOLT	SSW	STOP/START PUSHBUTTONS
CAB	CABINET	KVA	KILOVOLT-AMPERE	STA	STATION
CAT	CATALOG	KVAR	KILOVOLT-AMPERE REACTIVE	STD	STANDARD
CATV	CABLE TELEVISION	KW	KILOWATT	STF	SURFACE MOUNTED
CB	CIRCUIT BREAKER	KWH	KILOWATT HOUR	SW	SWITCH
CCTV	CLOSED CIRCUIT TELEVISION	LOC	LOCATE OR LOCATION	SWBD	SWITCHBOARD
CKT	CIRCUIT	LT	LIGHT	SYS	SYSTEM
CLG	CEILING	LTG	LIGHTING	SYM	SYMMETRICAL
COMB	COMBINATION	LTNG	LIGHTING	SYS	SYSTEM
CMPR	COMPRESSOR	LV	LOW VOLTAGE	TEL	TELEPHONE
CONN	CONNECTION	MAX	MAXIMUM	TELDATA	TELEPHONE DATA
CONST	CONSTRUCTION	MAG S	MAGNETIC STARTER	TERM	TERMINAL
CONT	CONTINUATION OR CONTINUOUS	MC	MOMENTARY CONTACT	TR	TAMPER RESISTANT
CONTR	CONTRACTOR	MCC	MECHANICAL CONTRACTOR	T-STAT	THERMOSTAT
CONV	CONVECTOR	MCB	MAIN CIRCUIT BREAKER	TT	TELEPHONE TERMINAL
CP	CIRCULATING PUMP	MCC	MOTOR CONTROL CENTER	TV	TELEVISION
CRT	CATHODE-RAY TUBE	MDC	MAIN DISTRIBUTION CENTER	TVC	TELEVISION CABINET
CT	CURRENT TRANSFORMER	MDP	MAIN DISTRIBUTION PANEL	TVT	TELEVISION TERMINAL
CTR	CENTER	MFR	MANUFACTURER	TYC	TYPICAL
CU	COPPER	MFS	MAIN FUSED DISCONNECT SWITCH	UC	UNDER COUNTER
DOP	DOMESTIC WATER CIRCULATING PUMP	MH	MAIN FUSED DISCONNECT SWITCH	UE	UNDERGROUND ELECTRICAL
DEPT	DEPARTMENT	MN	MINIATURE	UG	UNDERGROUND
DET	DETAIL	MIC	MICROPHONE	UH	UNIT HEATER
DIA	DIAMETER	MIN	MINIMUM	UL	UNDERGROUND TELEPHONE
DISC	DISCONNECT	MISC	MISCELLANEOUS	UTL	UTILITY
DIST	DISTRIBUTION	MLO	MAIN LOGS ONLY	UV	UNIT VENTILATOR OR ULTRAVIOLET
DN	DOWN	MMS	MAIN MOTOR STARTER	V	VOLT
DRP	DAMPER	MOA	MULTIOUTLET ASSEMBLY	V	VOLT-AMPERES
DS	SAFETY DISCONNECT SWITCH	MSP	MOTOR STARTER PANELBOARD	VDT	VIDEO DISPLAY TERMINAL
DT	DOUBLE THROW	MSD	MAIN SWITCHBOARD	VERT	VERTICAL
DWG	DRAWING	MT	EMPTY CONDUIT	VFD	VARIABLE FREQUENCY DRIVE
EC	ELECTRICAL CONTRACTOR	MTS	MANUAL TRANSFER SWITCH	VOL	VOLUME
ELEC	ELECTRICAL	MTR	MOTOR, MOTORIZED	W	WATT
ELEV	ELEVATOR	N.C.	NORMALLY CLOSED	WI	WITH
EM	EMERGENCY	NEC	NATIONAL ELECTRICAL CODE	WG	WIRE GUARD
EMS	ENERGY MANAGEMENT SYSTEM	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION	WH	WATER HEATER
EMT	ELECTRICAL METALLIC TUBING	NFOS	NON-FUSED SAFETY DISCONNECT SWITCH	WO	WITHOUT
EP	ELECTRIC PNEUMATIC EQUIPMENT	NC	NORMALLY OPEN	WP	WEATHERPROOF
EWC	ELECTRIC WATER COOLER	NF	NORMALLY OPEN	XPMR	TRANSFORMER
EXIST	EXISTING	NPS	NOMINAL POWER FACTOR	XPR	TRANSFER
EXH	EXHAUST	NTS	NOT TO SCALE		
EXP	EXPLOSION PROOF				
FA	FIRE ALARM				
FABP	FIRE ALARM BOOSTER POWER SUPPLY PANEL				
FACP	FIRE ALARM CONTROL PANEL				
FCU	FAN COIL UNIT	OH	OVERHEAD		
FIXT	FIXTURE	OL	OVERLOADS		
FLR	FLOOR				
FLOOR	FLOURESCENT	PA	PUBLIC ADDRESS		
		PB	PULL BOX OR PUSHBUTTON		

ELECTRICAL SYMBOL NOTES

	TYPICAL LIGHT FIXTURE LABELING RELAY NUMBER (IF APPLICABLE) SWITCH DESIGNATION LIGHT FIXTURE TYPE CIRCUIT NUMBER PANEL NAME
	TYPICAL RECEPTACLE LABELING CIRCUIT NUMBER PANEL NAME RELAY CONTROLLED RECEPTACLE LABELING RELAY NUMBER (IF APPLICABLE) PANEL NAME / CIRCUIT NUMBER SEE RELAY PANEL SCHEDULED AND/OR SHEET NOTES FOR ADDITIONAL INFORMATION.
	TYPICAL FLOORBOX & POKE THROUGH LABELING QUANTITY OF DUPLEX RECEPTACLES CIRCUIT NUMBER(S) PANEL NAME QUANTITY OF DATA CABLE CONNECTIONS QUANTITY OF DATA CABLE CONNECTIONS
	EXIT LIGHTS. STEM INDICATES WALL MOUNTING. NO STEM INDICATES CEILING MOUNTING. SHADED AREA INDICATES ILLUMINATED FACE(S). ARROW INDICATES DIRECTIONAL ARROW ON ILLUMINATED FACE(S).
	THE CONTROL DEVICE DESIGNATION IS INDICATED BY A LOWER CASE LETTER. EXAMPLE: SWITCH, OCCUPANCY SENSOR AND DAYLIGHT SENSOR WITH "S" TO CONTROL LIGHTING FIXTURES WITH SWITCH DESIGNATION INDICATED BY "S" INSIDE A ROOM/AREA.
	THE CONTROL DEVICE WITH A NUMBER WITHIN OR CHARACTER ADJACENT TO THE MOTOR SYMBOL. SEE THE MOTOR AND EQUIPMENT SCHEDULE FOR THE MOTOR DESCRIPTION AND ELECTRICAL REQUIREMENTS.
	TRANSFORMERS. THE TRANSFORMER TYPE IS INDICATED BY A NUMBER FOLLOWING THE UPPER CASE LETTER "T". SEE THE TRANSFORMER SCHEDULE OR THE SINGLE LINE DIAGRAM FOR THE TRANSFORMER DESCRIPTION AND REQUIREMENTS. EXAMPLE: TRANSFORMER TYPE "T1".
	PANELBOARDS. PANELBOARD DOORS MAY BE SHOWN TO INDICATE OPENING SIDE OF RECESSED PANELBOARDS. SEE PANELBOARD IDENTIFICATION FOR DESIGNATION CODES.
	PLAN NOTE. SEE THE PLAN NOTES ON THAT SHEET FOR THE NOTE NUMBER INDICATED IN THE HEXAGON.
	HOME RUN TO BRANCH CIRCUIT PANELBOARD. THE PANELBOARD DESIGNATION IS SHOWN ADJACENT TO THE HOME RUN ARROW AS A NUMERATOR AND THE CIRCUIT DESIGNATION IS SHOWN AS THE DENOMINATOR. CIRCUIT BREAKER SIZES (AMPS/NUMBER OF POLES) ARE SHOWN IN THE PANELBOARD SCHEDULE WITH THE CORRESPONDING PANELBOARD AND CIRCUIT DESIGNATION. EXAMPLE: HOME RUN TO PANELBOARD LPN-102; CIRCUITS 1, 3, 5.

ELECTRICAL SHEET INDEX

e0.01	ELECTRICAL TITLE SHEET
e1.01	OVERALL SITE PLAN - ELECTRICAL
e2.01A	ELECTRICAL FLOOR PLANS - ROUNDHOUSE
e2.01B	ELECTRICAL FLOOR PLANS - RESTROOMS BASE BIDS
e2.01B-1	ELECTRICAL FLOOR PLANS - RESTROOMS BID ALT 1
e2.01C	ELECTRICAL FLOOR PLANS - BENCH SHELTER
e3.01	SCHEDULES AND RISER DIAGRAM
e4.01	ELECTRICAL DETAILS

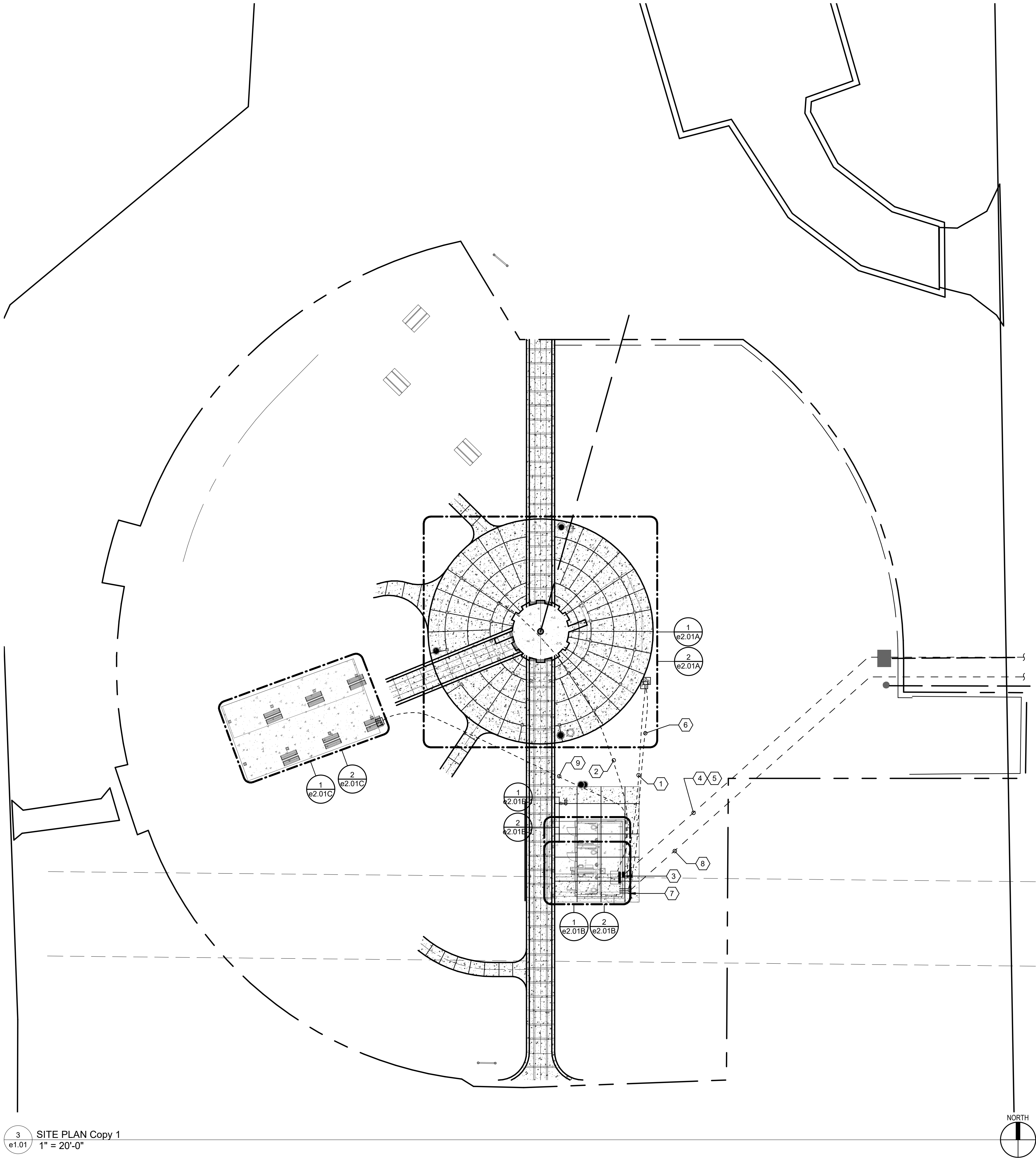
SPECIFIC CODE NOTES

- PENETRATIONS IN WALLS REQUIRING PROTECTED OPENINGS MUST BE FIRESTOPPED WITH AN APPROVED MATERIAL.
 - CONDUITS MAY PENETRATE WALLS OR PARTITIONS, PROVIDED THEY ARE FIRE-STOPPED.
- OPENINGS FOR STEEL ELECTRICAL BOXES NOT EXCEEDING 16 SQUARE INCHES ARE PERMITTED PROVIDED OPENINGS DO NOT AGGREGATE MORE THAN 100 SQUARE INCHES FOR ANY 100 SQUARE FEET OF WALL OR PARTITION.
 - OUTLET BOXES ON OPPOSITE SIDES OF WALLS OR PARTITIONS MUST BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES.
- LIGHT FIXTURES AND OTHER APPARATUS SUPPORTED BY THE ACOUSTICAL CEILING GRID MUST MEET THE REQUIREMENTS OF NEC SECTION 410.16, MEANS OF SUPPORT.
- RECESSED LIGHTING FIXTURES INSTALLED IN FIRE RATED CEILING ASSEMBLIES SHALL BE FIRE RATED FIXTURES BEARING THE UL FIRE RATED LABEL. FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE UL FIRE RESISTANCE DIRECTORY, AND SHALL INCLUDE A FIRE RATED ENCLOSURE INSTALLED OVER THE FIXTURE THAT MEETS THE REQUIREMENTS OF THE UL FIRE RESISTANCE DIRECTORY.



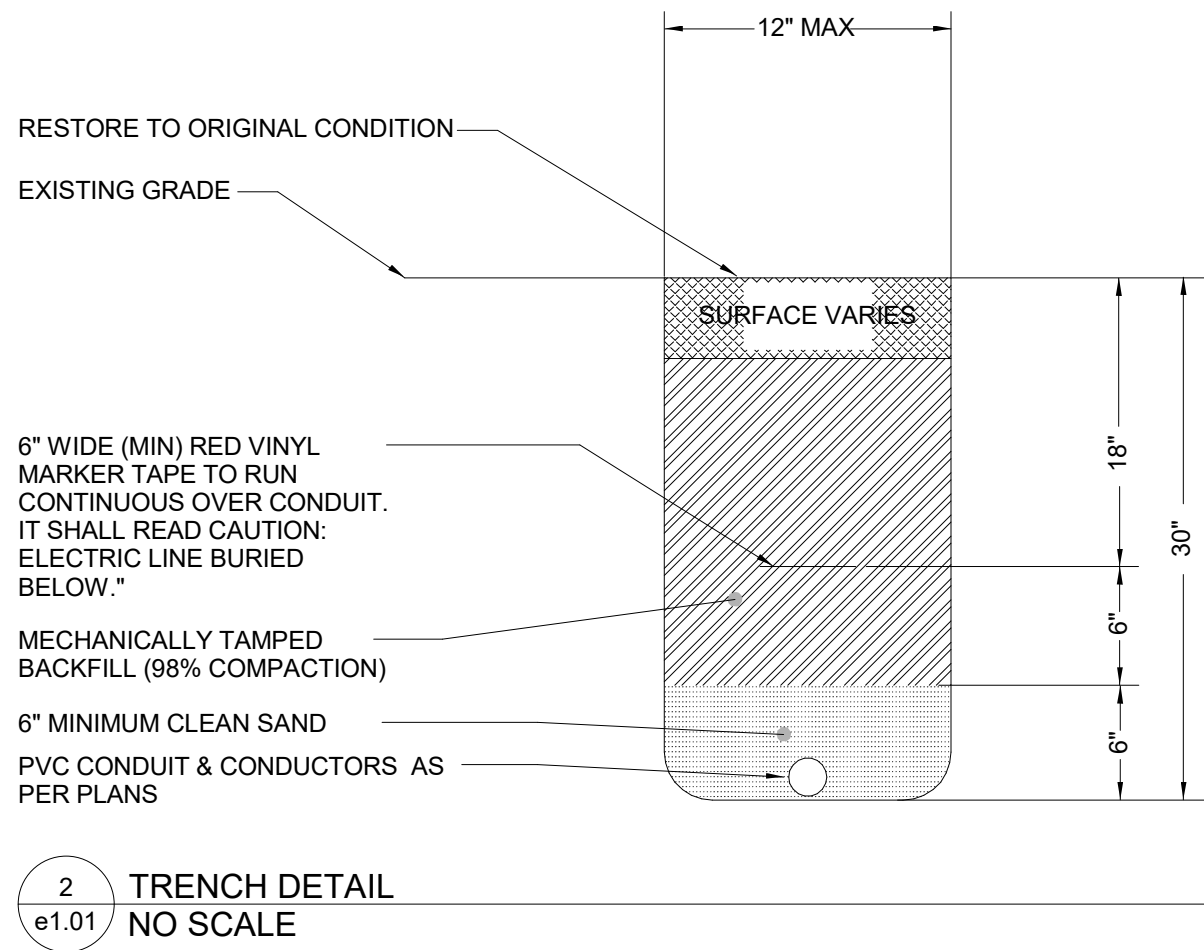
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(612)



3 SITE PLAN Copy 1
e1.01 1" = 20'-0"

- PLAN NOTES**
1. PROVIDE (4) UNDERGROUND 120-VOLT CIRCUITS. PROVIDE (3) CIRCUIT FOR SHELTER RECEPTACLES UTILIZE (2) #4 PLUS (1) #8 GROUND EACH AND PROVIDE (1) CIRCUIT FOR SHELTER LIGHTING UTILIZE (2) #10 PLUS (1) #10 GROUND. ALL CABLES TO BE ROUTED IN TWO (2) 1-1/2" CONDUIT.
 2. PROVIDE (2) #4 AWG PLUS (1) #8 IN 1-1/2" CONDUIT FOR EVENT POWER RECEPTACLE.
 3. FURNISH AND INSTALL A 200-AMP 240/120-VOLT, 3-WIRE METER SOCKET TO ACCOMMODATE NEW METER COORDINATE WIT XCEL ENERGY FOR REQUIREMENTS.
 4. FURNISH AND INSTALL A 200-AMP, 240/120-VOLT, 3-WIRE UNDERGROUND SERVICE FROM THE XCEL UTILITY POLE ACROSS THE ROAD TO METER LOCATION. CONTRACTOR SHALL MAKE APPLICATION TO THE UTILITY FOR SERVICE ON BEHALF OF THE OWNER AND ARRANGE FOR INSTALLATION.
 5. CONTRACTOR SHALL FURNISH AND INSTALL THREE (3), 4/0 AWG PLUS ONE (1) #2 AWG GROUND IN A 3" CONDUIT FROM METER TO UTILITY POLE. CONTRACTOR SHALL DIRECTIONAL BORE ACROSS ROAD AND RUN UP THE UTILITY SERVICE POLE ON THE EAST SIDE OF STREET. TERMINATE IN A WEATHERHEAD WITH PIGTAILS FOR CONNECTION TO THE UTILITY FEED. COORDINATE POLE LOCATION WITH UTILITY. ALLOW FOR 150-FEET OF SERVICE LENGTH FOR ROAD CROSSING AND WIRING UP POLE.
 6. PROVIDE TWO (2) 1" EMPTY CONDUITS WITH NYLON PULL STRING TO MECHANICAL ROOM FOR CAMERA AND WAP DEVICES. STUB INTO LOW VOLTAGE SIDE OF HAND HOLE. DEVICES AND CABLING BY OTHERS.
 7. PROVIDE TWO (2) 1" CONDUIT APPROXIMATELY 10'-0" OUTSIDE OF BUILDING FOR FUTURE SECURITY AND CCTV. SPACE 6" BETWEEN, CAP CONDUITS, AND CLEARLY LABEL LOCATION OF CONDUITS.
 8. PROVIDE ONE (1) 4" EMPTY CONDUIT WITH NYLON PULL STRING FROM MECHANICAL ROOM TO LOCAL UTILITY ACCESS POINT FOR FIBER. FIBER BY LOCAL UTILITY. COORDINATE EXACT LOCATION WITH LOCAL UTILITY. ALLOW FOR 150-FEET OF SERVICE LENGTH FOR ROAD CROSSING. TERMINATE IN A QUARTZITE HANDHOLE TYPE PC1324BA24 OR EQUAL COMPLETE WITH BOLTED COVER AND "COMMUNICATIONS" LOGO, SUITABLE FOR OFF ROAD APPLICATIONS, MIN. 15,000 LBS.
 9. PROVIDE (3) UNDERGROUND 120-VOLT CIRCUITS. PROVIDE (3) CIRCUIT FOR SHELTER RECEPTACLES UTILIZE (2) #4 PLUS (1) #8 GROUND EACH AND PROVIDE (1) CIRCUIT FOR SHELTER LIGHTING UTILIZE (2) #10 PLUS (1) #10 GROUND. ALL CABLES TO BE ROUTED IN 1-1/2" CONDUIT.



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020153-000

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AS SHOWN LLA
PLAN BY: CHECKED BY:
LLA LB

REVISIONS

NO.	DATE	DESCRIPTION

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Jay S. Hruby
Jay S. Hruby P.E.

DATE: 06-27-2022 LIC NO: 40290

HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

OVERALL SITE
PLAN -
ELECTRICAL

C.P. SHEET

2117 **e1.01**

EDI #19-065

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HERITAGE VILLAGE PARK: PHASE 4
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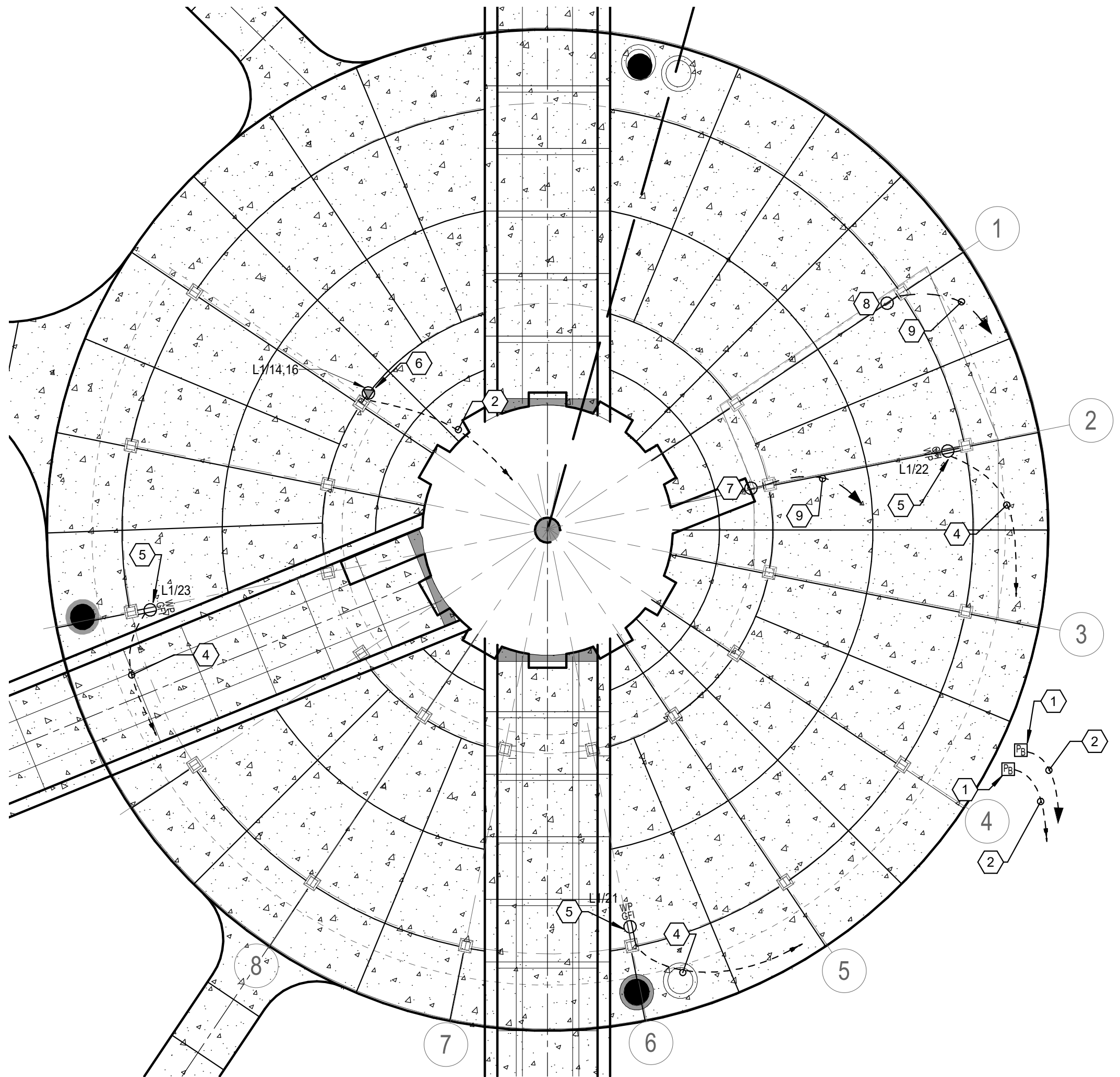
ELECTRICAL
FLOOR PLANS -
ROUNDHOUSE

GENERAL NOTES

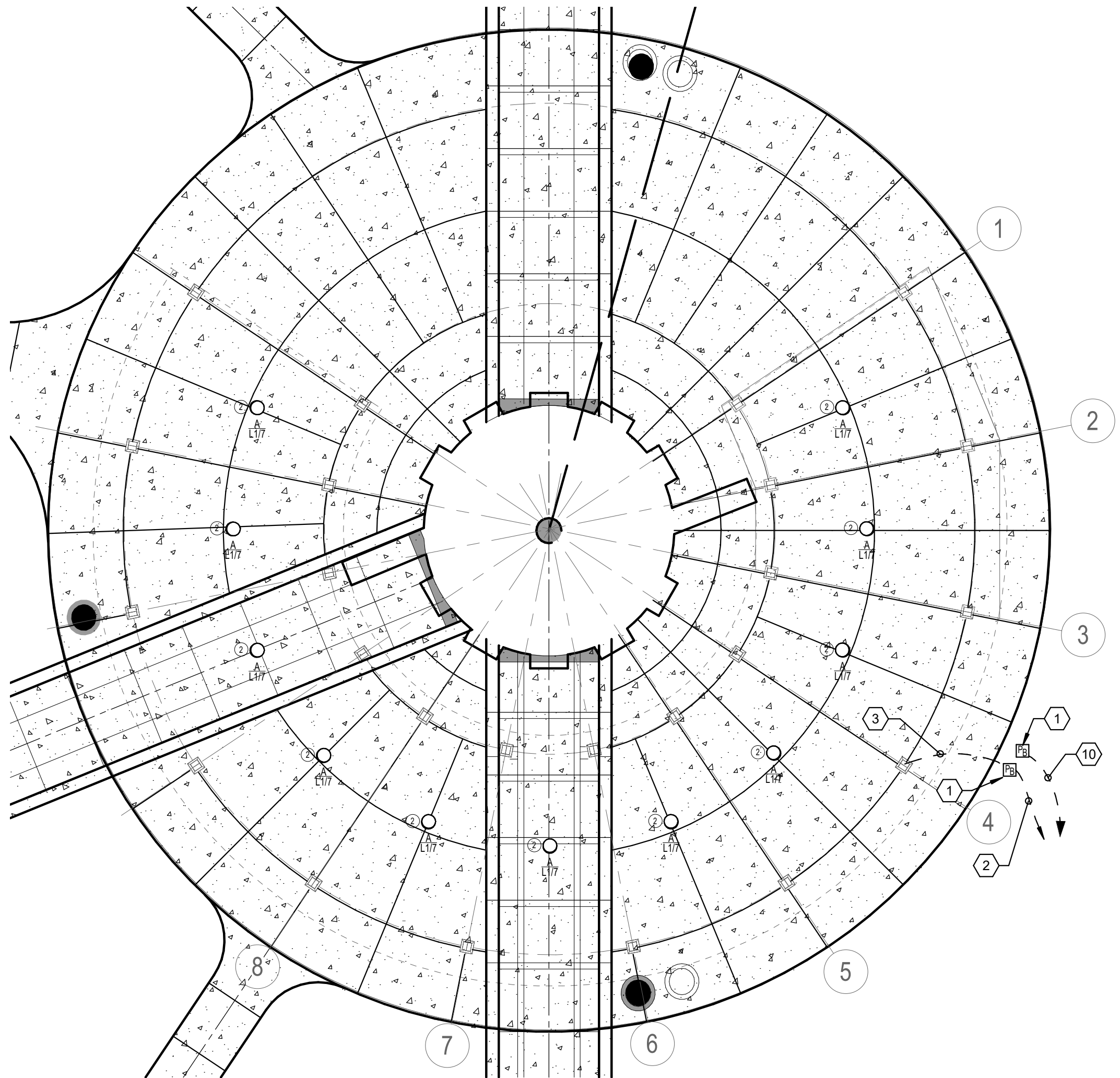
- ALL EXPOSED EXTERIOR CONDUCTORS AND JUNCTION BOXES SHALL BE GALVANIZED WITH RUST/CORROSION PROTECTION.
- ALL EXTERIOR RECEPTACLES SHALL HAVE LOCKABLE STEEL COVER PLATES. COLOR BY ARCHITECT.
- CONCEAL AND ROUTE ALL CONDUITS ABOVE UNDERSIDE OF ROOF STRUCTURE, WHERE POSSIBLE, FOR LIGHT FIXTURE INSTALLATION.
- CONCEAL ALL CONDUITS IN WEBS FOR DEVICES MOUNTED TO THE COLUMN AND FOR CONDUITS ROUTED INTO ROOF STRUCTURE FOR LIGHTING.
- CONCEAL ALL CONDUITS FROM BUILDING AND PULLBOXES UNDER FOOTING, FOUNDATIONS, AND CONCRETE SLABS OF PAVILION. STUB CONDUITS UP THROUGH SLABS AT EACH DEVICE LOCATION.
- COORDINATE EXACT MOUNTING HEIGHTS OF ALL DEVICES WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.
- COORDINATE EXACT CONDUIT PATHWAYS WITH ARCHITECT AND STRUCTURAL PRIOR TO INSTALLATION.
- COORDINATE EXACT SLEEVES AND STUB-UP LOCATIONS THROUGH FOUNDATION/SLAB AND ROOF WITH ARCHITECT/STRUCTURAL PRIOR TO ROUGH-INS.

PLAN NOTES

- PROVIDE 13"x24"x24" L OUTDOOR JUNCTION BOX (QUAZITE PG1324BA24 SERIES OR APPROVED EQUAL) INSTALL ADJACENT TO SHELTER COLUMN FLUSH WITH FLOOR. PROVIDE COMPLETE WITH BOLTED COVER AND "ELECTRICAL LOGO" SUITABLE FOR OFF ROAD APPLICATIONS. ROUTE CONDUITS FROM BOX THROUGH SHELTER COLUMNS AS INDICATED.
- SEE SHEET e1.01 FOR ADDITIONAL INFORMATION.
- PROVIDE (2) #10 PLUS (1) #10 GROUND IN 1/2" CONDUIT. ROUTE CONDUIT UP COLUMN AND ACROSS TO LIGHT FIXTURES ON CEILING.
- PROVIDE (2) #10 PLUS (1) #10 GROUND FOR EACH RECEPTACLE IN 1/2" CONDUIT. ROUTE CONDUIT FROM PULLBOX UP COLUMN TO RECEPTACLE.
- FURNISH AND INSTALL AN OUTDOOR GFCI RECEPTACLE IN A WEATHER PROOF DIECAST METAL BOX MOUNTED ON THE INSIDE OF SHELTER COLUMN AT 24" AFF. PROVIDE AN IN-USE STEEL WEATHER PROOF COVER SIMILAR TO BELL #5881-0 OR APPROVED EQUAL.
- PROVIDE 50-AMP, 120/240-VOLT RECEPTACLE AT THIS LOCATION FOR EVENT POWER. UTILIZE (2) #4AWG PLUS (1) #8 IN 1-1/2" CONDUIT. MOUNT NEMA 10-50R RECEPTACLE IN A WEATHERPROOF DIECAST METAL BOX AT 24" ABOVE FINISHED FLOOR. PROVIDE AND IN-USE WEATHER PROOF COVER TO SUIT RECEPTACLE. REFER TO PLAN NOTE #2 ON SHEET e1.01 FOR MORE DETAILS.
- PROVIDE 4-INCH JUNCTION BOX MOUNTED ON THE INSIDE OF SHELTER COLUMN AT 6-IN BELOW PAVILION CEILING FOR WIRELESS ACCESS POINT (WAP). WAP AND CABLING BY OWNER'S IT VENDOR.
- PROVIDE 4-INCH JUNCTION BOX MOUNTED ON THE INSIDE OF SHELTER COLUMN AT 6-INCH BELOW PAVILION CEILING FOR CCTV CAMERA. CAMERA AND CABLING BY OWNER'S IT VENDOR.
- PROVIDE 1" CONDUIT WITH NYLON PULL STRING TO PULLBOX. ROUTE CONDUITS IN COLUMN THROUGH FLOOR TO PULLBOX. COORDINATE EXACT ROUTING PATHWAY WITH ARCHITECT AND STRUCTURAL. REFER TO ARCHITECTURAL DETAILS FOR ADDITIONAL REQUIREMENTS.
- PROVIDE TWO (2) 1" EMPTY CONDUITS WITH NYLON PULL STRING TO MECHANICAL ROOM FOR CAMERA AND WAP DEVICES. DEVICES AND CABLING BY OTHERS.



2 ROUNDHOUSE FLOOR PLAN - POWER & SYSTEMS
e2.01A 1/8" = 1'-0"



1 ROUNDHOUSE FLOOR PLAN - LIGHTING
e2.01A 1/8" = 1'-0"

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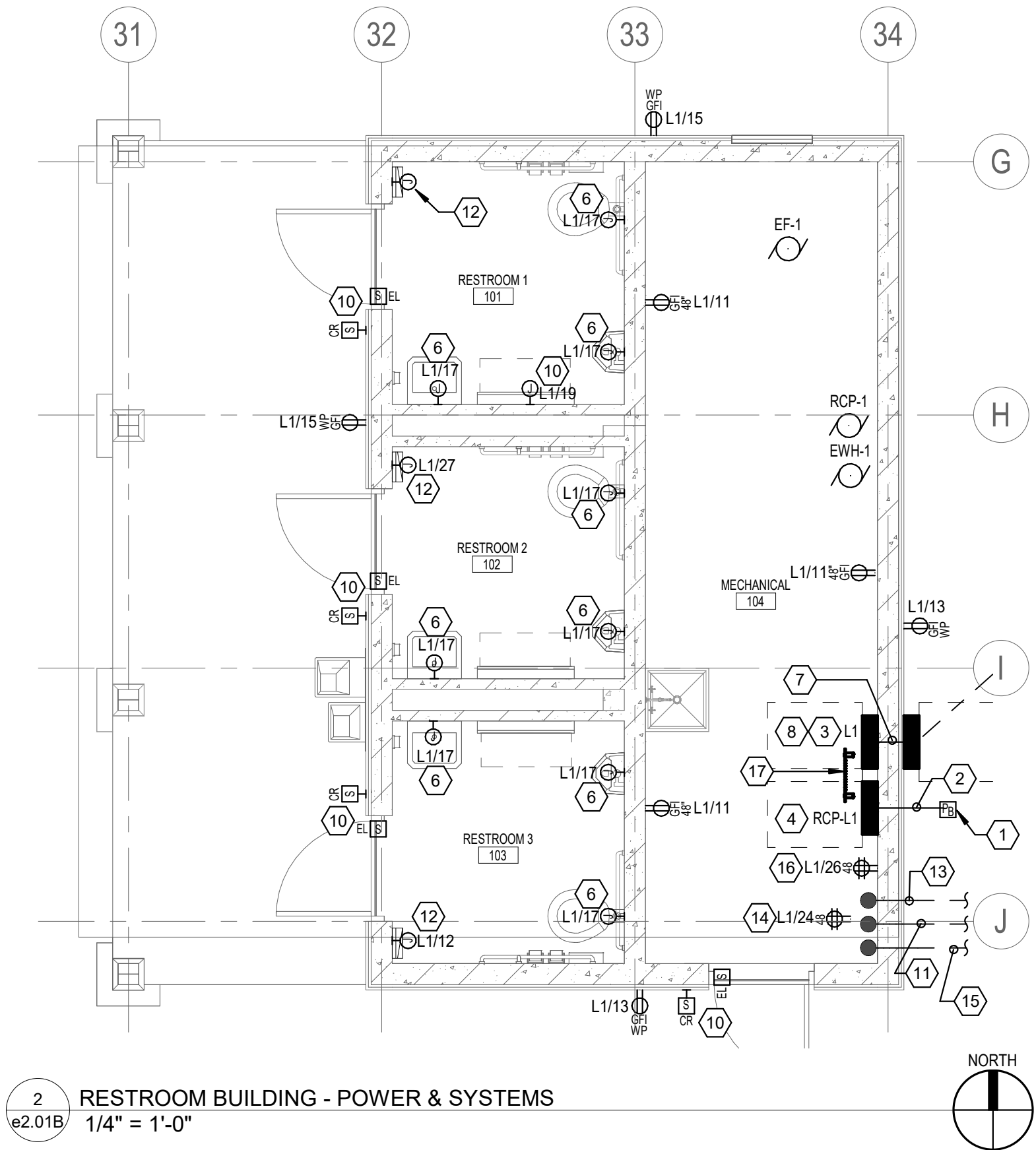
ALLIANCE

Alliance
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Minneapolis, MN 55403

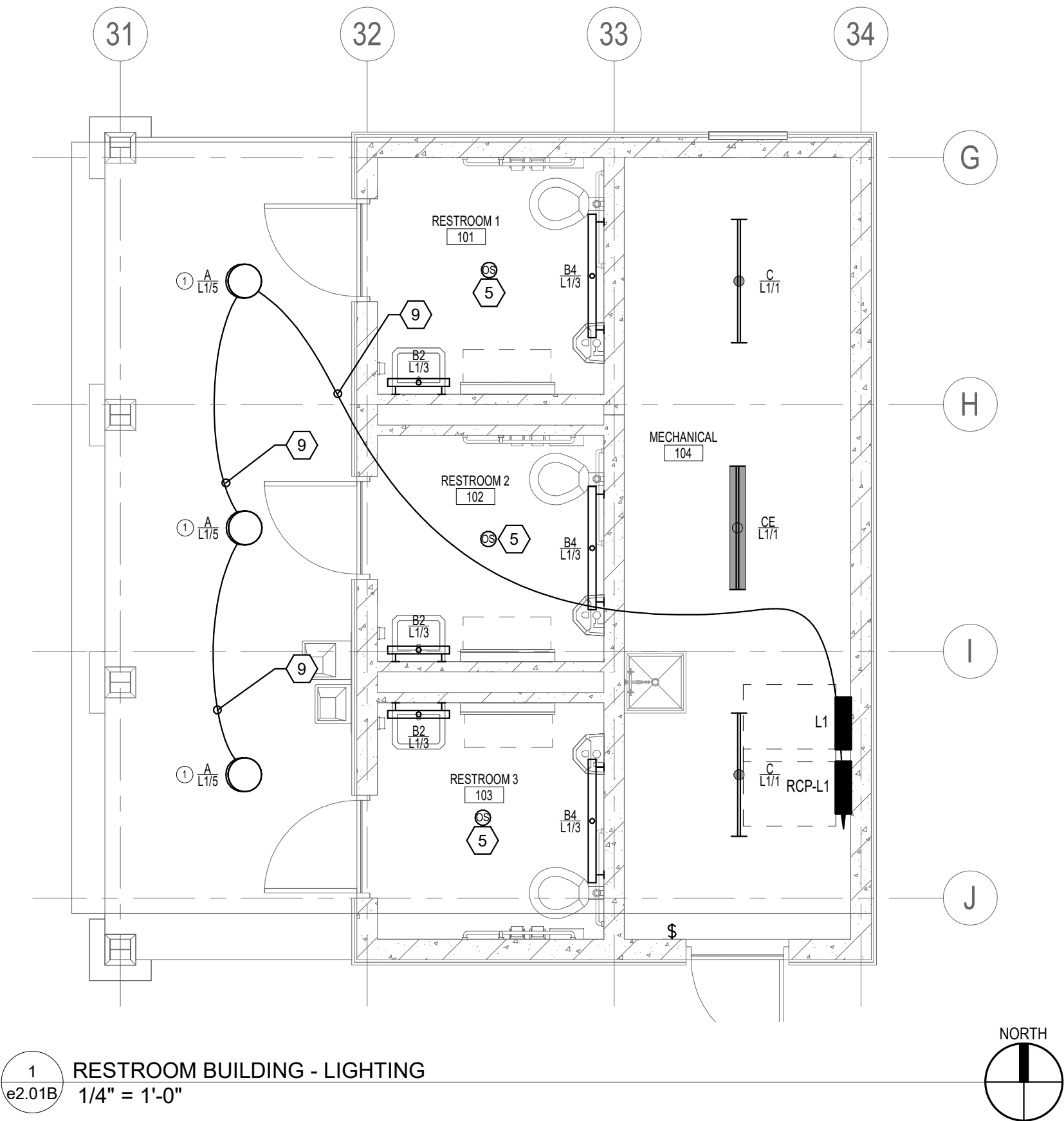
PANELBOARD: L1													
LOCATION: MECHANICAL 104					VOLTAGE: 120/240 V. 1 ø 3 W.								
MOUNTING: SURFACE					A.I.C. RATING: 10,000 AMPS SYMMETRICAL								
MAIN DEVICE: 200 A					SPECIAL:								
BUS AMPS: 200 AMPS													
LOAD DESCRIPTION	Notes	BKR	POLES	CKT	A		B		CKT	POLES	BKR	Notes	LOAD DESCRIPTION
LIGHTS MECHANICAL 104		20 A	1	1	93	6000			2	2	60 A		EW-1 - MECHANICAL 104
LIGHTS ROOM 101, 102, 103		20 A	1	3			242	6000	4	--	--		--
EXTERIOR RESTROOM BUILDING LIGHTS		20 A	1	5	72	1176			6	1	20 A		EF-1- MECHANICAL 104
ROUNDHOUSE LIGHTS		20 A	1	7			264	360	8	1	20 A		RCP-1 MECHANICAL 104
BENCH SHELTER LIGHTS		20 A	1	9	144	0			10	1	20 A		RCPT ROUNDHOUSE
RCPT MECHANICAL 104		20 A	1	11			540	1440	12	1	20 A		HAND DRYER - RESTROOM 3 103
RCPT ROOM 101, 102, 103		20 A	1	13	360	3600			14	2	50 A	1	ROUNDHOUSE EVENT POWER
EXTERIOR RESTROOM RCPT		20 A	1	15			360	3600	16	--	--	--	
TOILETS & SINKS ROOM 101, 102, 103		20 A	1	17	1080	180			18	1	20 A		RCPT BENCH SHELTER
CHANGING TABLE RM 101		20 A	1	19			600	180	20	1	20 A		RCPT BENCH SHELTER
RCPT - PAVILION		20 A	1	21	180	180			22	1	20 A		RCPT
RCPT - PAVILION		20 A	1	23			180	360	24	1	20 A		RCPT DATA CABINET MECHANICAL 104
HAND DRYER - RESTROOM 1 101		20 A	1	25	1440	360			26	1	20 A		RCPT ACCESS PANEL MECHANICAL 104
HAND DRYER - RESTROOM 2 102		20 A	1	27			1440	0	28	2	50 A	1	SPARE
SPARE		20 A	1	29	0	0			30	--	--	--	--
SPARE		20 A	1	31			0	0	32	1	20 A		SPARE
SPARE		20 A	1	33	0	0			34	1	20 A		SPARE
SPARE		20 A	1	35			0	0	36	1	20 A		SPARE
SPARE		20 A	1	37	0	0			38	1	20 A		SPARE
SPARE		20 A	1	39			0	0	40	1	20 A		SPARE
SPARE		20 A	1	41	0	0			42	1	20 A		SPARE
TOTAL LOAD:					14865 VA		15564 VA						
TOTAL AMPS:					124 A		130 A						
LOAD CLASSIFICATION	CONNECTED		DEMAND		ESTIMATED		PANEL TOTALS						
Other	0 VA		0.00%		0 VA								
RCPT	2880 VA		100.00%		2880 VA		CONNECTED LOAD: 30429 VA						
LITES	814 VA		125.00%		1017 VA		ESTIMATED DEMAND: 30632 VA						
MTR	26736 VA		100.00%		26736 VA		CONNECTED CURRENT: 127 A						
													EST. DEMAND CURRENT: 128 A
GENERAL NOTES:													
A. PROVIDE WITH INTEGRALLY MOUNTED TRANSIENT VOLTAGE SURGE SUPPRESSION.							C. PROVIDE MAIN BREAKER WITH 120-VOLT SHUNT TRIP						
B. MAIN BREAKER SHALL BE UL SERIES RATED TO BRANCH CIRCUIT PANELBOARD BREAKER/FUSES. LABEL AS PER NEC													
NOTES:													
1. PROVIDE GFCI BREAKER.													
2. PROVIDE WITH 120-VOLT SHUNT TRIP													

GENERAL NOTES	
A.	PROVIDE AN ADDITIONAL ELECTRICAL CONNECTION TO ALL EMERGENCY LIGHT FIXTURES. ELECTRICAL CONNECTION TO BE FEED FROM UNSWITCHED LEG OF THE CIRCUIT FEEDING THE LIGHT FIXTURES IN THE ROOM/AREA THEY ARE LOCATED IN.
B.	PROVIDE PROPER NUMBER OF CONDUCTORS AND CONTROL WIRES TO ACHIEVE CIRCUITING AND LIGHTING CONTROL AS SHOWN.
C.	EXTERIOR DEVICES TO BE GALVANIZED WITH GRAY DEVICES.
D.	INTERIOR DEVICES TO BE STAINLESS WITH GRAY DEVICES.

PLAN NOTES	
1.	PROVIDE OUTDOOR JUNCTION BOX FOR TERMINATIONS. UTILIZE QUAZITE PC2424BA24 OR EQUAL PROVIDE COMPLETE WITH BOLTED COVER AND "ELECTRICAL LOGO" SUITABLE FOR OFF ROAD APPLICATIONS. ROUTE CONDUITS FROM PANEL THROUGH BOX.
2.	PROVIDE CONDUITS AS PER EXTERNAL CIRCUITS FROM PANEL L1. AND RCP-L1.
3.	PROVIDE 200-AMP, 240/120-VOLT, 3-WIRE, 42-POLE PANELBOARD WITH MAIN BREAKER. SEE PANEL SCHEDULE FOR DETAILS.
4.	FURNISH AND INSTALL A LIGHTING RELAY CONTROL PANEL TO BE USED FOR CONTROL OF BUILDING AND SHELTER LIGHTS. PROGRAM LIGHTING FOR ASTRONOMICAL CONTROL. UTILIZE DOUGLAS LITE PACK DLP2-8R-SM OR APPROVED EQUAL.
5.	PROVIDE CEILING MOUNTED OCCUPANCY SENSOR WITH REMOTE POWER PACK/S FOR CONTROL OF THE LIGHTING AS SHOWN IN THIS ROOM. PROVIDE WITH AUXILIARY CONTACT FOR CONTROL OF EXHAUST FAN IN THIS SPACE. SEE SPECIFICATION SECTION 26 0923 FOR ADDITIONAL INFORMATION.
6.	PROVIDE 120-VOLT HARD WIRED CONNECTION TO AUTOMATIC FLUSH VALVES OF SINK AND TOILET UTILIZING (2) #12 PLUS #12 GROUND. COORDINATE EXACT WIRING REQUIREMENTS WITH MECHANICAL AND EQUIPMENT MANUFACTURER. PROVIDE ALL FIELD WIRING. TERMINATIONS, ETC. AS REQUIRED. JUNCTION BOXES FOR CONNECTIONS SHALL BE INSTALLED FLUSH TO WALL.
7.	FURNISH AND INSTALL THREE (3) 4/0 AWG PLUS ONE (1) #2 AWG GROUND IN 3" CONDUIT FROM METER TO MAIN PANEL BOARD.
8.	GROUND AS PER NEC 250.
9.	PROVIDE IMC CONDUIT IN THE CEILING INSULATION /CAVITY WHERE WIRING TO DEVICES.
10.	PROVIDE 4" SQUARE JUNCTION BOX WITH 1" EMPTY CONDUIT WITH NYLON PULL STRING STUBBED INTO MECHANICAL ROOM FOR CARD READER. PROVIDE RACEWAYS AND JUNCTION BOXES FOR ALL DOOR HARDWARE DEVICES. CARD READER, CONTROL CABLING, TERMINATIONS BY OTHERS. ALL LINE VOLTAGE CONNECTIONS BY ELECTRICAL CONTRACTOR. SEE DETAILS FOR ADDITIONAL ROUGH-IN REQUIREMENTS.
11.	STUB TWO (2) 1" CONDUIT APPROXIMATELY 10'-0" OUTSIDE OF BUILDING FOR FUTURE SECURITY AND CCTV. SPACE 6" BETWEEN
12.	PROVIDE A DEDICATED 20 AMP FEED VIA 3/4" CONDUIT WITH 2#10 AWG AND #10 GROUND FOR HAND DRYER.
13.	PROVIDE ONE (1) 4" EMPTY CONDUIT WITH NYLON PULL STRING TO PULL BOX FOR LOCAL UTILITY ACCESS POINT FOR FIBER. FIBER BY LOCAL UTILITY. COORDINATE EXACT LOCATION OF PULL BOX WITH LOCAL UTILITY. REFER TO SHEET e1.01 FOR ADDITIONAL REQUIREMENTS.
14.	PROVIDE DEDICATED 20 AMP, 120 VOLT RECEPTACLE FOR DATA CABINET. INSTALL RECEPTACLE INSIDE DATA CABINET. DATA CABINET BY OWNER'S IT VENDOR. COORDINATE EXACT LOCATION PRIOR TO INSTALLATION.
15.	PROVIDE TWO (2) 1 INCH CONDUITS FROM DATA CABINET LOCATION TO PAVILION FOR CCTV AND WAP. CCTV AND WAP DEVICES AND CABLING BY OTHERS.
16.	PROVIDE DEDICATED 20 AMP, 120 VOLT POWER CONNECTION TO CARD ACCESS CONTROL PANEL. COORDINATE HARD-WIRED AND/OR RECEPTACLE WITH ACCESS CONTROL PANEL MANUFACTURER. ACCESS CONTROL PANEL BY OWNERS SECURITY VENDOR. COORDINATE EXACT LOCATION PRIOR TO INSTALLATION.
17.	PROVIDE BUILDING GROUND BAR AND GROUND PER NEC 250.



2 RESTROOM BUILDING - POWER & SYSTEMS
e2.01B 1/4" = 1'-0"



1 RESTROOM BUILDING - LIGHTING
e2.01B 1/4" = 1'-0"

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wsb

WSB PROJECT NO.:
020153-000

SCALE: DESIGNED BY:
AS SHOWN LLA
PLAN BY: CHECKED BY:
LLA LB

REVISIONS

NO. DATE DESCRIPTION

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Jay S. Hruby P.E.

DATE: 06-27-2022 LIC NO: 40290

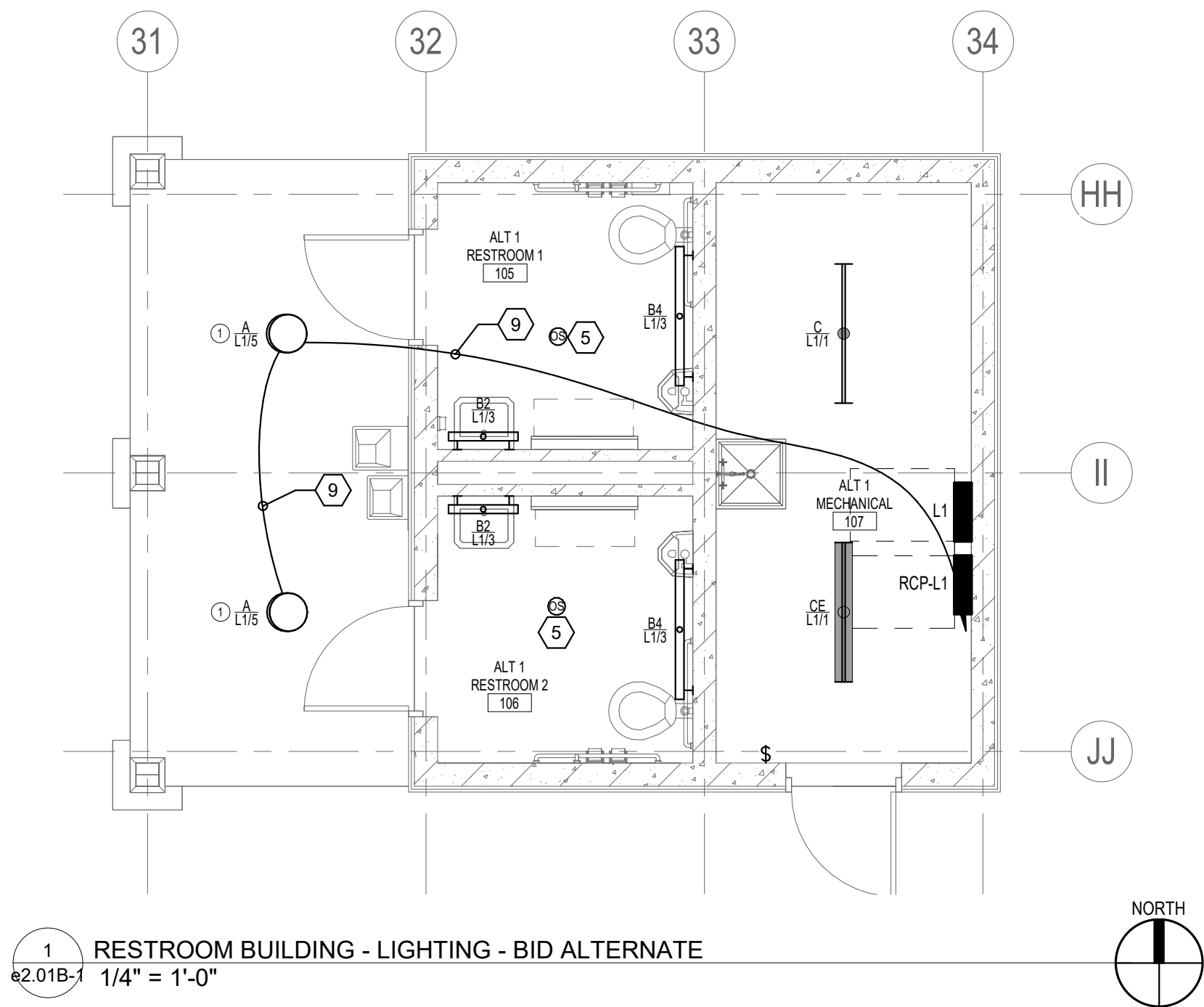
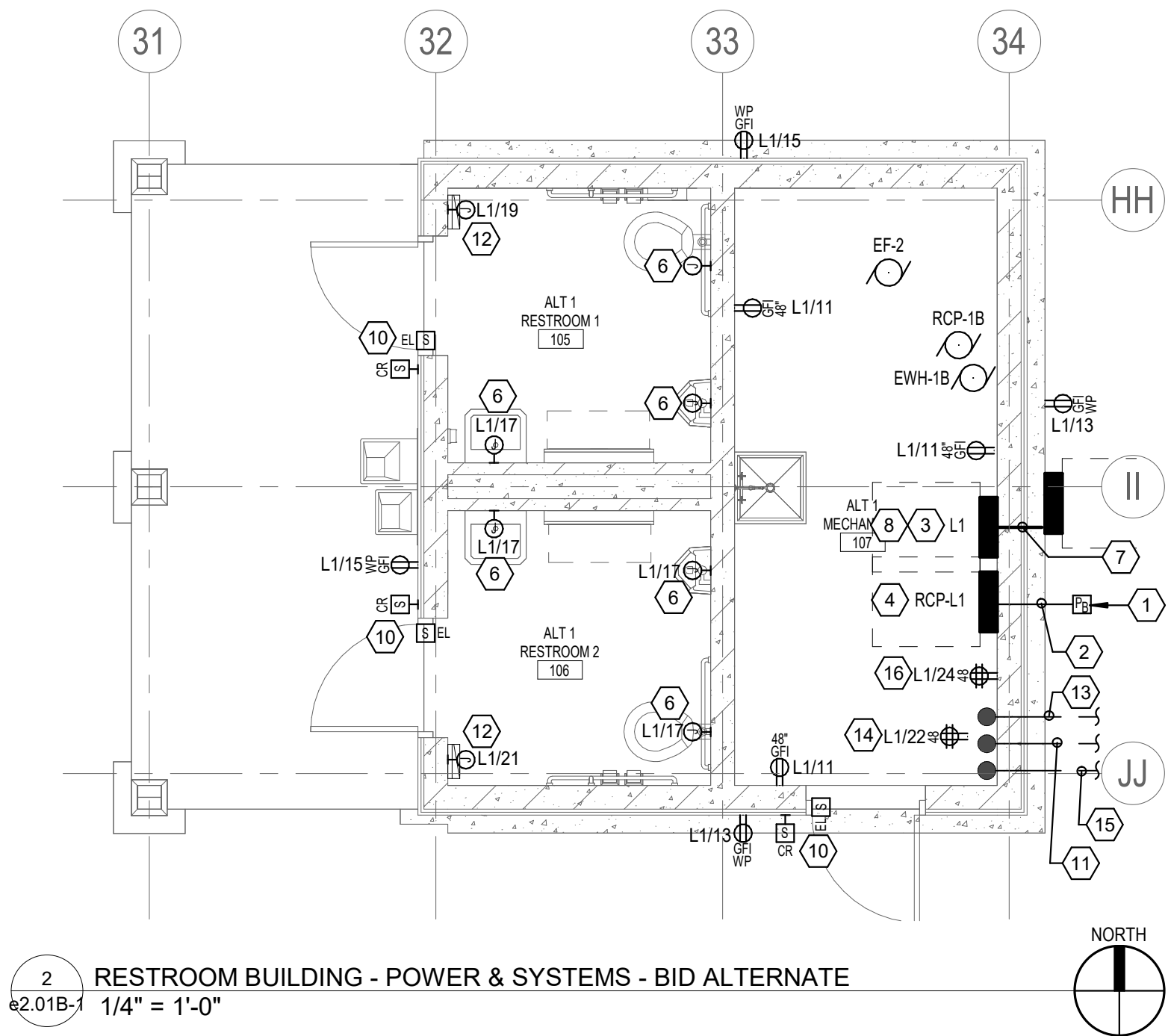
HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

ELECTRICAL
FLOOR PLANS -
RESTROOMS
BASE BIDS

C.P. SHEET

2117 e2.01B

EDI #19-065



PANELBOARD: L1													
LOCATION: ALT 1 MECHANICAL 107					VOLTAGE: 120/240 V. 1 ø 3 W.								
MOUNTING: SURFACE NEMA 1					A.I.C. RATING: 10,000 AMPS SYMMETRICAL								
MAIN DEVICE: 200 A MAIN CB					SPECIAL:								
BUS AMPS: 200 AMPS													
LOAD DESCRIPTION	Notes	BKR	POLES	CKT	A		B		CKT	POLES	BKR	Notes	LOAD DESCRIPTION
LITES ALT 1 MECHANICAL 107		20 A	1	1	62	6000			2	2	60 A		EWB-1B - MECHANICAL 107
LITES ROOM 105, 106		20 A	1	3			162	6000	4	--	--	--	--
EXTERIOR RESTROOM BUILDING LIGHTS		20 A	1	5	48	1176			6	1	20 A		EF-2 - MECHANICAL 107
ROUNDHOUSE LIGHTS		20 A	1	7			264	360	8	1	20 A		RCP-1B - MECHANICAL 107
BENCH SHELTER LIGHTS		20 A	1	9	144	180			10	1	20 A		RCPT ROUNDHOUSE
RCPT ALT 1 MECHANICAL 107		20 A	1	11			540	180	12	1	20 A		RCPT ROUNDHOUSE
RCPT ROOM 105, 106		20 A	1	13	360	3600			14	2	50 A	1	ROUNDHOUSE EVENT POWER
EXTERIOR RESTROOM RCPT		20 A	1	15			360	3600	16	--	--	--	--
TOILETS & SINKS ROOM 105, 106		20 A	1	17	600	180			18	1	20 A		RCPT BENCH SHELTER
HAND DRYER ALT 1 RESTROOM 1 105		20 A	1	19			1440	180	20	1	20 A		RCPT BENCH SHELTER
HAND DRYER ALT 1 RESTROOM 2 106		20 A	1	21	1440	360			22	1	20 A		RCPT DATA CABINET MECHANICAL 107
SPARE		20 A	1	23			0	360	24	1	20 A		RCPT ALT 1 MECHANICAL 107
SPARE		20 A	1	25	0	0			26	2	20 A	1	SPARE
SPARE		20 A	1	27			0	0	28	--	--	--	--
SPARE		20 A	1	29	0	0			30	1	20 A		SPARE
SPARE		20 A	1	31			0	0	32	1	20 A		SPARE
SPARE		20 A	1	33	0	0			34	1	20 A		SPARE
SPARE		20 A	1	35			0	0	36	1	20 A		SPARE
SPARE		20 A	1	37	0	0			38	1	20 A		SPARE
SPARE		20 A	1	39			0	0	40	1	20 A		SPARE
SPARE		20 A	1	41	0	0			42	1	20 A		SPARE
TOTAL LOAD:					14150 VA		13444 VA						
TOTAL AMPS:					118 A		112 A						
LOAD CLASSIFICATION	CONNECTED		DEMAND		ESTIMATED		PANEL TOTALS						
RCPT	1980 VA		100.00%		1980 VA		CONNECTED LOAD: 27594 VA						
LITES	271 VA		125.00%		339 VA		ESTIMATED DEMAND: 27662 VA						
MTR	17016 VA		100.00%		17016 VA		CONNECTED CURRENT: 115 A						
							EST. DEMAND CURRENT: 115 A						
GENERAL NOTES:													
A. PROVIDE WITH INTEGRALLY MOUNTED TRANSIENT VOLTAGE SURGE SUPPRESSION.							C. PROVIDE MAIN BREAKER WITH 120-VOLT SHUNT TRIP						
B. MAIN BREAKER SHALL BE UL SERIES RATED TO BRANCH CIRCUIT PANELBOARD BREAKER/FUSES. LABEL AS PER NEC													
NOTES:													
1. PROVIDE GFCI BREAKER.													
2. PROVIDE WITH 120-VOLT SHUNT TRIP													

- GENERAL NOTES
- A. PROVIDE AN ADDITIONAL ELECTRICAL CONNECTION TO ALL EMERGENCY LIGHT FIXTURES. ELECTRICAL CONNECTION TO BE FEED FROM UNSWITCHED LEG OF THE CIRCUIT FEEDING THE LIGHT FIXTURES IN THE ROOM/AREA THEY ARE LOCATED IN.

B. PROVIDE PROPER NUMBER OF CONDUCTORS AND CONTROL WIRES TO ACHIEVE CIRCUITING AND LIGHTING CONTROL AS SHOWN.

C. EXTERIOR DEVICES TO BE GALVANIZED WITH GRAY DEVICES.

D. INTERIOR DEVICES TO BE STAINLESS WITH GRAY DEVICES.

- PLAN NOTES
1. PROVIDE OUTDOOR JUNCTION BOX FOR TERMINATIONS. UTILIZE QUAZITE PC2424BA24 OR EQUAL PROVIDE COMPLETE WITH BOLTED COVER AND "ELECTRICAL LOGO" SUITABLE FOR OFF ROAD APPLICATIONS. ROUTE CONDUITS FROM PANEL THROUGH BOX.

2. PROVIDE CONDUITS AS PER EXTERNAL CIRCUITS FROM PANEL L1. AND RCP-L1.

3. PROVIDE 200-AMP, 240/120-VOLT, 3-WIRE, 42-POLE PANELBOARD WITH MAIN BREAKER. SEE PANEL SCHEDULE FOR DETAILS.

4. FURNISH AND INSTALL A LIGHTING RELAY CONTROL PANEL TO BE USED FOR CONTROL OF BUILDING AND SHELTER LIGHTS. PROGRAM LIGHTING FOR ASTRONOMICAL CONTROL. UTILIZE DOUGLAS LITE PACK DLP2-8R-SM OR APPROVED EQUAL.

5. PROVIDE CEILING MOUNTED OCCUPANCY SENSOR WITH REMOTE POWER PACK/S FOR CONTROL OF THE LIGHTING AS SHOWN IN THIS ROOM. PROVIDE WITH AUXILIARY CONTROL FOR CONTROL OF EXHAUST FAN IN THIS SPACE. SEE SPECIFICATION SECTION 26 0923 FOR ADDITIONAL INFORMATION.

6. PROVIDE 120-VOLT HARD WIRED CONNECTION TO AUTOMATIC FLUSH VALVES OF SINK AND TOILET UTILIZING (2) #12 PLUS #12 GROUND. COORDINATE EXACT WIRING REQUIREMENTS WITH MECHANICAL AND EQUIPMENT MANUFACTURER. PROVIDE ALL FIELD WIRING. TERMINATIONS, ETC. AS REQUIRED. JUNCTION BOXES FOR CONNECTIONS SHALL BE INSTALLED FLUSH TO WALL.

7. FURNISH AND INSTALL THREE (3) 4/0 AWG PLUS ONE (1) #2 AWG GROUND IN 3" CONDUIT FROM METER TO MAIN PANEL BOARD.

8. GROUND AS PER NEC 250.

9. PROVIDE IMC CONDUIT IN THE CEILING INSULATION /CAVITY WHERE WIRING TO DEVICES.

10. PROVIDE 4" SQUARE JUNCTION BOX WITH 1" EMPTY CONDUIT WITH NYLON PULL STRING STUBBED INTO MECHANICAL ROOM FOR CARD READER. PROVIDE RACEWAYS AND JUNCTION BOXES FOR ALL DOOR HARDWARE DEVICES. CARD READER, CONTROL CABLING, TERMINATIONS BY OTHERS. ALL LINE VOLTAGE CONNECTIONS BY ELECTRICAL CONTRACTOR. SEE DETAILS FOR ADDITIONAL ROUGH-IN REQUIREMENTS.

11. STUB TWO (2) 1" CONDUIT APPROXIMATELY 10'-0" OUTSIDE OF BUILDING FOR FUTURE SECURITY AND CCTV. SPACE 6" BETWEEN

12. PROVIDE A DEDICATED 20 AMP FEED VIA 3/4" CONDUIT WITH 2#10 AWG AND #10 GROUND FOR HAND DRYER.

13. PROVIDE ONE (1) 4" EMPTY CONDUIT WITH NYLON PULL STRING TO PULL BOX FOR LOCAL UTILITY ACCESS POINT FOR FIBER. FIBER BY LOCAL UTILITY. COORDINATE EXACT LOCATION OF PULL BOX WITH LOCAL UTILITY. REFER TO SHEET 61.01 FOR ADDITIONAL REQUIREMENTS.

14. PROVIDE DEDICATED 20 AMP, 120 VOLT RECEPTACLE FOR DATA CABINET. INSTALL RECEPTACLE INSIDE DATA CABINET. DATA CABINET BY OWNER'S IT VENDOR. COORDINATE EXACT LOCATION PRIOR TO INSTALLATION.

15. PROVIDE TWO (2) 1 INCH CONDUITS FROM DATA CABINET LOCATION TO PAVILION FOR CCTV AND WAP. CCTV AND WAP DEVICES AND CABLING BY OTHERS.

16. PROVIDE DEDICATED 20 AMP, 120 VOLT POWER CONNECTION TO CARD ACCESS CONTROL PANEL. COORDINATE HARD-WIRED AND/OR RECEPTACLE WITH ACCESS CONTROL PANEL MANUFACTURER. ACCESS CONTROL PANEL BY OWNERS SECURITY VENDOR. COORDINATE EXACT LOCATION PRIOR TO INSTALLATION.

17. PROVIDE BUILDING GROUND BAR AND GROUND PER NEC 250.



WSB PROJECT NO.: 020153-000

SCALE: DESIGNED BY: AS SHOWN LLA PLAN BY: CHECKED BY: LLA LB

REVISONS		NO.	DATE	DESCRIPTION

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Jay S. Hruby P.E.

DATE: 06-27-2022 LIC NO: 40290

HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

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ALLIANCE

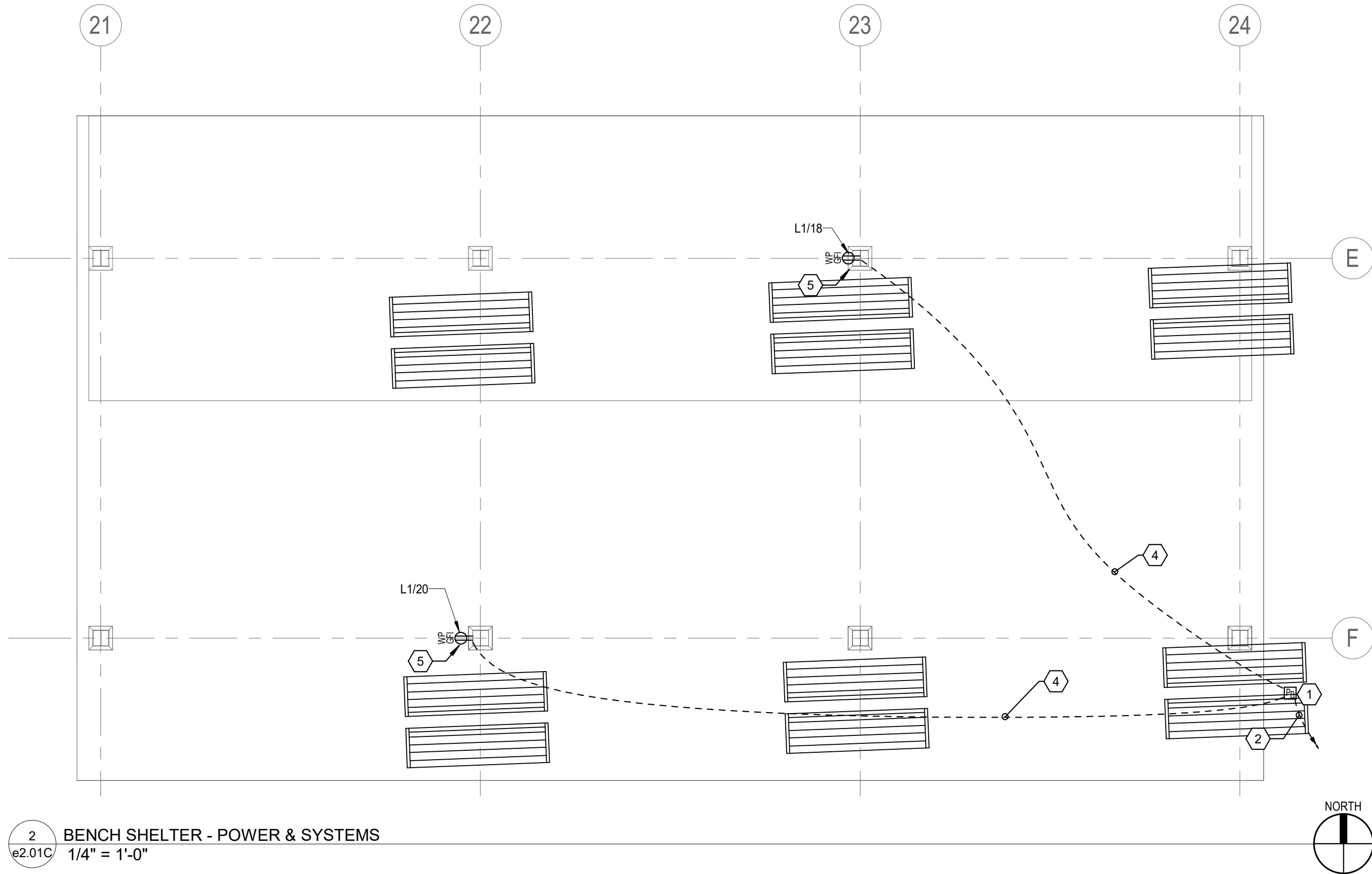
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C.P. SHEET

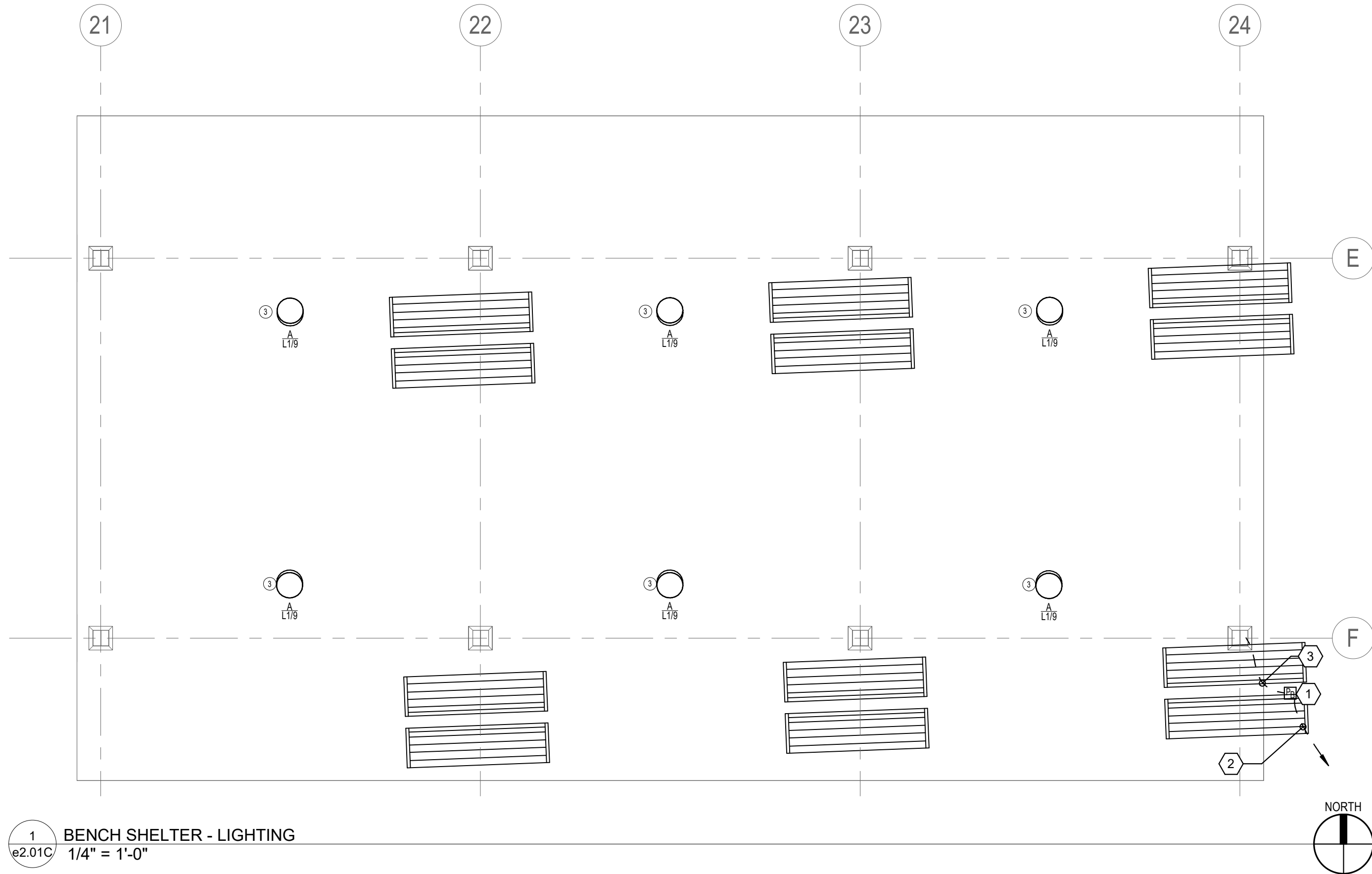
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EDI #19-065

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2 BENCH SHELTER - POWER & SYSTEMS
e2.01C 1/4" = 1'-0"



1 BENCH SHELTER - LIGHTING
e2.01C 1/4" = 1'-0"

GENERAL NOTES

- ALL EXPOSED EXTERIOR CONDUCTORS AND JUNCTION BOXES SHALL BE GALVANIZED WITH RUST/CORROSION PROTECTION.
- ALL EXTERIOR RECEPTACLES SHALL HAVE LOCKABLE STEEL COVER PLATES. COLOR BY ARCHITECT.
- CONCEAL AND ROUTE ALL CONDUITS ABOVE UNDERSIDE OF ROOF STRUCTURE, WHERE POSSIBLE, FOR LIGHT FIXTURE INSTALLATION.
- CONCEAL ALL CONDUITS IN WEBS FOR DEVICES MOUNTED TO THE COLUMN AND FOR CONDUITS ROUTED INTO ROOF STRUCTURE FOR LIGHTING.
- CONCEAL ALL CONDUITS FROM BUILDING AND PULLBOXES UNDER FOOTING, FOUNDATIONS, AND CONCRETE SLABS OF BENCH SHELTER. STUB CONDUITS UP THROUGH SLABS AT EACH DEVICE LOCATION.
- COORDINATE EXACT MOUNTING HEIGHTS OF ALL DEVICES WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.
- COORDINATE EXACT CONDUIT PATHWAYS WITH ARCHITECT AND STRUCTURAL PRIOR TO INSTALLATION.
- COORDINATE EXACT SLEEVES AND STUB-UP LOCATIONS THROUGH FOUNDATION/SLAB AND ROOF WITH ARCHITECT/STRUCTURAL PRIOR TO ROUGH-INS.

PLAN NOTES

- PROVIDE OUTDOOR JUNCTION BOX FOR TERMINATIONS. UTILIZE QUAZITE PC1324BA24 OR EQUAL CAST ADJACENT TO SHELTER COLUMN FLUSH WITH FLOOR. PROVIDE COMPLETE WITH BOLTED COVER AND "ELECTRICAL LOGO" SUITABLE FOR OFF ROAD APPLICATIONS. ROUTE CONDUITS FROM BOX THROUGH SHELTER COLUMNS AS INDICATED.
- SEE SHEET e1.01 FOR ADDITIONAL INFORMATION.
- PROVIDE (2) #10 PLUS (1) #10 GROUND IN 1/2" CONDUIT. ROUTE CONDUIT UP COLUMN AND ACROSS TO LIGHT FIXTURES ON CEILING.
- PROVIDE (2) #10 PLUS (1) #10 GROUND FOR EACH RECEPTACLE IN 1/2" CONDUIT. ROUTE CONDUIT FROM PULLBOX UP COLUMN TO RECEPTACLE.
- FURNISH AND INSTALL AN OUTDOOR GFCI RECEPTACLE IN A WEATHER PROOF DIECAST METAL BOX MOUNTED ON THE INSIDE OF SHELTER COLUMN AT 24" AFF. PROVIDE AN IN-USE STEEL WEATHER PROOF COVER SIMILAR TO BELL #5881-0 OR APPROVED EQUAL.



WSB PROJECT NO.:
020153-000

SCALE: AS SHOWN
DESIGNED BY: LLA
PLAN BY: LLA
CHECKED BY: LB

REVISIONS

NO.	DATE	DESCRIPTION

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Jay S. Hruby P.E.
DATE: 06-27-2022 LIC NO: 40290

HERITAGE VILLAGE PARK: PHASE 4 PARK BUILDINGS CITY OF INVER GROVE HEIGHTS

edi-dolejs
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1112 North 5th Street
Minneapolis, MN 55411
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1624 North Riverfront Drive
Monticello, MN 56001
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ALLIANCE

Alliance
400 Clifton Avenue
Minneapolis, MN 55403

ELECTRICAL FLOOR PLANS - BENCH SHELTER

C.P. SHEET

2117 e2.01C

EDI #19-065

RCP-L1 - Relay Panel Schedule											
Relay Number	Relay Description	Panel	Circuit Number	Control							Remarks
				1-Pole Relay	2-Pole Relay	TOD	Daylighting	BI-Level	Load Shedding	Occupancy	
1	RESTROOM LIGHTING	L1	5								
2	ROUNDHOUSE LIGHTING	L1	7								
3	BENCH SHELTER LIGHTS	L1	9								
4	SPARE										
5	SPARE										
6	SPARE										
7	SPARE										
8	SPARE										

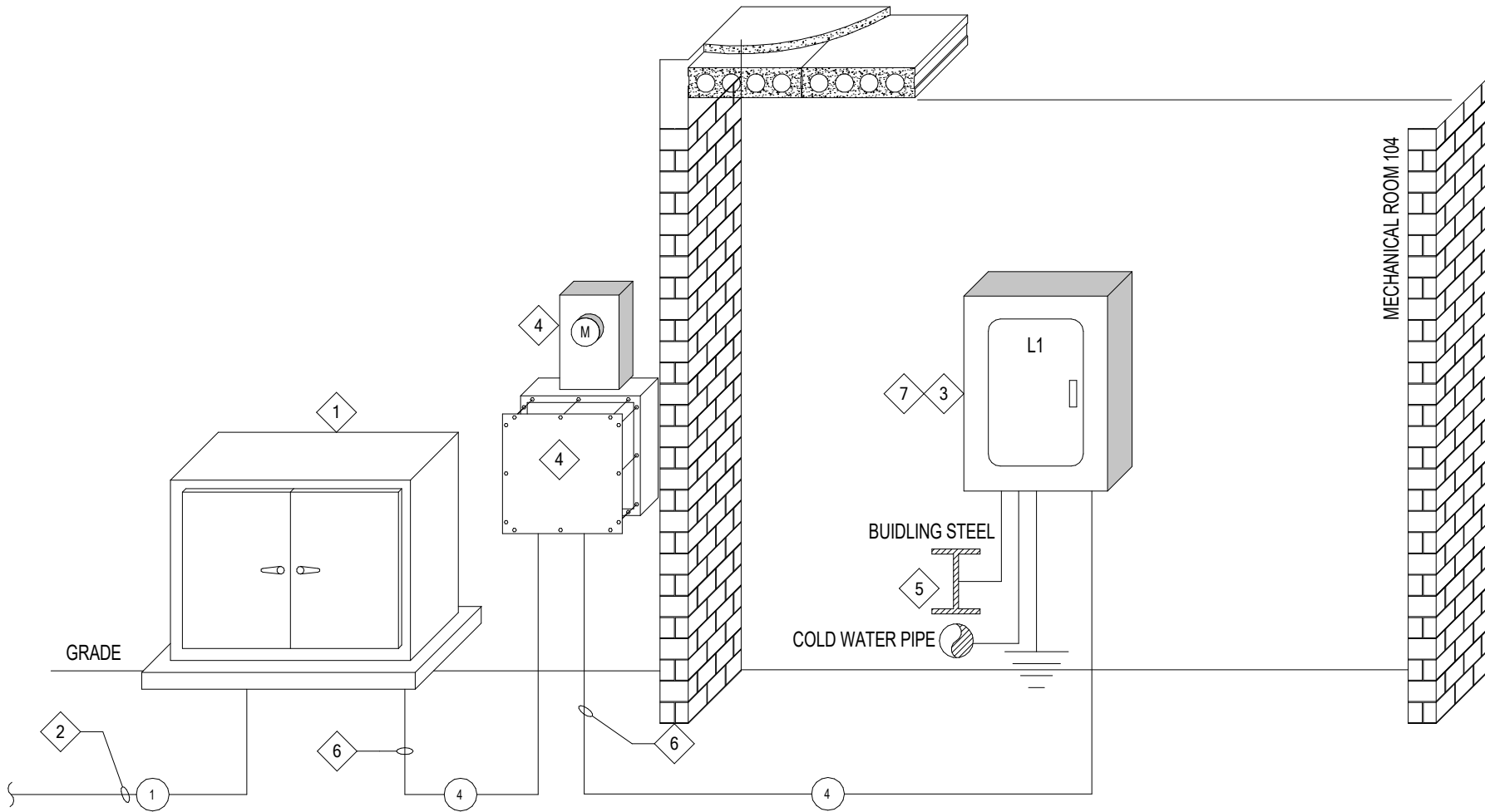
LIGHTING FIXTURE SCHEDULE													
TYPE	DESCRIPTION	LENS-LOUVER	MOUNTING	VOLT	WATT	LAMP COLOR	LUMENS	LUMENS PER WATT	BALLAST	MANUFACTURERS	CATALOG SERIES	APPROVED ALTERNATE MANUFACTURES	NOTE
A	12" DIAMETER VANDAL RESISTANT FIXTURE	HIGH IMPACT POLYCARBONATE LENS	SURFACE	120 V	24 W	3500K	2145 lm	89 lm/W	LED DRIVER	KENALL	MR13FFL-PP-FINISH-20L35K-DV-SA		2.4
B2	5"x24" VANDAL RESISTANT FIXTURE	HIGH IMPACT POLYCARBONATE LENS	SURFACE WALL	120 V	30 W	3500K	4246 lm	142 lm/W	LED DRIVER	KENALL	MLRS5V-24-R-FINSIH-45L35K-DCC-1-DV		2.4
B4	5"x48" VANDAL RESISTANT FIXTURE	HIGH IMPACT POLYCARBONATE LENS	SURFACE WALL	120 V	50 W	3500K	4246 lm	85 lm/W	LED DRIVER	KENALL	MLRS5-48-R-FINSIH-45L35K-DCC-1-DV		2.4
C	(4') LONG INDUSTRIAL	FROSTED POLYCARBONATE LENS	CHAIN SUSPEND CORD & PLUG	120 V	31 W	3500K	4100 lm	132 lm/W	LED DRIVER	LITHONIA	FEM-L48-6000LM-LPPFL-WD-MVOLT-GZ10-35K-6 OCRI		3
CE	(4') LONG INDUSTRIAL (EMERGENCY)	FROSTED POLYCARBONATE LENS	CHAIN SUSPEND CORD & PLUG	120 V	31 W	3500K	4100 lm	132 lm/W	LED DRIVER	LITHONIA	FEM-L48-6000LM-LPPFL-WD-MVOLT-GZ10-35K-6 OCRI-BSLS20		1.3
GENERAL NOTES: A. ALL LIGHT FIXTURE LUMEN VALUES LISTED ARE DELIVERED LUMEN. B. REFER TO DETAILS FOR INDEPENDENTLY SUPPORTING OF LIGHT FIXTURES LOCATED IN ACOUSTICAL TILE CEILINGS. C. ALL LED DRIVERS SHALL BE 0-10 VOLT DIMMING DRIVER UNLESS NOTED OTHERWISE. D. ALL ADDITIONAL HARDWARE FOR MOUNTING OF SURFACE, RECESSED, OR PENDANT FIXTURES SHALL BE INCLUDED UNDER THIS CONTRACT. E. REFER TO THE MANUFACTURES INSTALLATION INSTRUCTIONS FOR THE MOUNTING REQUIREMENTS OF EACH FIXTURE TYPE PRIOR TO THE INSTALLATION OF THE FIXTURES. GOOD WORKMANSHIP SHALL BE EVIDENT IN THE FINISHED INSTALLATION OR THE ELECTRICAL CONTRACTOR WILL BE REQUIRED TO CORRECT THE POOR WORKMANSHIP AT NO ADDITIONAL COST TO THE OWNER. F. EMERGENCY FIXTURES SHALL BE PROVIDED WITH AN INTEGRAL ILLUMINATED TEST SWITCH. G. REFER TO SPECIFICATION SECTION 26 5100 - INTERIOR LIGHTING, FOR ADDITIONAL FIXTURE REQUIREMENTS. H. REFER TO SPECIFICATION SECTION 25 5600 - EXTERIOR LIGHTING, FOR ADDITIONAL FIXTURE REQUIREMENTS. I. COORDINATE WITH ARCHITECTURAL CEILING GRID TYPE WITH FIXTURES SPECIFIC GRID TYPE MOUNTING.													
SCHEDULE NOTES: 1. PROVIDE WITH EMERGENCY BACK UP RATED FOR MINIMUM OF 90 MINUTES RUNTIME. 2. PAINT AFTER FABRICATION. 3. VERIFY FIXTURE SUSPENSION LENGTHS WITH ARCHITECT PRIOR TO INSTALLATION. 4. FIXTURE COLOR/FINISH SELECTED BY ARCHITECT.													

ELECTRICAL EQUIPMENT SCHEDULE																	
NO.	DESCRIPTION	LOCATION (RM#)	LOAD			VOLT	PHASE	PANEL	CIRCUIT NUMBER	CONDUIT & WIRE SIZE	STARTER		CONTROL DEVICE		DISCONNECT		NOTES
			HP	FLA	MCA						COMPONENT	FURN. / INST.	COMPONENT	FURN. / INST.	COMPONENT	FURN. / INST.	
EF-1	EXHAUST FAN (BASE BID)	104	1/2	9.8 A	12 A	120 V	1	L1	6	(1/2")C-2#12, #12 GND	---	---	TIME CLOCK	DIV. 26 DIV. 26	MMS	DIV 26 DIV 26	1
EF-2	EXHAUST FAN (ALTERNATE)	107	1/2	9.8 A	12 A	120 V	1	L1	6	(1/2")C-2#12, #12 GND	---	---	TIME CLOCK	DIV. 26 DIV. 26	MMS	DIV 26 DIV 26	1
EW-H-1	ELECTRIC WATER HEATER (BASEBID)	MECHANICAL ROOM		50 A	63 A	240 V	1	L1	2,4	(1")C-2#4, GND	---	---	---	---	60/2	DIV 26 DIV 26	
EW-H-1 B	ELECTRIC WATER HEATER (ALTERNATE)	MECHANICAL ROOM		50 A	63 A	240 V	1	L1	2,4	(1")C-2#4, GND	---	---	---	---	60/2	DIV 26 DIV 26	
RCP-1	DOMESTIC RECIRC PUMP (BASE BID)	104	1/12	3 A	4 A	120 V	1	L1	8	(1/2")C-2#12, #12 GND	---	---	---	---	MMS	DIV 26 DIV 26	
RCP-1 B	DOMESTIC RECIRC PUMP (ALTERNATE)	107	1/12	3 A	4 A	120 V	1	L1	8	(1/2")C-2#12, #12 GND	---	---	---	---	MMS	DIV 26 DIV 26	

FEEDER SCHEDULE							
FEEDER DESIGNATION	QUANTITY PARALLEL FEEDERS	CONDUIT SIZE	PHASE CONDUCTORS	NEUTRAL CONDUCTORS	GROUND CONDUCTORS (SERVICE)	GROUND CONDUCTORS (EQUIPMENT)	CONDUCTORS AMPACITY
①	PRIMARY SERVICE FEEDER FURNISHED AND INSTALLED BY UTILITY						
②	2	3-1/2"	3#350 kcmIL	1#350 kcmIL	1#2/0 AWG	1#1 AWG	600 AMPS
③	2	2-1/2"	3#3/0 AWG	1#3/0 AWG	1#2 AWG	1#3 AWG	400 AMPS
④	1	2-1/2"	2#4/0 AWG	1#4/0 AWG	1#2 AWG	1#4 AWG	225 AMPS
⑤	1	1-1/4"	3#4 AWG	---	1#8 AWG	1#10 AWG	60 AMPS
⑥	1	3/4"	3#10 AWG	---	1#8 AWG	1#10 AWG	30 AMPS
⑦	EXISTING SECONDARY SERVICE LATERAL. CONTRACTOR TO VERIFY SIZE OF WIRING.						

RISER DIAGRAM NOTES:

- 240 VOLT, 1-PHASE, PAD/POLE MOUNTED UTILITY TRANSFORMER. ALL WORK AT UTILITY WILL BE BY LOCAL UTILITY. COORDINATE EXACT REQUIREMENTS WITH LOCAL UTILITY (XCEL ENERGY).
- ALL WORK ASSOCIATED WITH PRIMARY SERVICE LATERAL BY LOCAL UTILITY.
- NEW SERVICE ENTRANCE RATED PANEL L1 (120/240 VOLT, 1-PHASE, 3-WIRE, 225 AMP, 42-POLE) WITH 200 AMP MAIN SERVICE DISCONNECT CIRCUIT BREAKER.
- PROVIDE NEW WALL MOUNTED C.T. CABINET AND ALL WORK REQUIRED TO INSTALL UTILITY METER OUTSIDE OF BUILDING. COORDINATE EXACT REQUIREMENTS WITH LOCAL UTILITY.
- PROVIDE NEW GROUNDING AT SERVICE PER NEC.
- PROVIDE NEW SECONDARY SERVICE LATERAL FROM UTILITY TRANSFORMER TO PANEL L1.
- PROVIDE SHORT CIRCUIT ARC FAULT CURRENT STUDY FOR NEW ELECTRICAL DISTRIBUTION SYSTEM AND LABEL PER NEC REQUIREMENTS. REFER TO SPECIFICATION 26 2416 FOR ADDITIONAL REQUIREMENTS.



1 Power Riser Diagram
e3.01 1/8" = 1'-0"

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ALLIANCE

Alliance
400 Clifton Avenue
Minneapolis, MN 55403

wsb

WSB PROJECT NO.:
020153-000

SCALE: DESIGNED BY:
AS SHOWN LLA
PLAN BY: CHECKED BY:
LLA LB

REVISIONS

NO.	DATE	DESCRIPTION

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Jay S. Hruby P.E.
DATE: 06-27-2022 LIC NO: 40290

HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

SCHEDULES
AND RISER
DIAGRAM

C.P. SHEET

2117 e3.01
EDI #19-065

REVISIONS

NO.	DATE	DESCRIPTION

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Jay S. Hruby P.E.

DATE: 06-27-2022 LIC NO: 40290

HERITAGE VILLAGE PARK: PHASE 4
PARK BUILDINGS
CITY OF INVER GROVE HEIGHTS

ELECTRICAL
DETAILS

C.P. SHEET

2117 e4.01

EDI #19-065

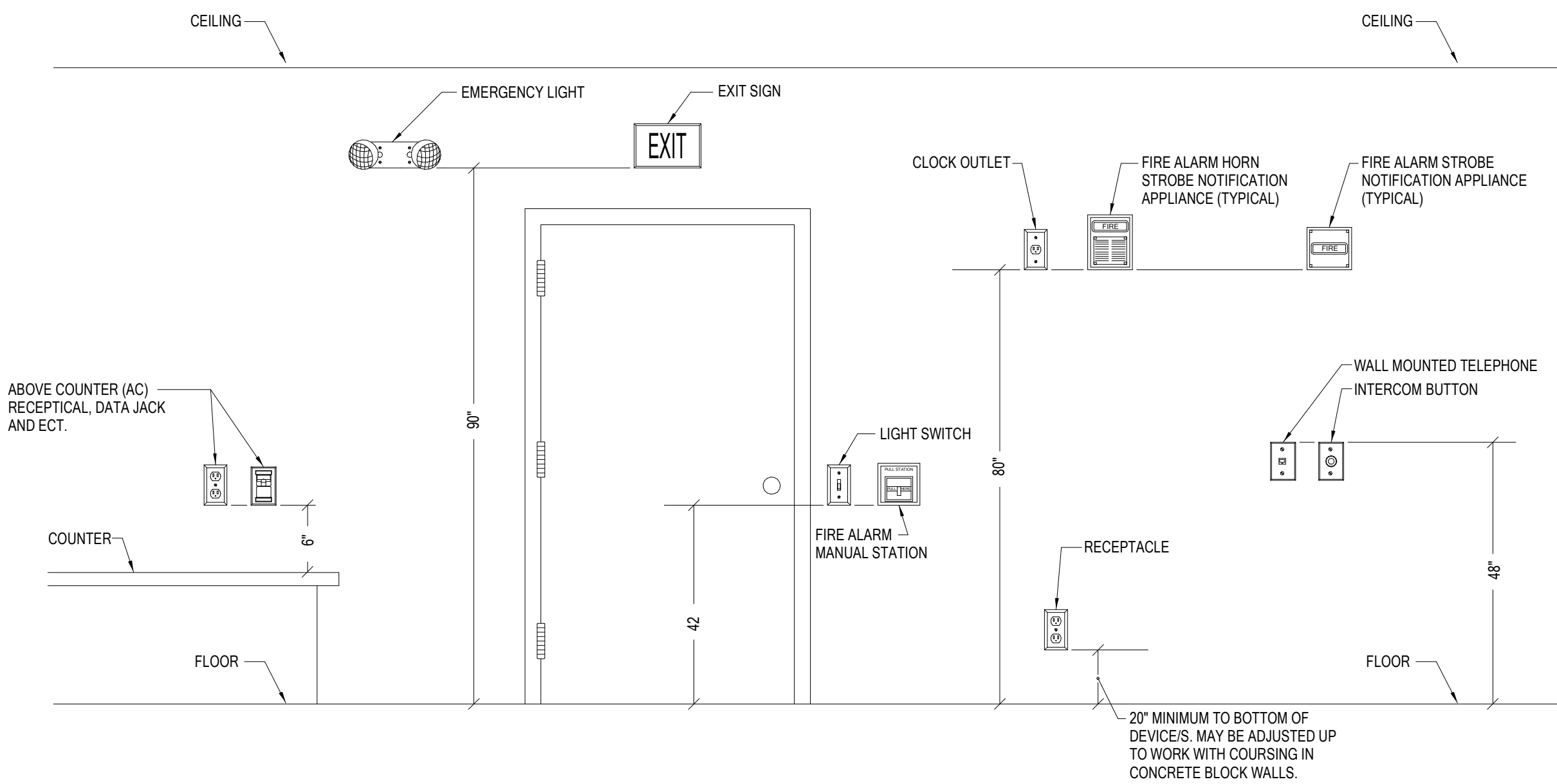
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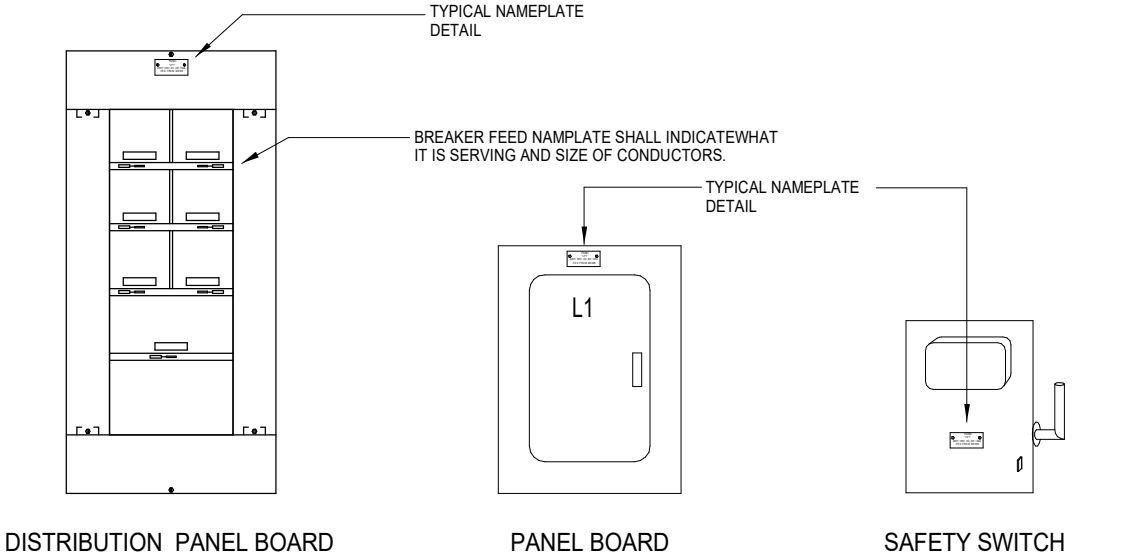
Alliance
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Minneapolis, MN 55403



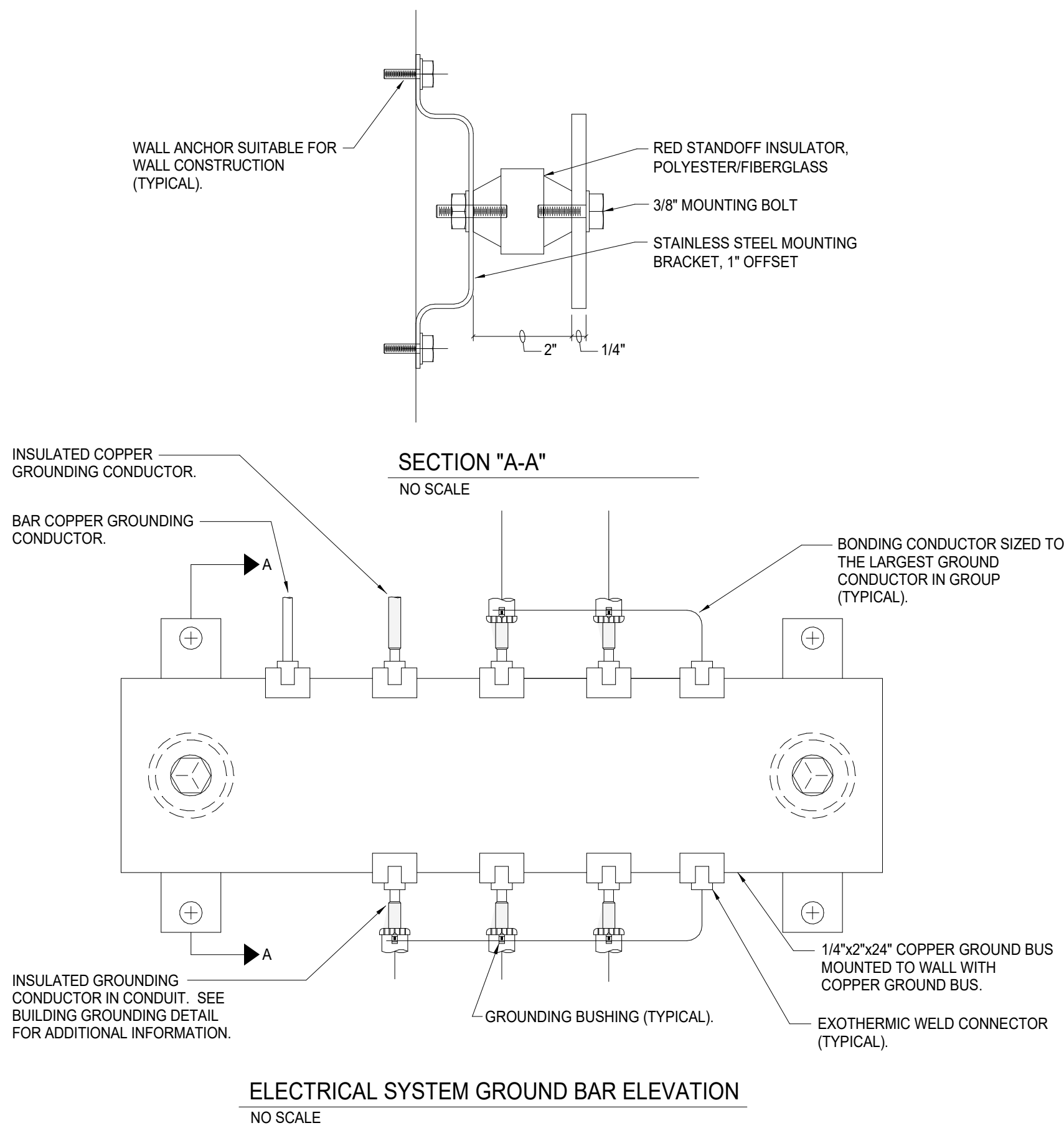
5 Typical mounting Height Coordination
No Scale

NOTES:

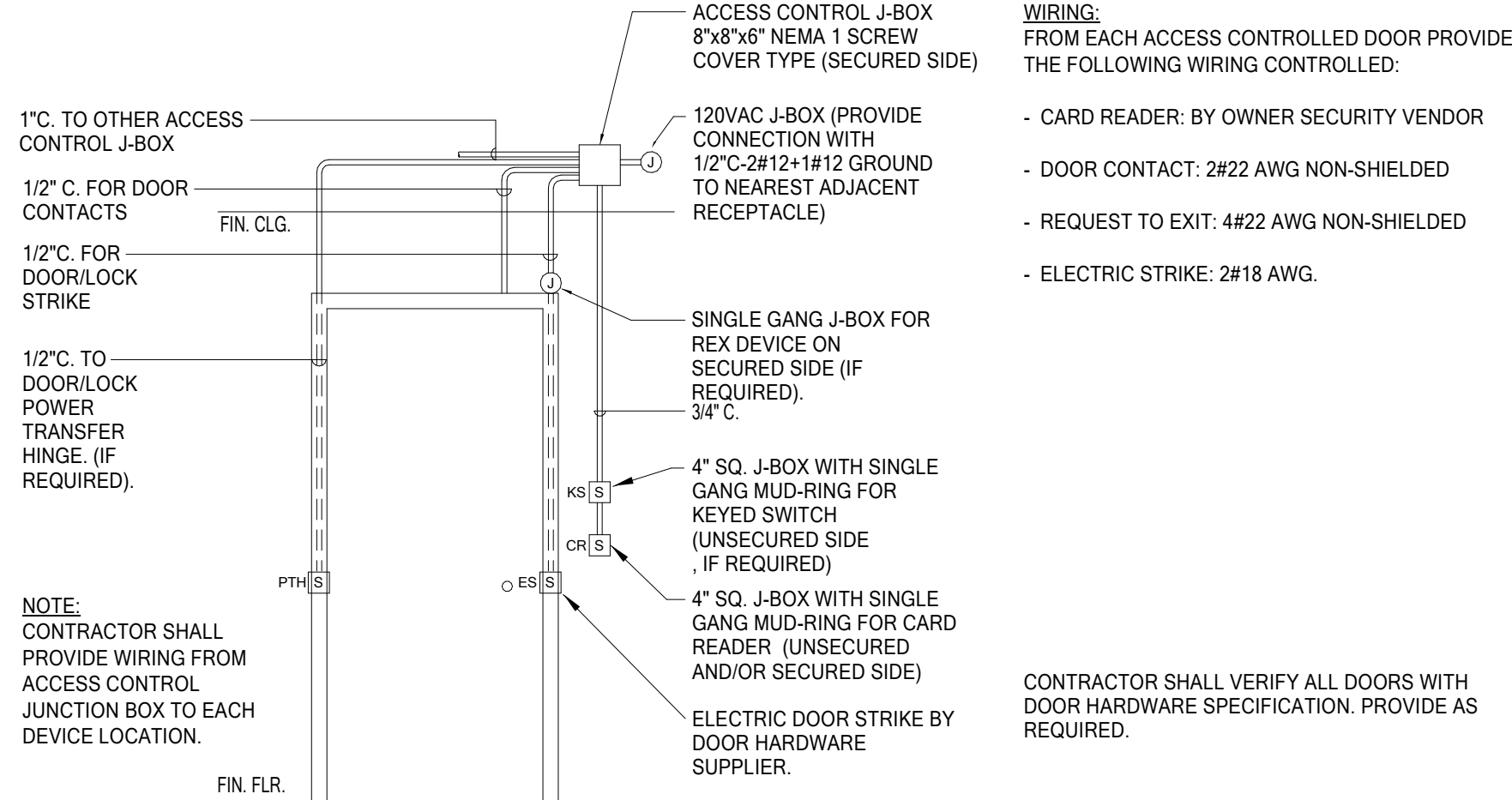
- REFER TO SPECIFICATIONS FOR ADDITIONAL NAMEPLATE REQUIREMENTS.
- NAMEPLATE TO BE 1/16" THICK WHITE PLASTIC WITH PLACARD CENTER LAMINATE. FACE SHALL BE WHITE, ENGRAVED LETTERS SHALL BE BLACK.
- SECURE NAMEPLATE TO SURFACES WITH (2) FLAT HEAD BRASS SCREWS.
- NAMEPLATE INFORMATION SHALL INCLUDE DEVICE NAME, SUPPLY VOLTAGE, AMPERAGE AND LOCATION FED FROM.



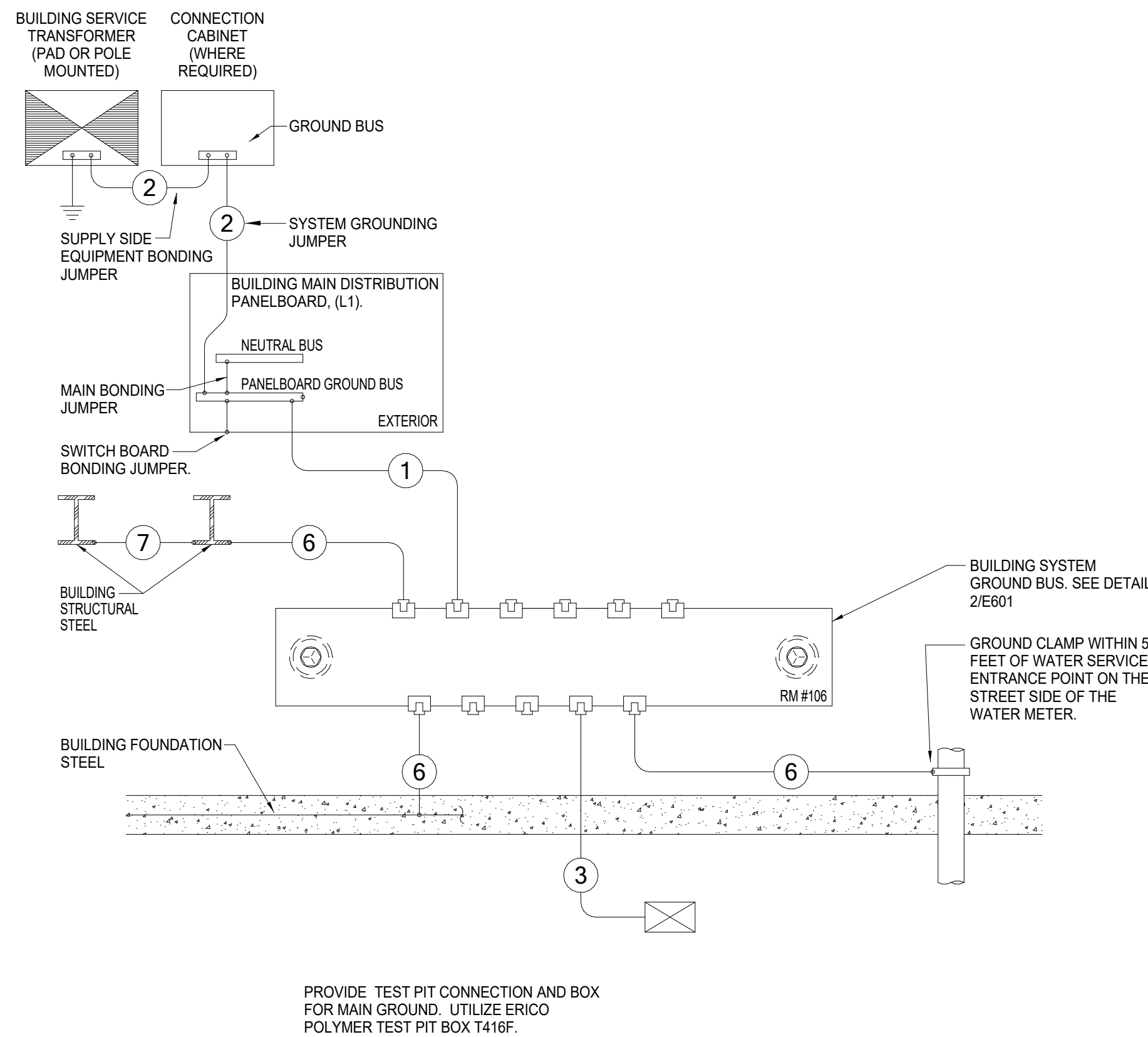
3 Typical Nameplate Detail
SCALE: NO SCALE



2 Ground Bar Detail
SCALE: NO SCALE



4 Access Control Rough-In Detail
SCALE: NO SCALE



- #4/0 AWG INSULATED GROUND CONDUCTOR IN 1-1/4" CONDUIT.
- BUILDING SERVICE ENTRANCE GROUND CONDUCTOR. SEE POWER RISER DIAGRAM 1/E5.2 FOR ADDITIONAL INFORMATION.
- #4/0 AWG BARE COPPER GROUND CONDUCTOR.
- 3/4"x10'-0" LONG COPPER CLAD GROUND ROD DRIVEN WITH TOP OF ROD 1'-0" BELOW GRADE.
- TRANSFORMER GROUNDING CONDUCTOR. SEE POWER RISER DIAGRAM 1/E5.2 FOR ADDITIONAL INFORMATION.
- GROUND AS PER NEC 250. USE #4/0 AWG INSULATED GROUND CONDUCTOR IN 1-1/4" CONDUIT.
- BOND ALL STRUCTURAL STEEL AS REQUIRED BY NEC 250. USE #4/0 AWG BARE COPPER GROUND CONDUCTOR.

1 Building Grounding Electrode System Detail
No Scale

Request for Council Action

SUBJECT: **Authorization to Re-Advertise for Bids for South Valley Park Redevelopment**

MEETING DATE: January 9, 2023

ITEM TYPE: Consent Agenda

CONTACT: Adam Lares, Parks & Recreation Director, 651.450.2587

ACTION REQUESTED

The Council is asked to authorize staff to re-advertise for bids for the South Valley Park Redevelopment Project.

BACKGROUND

On August 22, 2022, Council approved final plans and specifications and authorized staff to seek bids for the South Valley Park Redevelopment Project. Five bids were received, which ranged from \$2.1 million to \$4.3 million. However, the low bidder (Ebert Construction) quickly sought to withdraw its bid due to a substantive error. Detailed information regarding the error in the bid was provided to the City on September 26 and reviewed by the City Attorney's office. Based on the materials provided, it appeared that Ebert Construction made a bona fide error in its bid. Ebert Construction gave the City prompt notice of the error and requested to withdraw its bid before the City took any action in reliance on the bid. Under these circumstances, it was recommended that Ebert Construction be allowed to withdraw its bid.

With the withdrawal of the Ebert bid, the next lowest bid just for construction was from M. Magnuson Construction at \$2.7 million. This bid, along with a 20% contingency and the planned direct purchases by the City, exceeded \$3.7 million, which was well over the total estimated project budget of \$2,789,395. Therefore, staff recommended that all bids be rejected at that time, and the project be rebid at a later date. At its October 10, 2022 meeting, the Council rejected all bids for the project.

Staff are now prepared to re-bid on the project, which has minor changes to the site plans. These minor changes have been approved by the City's Public Works Director and are attached.

As a reminder, the redevelopment of South Valley Park is proposed to proceed in phases, as outlined in the previously adopted park master plan. Phase 1 includes demolition of the existing building, shelter, and playground, construction of a new picnic shelter with restrooms and kitchen, a nature-themed playground, a multi-use performance space, additional parking, ADA-compliant trail system, landscaping, grading, and park amenities. The final plans and specifications, which are attached, include an open-air shelter, as was discussed with and approved by the Council as the preferred alternative.

Once Phase 1 is completed, a future Phase 2 is envisioned to include a natural surface trail loop, boardwalk connections, a retaining wall, interpretive signage, and an archery range. Phase 3 is proposed to include the Western Bluff Area, which includes a community garden, lookout tower, and

trail link.

The anticipated schedule for Phase 1 is as follows:

January 9, 2023	City Council Authorize Bidding
January 11, 2023	Bid Published (Pioneer Press, City Website, & Quest)
January 27, 2023	Review of Bids
February 13, 2023	Recommendation to City Council for Award of Contract
Spring 2023	Demolition, Well Line Work and Removals
Spring/Summer 2023	Full Construction Start
December 2023	Final Completion

FISCAL IMPACT

The specific action of authorizing staff to re-seek bids has no significant financial cost. If a bid is accepted and a construction contract is awarded, funding for the project would come primarily from the City's Park Capital Replacement (Fund 444) and a DNR grant. Money in this fund can be used for park maintenance and redevelopment of existing parks. The fund has a current balance of \$2,117,712. Additionally, per the 2023 approved budget, Fund 444 will receive \$300,000 for park capital replacement projects, of which \$76,515 will be used for this project. This will leave a remaining balance of \$223,485 in the fund for other projects.

The updated estimated project cost is as follows:

Engineers Estimate 12/22/2022	
Estimated Construction Cost	\$1,944,655
Mobilization	\$155,572
Special Inspections/SAC Fee	\$17,800
Construction Contingency 20%	\$388,931
Subtotal	\$2,506,958

City Direct Purchases	
Playground Equipment	\$267,269
Site Furnishings	\$110,000
I.T. / Security	\$60,000
Subtotal	\$437,269

Project Totals	
Construction Total	\$2,506,958

City Direct Purchase	\$437,269
Subtotal	\$2,944,227

As stated earlier, staff have taken steps to reduce costs by being prepared to order materials and equipment directly and completing some work in-house to save on contractor expenses. Current funding sources for this project include the Park Capital Replacement Fund, DNR Grant Funds, Pavement Management Funds, and Sewer and Water Funds. (See revenue chart below).

Park Funding Source	
Park Capital Replacement Fund (Fund 444) as of 11/30/22	\$2,117,712
2023 Park Capital Replacement Fund (Fund 444)	\$76,515
DNR Grant	\$250,000
Pavement Management Fund (2022) & (2023)	\$400,000
Water & Sewer Funding	\$100,000
Subtotal	\$2,944,227

Originally, in January of 2021, staff had indicated to Council that Park Acquisition and Development Funds (402) would be used to fund a portion of this project. Additionally, there was a brief mention at the Council's February 2022 retreat of possibly using some of the City's American Rescue Plan Act (ARPA) funds toward this project. Currently, neither of these alternative funding sources appear to be necessary. However, the Council may still consider utilizing either of these funding sources if needed, based on whether bids exceed the \$2.9 million cost estimate.

A final decision on the mix of funding sources is not needed until the Council awards a contract for construction.

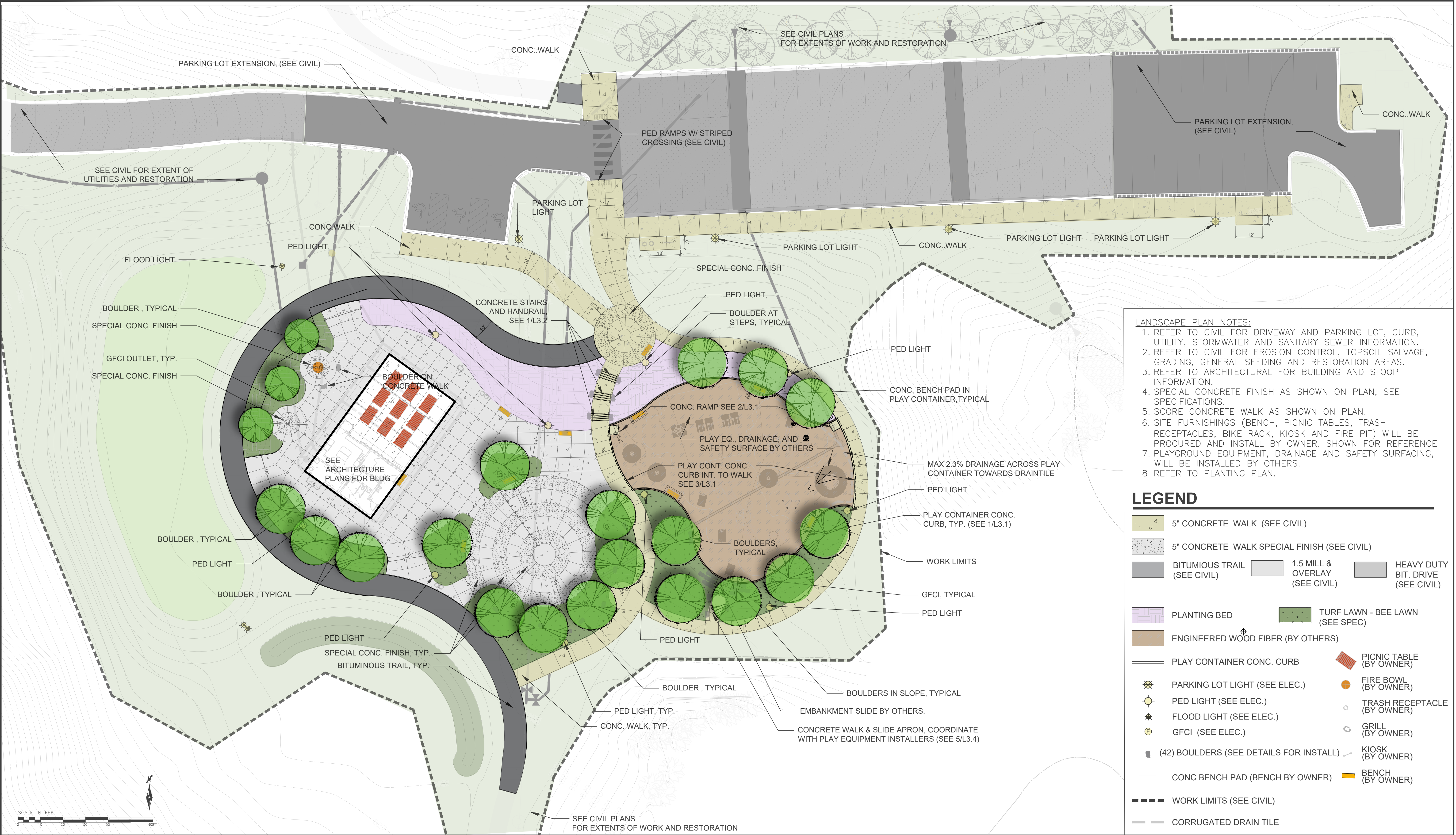
Finally, the DNR grant that the Council accepted in March of 2020 requires that the project be completed by December 2023 in order for the City to be reimbursed. In addition, the improvement project must stay in line with the project scope that the City identified within the application, which includes all improvements listed in Phase 1.

RECOMMENDATION

Staff recommends Council authorize staff to seek bids for Phase 1 of the South Valley Park Redevelopment Project.

ATTACHMENTS

1. Site Design_8.16.2022
2. Shelter Design_8.16.2022
3. Playground Design_8.16.2022
4. SVP_Engineers Estimate_12.22.2022
5. SouthValleyPark - Full Bid Plan Set 12.22.2022

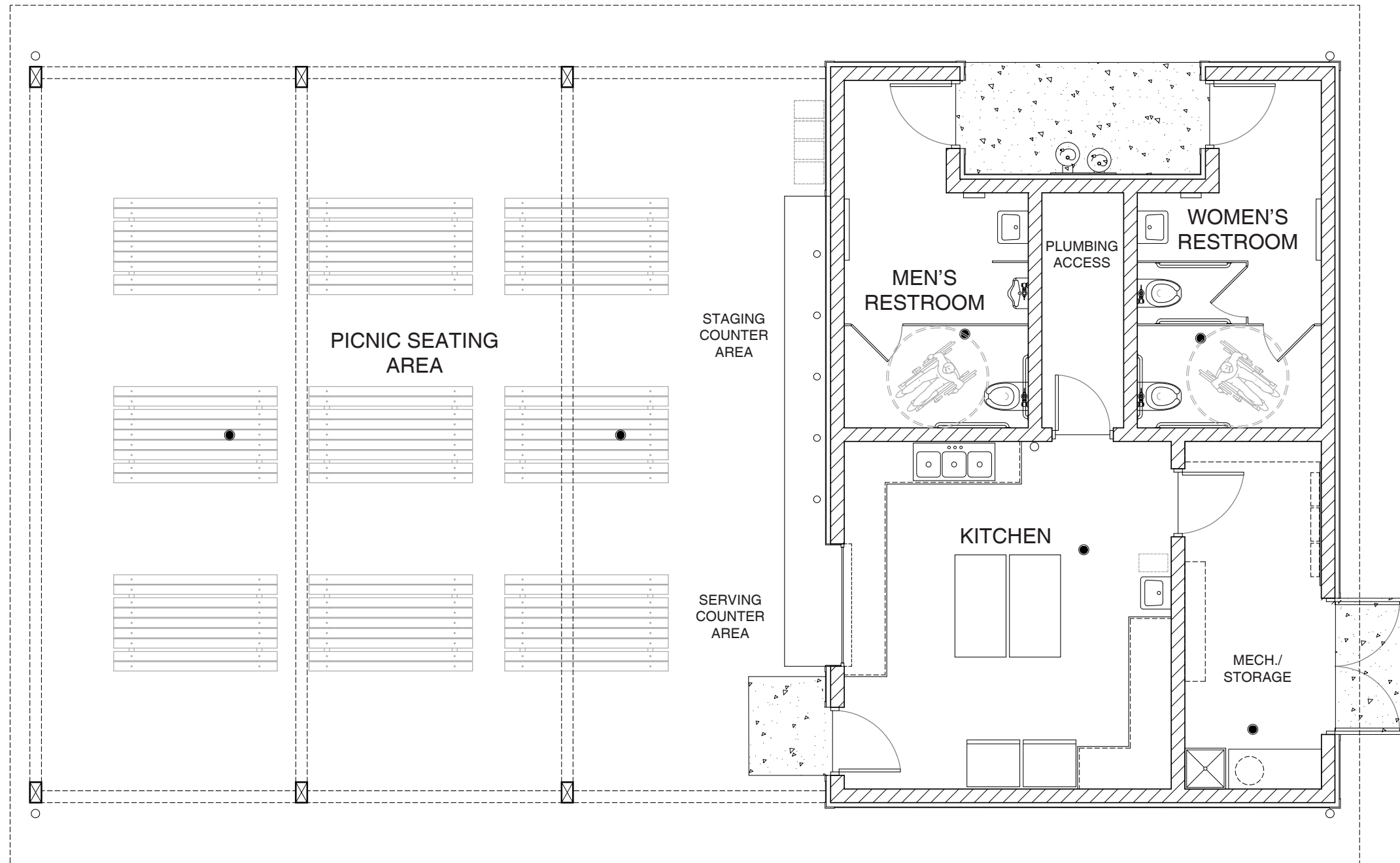


- LANDSCAPE PLAN NOTES:**
1. REFER TO CIVIL FOR DRIVEWAY AND PARKING LOT, CURB, UTILITY, STORMWATER AND SANITARY SEWER INFORMATION.
 2. REFER TO CIVIL FOR EROSION CONTROL, TOPSOIL SALVAGE, GRADING, GENERAL SEEDING AND RESTORATION AREAS.
 3. REFER TO ARCHITECTURAL FOR BUILDING AND STOOP INFORMATION.
 4. SPECIAL CONCRETE FINISH AS SHOWN ON PLAN, SEE SPECIFICATIONS.
 5. SCORE CONCRETE WALK AS SHOWN ON PLAN.
 6. SITE FURNISHINGS (BENCH, PICNIC TABLES, TRASH RECEPTACLES, BIKE RACK, KIOSK AND FIRE PIT) WILL BE PROCURED AND INSTALL BY OWNER. SHOWN FOR REFERENCE
 7. PLAYGROUND EQUIPMENT, DRAINAGE AND SAFETY SURFACING, WILL BE INSTALLED BY OTHERS.
 8. REFER TO PLANTING PLAN.

LEGEND

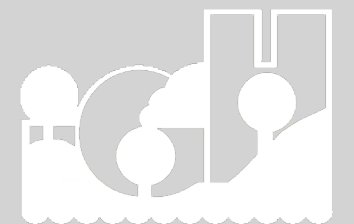
	5" CONCRETE WALK (SEE CIVIL)		HEAVY DUTY BIT. DRIVE (SEE CIVIL)
	5" CONCRETE WALK SPECIAL FINISH (SEE CIVIL)		1.5 MILL & OVERLAY (SEE CIVIL)
	BITUMINOUS TRAIL (SEE CIVIL)		PLANTING BED
	TURF LAWN - BEE LAWN (SEE SPEC)		ENGINEERED WOOD FIBER (BY OTHERS)
	PLAY CONTAINER CONC. CURB		PICNIC TABLE (BY OWNER)
	PARKING LOT LIGHT (SEE ELEC.)		FIRE BOWL (BY OWNER)
	PED LIGHT (SEE ELEC.)		TRASH RECEPTACLE (BY OWNER)
	FLOOD LIGHT (SEE ELEC.)		GRILL (BY OWNER)
	GFCI (SEE ELEC.)		KIOSK (BY OWNER)
	(42) BOULDERS (SEE DETAILS FOR INSTALL)		BENCH (BY OWNER)
	CONC BENCH PAD (BENCH BY OWNER)		
	WORK LIMITS (SEE CIVIL)		
	CORRUGATED DRAIN TILE		

Date		Revision	By	HKGI Project No.: 021-002		I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota.		Consultant:  Landscape Architecture / Planning / Urban Design Minneapolis, Minnesota www.hkgi.com	Owner:	Project:	SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS INVER GROVE HEIGHTS, MINNESOTA	SHEET		
07.24.22		100% REVIEW SET				Designed by: JLR							Paul Paige, LA	
						Drawn by: TDS, AJB							23594	
						Checked By: PP							07.27.2022	
						Registration No.		Date		CITY PROJ. # 2114		LANDSCAPE PLAN		



OPTION B

(OPEN AIR SHELTER DESIGN) 07.14.2022





OPTION B | (OPEN AIR SHELTER DESIGN) 07.14.2022





OPTION B | (OPEN AIR SHELTER DESIGN) 07.14.2022





OPTION B | (OPEN AIR SHELTER DESIGN) 07.14.2022





ENGINEERS ESTIMATE 12/22/2022		
ITEM	DESCRIPTION	ESTIMATED COST
1	SITE PREP	\$38,400
2	REMOVALS	\$69,120
3	STORMWATER	\$86,110
4	WATER SERVICE	\$6,125
5	WELL LINE	\$146,200
6	SANITARY SEWER	\$51,720
7	SITE ELECTRICAL & LIGHTING	\$118,000
8	EARTHWORKS	\$122,000
9	PAVEMENTS	\$390,145
10	LANDSCAPING	\$96,835
11	SHELTER	\$820,000
BID SUBTOTAL		\$1,944,655
12a	MOBILIZATION (8%)	\$155,572
12b	SPECIAL INSPECTIONS/SAC FEES	\$17,800
12c	CONTINGENCY (20%)	\$388,931
TOTAL BID ESTIMATE		\$2,506,958

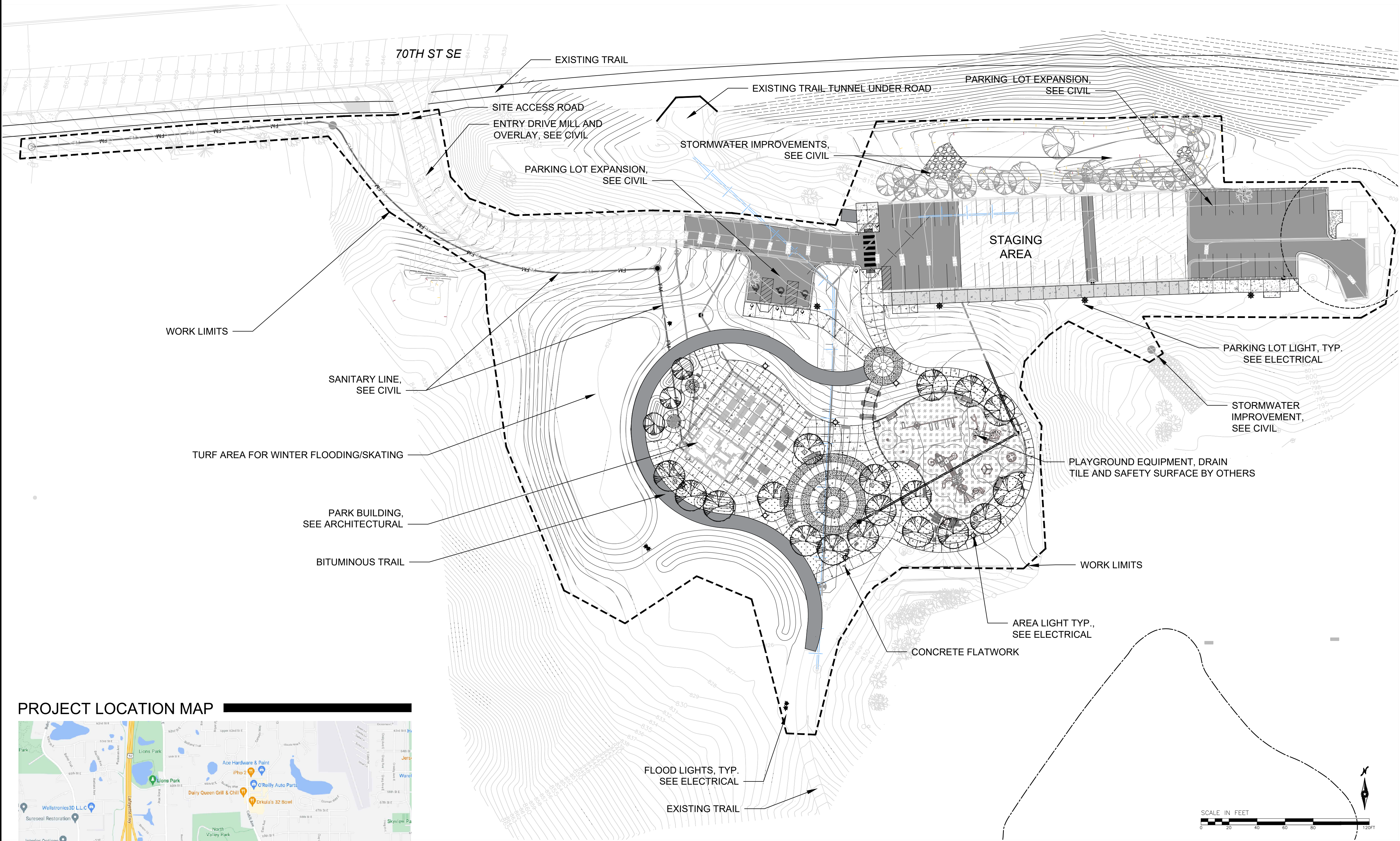
CITY DIRECT PURCHASES		
ITEM	DESCRIPTION	ESTIMATED COST
15	PLAYGROUND EQUIPMENT	\$267,269
16	SITE FURNISHINGS (ALLOWANCE)	\$110,000
17	SECURITY	\$60,000
CITY DIRECT PURCHASE TOTAL		\$437,269

PROJECT TOTALS		
CONTRACTED TOTAL		\$2,506,958
CITY DIRECT PURCHASE TOTAL		\$437,269
	PROJECT TOTAL	\$2,944,227

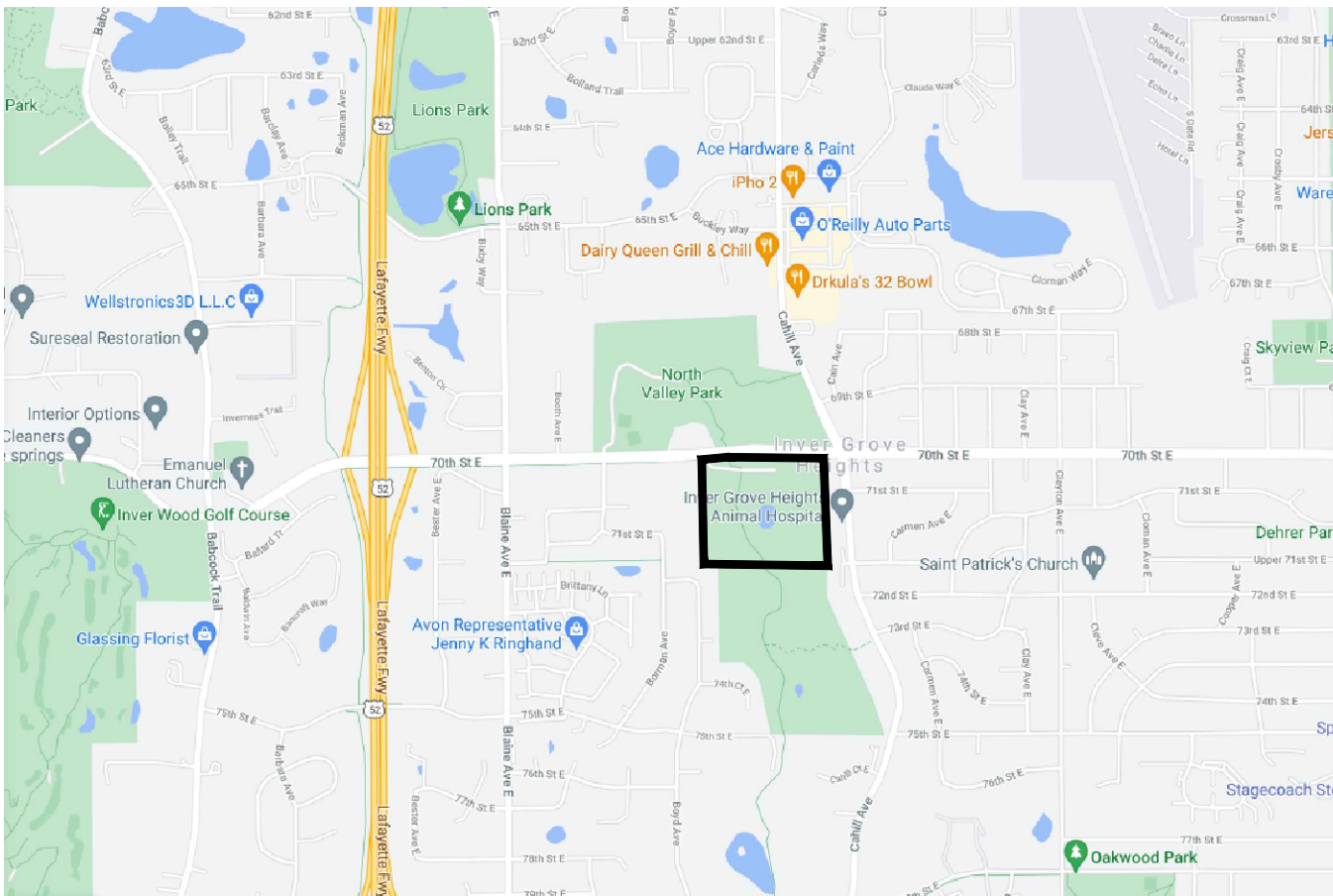
SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS

SHEET INDEX

T1.1	TITLE SHEET
SITE	
C1.0	EXISTING CONDITIONS
C2.0	REMOVAL PLANS
C3.0	CIVIL SITE PLAN
C4.0	SITE GRADING PLAN
C5.0	STORM SEWER SYSTEM PLAN & PROFILE
C5.1	WATER DISTRIBUTION PLAN & PROFILE
C5.2	SANITARY FORCEMAN PLAN & PROFILE
C6.0	EROSION CONTROL PLAN
C7.0	CIVIL DETAILS
C7.1	CIVIL DETAILS
C7.2	CIVIL DETAILS
C7.3	CIVIL DETAILS
C7.4	EROSION CONTROL DETAILS
L1.1 LANDSCAPE PLAN	
L2.1	PLANTING PLAN
L3.1	SITE FEATURES DETAILS
L3.2	SITE FEATURES DETAILS
L3.3	SITE FEATURES DETAILS
L3.4	SITE FEATURES DETAILS
GENERAL (BUILDING)	
G100	TITLE AND INDEX PAGE
G101	CODE PLAN
G102	GENERAL INFORMATION
ARCHITECTURAL	
A101	FLOOR PLAN
A102	ROOF PLAN
A201	REFLECTED CEILING PLAN
A301	EXTERIOR ELEVATIONS
A302	EXTERIOR ELEVATIONS
A401	SHELTER SECTIONS
A402	WALL SECTIONS
A403	WALL SECTIONS
A601	SCHEDULES
A701	INTERIOR ELEVATIONS
STRUCTURAL	
S000	GENERAL STRUCTURAL NOTES
S100	FOUNDATION PLAN
S101	CEILING FRAMING PLAN
S102	ROOF FRAMING PLAN
S200	ELEVATIONS
S201	ELEVATIONS AND DETAILS
S300	FOUNDATION DETAILS
MECHANICAL	
M001	MECHANICAL TITLE SHEET
M101	UNDERGROUND PLUMBING PLAN
M102	PLUMBING PLAN
M201	HVAC PLAN
M301	HVAC PIPING PLAN
M400	MECHANICAL SCHEDULE AND DETAILS
ELECTRICAL	
E000	ELECTRICAL TITLE SHEET
E001	ELECTRICAL SITE PLAN
E101	ELECTRICAL LIGHTING PLAN
E201	ELECTRICAL POWER AND SYSTEMS PLAN
E300	ELECTRICAL DETAILS
E400	ELECTRICAL SCHEDULES



PROJECT LOCATION MAP



Date 12.22.22	Revision REBID SET	By	HKGI Project No.: 021-002	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota. Paul Paige, LA 23594 Registration No. 08.12.2022 Date	Consultant: HKGI Landscape Architecture / Planning / Urban Design Minneapolis, Minnesota www.hkgi.com	Owner: INVER GROVE HEIGHTS, MINNESOTA CITY PROJ. # 2114	Project: SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS INVER GROVE HEIGHTS, MINNESOTA Sheet Title: TITLE SHEET	SHEET T1.1
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- NOTES:**
- EXISTING CONDITIONS & TOPOGRAPHIC INFORMATION PROVIDED BY:
DESIGN TREE ENGINEERING & LAND SURVEYING
120 17TH AVENUE W
ALEXANDRIA, MN 56308
 - THE LOCATIONS AND ELEVATIONS OF THE EXISTING UTILITIES SHOWN HEREIN ARE APPROXIMATE. THEY HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND/OR RECORDS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING LOCATION AND ELEVATION TO ENSURE THAT ANY EXISTING UTILITIES (SHOWN OR NOT SHOWN) ARE NOT DAMAGED DURING CONSTRUCTION.
 - GOPHER STATE ONE CALL DAMAGE PREVENTION SYSTEM FOR BURIED UTILITIES. 1-800-252-1166.

LEGEND

- HYDRANT
- SANITARY MANHOLE
- GATE VALVE
- POWER POLE
- LIGHT POLE
- CATCH BASIN
- SIGN
- DECIDUOUS TREE
- CONIFEROUS TREE
- SHRUB
- PEDESTAL
- GUY WIRE
- BOLLARD
- POWER BOX
- ELECTRIC METER
- MONITORING WELL
- SANITARY SEWER CLEANOUT
- WOOD FENCE
- CHAINLINK FENCE
- WIRE FENCE
- STORM SEWER LINE
- SANITARY SEWER LINE
- WATERMAIN
- OVERHEAD ELECTRIC
- UNDERGROUND TELEPHONE
- UNDERGROUND FIBER
- UNDERGROUND ELECTRIC
- UNDERGROUND GAS LINE
- CONCRETE PAVEMENT
- BITUMINOUS PAVEMENT
- AGGREGATE SURFACING
- LANDSCAPING
- BUILDING

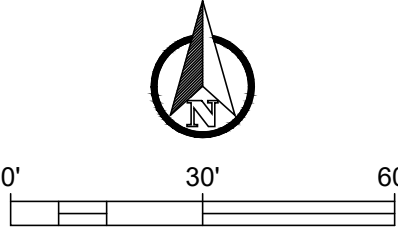
APPROVED:

Brian D. Connolly

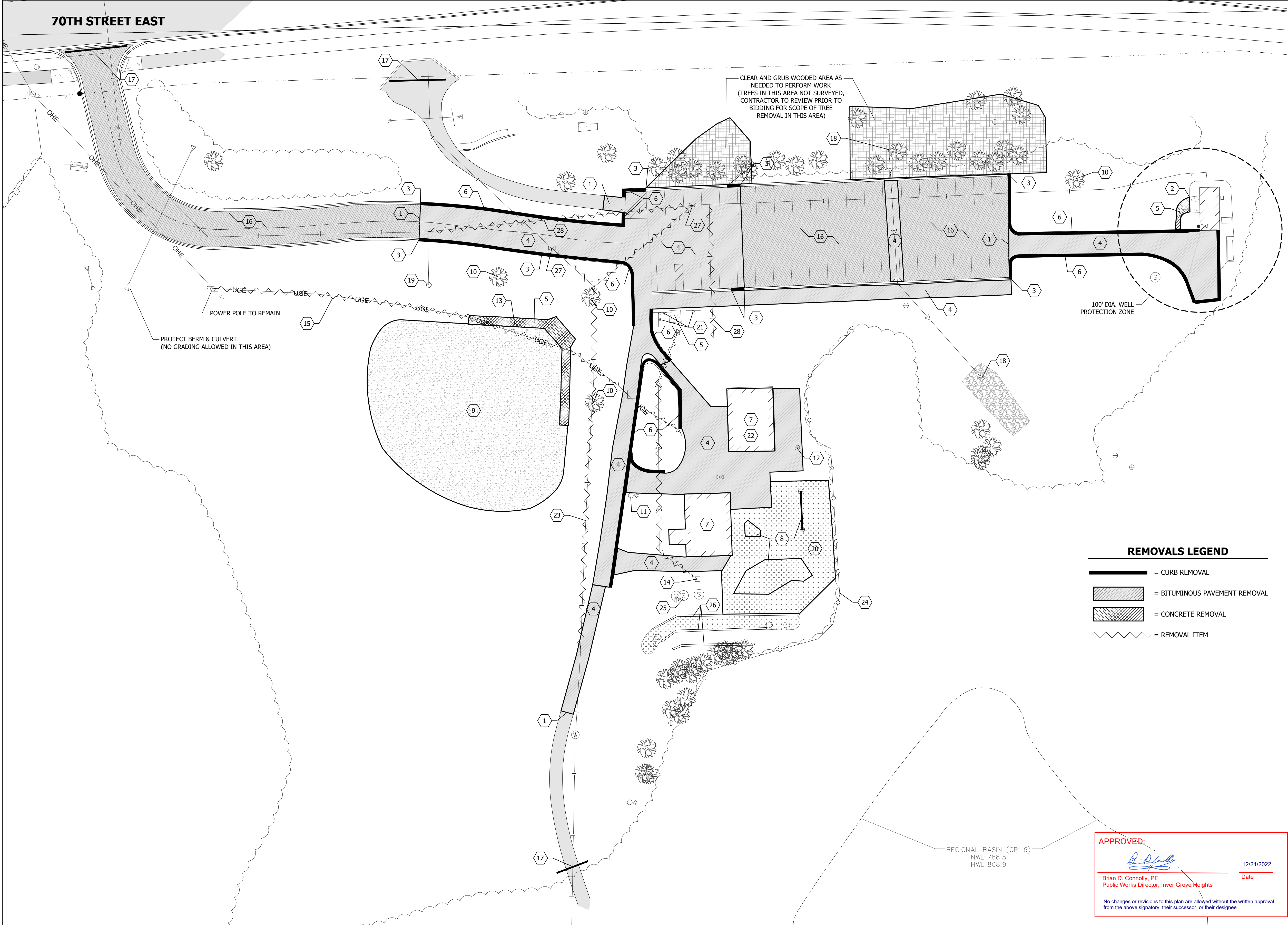
Brian D. Connolly, PE
Public Works Director, Inver Grove Heights

12/21/2022
Date

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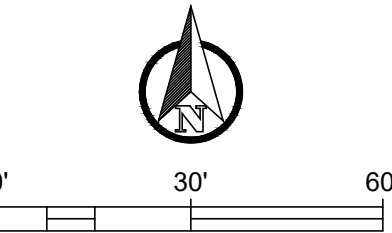


Date	Revision	By	HKGI Project No.: 021-002	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Engineer under the laws of the State of Minnesota.  Jeremy E. Anderson, PE 44223 Registration No. 07.27.22 Date	 DESIGN TREE engineering + land surveying St. Cloud Alexandria Rogers 320-217-5557	Client: INVER GROVE HEIGHTS, MINNESOTA CITY PROJ. # 2114	Project: SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS INVER GROVE HEIGHTS, MINNESOTA Sheet Title: EXISTING CONDITIONS	SHEET C1.0	
8.12.22	BID SET								Designed by: RJK
12.05.22	DOLI COMMENTS								Drawn by: RJK
12.22.22	REVISED DOLI COMMENTS								Checked By: JEA

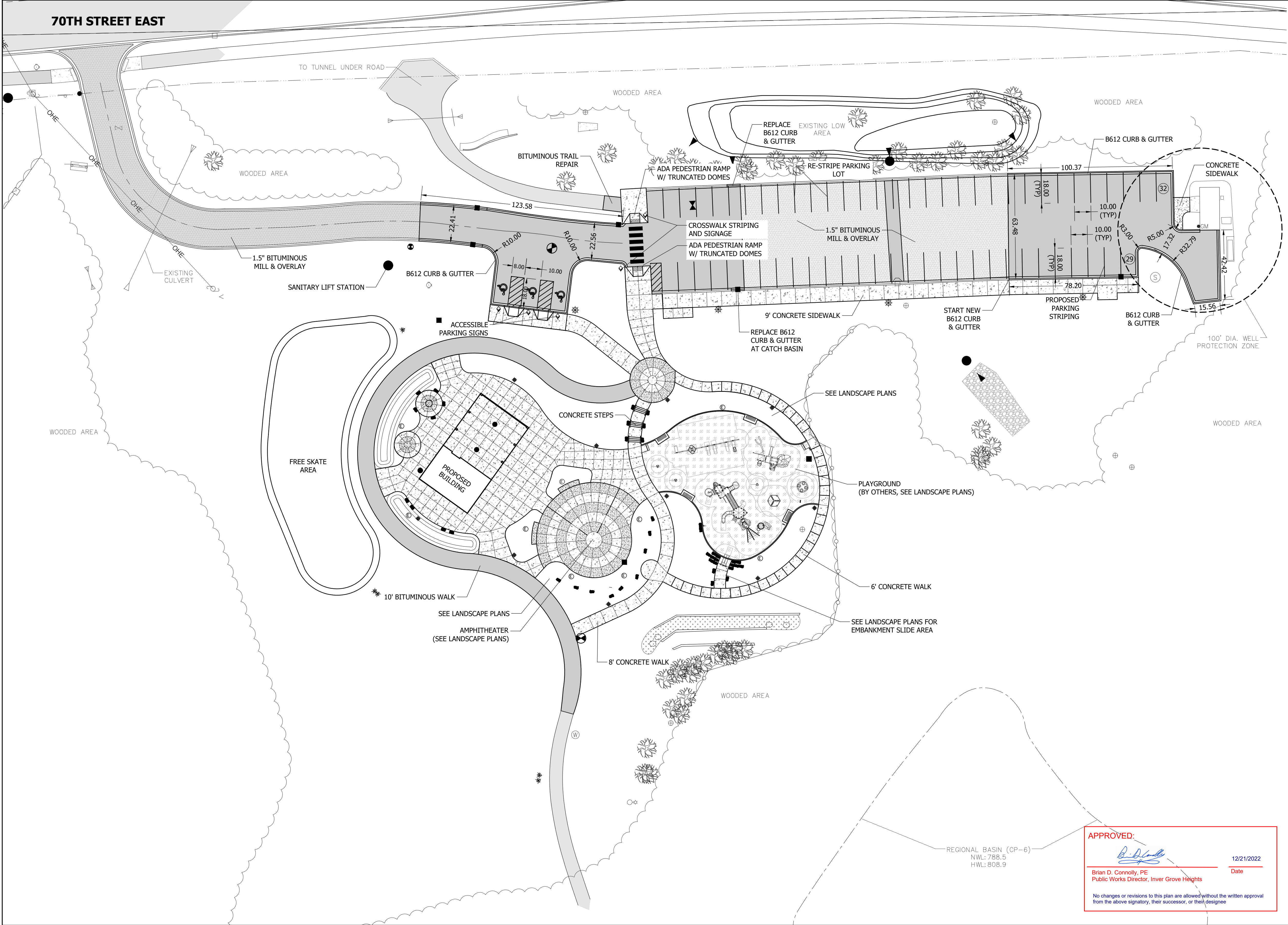


- NOTES:**
- CONTRACTOR SHALL FIELD VERIFY ALL BUILDING DIMENSIONS AND REMOVAL LIMITS PRIOR TO ANY CONSTRUCTION.
 - DEMOLITION PERMIT REQUIRED FOR BUILDINGS AND SEPTIC SYSTEM. CONTRACTOR TO SECURE PERMIT AND FOLLOW CITY STANDARDS AND PROCEDURES.
 - SAWCUT CURB AND GUTTER AND SIDEWALK, OR REMOVE AT NEAREST EXPANSION JOINTS.
 - SAWCUT BITUMINOUS PAVEMENT FULL DEPTH AT ALL TIE-IN LOCATIONS.
 - CONTRACTOR SHALL PLACE ALL NECESSARY EROSION CONTROL MEASURES REQUIRED TO MAINTAIN SITE STABILITY PRIOR TO EXECUTING ANY SITE REMOVALS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH UTILITY PROVIDERS FOR REMOVAL AND/OR RELOCATION OF EXISTING UTILITIES AFFECTED BY SITE DEVELOPMENT. ALL PERMITS, APPLICATIONS, AND FEES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
 - ALL EXCESS OR WASTE MATERIAL GENERATED AS PART OF CONSTRUCTION SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS.
 - CONTRACTOR SHALL MAINTAIN FULL ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION AND TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES.
 - THE LOCATIONS AND ELEVATIONS OF THE EXISTING UTILITIES SHOWN HEREIN ARE APPROXIMATE. THEY HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND/OR RECORDS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING LOCATION AND ELEVATION TO ENSURE THAT ANY EXISTING UTILITIES (SHOWN OR NOT SHOWN) ARE NOT DAMAGED DURING CONSTRUCTION.
 - GOPHER STATE ONE CALL DAMAGE PREVENTION SYSTEM FOR BURIED UTILITIES. 1-800-252-1166.

- KEY NOTES:**
- 1 SAWCUT EXISTING BITUMINOUS PAVEMENT
 - 2 SAWCUT EXISTING CONCRETE OR REMOVE AT NEAREST EXPANSION JOINT
 - 3 SAWCUT EXISTING CURB & GUTTER OR REMOVE AT NEAREST EXPANSION JOINT
 - 4 REMOVE EXISTING BITUMINOUS PAVEMENT
 - 5 REMOVE EXISTING CONCRETE
 - 6 REMOVE EXISTING CURB & GUTTER
 - 7 REMOVE BUILDING (SEE NOTE #2)
 - 8 REMOVE PLAYGROUND EQUIPMENT
 - 9 REMOVE AND SALVAGE EXISTING AGLIME (BY OWNER)
 - 10 REMOVE TREE
 - 11 REMOVE AND SALVAGE EXISTING LIGHT POLES (TYP)
 - 12 REMOVE BOLLARD/ POST
 - 13 REMOVE FENCE
 - 14 REMOVE CATCH BASIN AND 6" PIPE
 - 15 REMOVE UNDERGROUND ELECTRIC LINE (COORDINATE W/ LOCAL POWER COMPANY)
 - 16 1.5" MILL & OVERLAY
 - 17 TRAIL AND PARK ENTRANCE TO BE CLOSED DURING CONSTRUCTION
 - 18 REMOVE EXISTING APRON
 - 19 HYDRANT TO REMAIN
 - 20 REMOVE PLAYGROUND BASE
 - 21 REMOVE AND SALVAGE MISC. SIGNS AND DOG BAG DISPENSER
 - 22 SALVAGE ALL EXISTING PICNIC TABLES
 - 23 REMOVE AND REPLACE WELL LINE (SEE UTILITY PLAN AND PROCEDURES)
 - 24 CHAINLINK FENCE TO REMAIN
 - 25 REMOVE SEPTIC SYSTEM (SEE NOTE #2)
 - 26 RETAINING WALLS TO REMAIN
 - 27 REMOVE GATE VALVE (SEE UTILITY PLAN AND PROCEDURES)
 - 28 ABANDON EXISTING WATER LINE



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8.12.22	BID SET								Designed by: RJK	44223 Registration No.	07.27.22 Date	Sheet Title: REMOVALS PLAN	C2.0
12.05.22	DOLI COMMENTS												
12.22.22	REVISED DOLI COMMENTS												
			Checked By: JEA										



- NOTES:**
- ALL DIMENSIONS SHOWN ARE TO FLOW LINE, CENTERLINE OF FENCE, EDGE OF PAVEMENT, OR EXTERIOR FACE OF BUILDING, UNLESS OTHERWISE NOTED.
 - CONTRACTOR SHALL VERIFY ALL PLAN AND DETAIL DIMENSIONS PRIOR TO CONSTRUCTION.
 - ALL CROSSWALK STRIPING SHALL BE WHITE IN COLOR.
 - ALL INTERIOR PARKING STALL STRIPING SHALL BE 4" AND YELLOW IN COLOR.
 - ACCESSIBLE PARKING STALL STRIPING, ACCESS AISLE, AND SYMBOL SHALL BE PAINTED IN ACCORDANCE WITH LOCAL AUTHORITY REQUIREMENTS.
 - CONTRACTOR SHALL MAINTAIN FULL ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION AND TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES.
 - ALL SITE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
 - NO CONTAMINATION SOURCES ALLOWED WITHIN 50' OF WELL.
 - GOPHER STATE ONE CALL DAMAGE PREVENTION SYSTEM FOR BURIED UTILITIES. 1-800-252-1166.

LEGEND

[Symbol]	LIGHT DUTY BITUMINOUS PAVEMENT
[Symbol]	HEAVY DUTY BITUMINOUS PAVEMENT
[Symbol]	1.5" MILL & OVERLAY
[Symbol]	CONCRETE PAVEMENT
[Symbol]	CONCRETE SIDEWALK
[Symbol]	PROPOSED CURB AND GUTTER
[Symbol]	PROPOSED TIPPED CURB AND GUTTER
[Symbol]	PROPOSED RETAINING WALL
[Symbol]	PROPOSED CHAINLINK FENCE
[Symbol]	PROPOSED WOOD/VINYL (PRIVACY) FENCE
[Symbol]	PROPOSED TRAFFIC CONTROL SIGNAGE
[Symbol]	PROPOSED PAINTED DIRECTIONAL ARROW
[Symbol]	PROPOSED PAINTED ACCESSIBLE PARKING SYMBOL

PROPERTY INFORMATION

TOTAL PROPERTY AREA	24.2 AC
DISTURBED AREA	2.3 ±AC
EXISTING IMPERVIOUS AREA	59,258 SF (1.360 AC)
PROPOSED IMPERVIOUS AREA	67,388 SF (1.547 AC)
NET INCREASE IMPERVIOUS AREA	8,130 SF (0.187 AC)
VOLUME FROM 1" RUNOFF	5,616 CF
VOLUME PROVIDED BELOW WEIR	5,935 CF

PARKING INFORMATION

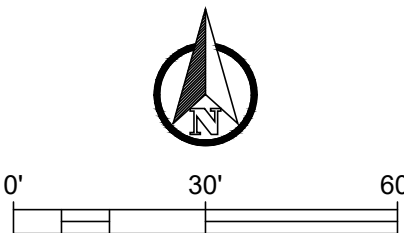
BEFORE IMPROVEMENTS	
PARKING STALLS	37 STALLS
ACCESSIBLE STALLS	2 STALL
TOTAL EXISTING PARKING STALLS	39 STALLS
AFTER IMPROVEMENTS	
PARKING STALLS	61 STALLS
ACCESSIBLE STALLS	3 STALLS
TOTAL PROPOSED PARKING STALLS	64 STALLS
NET INCREASE	25 STALLS

APPROVED:

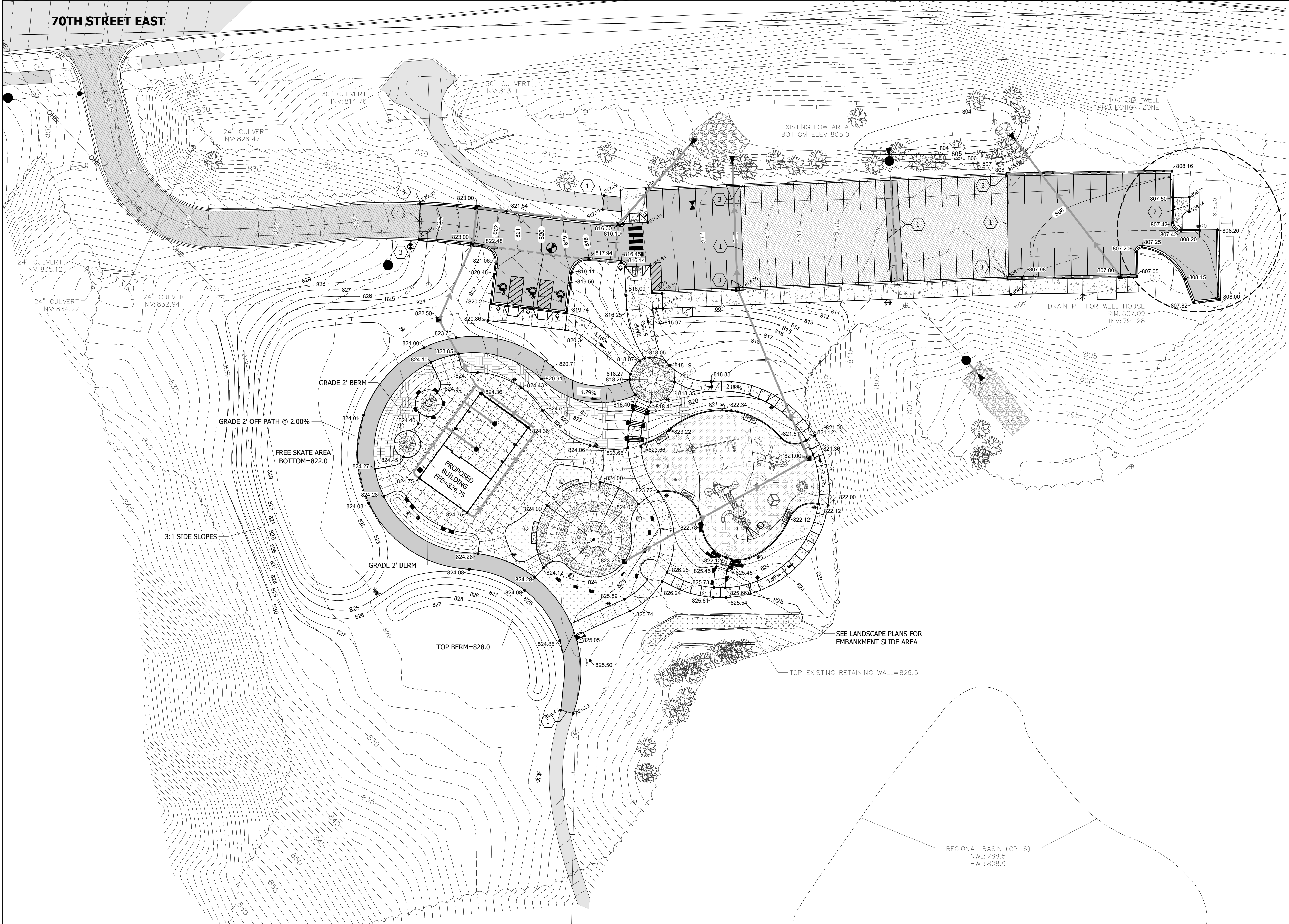
Brian D. Connolly 12/21/2022
Date

Brian D. Connolly, PE
Public Works Director, Inver Grove Heights

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8.12.22	BID SET		Designed by: RJK					
12.05.22	DOLI COMMENTS		Drawn by:RJK					
12.22.22	REVISED DOLI COMMENTS		Checked By: JEA					



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 - SIDEWALKS SHALL MEET ADA REQUIREMENTS, AND SHALL NOT EXCEED 2.00% CROSS SLOPE, OR 5.00% LONGITUDINAL SLOPE.
 - CONCRETE ENTRANCES AND APPROACHES SHALL NOT EXCEED 2.00% CROSS SLOPE IN SIDEWALK AREAS.
 - ACCESSIBLE PARKING STALLS SHALL MEET ADA REQUIREMENTS, AND SHALL NOT EXCEED 2.00% CROSS SLOPE IN ALL DIRECTIONS.
 - PEDESTRIAN RAMPS SHALL MEET ADA REQUIREMENTS.
 - ALL EXCESS OR WASTE MATERIAL GENERATED AS PART OF CONSTRUCTION SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS.
 - ALL EXCAVATION SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF "STANDARD SPECIFICATIONS FOR TRENCH EXCAVATION AND BACKFILL/SURFACE RESTORATION" AS PREPARED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA.
 - ALL SITE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
 - SPOT ELEVATIONS SHOWN INDICATE FINISHED PAVEMENT ELEVATIONS & GUTTER FLOW LINE UNLESS OTHERWISE NOTED. PROPOSED CONTOURS ARE TO FINISHED SURFACE GRADE.
 - GOPHER STATE ONE CALL DAMAGE PREVENTION SYSTEM FOR BURIED UTILITIES. 1-800-252-1166.

GRADING LEGEND	
	= EXISTING MAJOR CONTOUR
	= EXISTING MINOR CONTOUR
	= EXISTING CONTOUR LABEL
	= PROPOSED MAJOR CONTOUR
	= PROPOSED MINOR CONTOUR
	= PROPOSED CONTOUR LABEL
	= EXISTING SPOT ELEVATION*
	= PROPOSED SPOT ELEVATION*

*SPOT ELEVATIONS ALONG CURB & GUTTER AND OTHER REVEALS ARE TO FLOWLINE, UNLESS OTHERWISE NOTED.

- KEY NOTES:**
- 1 MATCH INTO EXISTING BITUMINOUS PAVEMENT
 - 2 MATCH INTO EXISTING CONCRETE
 - 3 MATCH INTO EXISTING CURB & GUTTER
 - 4 ADA PEDESTRIAN RAMP (SEE DETAILS)

APPROVED:

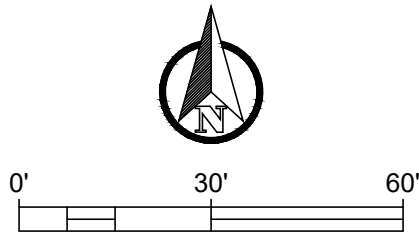


12/21/2022

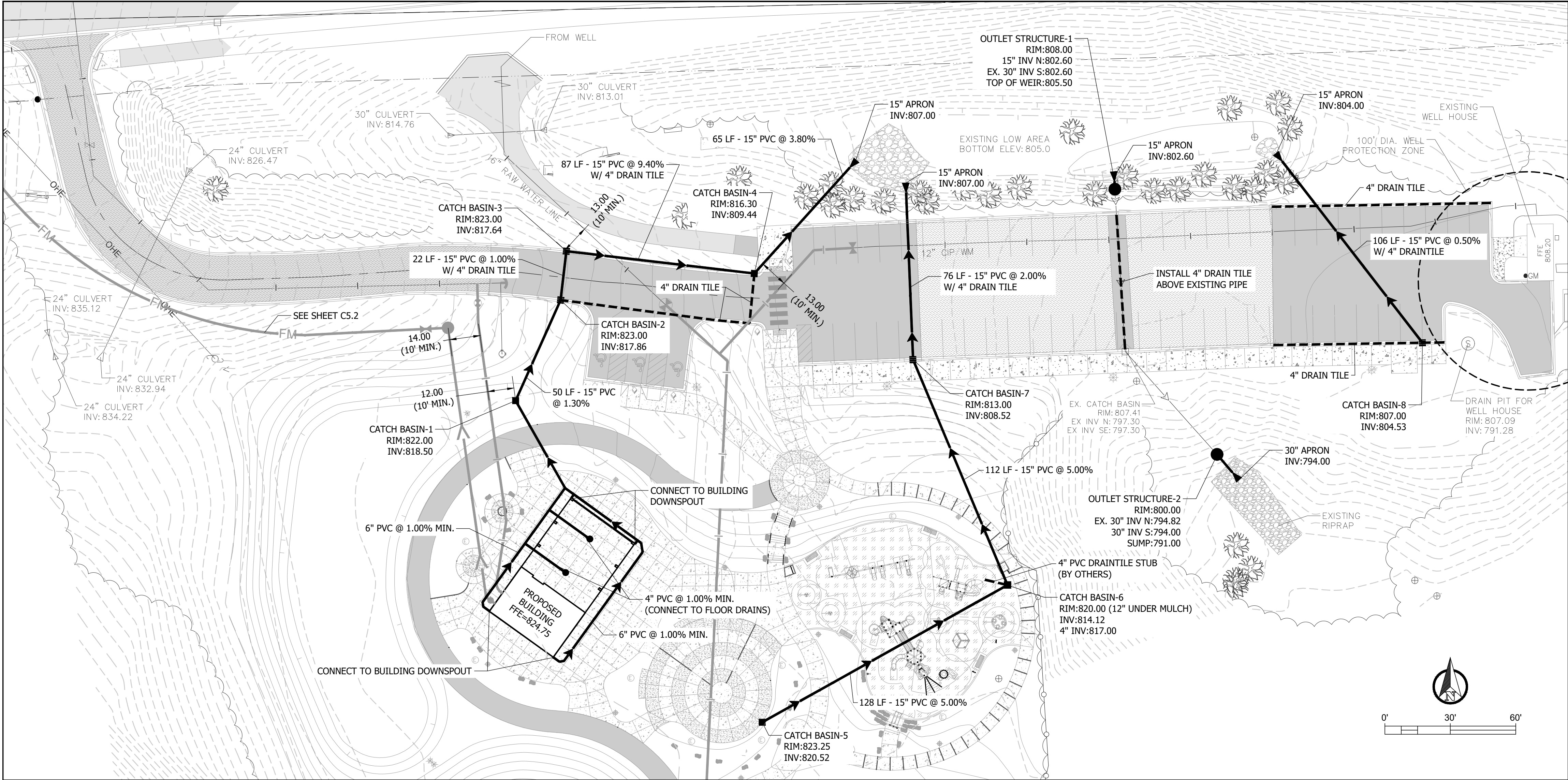
Brian D. Connolly, PE
Public Works Director, Inver Grove Heights

Date

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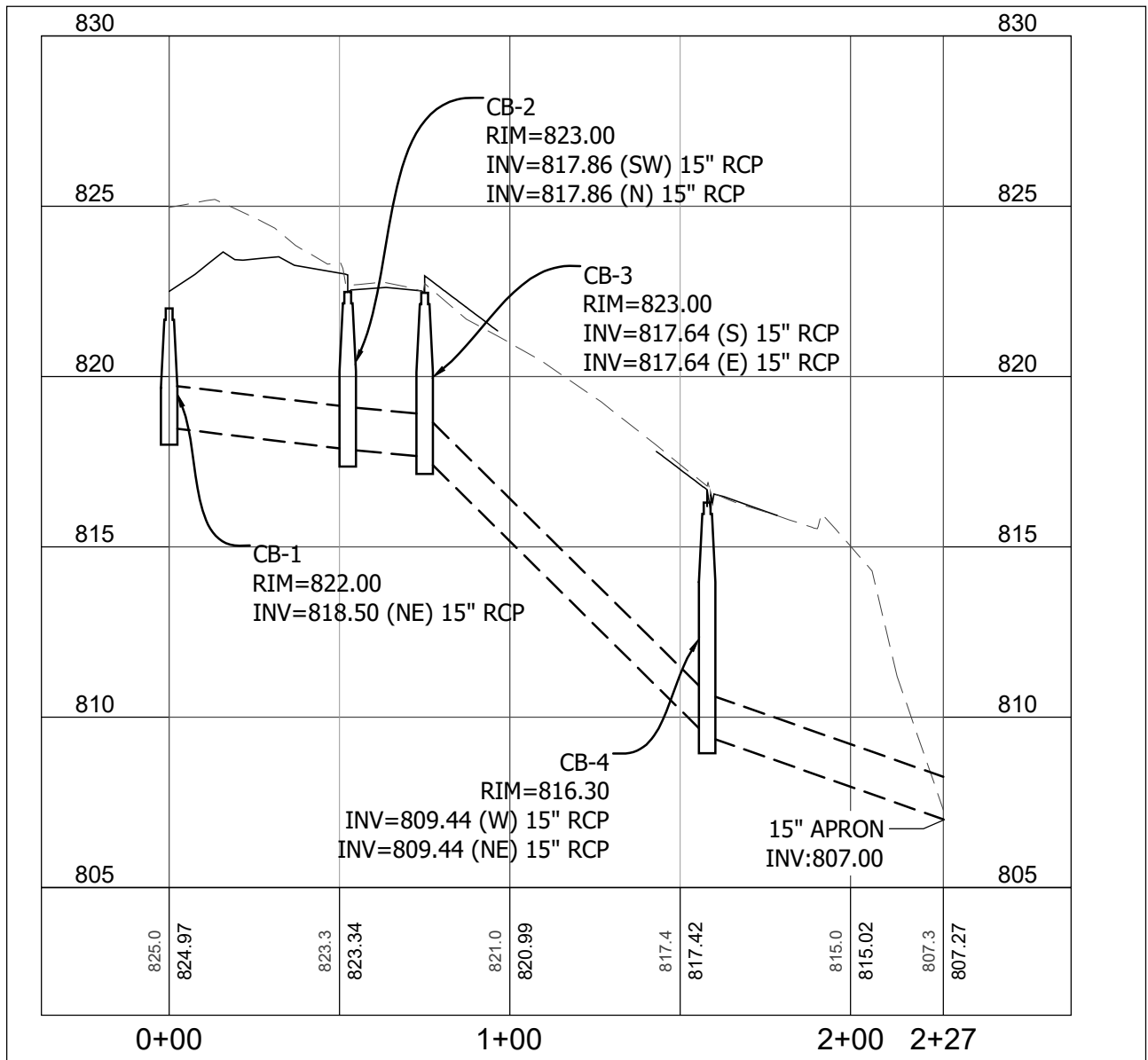
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8.12.22	BID SET							
12.05.22	DOLI COMMENTS							
12.22.22	REVISED DOLI COMMENTS							
			Designed by: RJK					C4.0
			Drawn by: RJK					
			Checked By: JEA	44223 Registration No.	07.27.22 Date		Sheet Title: SITE GRADING PLAN	



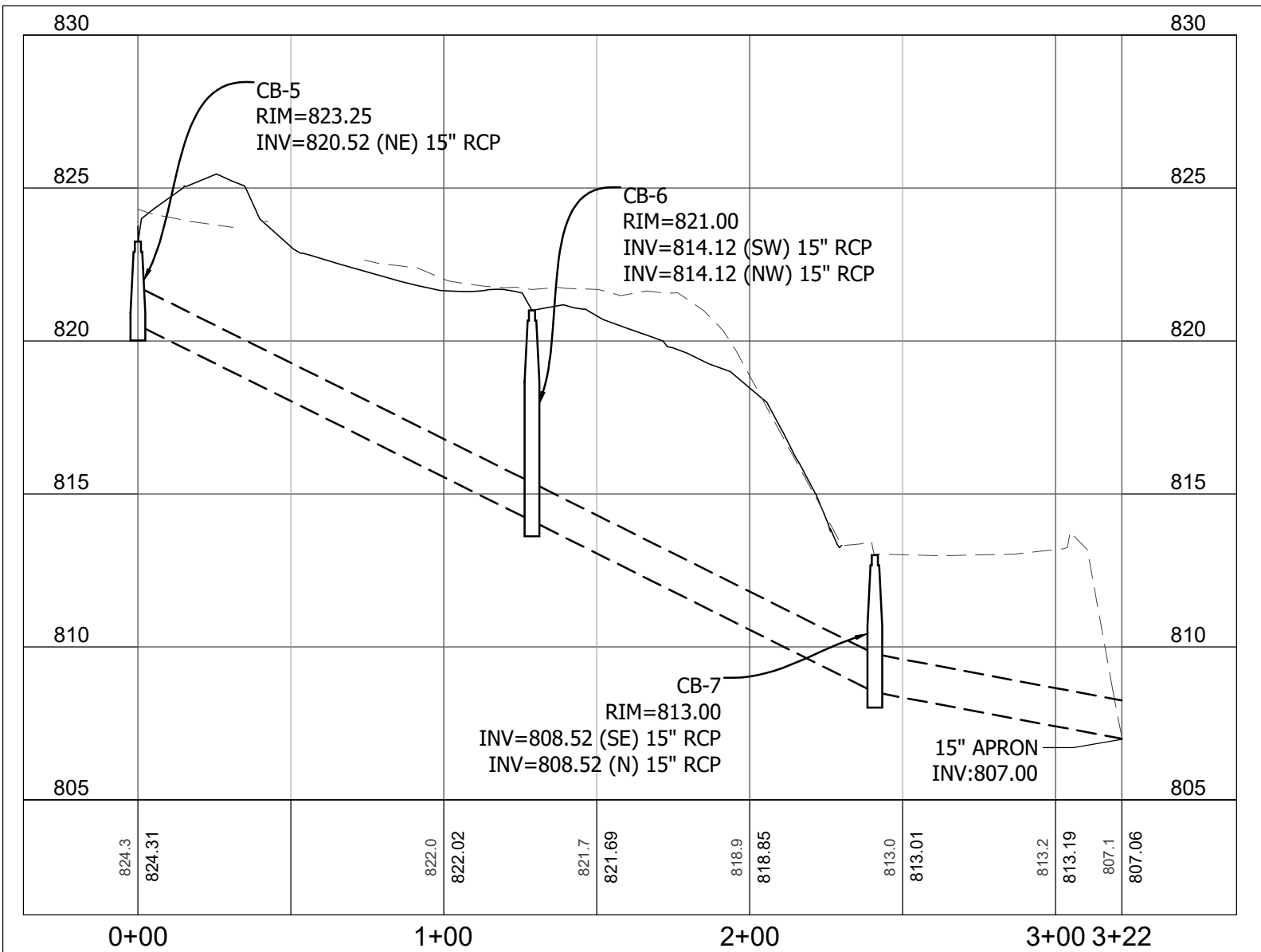
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 - CONTRACTOR SHALL VERIFY AND COORDINATE BUILDING UTILITY CONNECTION SIZES, LOCATIONS, AND ELEVATIONS WITH PLUMBING, MECHANICAL, AND ELECTRICAL CONTRACTORS.
 - ALL EXCAVATION SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF "STANDARD SPECIFICATIONS FOR TRENCH EXCAVATION AND BACKFILL/SURFACE RESTORATION" AS PREPARED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA.
 - NO CONTAMINATION SOURCES ALLOWED WITHIN 50' OF WELL.
 - SEWERS CROSSING ABOVE OR LESS THAN 12 INCHES BELOW A WATER SERVICE MUST BE CONSTRUCTED OF MATERIALS APPROVED FOR USE WITHIN A BUILDING (SEE SECTIONS 609.2, 720.1, AND TABLE 701.2). FOR PVC SANITARY OR STORM SEWERS ONLY ASTM D1785, D2665, F891, F1488, OR F1760 MAY CROSS ABOVE OR LESS THAN 12 INCHES BELOW POTABLE WATER LINES (SEE SECTION 720.1).
 - ANY MANHOLE, CATCH BASIN, OR OTHER SOURCE OF CONTAMINATION MUST BE INSTALLED AT LEAST 10 FEET HORIZONTALLY FROM ANY WATER SERVICE, AS MEASURED FROM THE OUTER EDGE OF THE CONTAMINATION SOURCE TO THE OUTER EDGE OF THE PIPE (SEE SECTION 609.6.1).
 - ALL NONCONDUCTIVE PIPE SHALL BE INSTALLED WITH A LOCATE (TRACER) WIRE PER MINNESOTA RULES, PART 7560.0150
 - ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE MINNESOTA STATE PLUMBING CODE.
 - ALL PIPING SHALL BE TESTED IN ACCORDANCE WITH THE MINNESOTA STATE PLUMBING CODE.
 - ALL IMPROVEMENTS SHALL REMAIN VISIBLE FOR INSPECTION .
 - GOPHER STATE ONE CALL DAMAGE PREVENTION SYSTEM FOR BURIED UTILITIES. 1-800-252-1166

UTILITY LEGEND

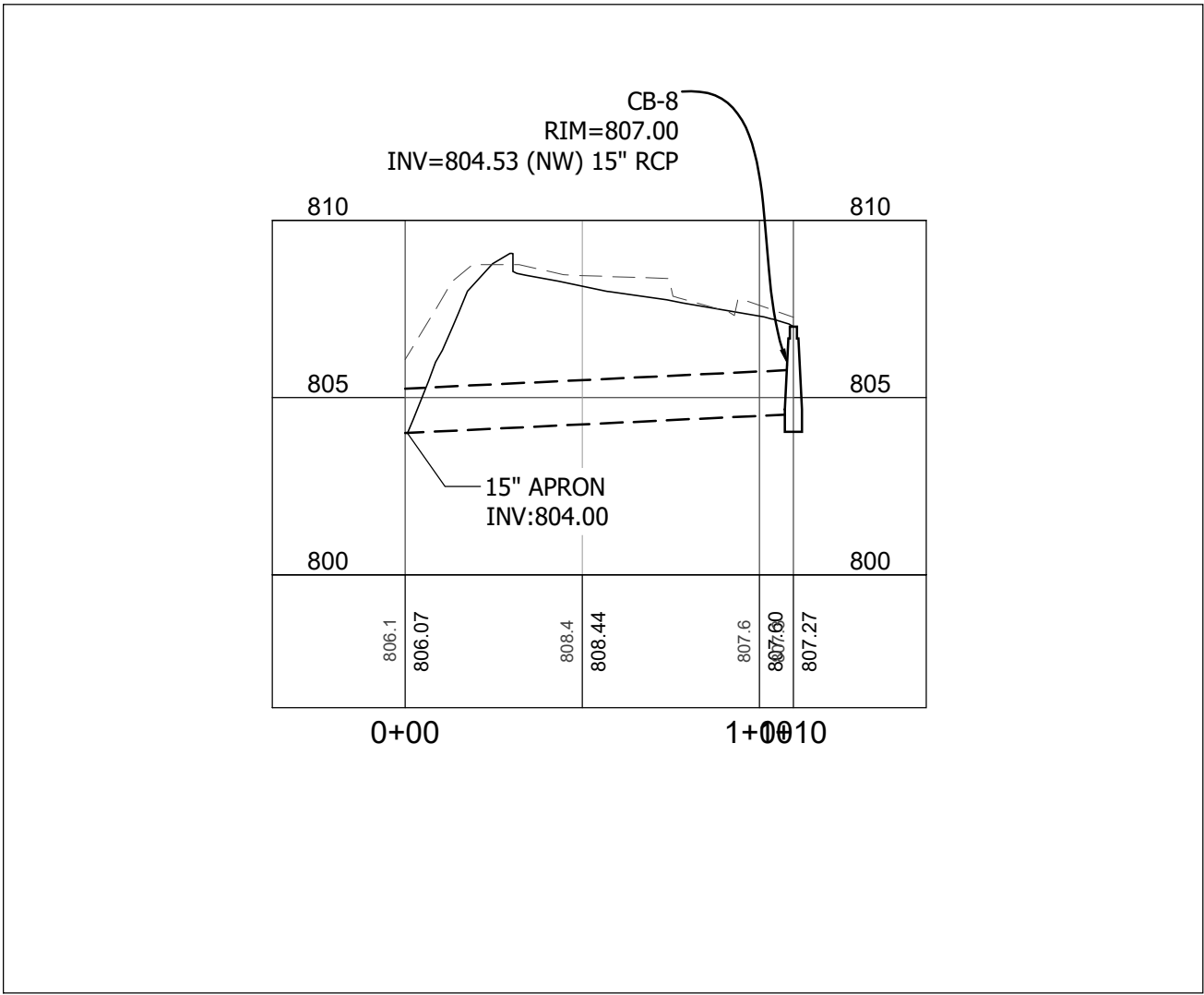
- | | | | |
|--|-----------------------------|--|-----------------------------|
| | = EXISTING HYDRANT | | = PROPOSED HYDRANT |
| | = EXISTING CURB STOP | | = PROPOSED CURB STOP |
| | = EXISTING GATE VALVE | | = PROPOSED GATE VALVE |
| | = EXISTING SANITARY MANHOLE | | = PROPOSED SANITARY MANHOLE |
| | = EXISTING CLEANOUT | | = PROPOSED CLEANOUT |
| | = EXISTING STORM MANHOLE | | = PROPOSED STORM MANHOLE |
| | = EXISTING CATCH BASIN | | = PROPOSED CATCH BASIN |
| | = EXISTING CULVERT APRON | | = PROPOSED CULVERT APRON |
| | = EXISTING WATER LINE | | = PROPOSED WATER LINE |
| | = EXISTING SANITARY LINE | | = PROPOSED SANITARY LINE |
| | = EXISTING STORM LINE | | = PROPOSED STORM LINE |



PROFILE OVER WESTERLY STORM SEWER SYSTEM
1"=50'



PROFILE OVER CENTRAL STORM SEWER SYSTEM
1"=50'

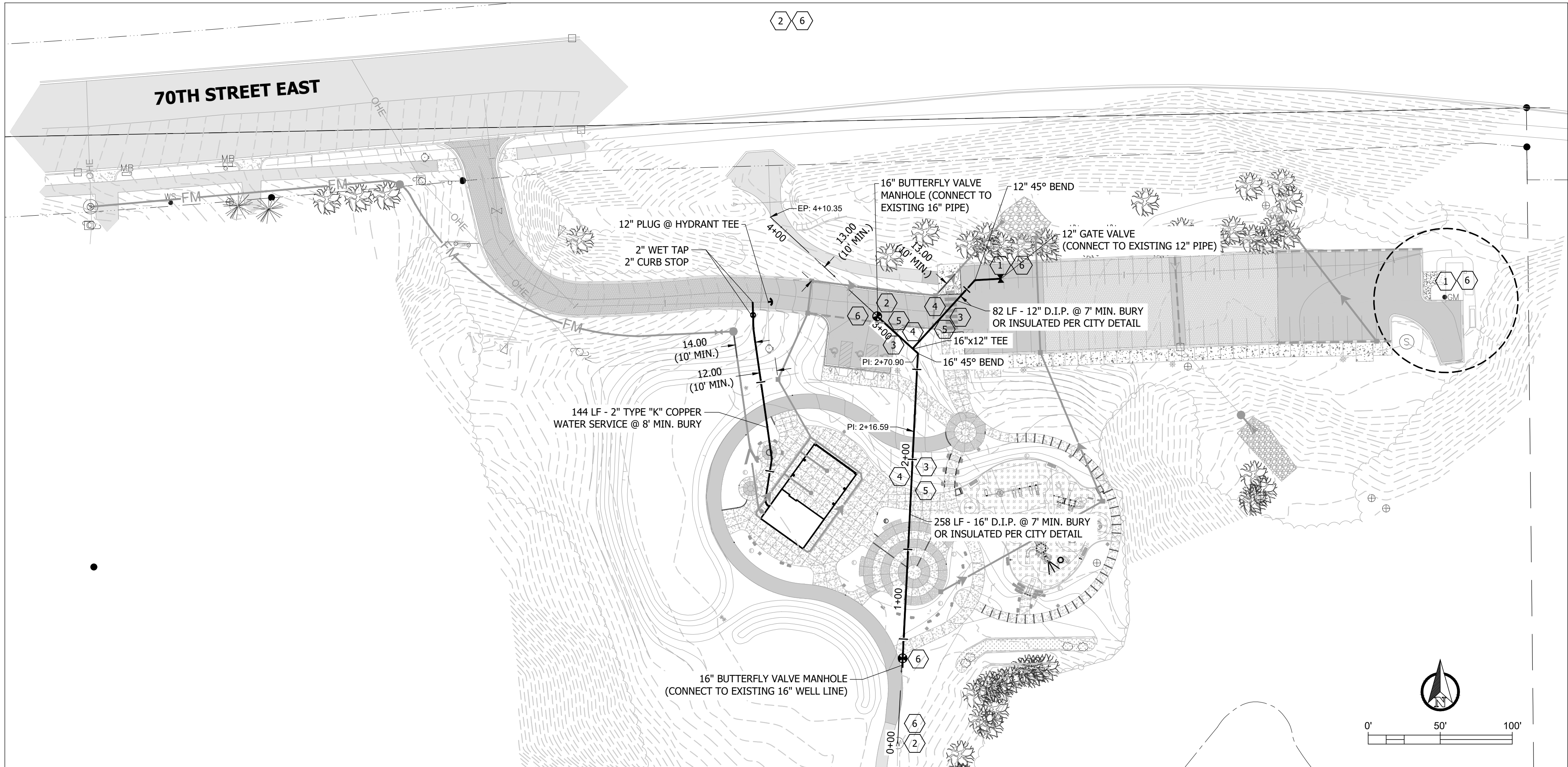


PROFILE OVER EASTERLY STORM SEWER SYSTEM
1"=50'

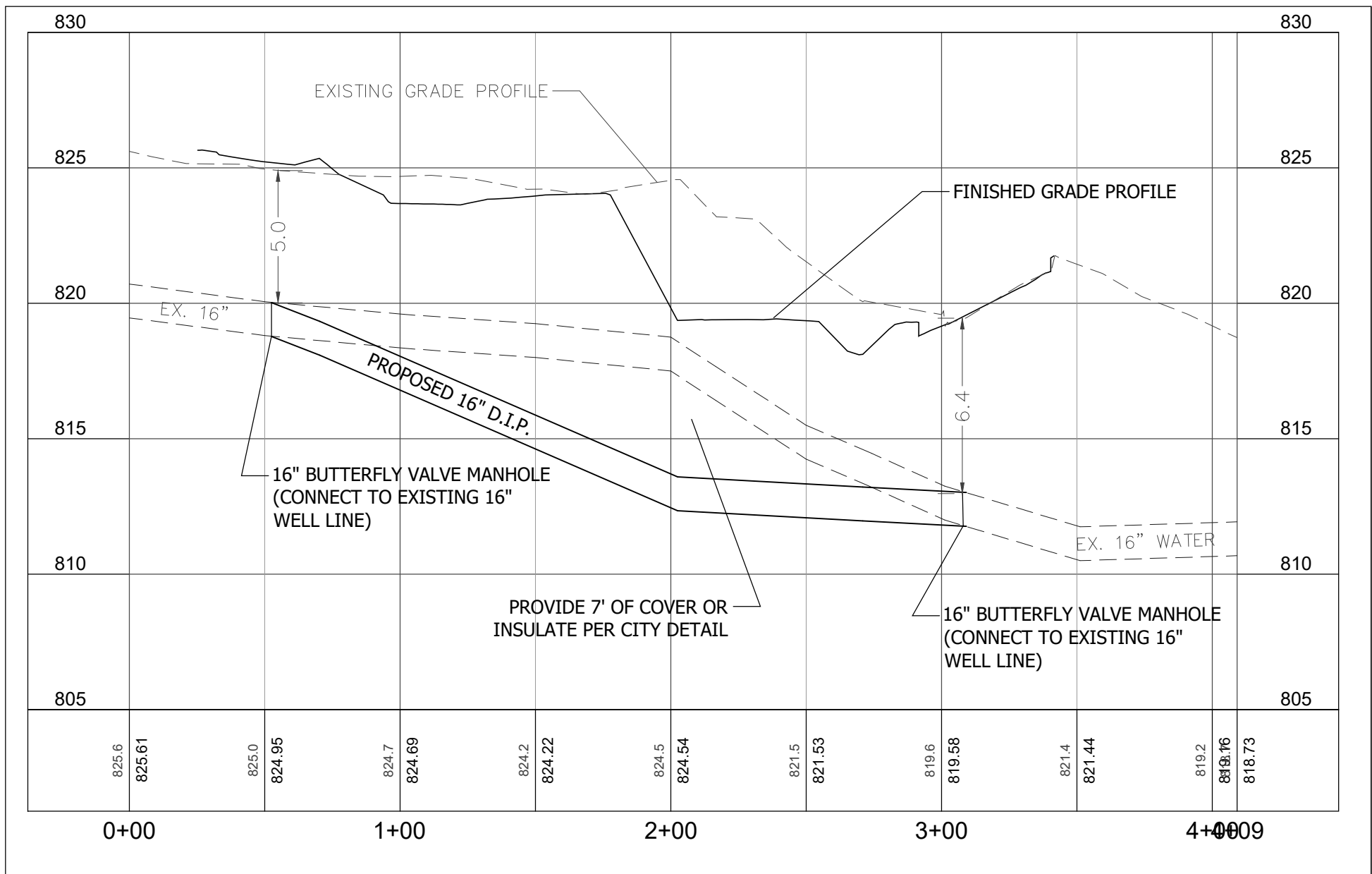
APPROVED:

Brian D. Connolly, PE
Public Works Director, Inver Grove Heights
12/21/2022
Date
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8.12.22		BID SET										INVER GROVE HEIGHTS, MINNESOTA		SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS INVER GROVE HEIGHTS, MINNESOTA		C5.0	
12.05.22		DOLI COMMENTS				Designed by: RJK											
12.22.22		REVISED DOLI COMMENTS				Drawn by: RJK		Jeremy E. Anderson, PE				CITY PROJ. # 2114		Sheet Title:			
						Checked By: JEA		44223 Registration No.		07.27.22 Date				STORM SEWER SYSTEM PLAN & PROFILE			



PLAN VIEW OVER 16" RAW WATER LINE



PROFILE OVER 16" RAW WATER LINE

1"=50'

NOTES:

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- CONTRACTOR SHALL VERIFY AND COORDINATE BUILDING UTILITY CONNECTION SIZES, LOCATIONS, AND ELEVATIONS WITH PLUMBING, MECHANICAL, AND ELECTRICAL CONTRACTORS.
- ALL EXCAVATION SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF "STANDARD SPECIFICATIONS FOR TRENCH EXCAVATION AND BACKFILL/SURFACE RESTORATION" AS PREPARED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA.
- NO CONTAMINATION SOURCES ALLOWED WITHIN 50' OF WELL.
- ALL WATER PIPING SHALL BE BURIED A MINIMUM OF 7' OR BE INSULATED PER DETAILS.
- SEE WATER DETAILS FOR ADDITIONAL INFORMATION.
- SEWERS CROSSING ABOVE OR LESS THAN 12 INCHES BELOW A WATER SERVICE MUST BE CONSTRUCTED OF MATERIALS APPROVED FOR USE WITHIN A BUILDING (SEE SECTIONS 609.2, 720.1, AND TABLE 701.2). FOR PVC SANITARY OR STORM SEWERS ONLY ASTM D1785, D2665, F891, F1488, OR F1760 MAY CROSS ABOVE OR LESS THAN 12 INCHES BELOW POTABLE WATER LINES (SEE SECTION 720.1).
- ANY MANHOLE, CATCH BASIN, OR OTHER SOURCE OF CONTAMINATION MUST BE INSTALLED AT LEAST 10 FEET HORIZONTALLY FROM ANY WATER SERVICE, AS MEASURED FROM THE OUTER EDGE OF THE CONTAMINATION SOURCE TO THE OUTER EDGE OF THE PIPE (SEE SECTION 609.6.1).
- ALL NONCONDUCTIVE PIPE SHALL BE INSTALLED WITH A LOCATE (TRACER) WIRE PER MINNESOTA RULES, PART 7560.0150
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE MINNESOTA STATE PLUMBING CODE.
- ALL PIPING SHALL BE TESTED IN ACCORDANCE WITH THE MINNESOTA STATE PLUMBING CODE.
- ALL IMPROVEMENTS SHALL REMAIN VISIBLE FOR INSPECTION .
- GOPHER STATE ONE CALL DAMAGE PREVENTION SYSTEM FOR BURIED UTILITIES. 1-800-252-1166

SEQUENCE OF CONSTRUCTION

- CLOSE 12" GATE VALVE AND SHUT OFF WELL (COORDINATE WITH CITY UTILITY DEPT.)
- SHUT 16" GATE VALVE, SHUT VALVE IN VAULT AND SHUT OFF WELL (COORD. WITH CITY UTILITY DEPT.)
- REMOVE 12" PIPE EAST OF CLOSED VALVE. REMOVE 16" PIPE BETWEEN NEW VALVES.
- INSTALL NEW 12" PIPE, 16" PIPE, FITTINGS, VALVES, STRUCTURES AND ALL APPURTANCES.
- PERFORM ALL NECESSARY TESTING ON NEW PIPING.
- OPEN ALL 16" VALVES, 12" VALVES AND TURN ON WELL PRIOR TO JUNE 1, 2022(COORD. WITH CITY UTILITY DEPT.)

NOTES:

ALL WORK ASSOCIATED WITH THE REMOVAL, RELOCATION, INSTALLATION AND TESTING OF THE WELL LINES FOR THE PROJECT SHALL BE COMPLETED BETWEEN SEPTEMBER 1ST 2022, AND JUNE 1ST 2023.

FAILURE TO COMPLETE THE WELL LINE CONSTRUCTION SCOPE OF THE PROJECT BY JUNE 1, 2023 WILL RESULT IN THE ASSESSMENT OF LIQUIDATED DAMAGES AT THE RATES AND PER THE CONDITIONS OUTLINED IN CONTRACT.

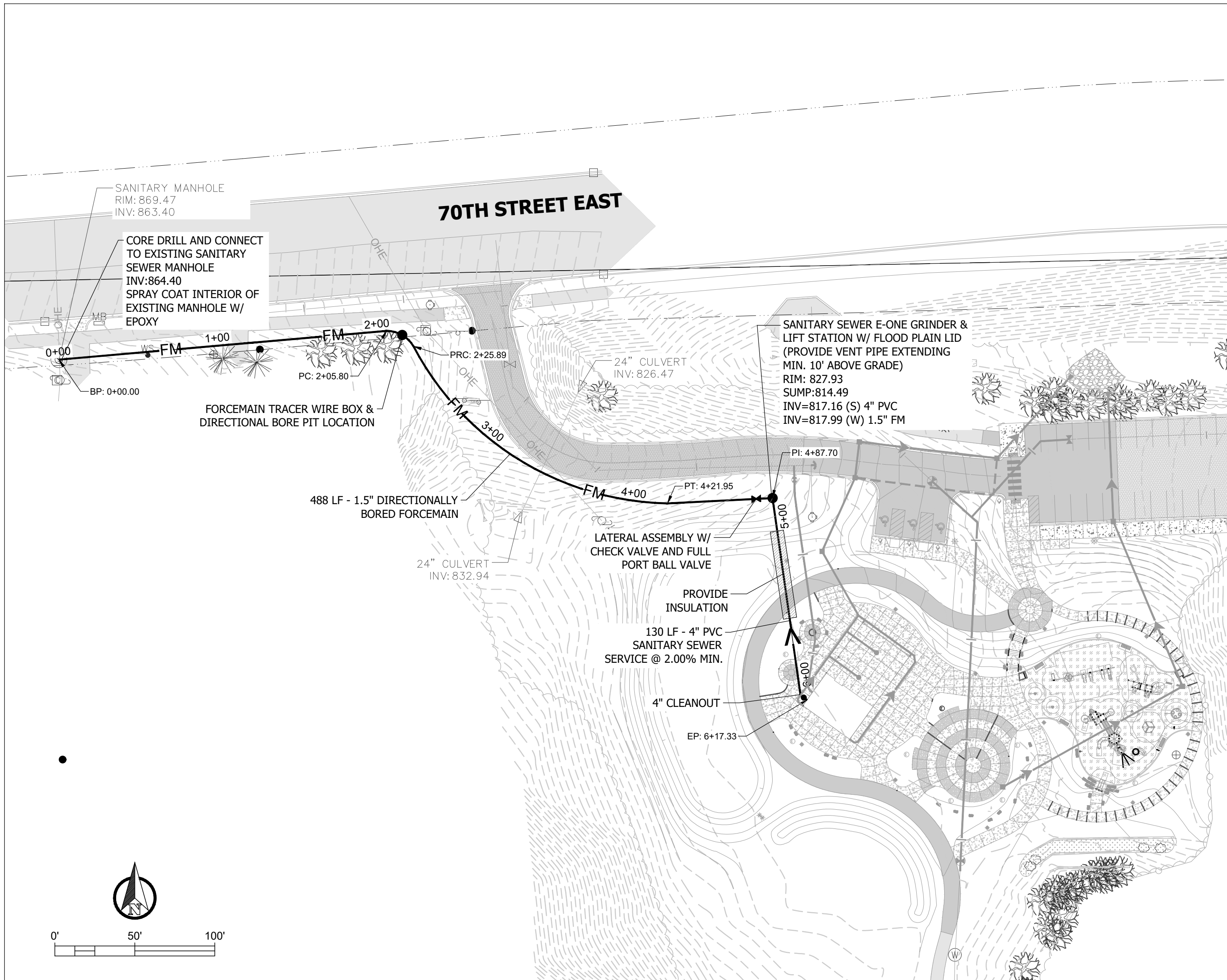
APPROVED:

Brian D. Connolly, PE
Public Works Director, Inver Grove Heights
12/21/2022
Date
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Date 8.12.22 12.05.22 12.22.22	Revision BID SET DOLI COMMENTS REVISED DOLI COMMENTS	By	HKGI Project No.: 021-002 Designed by: RJK Drawn by:RJK Checked By: JEA	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Engineer under the laws of the State of Minnesota. Jeremy E. Anderson, PE 44223 Registration No. 07.27.22 Date	DESIGN TREE engineering + land surveying St. Cloud Alexandria Rogers 320-217-5557	Client: INVER GROVE HEIGHTS, MINNESOTA CITY PROJ. # 2114	Project: SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS INVER GROVE HEIGHTS, MINNESOTA Sheet Title: WATER DISTRIBUTION PLAN & PROFILE	SHEET C5.1
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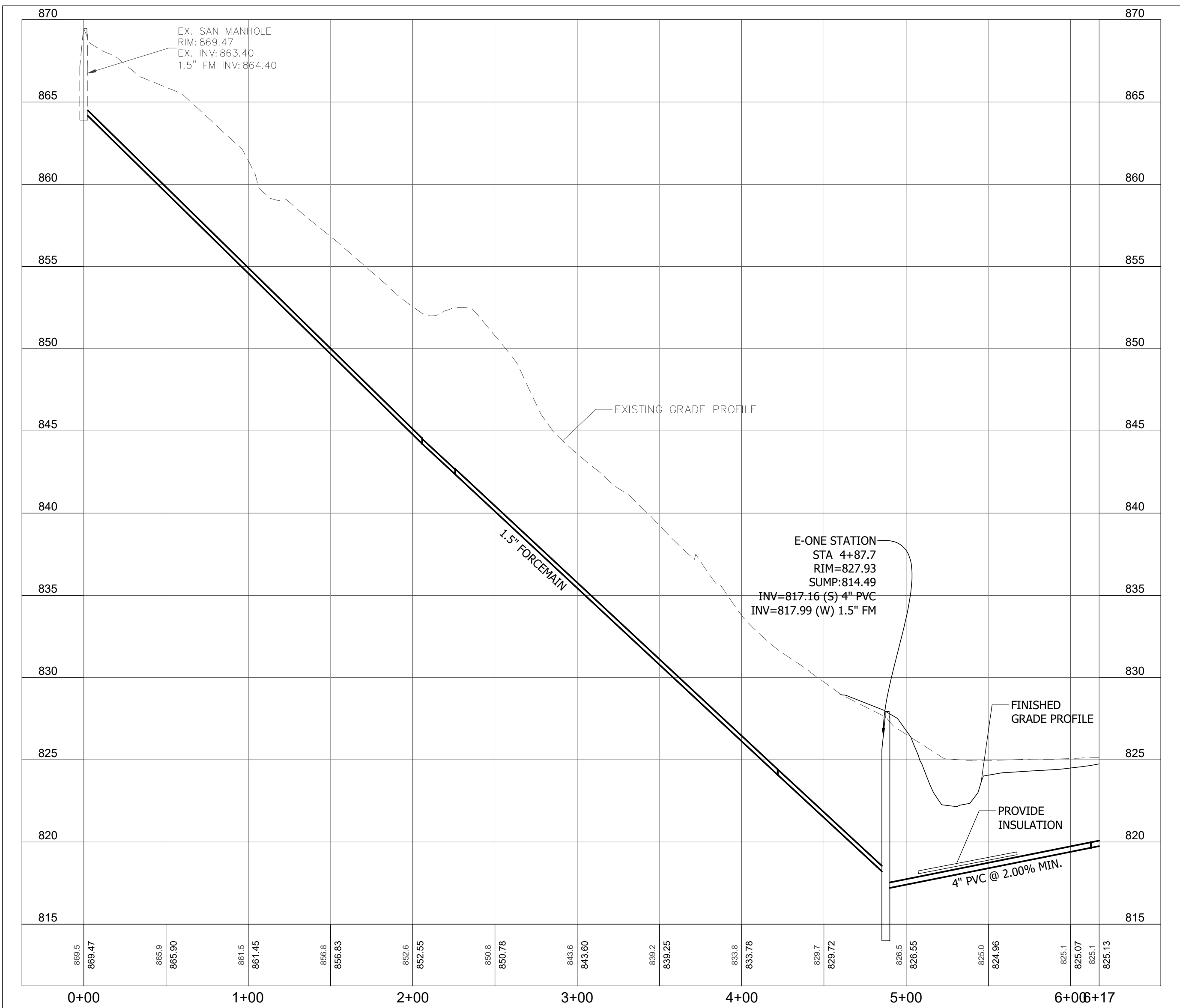
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Date
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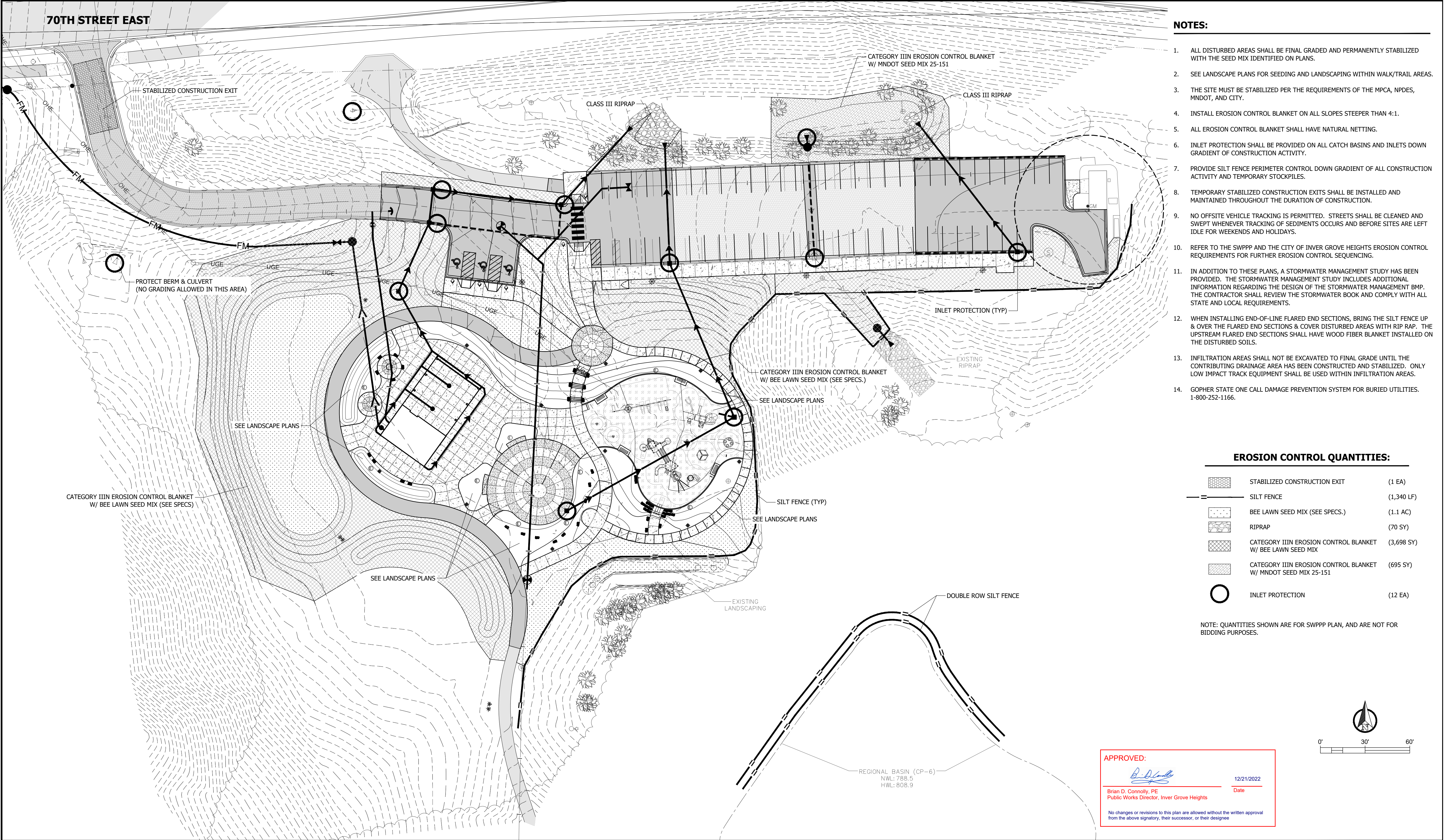


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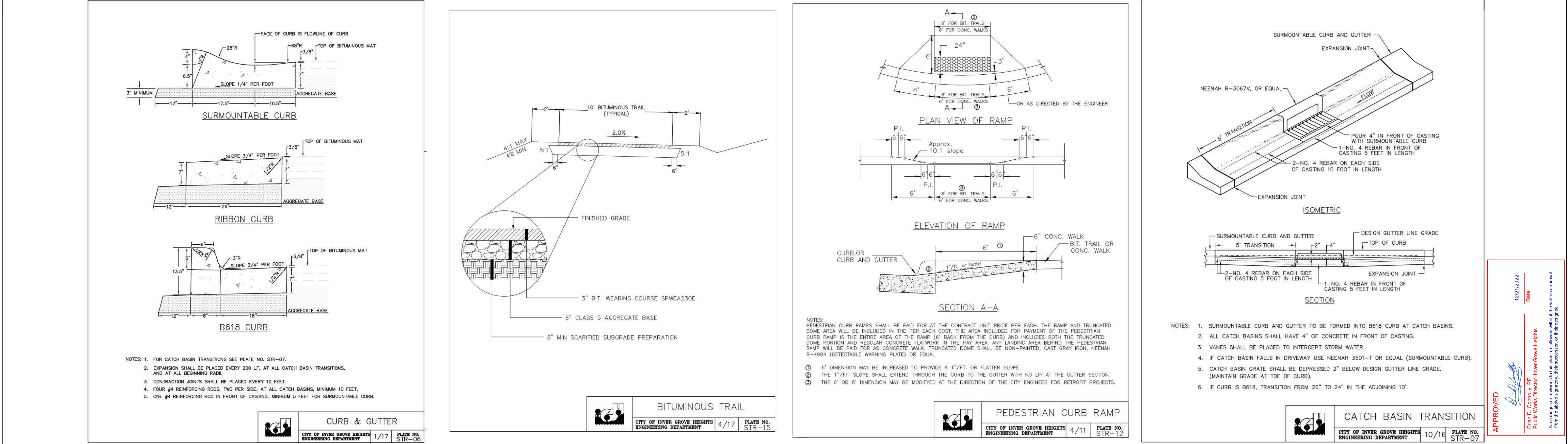
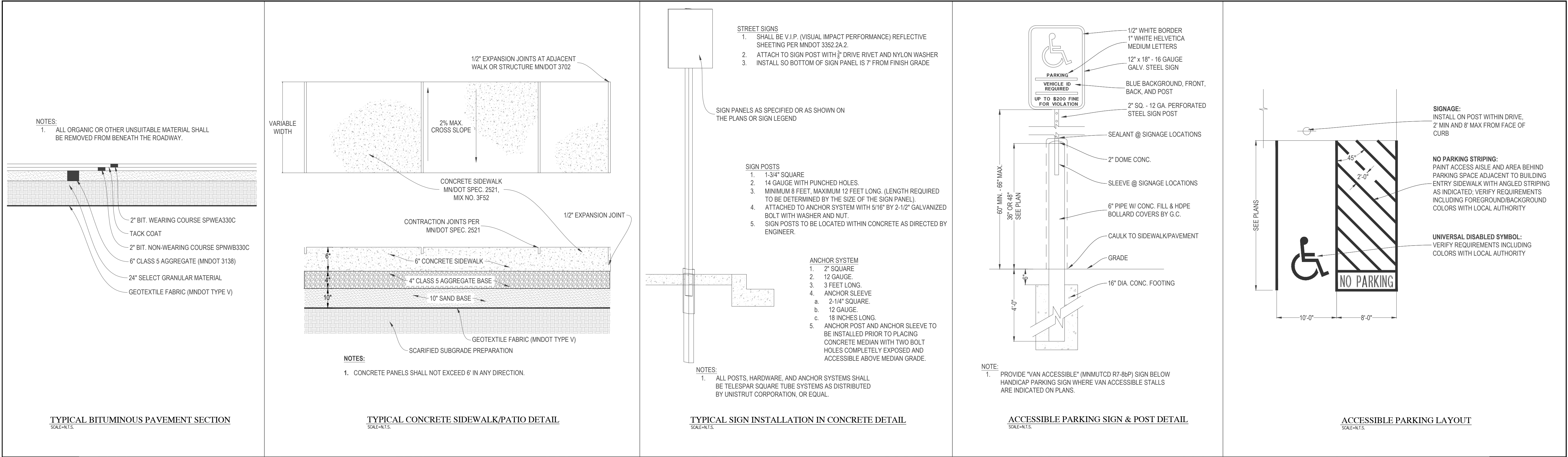
- THE LOCATIONS AND ELEVATIONS OF THE EXISTING UTILITIES SHOWN HEREIN ARE APPROXIMATE. THEY HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND/OR RECORDS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING LOCATION AND ELEVATION TO ENSURE THAT ANY EXISTING UTILITIES (SHOWN OR NOT SHOWN) ARE NOT DAMAGED DURING CONSTRUCTION.
- CONTRACTOR SHALL VERIFY AND COORDINATE BUILDING UTILITY CONNECTION SIZES, LOCATIONS, AND ELEVATIONS WITH PLUMBING, MECHANICAL, AND ELECTRICAL CONTRACTORS.
- ALL EXCAVATION SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF "STANDARD SPECIFICATIONS FOR TRENCH EXCAVATION AND BACKFILL/SURFACE RESTORATION" AS PREPARED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA.
- NO CONTAMINATION SOURCES ALLOWED WITHIN 50' OF WELL.
- SEWERS CROSSING ABOVE OR LESS THAN 12 INCHES BELOW A WATER SERVICE MUST BE CONSTRUCTED OF MATERIALS APPROVED FOR USE WITHIN A BUILDING (SEE SECTIONS 609.2, 720.1, AND TABLE 701.2). FOR PVC SANITARY OR STORM SEWERS ONLY ASTM D1785, D2665, F891, F1488, OR F1760 MAY CROSS ABOVE OR LESS THAN 12 INCHES BELOW POTABLE WATER LINES (SEE SECTION 720.1).
- SANITARY SEWER CLEANOUTS SHALL BE PROVIDED WITHIN 5' OF THE BUILDING FOR UNIT'S CONNECTION.
- GRAVITY SANITARY SEWER AND FORCEMAIN CLEANOUT SPACING SHALL BE INSTALLED AT INTERVALS NOT TO EXCEED 100 FT IN STRAIGHT RUNS, AND FOR EACH AGGREGATE HORIZONTAL CHANGE IN DIRECTION EXCEEDING 135 DEGREES.
- SANITARY SEWER SERVICES SHALL HAVE A MINIMUM OF 2.00% GRADE.
- ALL NONCONDUCTIVE PIPE SHALL BE INSTALLED WITH A LOCATE (TRACER) WIRE PER MINNESOTA RULES, PART 7560.0150
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE MINNESOTA STATE PLUMBING CODE.
- ALL PIPING SHALL BE TESTED IN ACCORDANCE WITH THE MINNESOTA STATE PLUMBING CODE.
- ALL IMPROVEMENTS SHALL REMAIN VISIBLE FOR INSPECTION .
- GOPHER STATE ONE CALL DAMAGE PREVENTION SYSTEM FOR BURIED UTILITIES. 1-800-252-1166



Date	Revision	By	HKGI Project No.: 021-002	hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Engineer under the laws of the State of Minnesota.  Jeremy E. Anderson, PE 44223 Registration No. 07.27.22 Date	DESIGN TREE engineering + land surveying St. Cloud Alexandria Rogers 320-217-5557	Client: INVER GROVE HEIGHTS, MINNESOTA CITY PROJ. # 2114	Project: SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS INVER GROVE HEIGHTS, MINNESOTA Sheet Title: SANITARY SYSTEM PLAN & PROFILE	SHEET C5.2
8.12.22	BID SET		Designed by: RJK					
12.05.22	DOLI COMMENTS		Drawn by: RJK					
12.22.22	REVISED DOLI COMMENTS		Checked By: JEA					



Date 8.12.22	Revision BID SET	By	HKGI Project No.: 021-002	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Engineer under the laws of the State of Minnesota. Jeremy E. Anderson, PE	DESIGN TREE engineering + land surveying St. Cloud Alexandria Rogers 320-217-5557	Client: INVER GROVE HEIGHTS, MINNESOTA CITY PROJ. # 2114	Project: SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS INVER GROVE HEIGHTS, MINNESOTA	SHEET C6.0
12.05.22	DOLI COMMENTS		Designed by: RJK					
12.22.22	REVISED DOLI COMMENTS		Drawn by: RJK					
			Checked By: JEA	44223 Registration No.	07.27.22 Date		Sheet Title: EROSION CONTROL PLAN	



Date	Revision	By	HKGI Project No.: 021-002	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Engineer under the laws of the State of Minnesota.  Jeremy E. Anderson, PE 44223 Registration No. 07.27.22 Date	DESIGN TREE engineering + land surveying St. Cloud Alexandria Rogers 320-217-5557	Client:	INVER GROVE HEIGHTS, MINNESOTA	Project:	SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS	SHEET
8.12.22	BID SET		Designed by: RJK						INVER GROVE HEIGHTS, MINNESOTA	
12.05.22	DOLI COMMENTS		Drawn by: RJK							
12.22.22	REVISED DOLI COMMENTS		Checked By: JEA							
								Sheet Title:	CIVIL DETAILS	C7.0

APPROVED:

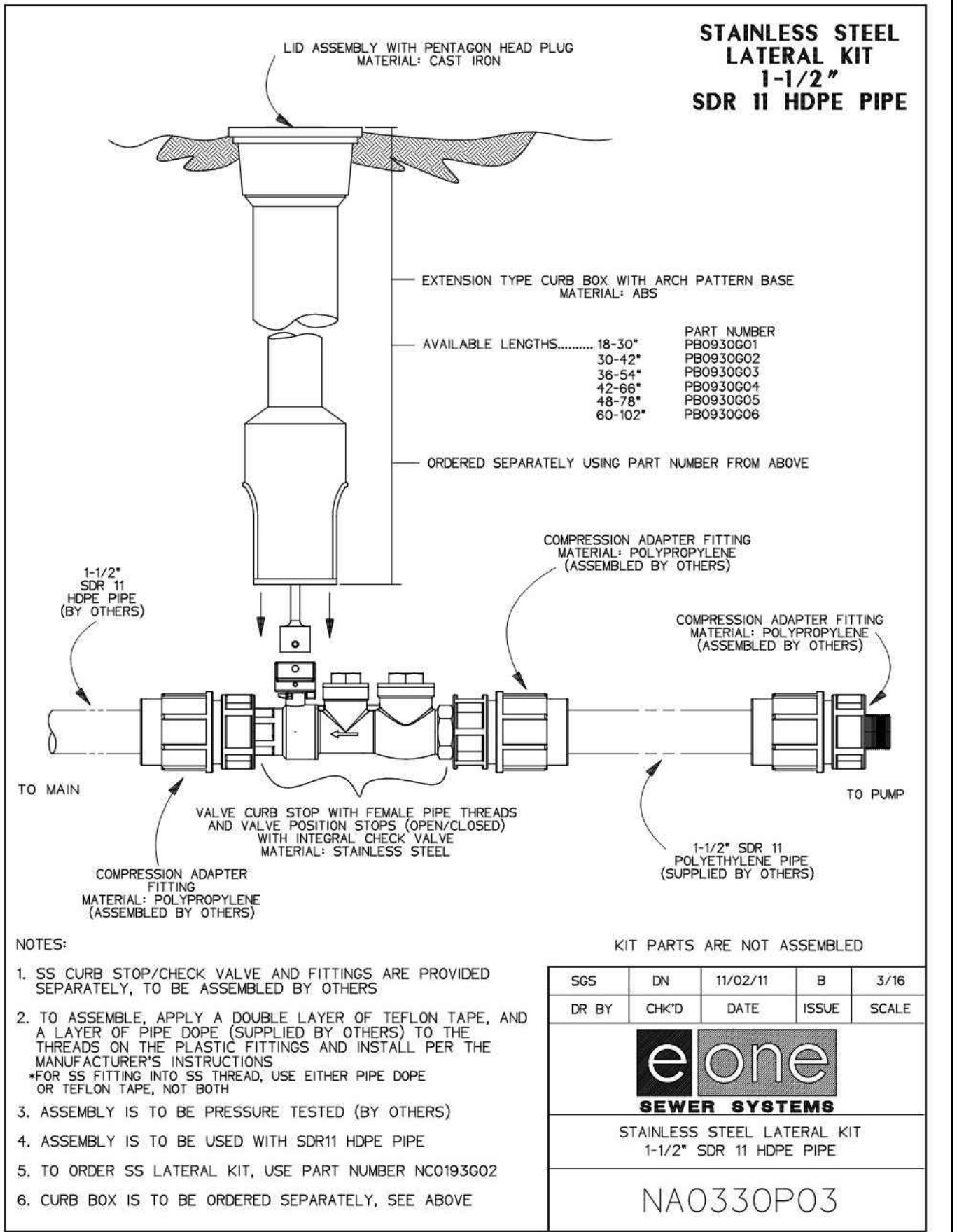
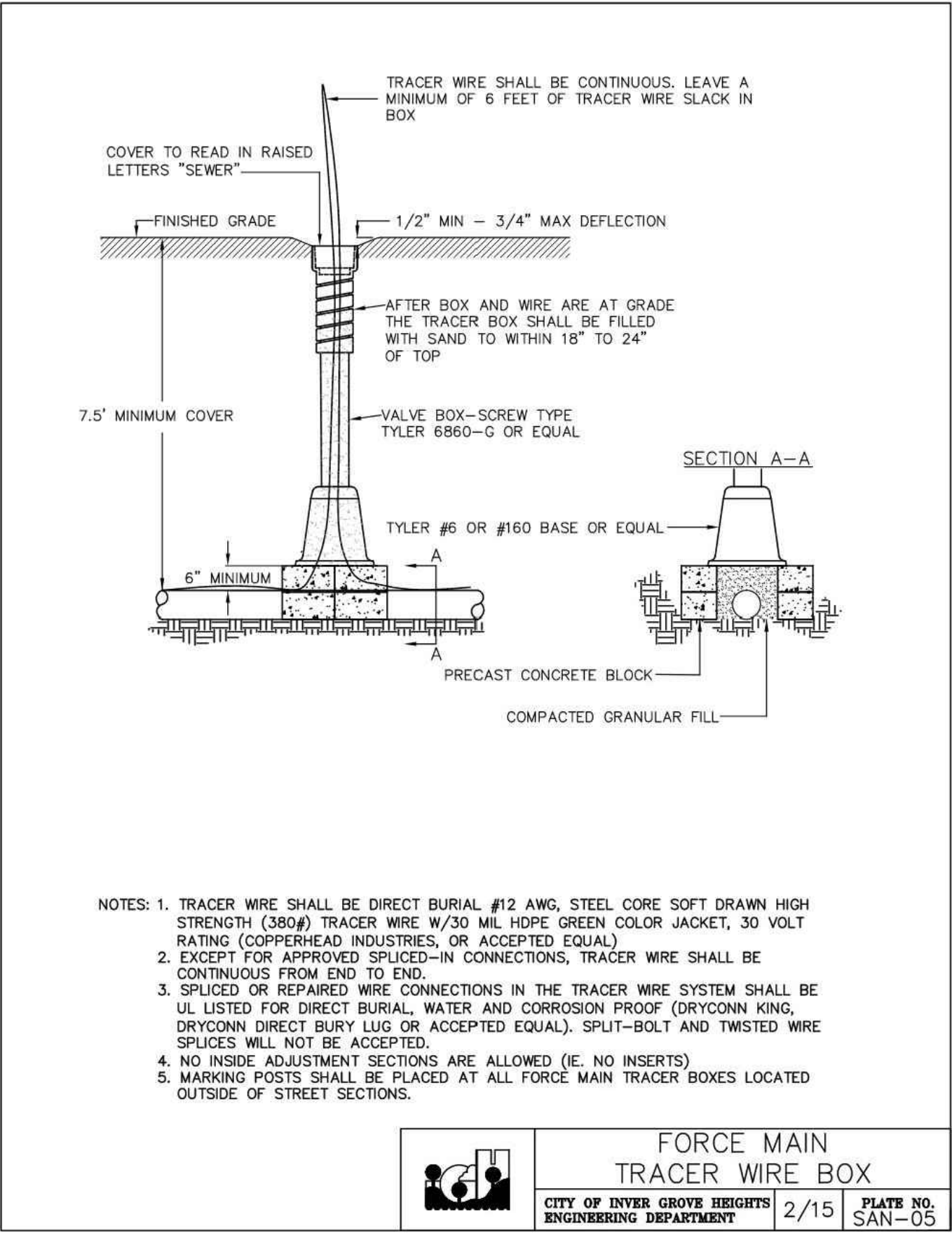
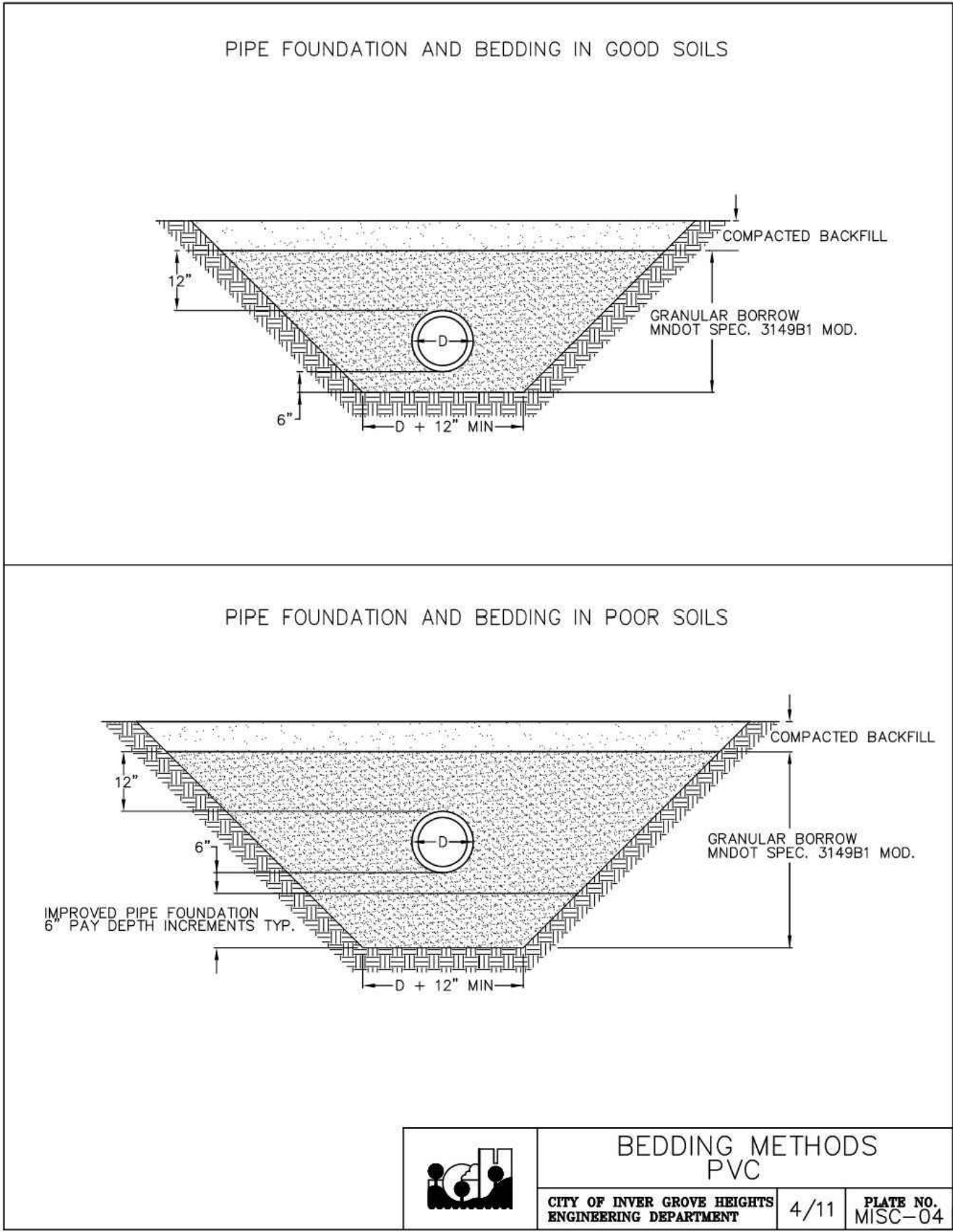
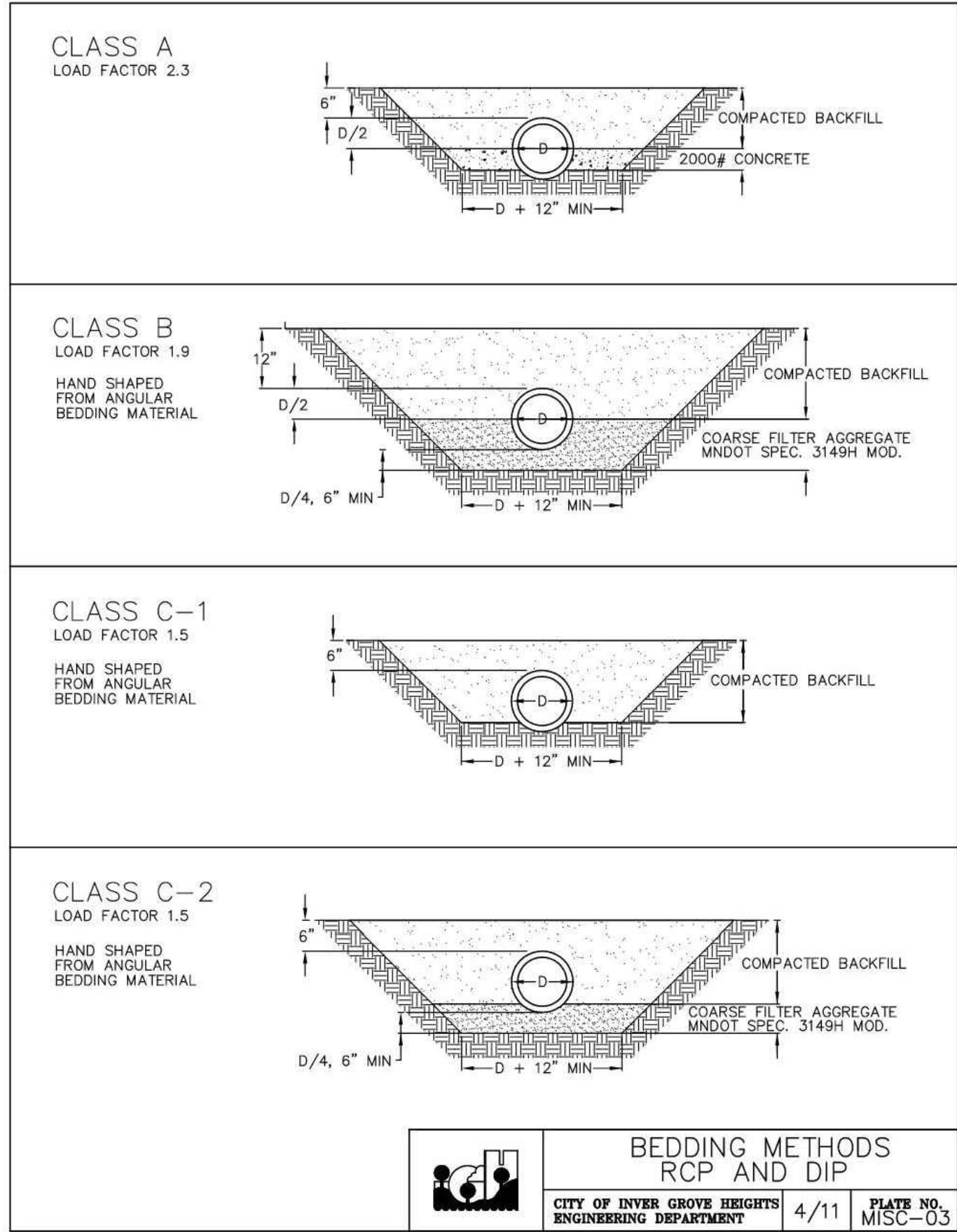
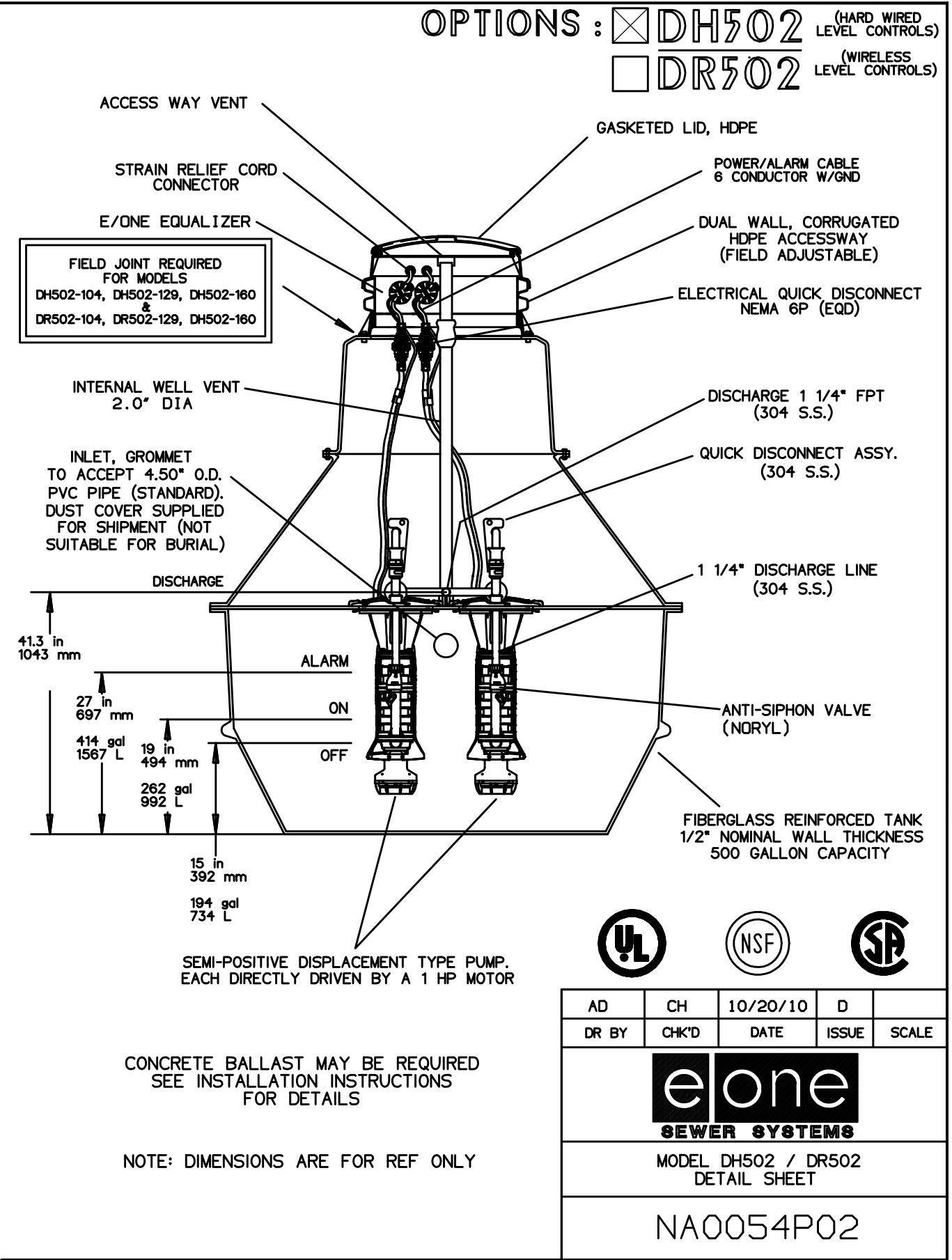
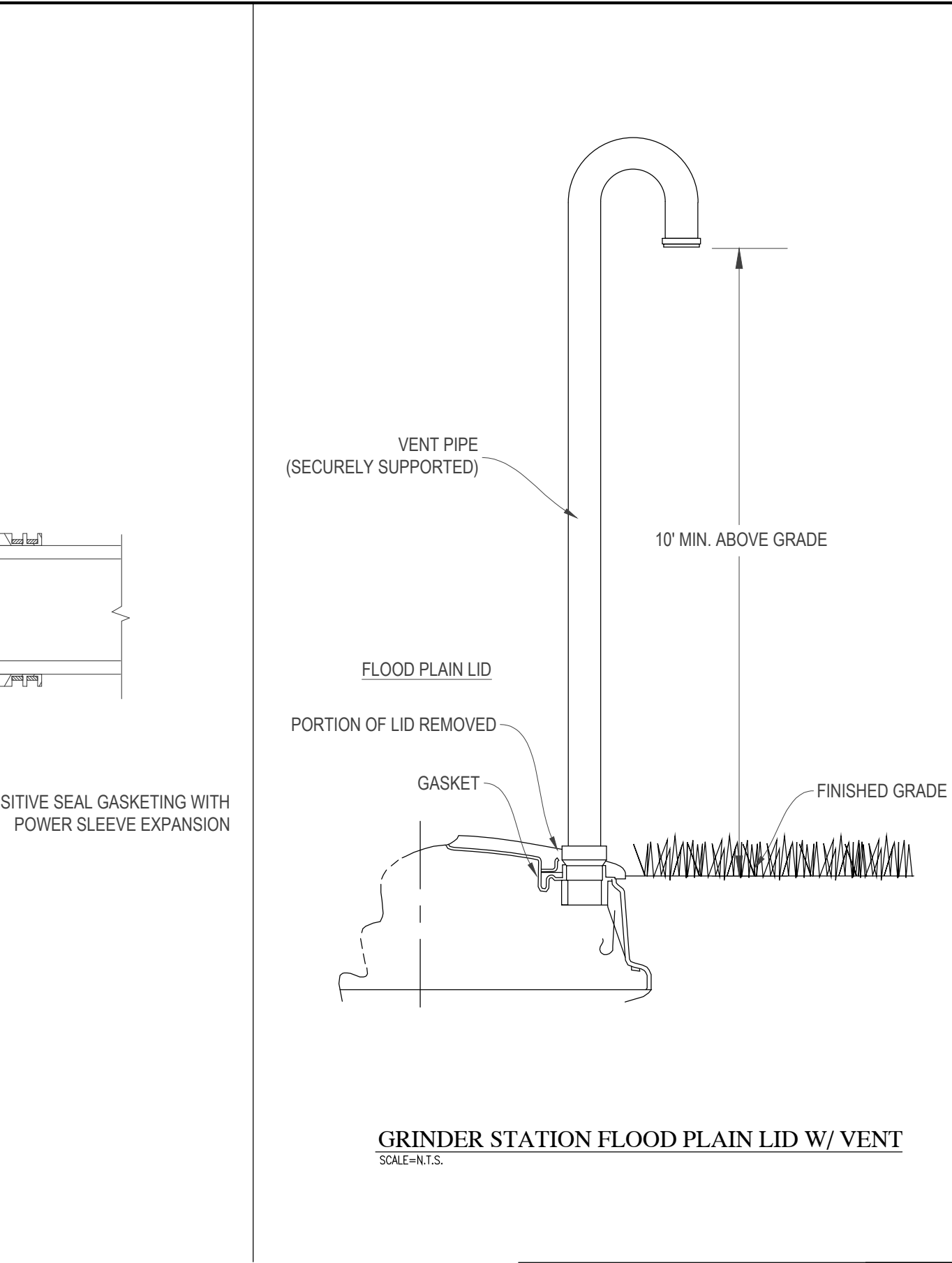
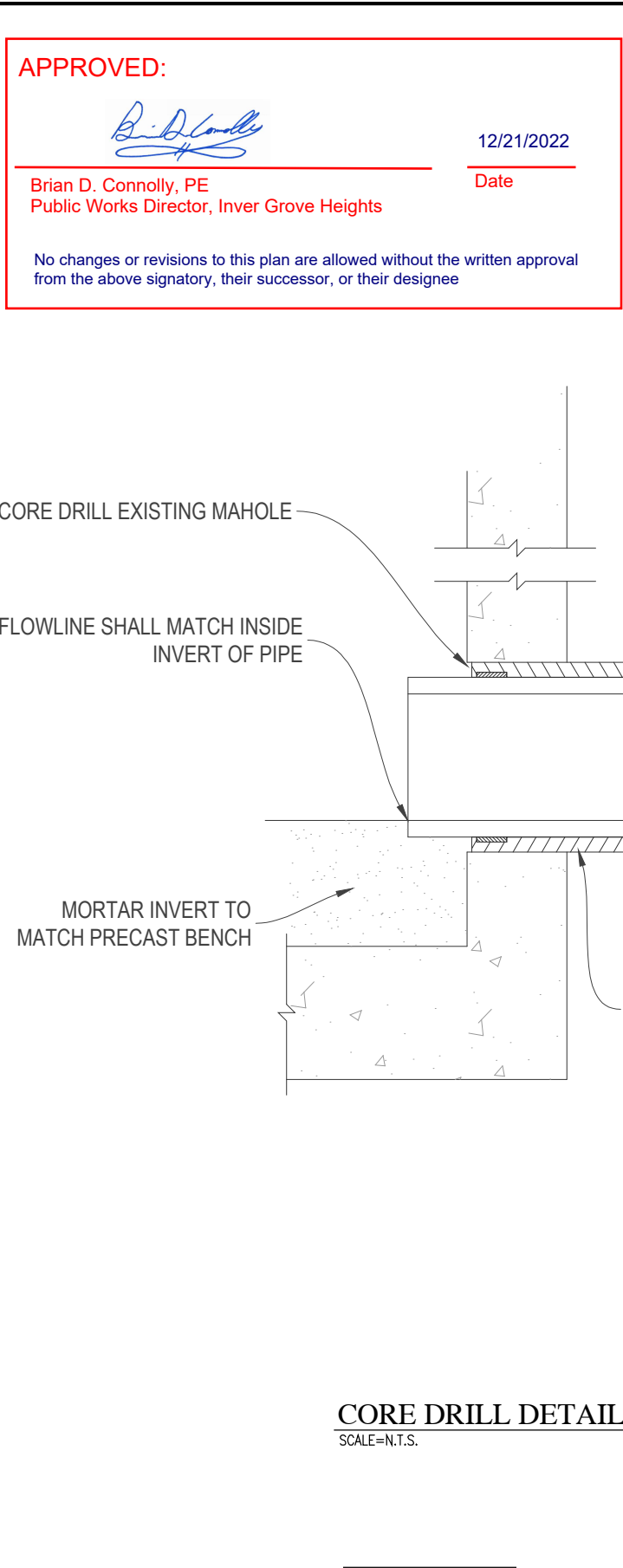
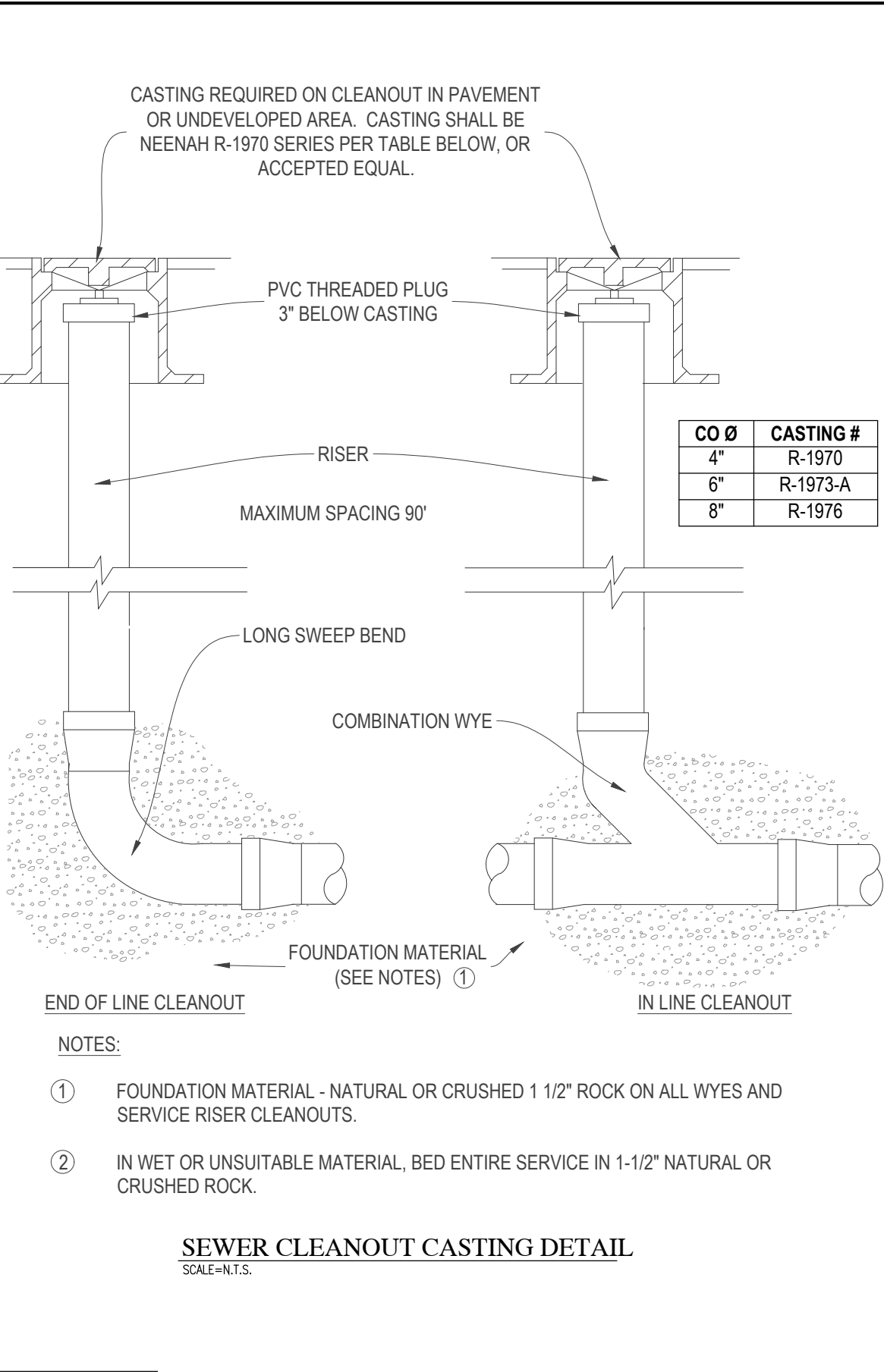
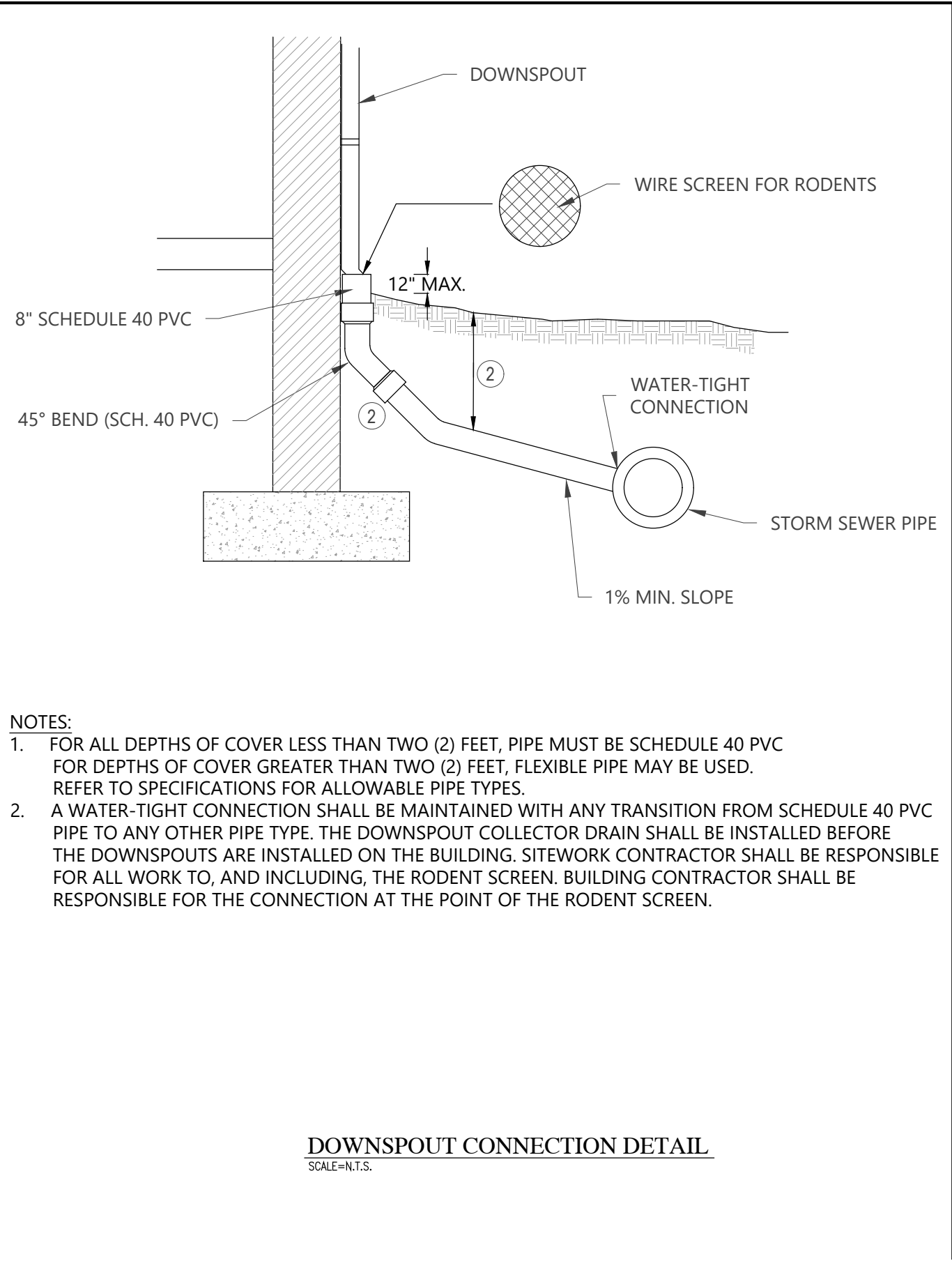
12/21/2022

Date

Brian D. Connolly, PE

Public Works Director, Inver Grove Heights

No changes or revisions to this plan are allowed without the written approval from the City Engineer, Public Works Director, or the design engineer.



Date	Revision	By
8.12.22	BID SET	
12.05.22	DOLI COMMENTS	
12.22.22	REVISED DOLI COMMENTS	

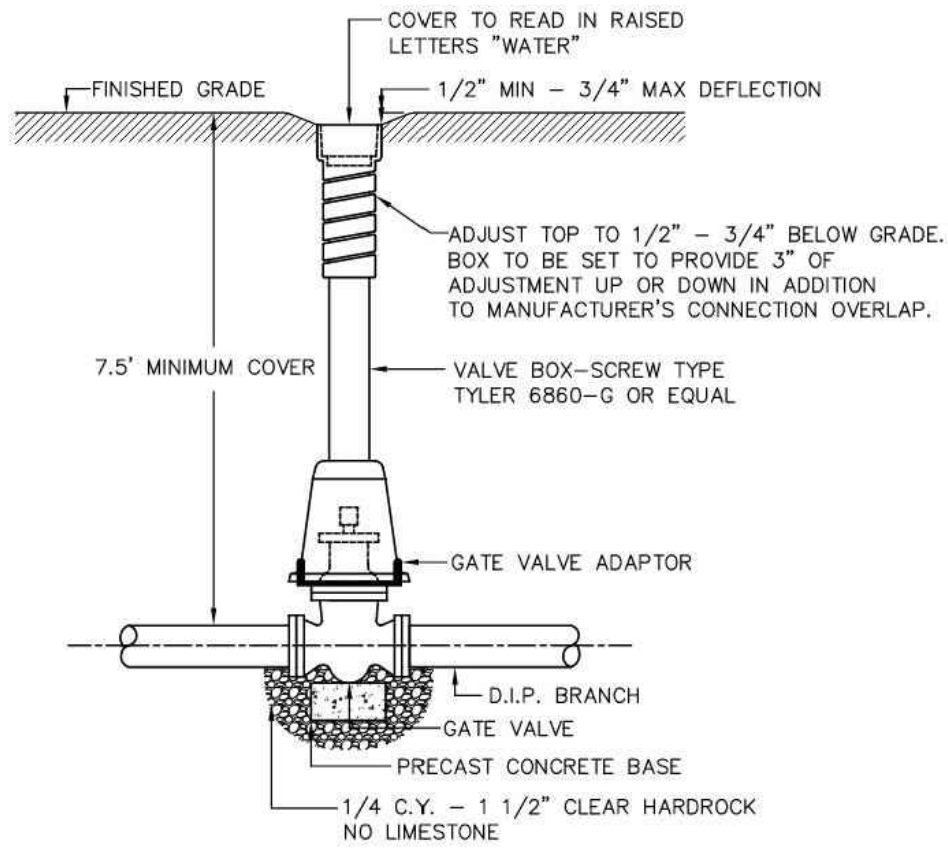
HKGI Project No.: 021-002	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Engineer under the laws of the State of Minnesota.
Designed by: RJK	Jeremy J. Anderson, PE
Drawn by: RJK	
Checked By: JEA	

DESIGN TREE
engineering + land surveying
St. Cloud | Alexandria | Rogers
320-217-5557

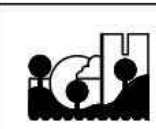
Client:	INVER GROVE HEIGHTS, MINNESOTA
	CITY PROJ. # 2114

Project:	SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS INVER GROVE HEIGHTS, MINNESOTA
Sheet Title:	CIVIL DETAILS

SHEET
C7.2



- NOTES: 1. HYDRANT, STUB, & SERVICE VALVES SHALL BE RODDED TO THE MAIN.
2. GATE VALVES TO CONFORM WITH AWWA C509-80 STANDARDS.
3. TIE RODS TO BE 5/8" DIAMETER THREADED STEEL.
4. ALL TIE RODS TO BE SPRAYED WITH A BITUMINOUS COAL TAR PROTECTIVE COATING I.E. LOCTITE HEAVY DUTY RUBBERIZED UNDERCOATING, OR APPROVED EQUAL.
5. ALL WATERMAIN BOLTS ARE CORE-BLUE OR APPROVED EQUAL.
6. NO INSIDE ADJUSTMENT SECTIONS ALLOWED (IE. NO INSERTS).
7. MARKING POST SHALL BE INSTALLED AT ALL GATE VALVES LOCATED OUTSIDE OF STREET SECTIONS. SEE PLATE NO. MISC-01.

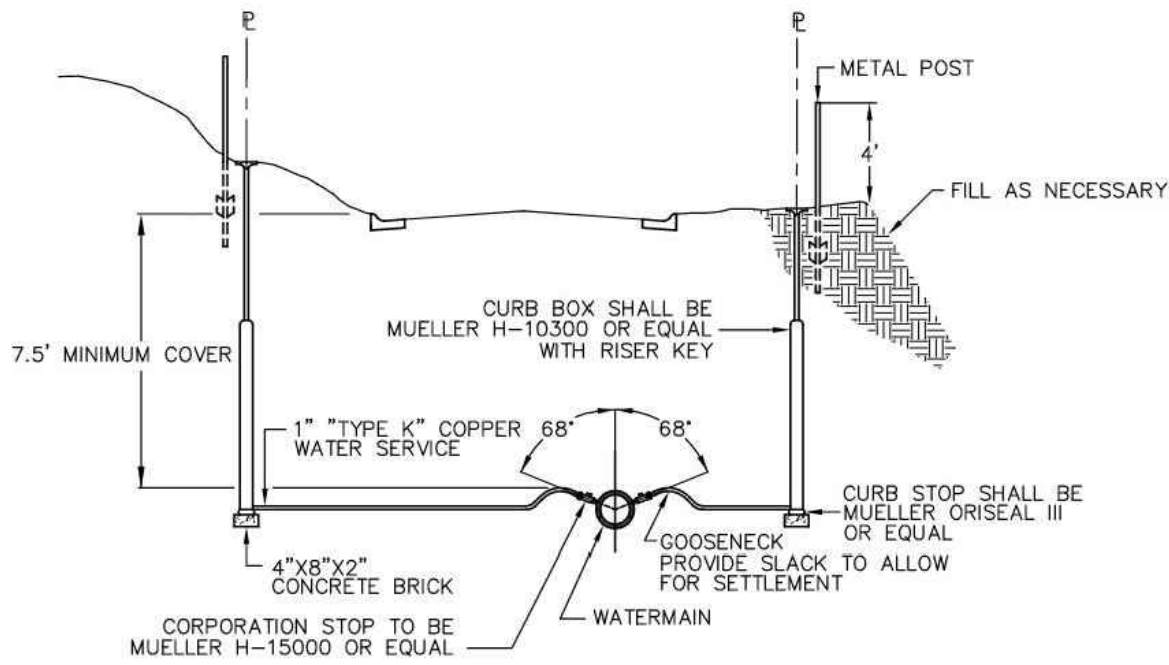


VALVE BOX INSTALLATION

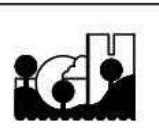
CITY OF INVER GROVE HEIGHTS
ENGINEERING DEPARTMENT

2/14

PLATE NO.
WTR-02



- NOTES: 1. NO COPPER TO COPPER CONNECTIONS SHALL BE MADE IN THE PUBLIC RIGHT OF WAY.
2. COPPER SERVICE SHALL NOT EXTEND BEYOND THE CURB BOX (NO PIGTAILS).
3. INSTALL CURB BOX WITH RISER KEY.
4. CURB BOX TO BE PLACED AT HALF EXTENSION.
5. FORD TYPE A-1 SINGLE LID COVER (4" BURY DEPTH) OR EQUAL FOR CURB BOXES IN DRIVEWAYS, SIDEWALKS, OR PARKING AREAS.
6. INSTALL METAL TEE FENCE POST 6" TO 12" BEHIND CURB BOX LOCATION. FENCE POST SHALL BE GREEN WITH TOP PAINTED BLUE.

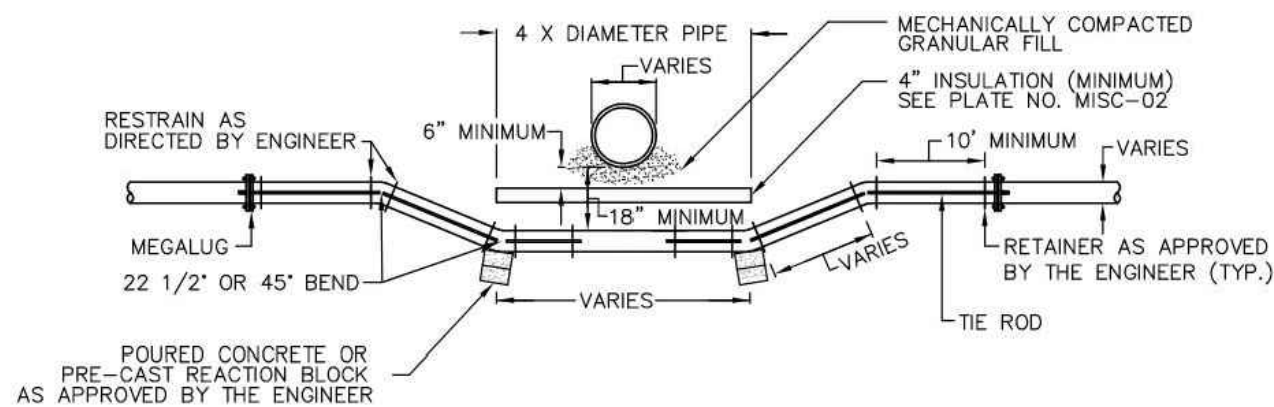


TYPICAL RESIDENTIAL WATER SERVICE

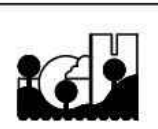
CITY OF INVER GROVE HEIGHTS
ENGINEERING DEPARTMENT

4/11

PLATE NO.
WTR-03



- NOTE: 1. ALL TIE RODS TO BE SPRAYED WITH A BITUMINOUS COAL TAR PROTECTIVE COATING (I.E. LOCTITE HEAVY DUTY RUBBERIZED UNDERCOATING OR APPROVED EQUAL).
2. TIE RODS TO BE 5/8" DIAMETER THREADED STEEL.
3. ALL WATERMAIN BOLTS ARE CORE-BLUE OR APPROVED EQUAL.
4. PVC MEGALUGS WILL BE USED ON ALL CAST IRON PIPE.

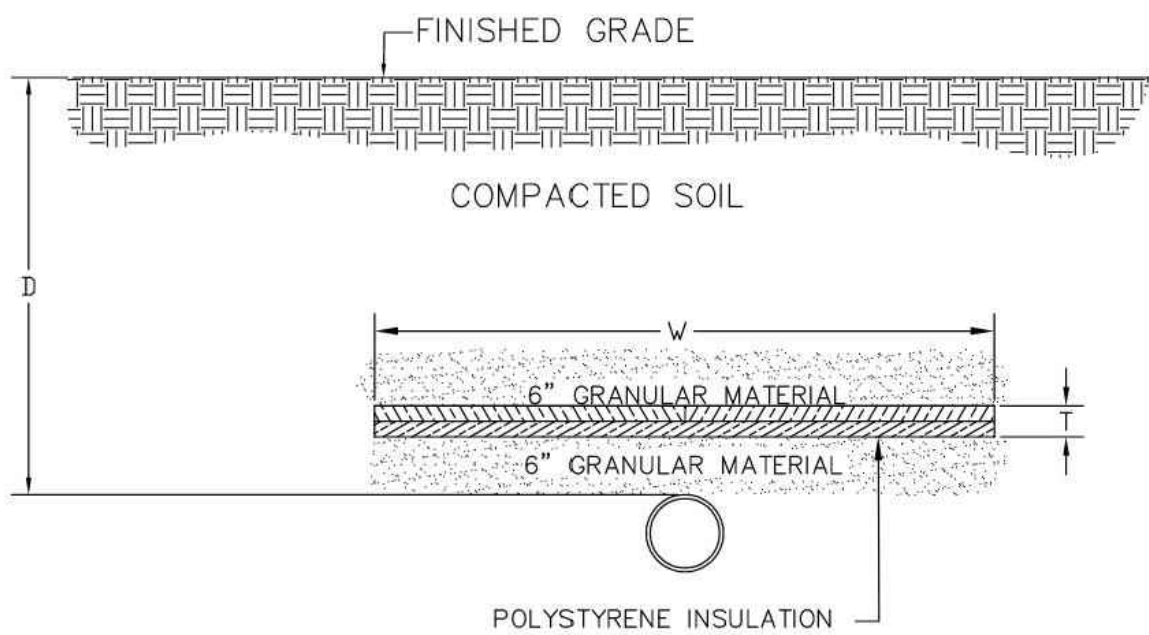


WATERMAIN ADJUSTMENT

CITY OF INVER GROVE HEIGHTS
ENGINEERING DEPARTMENT

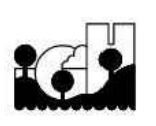
3/11

PLATE NO.
WTR-05



DEPTH TO TOP OF PIPE D	WIDTH OF INSULATION W	THICKNESS OF INSULATION T
2'-3'	12"	4"
3'-4'	10"	4"
4'-5'	8"	4"
5'-6'	6"	2"
6'-7'	4"	2"
7'+	NONE	NONE

- NOTE: 1. INSULATION SHALL BE EXTRUDED RIGID BOARD MATERIAL HAVING A THERMAL CONDUCTIVITY OF 0.23 BTU/HR/SQUARE FOOT/DEGREE FAHRENHEIT/PER INCH OF THICKNESS MAXIMUM AT 40° F MEAN, A COMPREHENSIVE STRENGTH OF 35 PSI MINIMUM AND WATER ABSORPTION OF .25 PERCENT BY VOLUME MAXIMUM.
2. UTILITIES WITH SEPERATION UNDER 30" REQUIRE 4" INSULATION, 8" WIDE

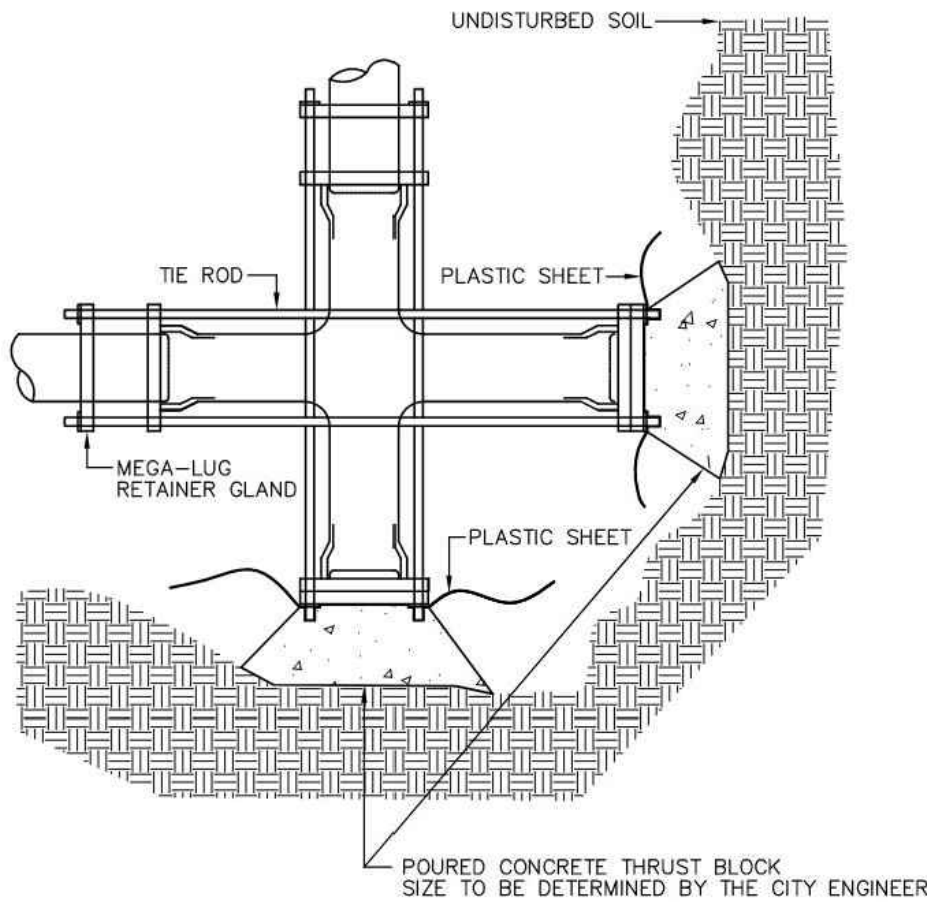


INSULATION DETAIL

CITY OF INVER GROVE HEIGHTS
ENGINEERING DEPARTMENT

4/11

PLATE NO.
MISC-02



- NOTES: 1. TYING BACK PLUG (TIE RODS) SHALL BE DONE IN ADDITION TO THRUST BLOCKING.
2. TIE RODS TO BE 5/8" DIAMETER THREADED STEEL.
3. ALL TIE RODS TO BE SPRAYED WITH A BITUMINOUS COAL TAR PROTECTIVE COATING I.E. LOCTITE HEAVY DUTY RUBBERIZED UNDERCOATING OR APPROVED EQUAL.
4. TYING BACK PLUG IS INCIDENTAL TO WATERMAIN INSTALLATION.
5. ALL WATERMAIN BOLTS ARE CORE-BLUE OR APPROVED EQUAL.
6. POURED CONCRETE OR PRECAST BLOCKS TO BE USED FOR BLOCKING (NO WOOD, CURBING, SIDEWALK, ETC.).
7. PRECAST BLOCKS (MANHOLE BLOCKS OR EQUAL) MAY BE USED ON 6" OR 8" WATERMAIN.
8. PLASTIC SHEETING SHALL BE WRAPPED AROUND PLUG PRIOR TO POURING CONCRETE.
9. CONCRETE SHALL NOT BE POURED AROUND SIDES OF PLUG.
10. CONCRETE SHALL BE 4000 PSI.
11. ALL SERVICE STUBS AND FUTURE WATERMAIN EXTENSIONS MUST HAVE A 1" CORP AND 1" TYPE "K" BLEED OFF AS DIRECTED BY THE CITY ENGINEER.

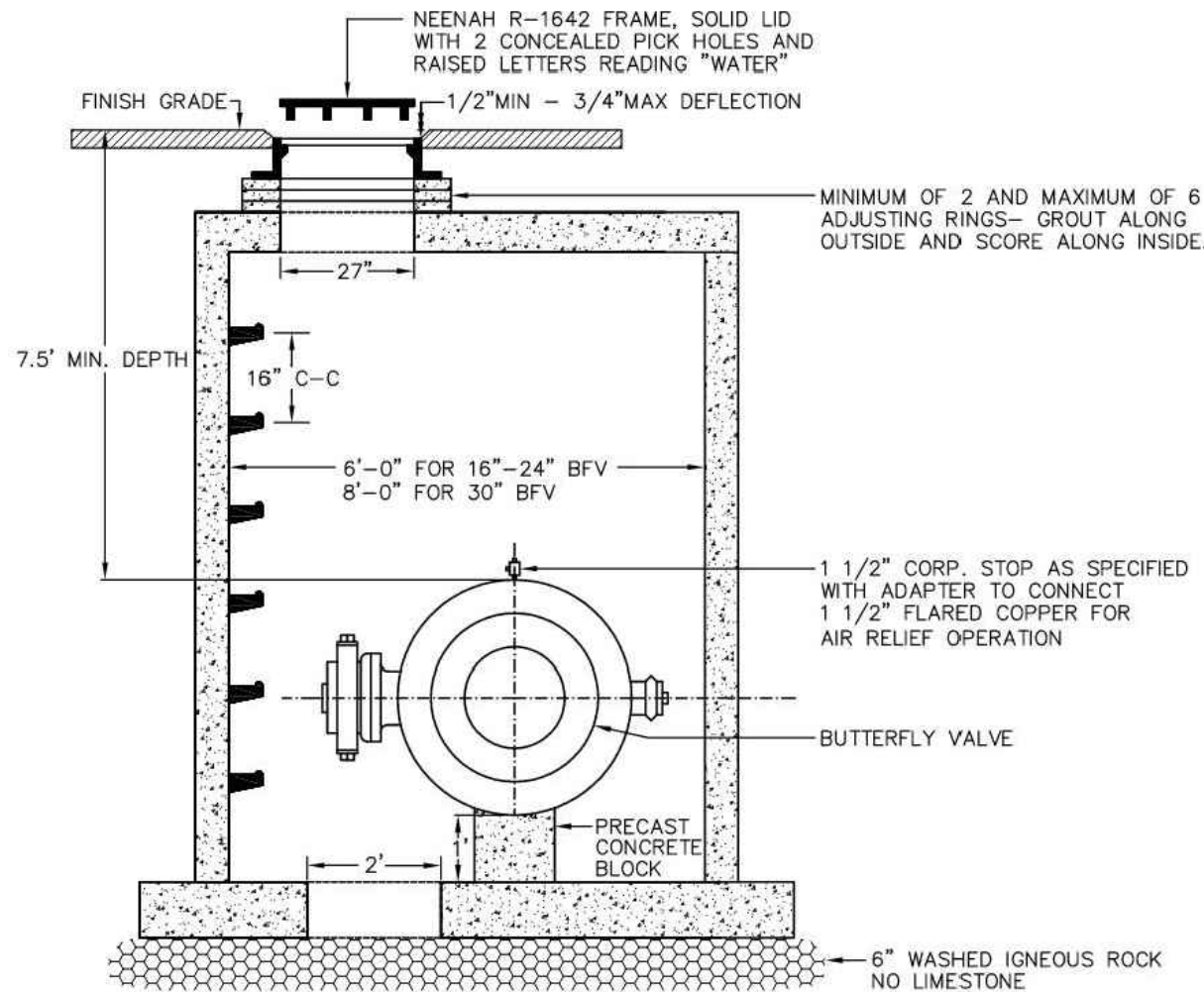


TYPICAL WATERMAIN PLUG

CITY OF INVER GROVE HEIGHTS
ENGINEERING DEPARTMENT

3/11

PLATE NO.
WTR-06



- NOTES: 1. OPERATING NUT MUST BE CENTERED UNDER MANHOLE OPENING.
2. GEARBOX MUST BE POSITIONED SO IT IS REMOVABLE AND MAINTAINABLE.
3. MARKING POSTS SHALL BE INSTALLED AT ALL MANHOLES LOCATED OUTSIDE OF STREET RIGHT OF WAYS. SEE PLATE NO. MISC-01.



BUTTERFLY VALVE MANHOLE

CITY OF INVER GROVE HEIGHTS
ENGINEERING DEPARTMENT

2/14

PLATE NO.
WTR-08

APPROVED:

Brian D. Connolly

Brian D. Connolly, PE
Public Works Director, Inver Grove Heights

12/21/2022

Date

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Date	Revision	By
8.12.22	BID SET	
12.05.22	DOLI COMMENTS	
12.22.22	REVISED DOLI COMMENTS	

HKGI Project No.: 021-002

Designed by: RJK

Drawn by: RJK

Checked By: JEA

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Engineer under the laws of the State of Minnesota.

Jeremy E. Anderson
Jeremy E. Anderson, PE

44223

Registration No.

07.27.22

Date

DESIGN TREE
engineering + land surveying
St. Cloud | Alexandria | Rogers
320-217-5557

Client:

INVER GROVE HEIGHTS,
MINNESOTA
CITY PROJ. # 2114

Project:

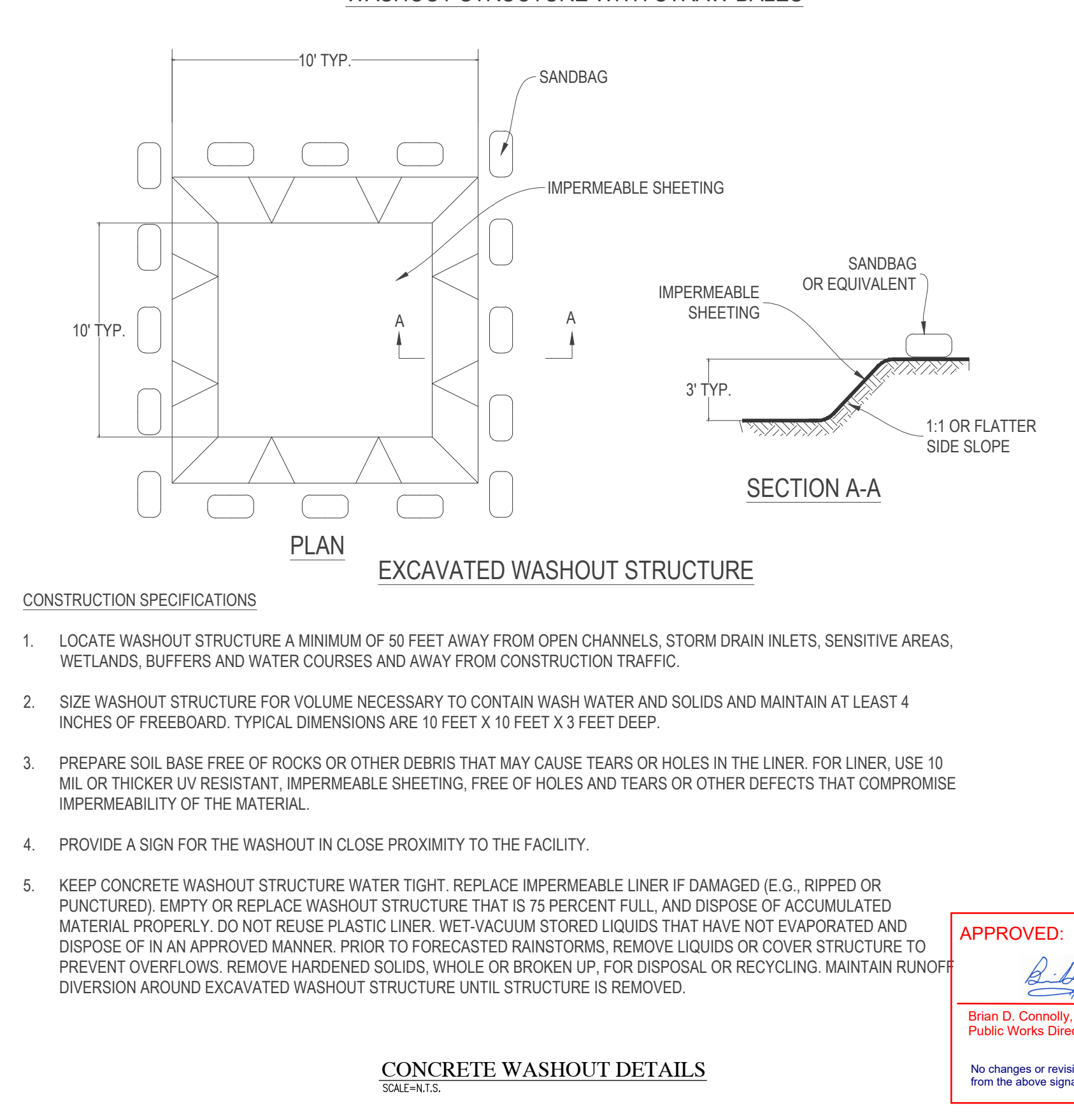
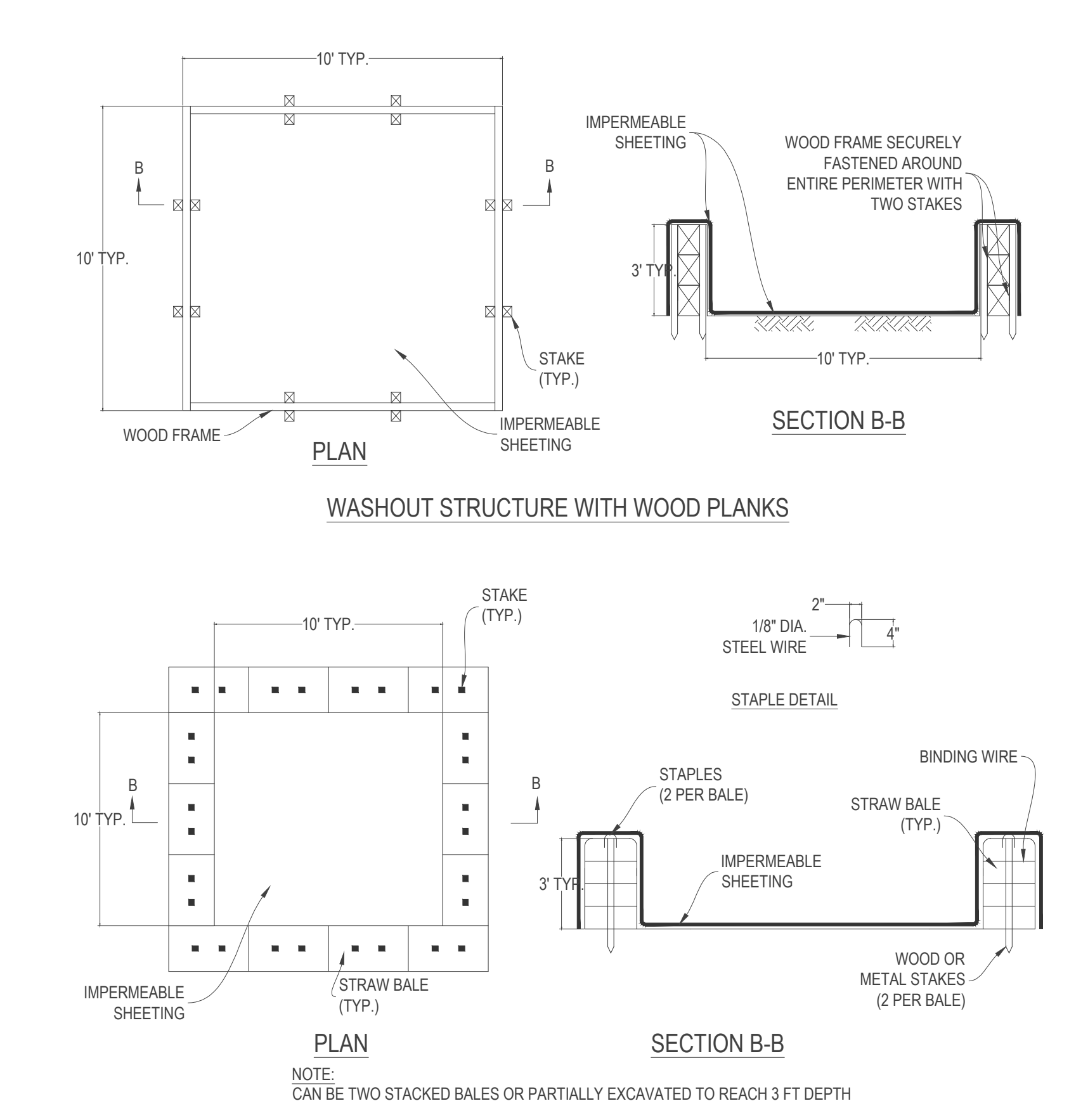
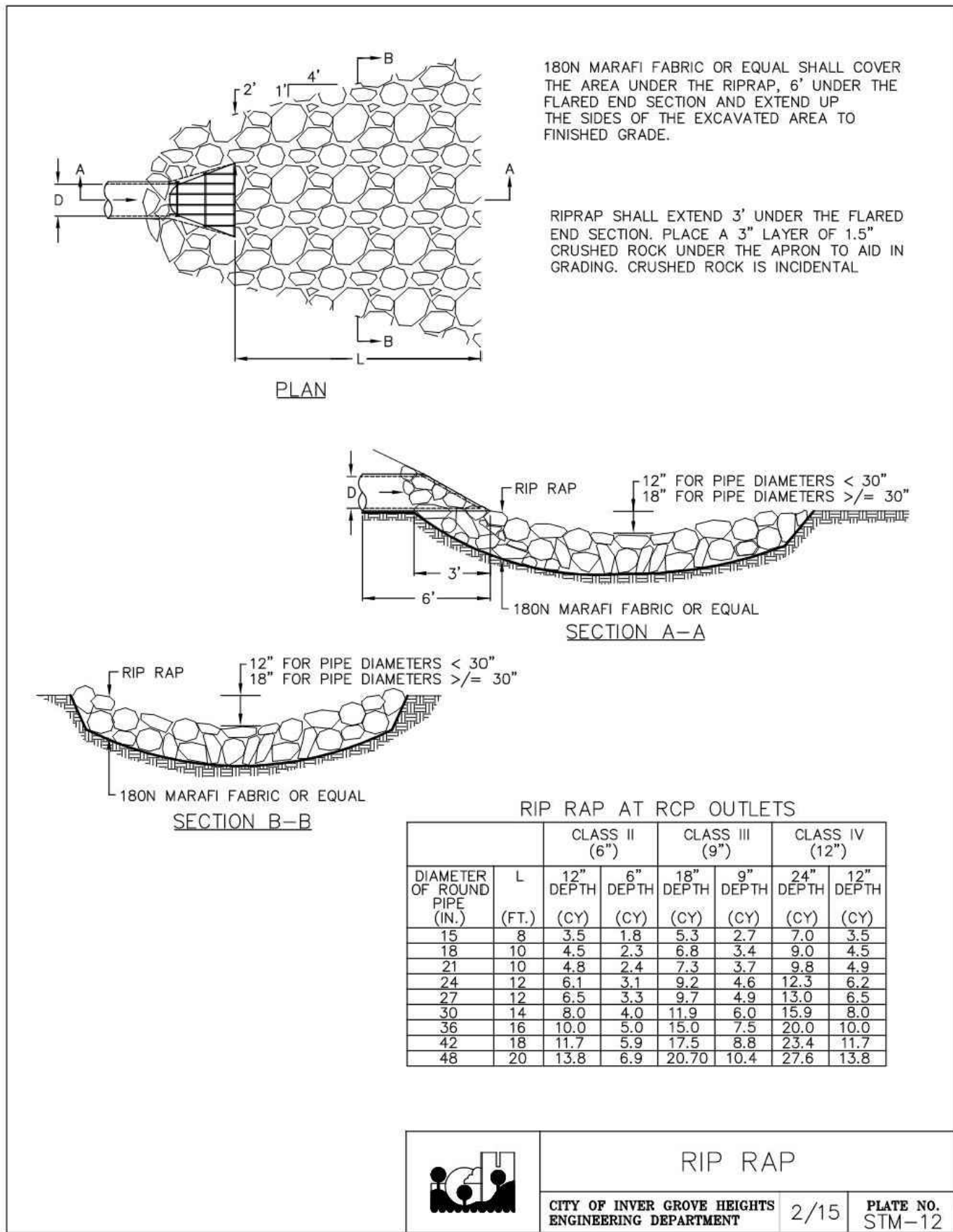
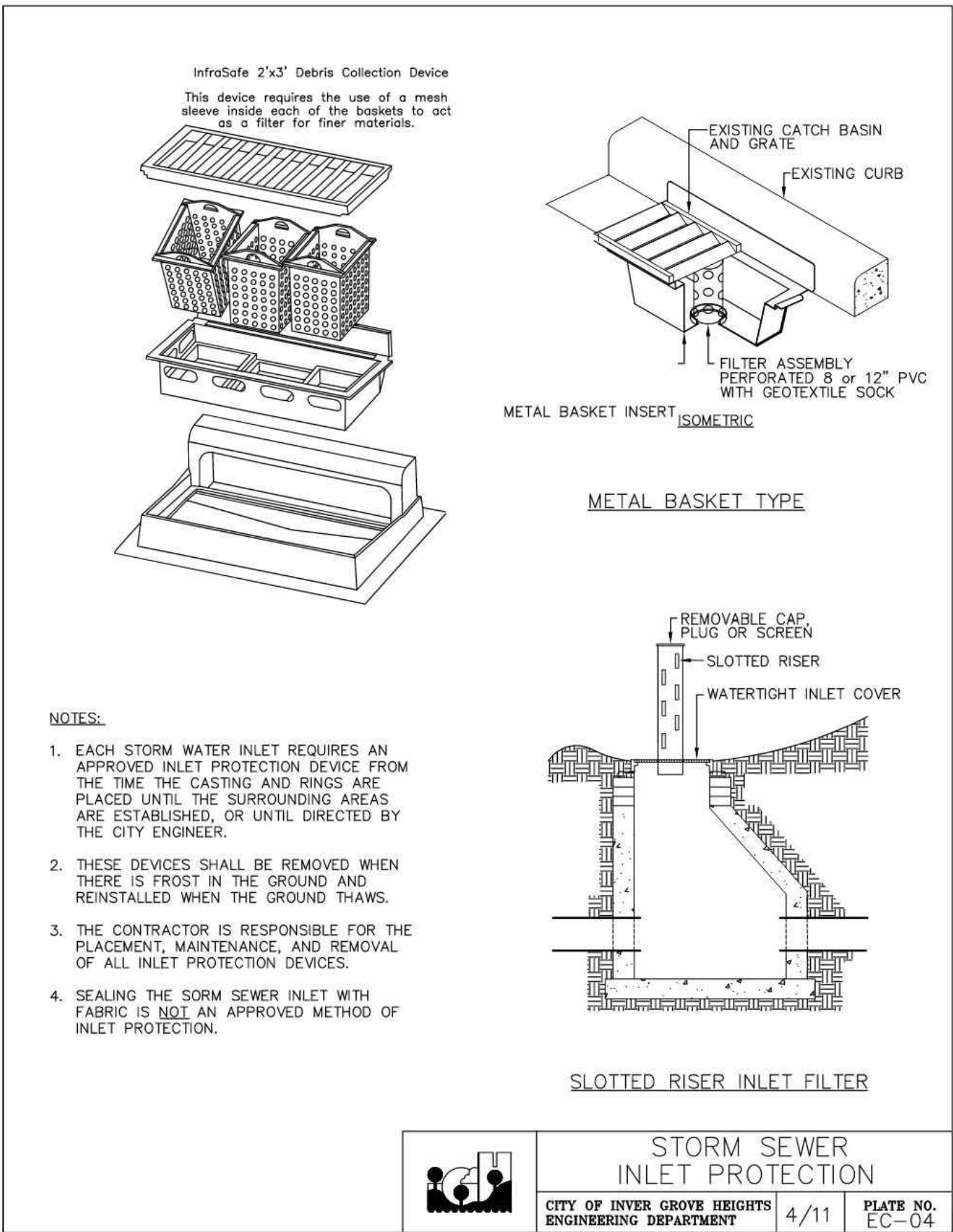
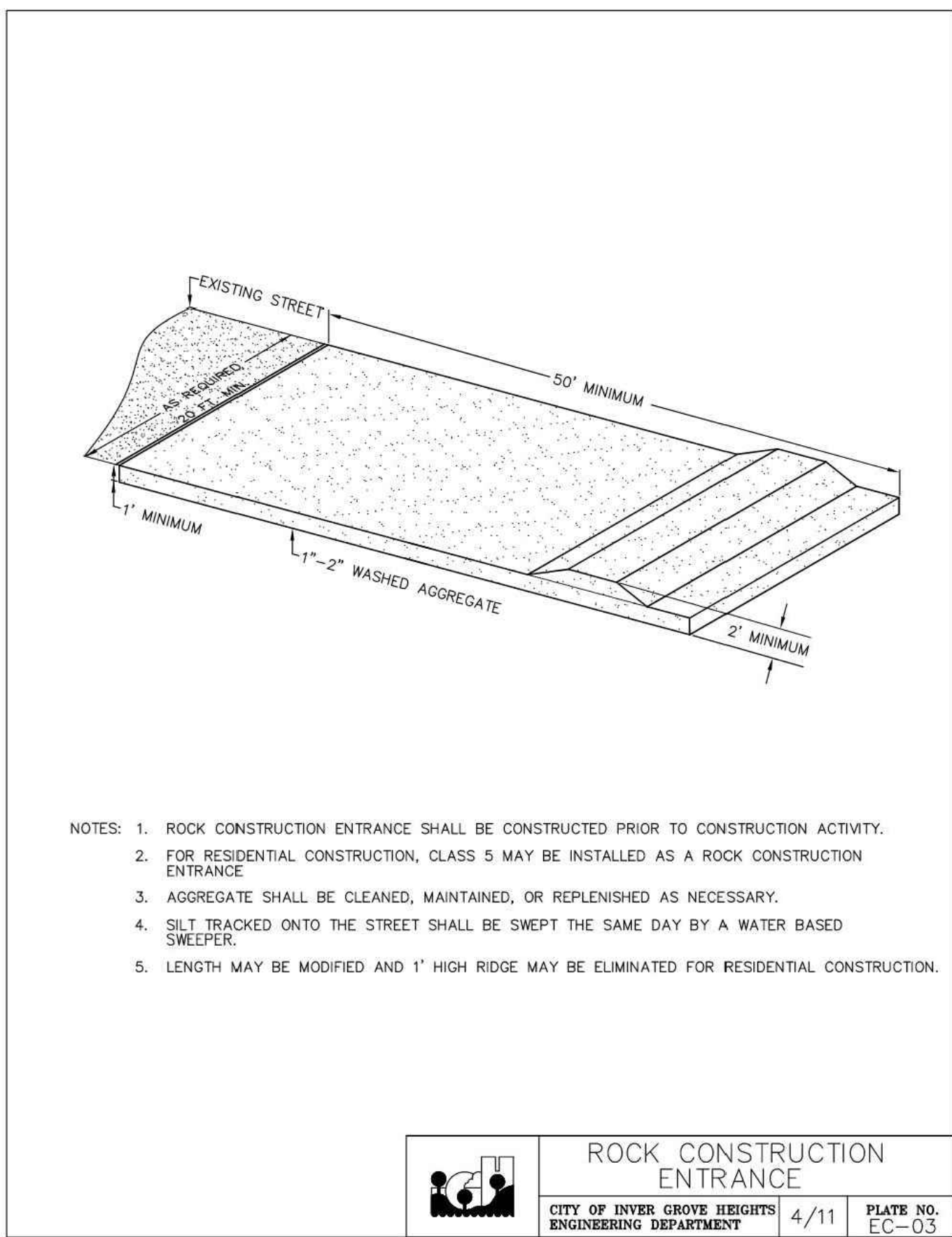
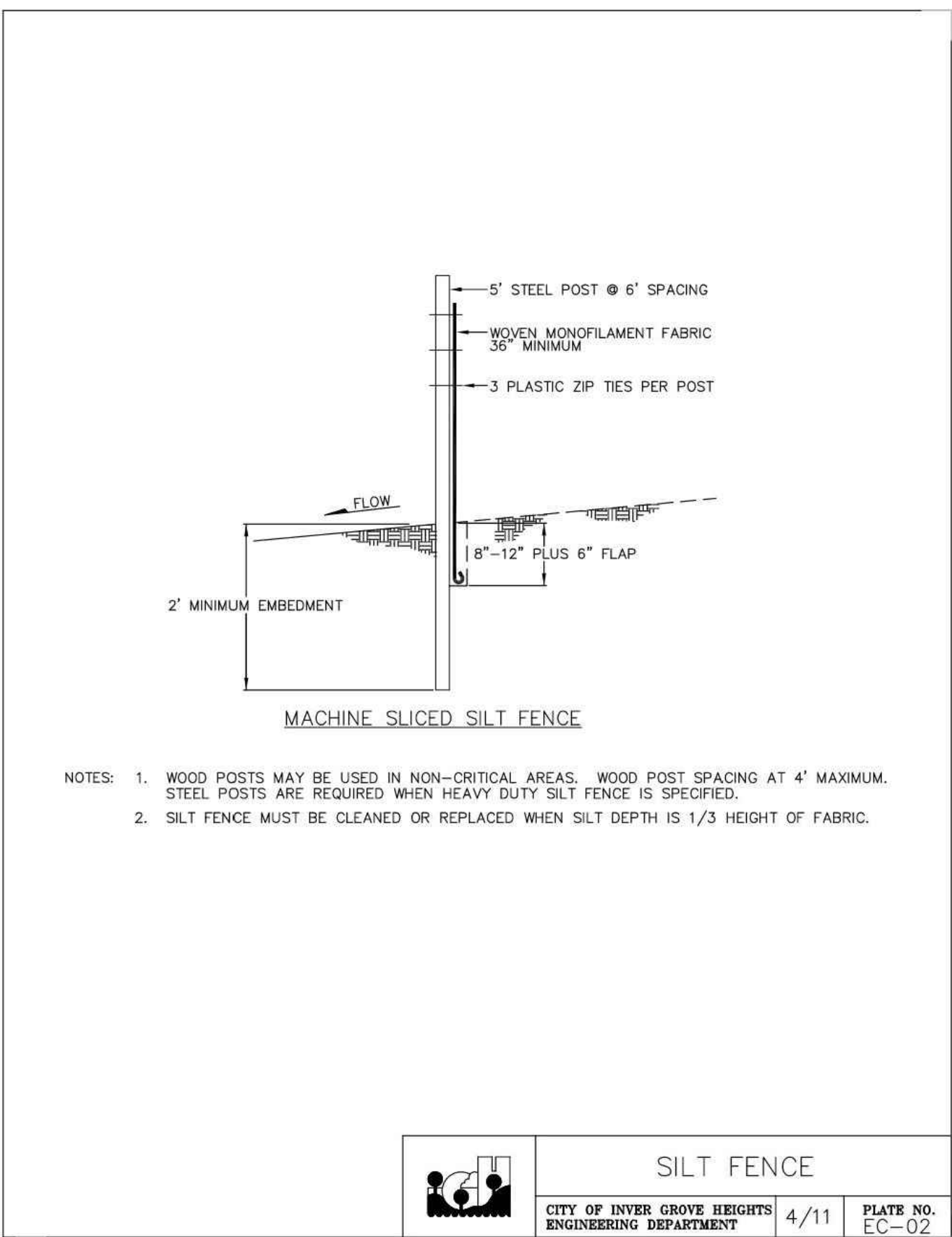
SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS
INVER GROVE HEIGHTS, MINNESOTA

Sheet Title:

CIVIL DETAILS

SHEET

C7.3



Date	Revision	By
8.12.22	BID SET	
12.05.22	DOLI COMMENTS	
12.22.22	REVISED DOLI COMMENTS	

HKGI Project No.: 021-002	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Engineer under the laws of the State of Minnesota.
Designed by: RJK	Jeremy E. Anderson, PE
Drawn by: RJK	
Checked By: JEA	44223 07.27.22 Registration No. Date

DESIGN TREE
engineering + land surveying
St. Cloud | Alexandria | Rogers
320-217-5557

Client:

INVER GROVE HEIGHTS, MINNESOTA
CITY PROJ. # 2114

Project:

SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS
INVER GROVE HEIGHTS, MINNESOTA

Sheet Title:

EROSION CONTROL DETAILS

SHEET

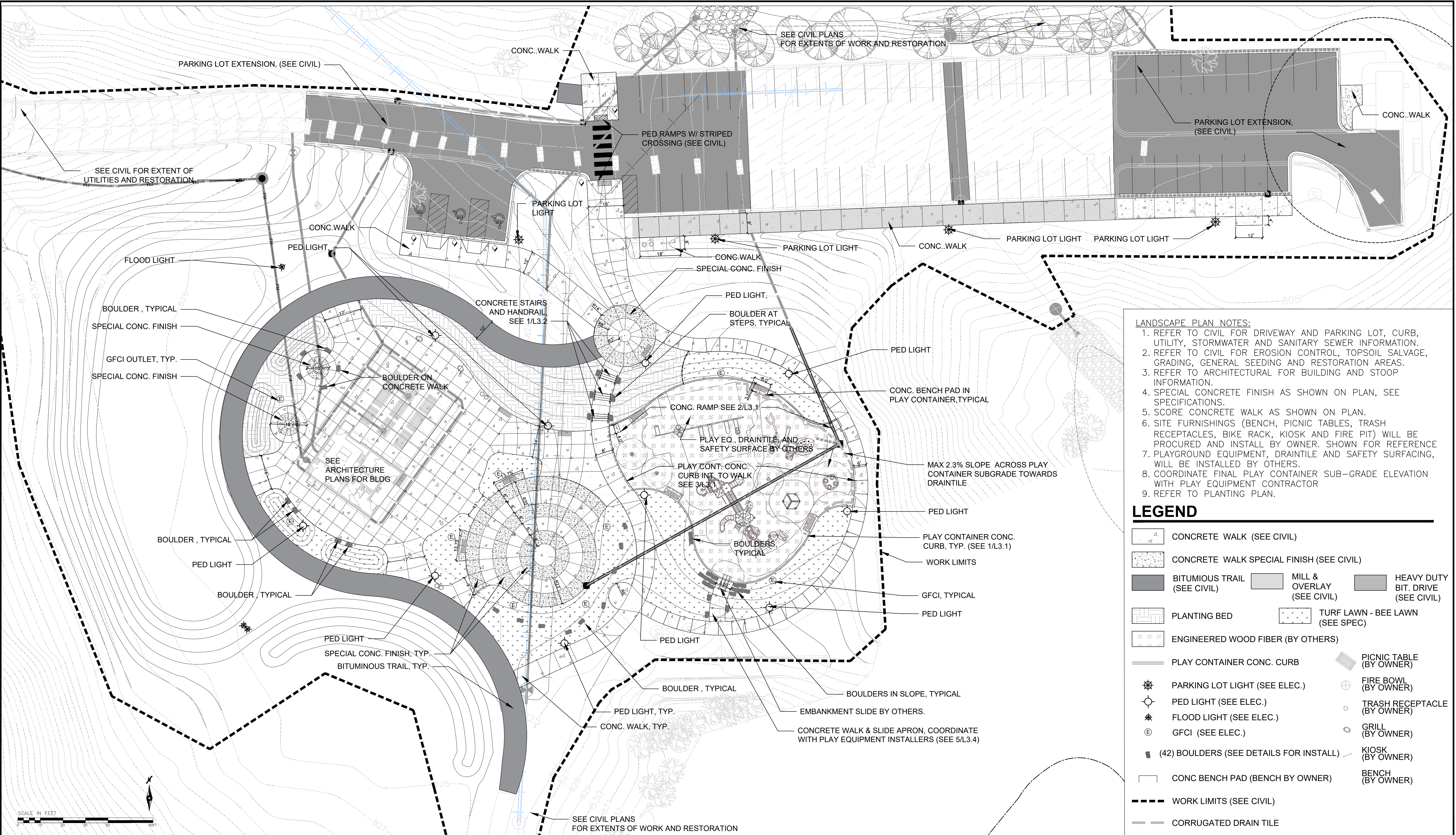
C7.4

APPROVED:

Brian D. Connolly
Brian D. Connolly, PE
Public Works Director, Inver Grove Heights

12/21/2022
Date

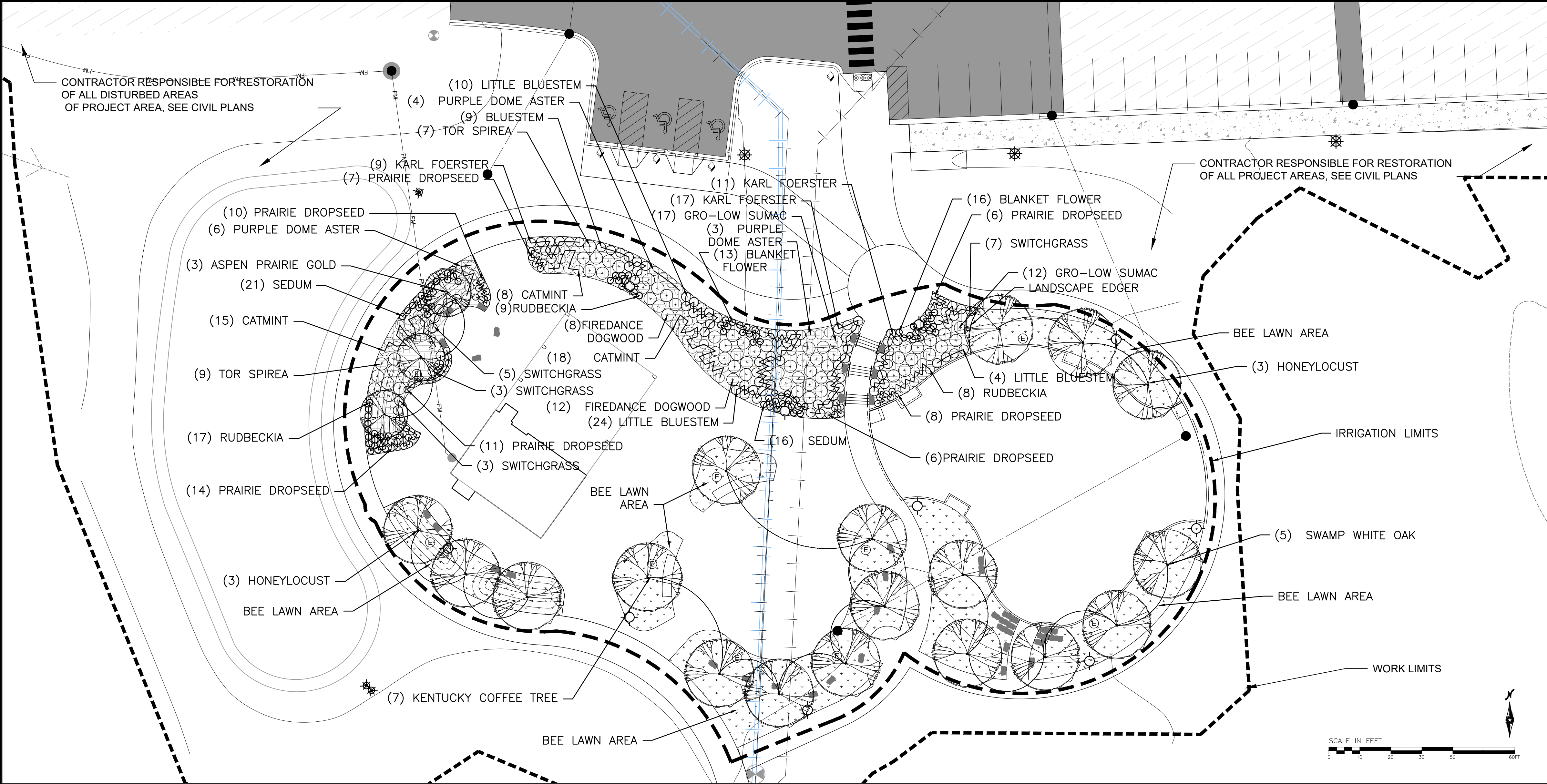
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- LANDSCAPE PLAN NOTES:**
1. REFER TO CIVIL FOR DRIVEWAY AND PARKING LOT, CURB, UTILITY, STORMWATER AND SANITARY SEWER INFORMATION.
 2. REFER TO CIVIL FOR EROSION CONTROL, TOPSOIL SALVAGE, GRADING, GENERAL SEEDING AND RESTORATION AREAS.
 3. REFER TO ARCHITECTURAL FOR BUILDING AND STOOP INFORMATION.
 4. SPECIAL CONCRETE FINISH AS SHOWN ON PLAN, SEE SPECIFICATIONS.
 5. SCORE CONCRETE WALK AS SHOWN ON PLAN.
 6. SITE FURNISHINGS (BENCH, PICNIC TABLES, TRASH RECEPTACLES, BIKE RACK, KIOSK AND FIRE PIT) WILL BE PROCURED AND INSTALL BY OWNER. SHOWN FOR REFERENCE
 7. PLAYGROUND EQUIPMENT, DRAINTILE AND SAFETY SURFACING, WILL BE INSTALLED BY OTHERS.
 8. COORDINATE FINAL PLAY CONTAINER SUB-GRADE ELEVATION WITH PLAY EQUIPMENT CONTRACTOR
 9. REFER TO PLANTING PLAN.

LEGEND			
	CONCRETE WALK (SEE CIVIL)		CONCRETE WALK SPECIAL FINISH (SEE CIVIL)
	BITUMIOUS TRAIL (SEE CIVIL)		MILL & OVERLAY (SEE CIVIL)
	PLANTING BED		HEAVY DUTY BIT. DRIVE (SEE CIVIL)
	ENGINEERED WOOD FIBER (BY OTHERS)		TURF LAWN - BEE LAWN (SEE SPEC)
	PLAY CONTAINER CONC. CURB		PICNIC TABLE (BY OWNER)
	PARKING LOT LIGHT (SEE ELEC.)		FIRE BOWL (BY OWNER)
	PED LIGHT (SEE ELEC.)		TRASH RECEPTACLE (BY OWNER)
	FLOOD LIGHT (SEE ELEC.)		GRILL (BY OWNER)
	GFCI (SEE ELEC.)		KIOSK (BY OWNER)
	(42) BOULDERS (SEE DETAILS FOR INSTALL)		BENCH (BY OWNER)
	CONC BENCH PAD (BENCH BY OWNER)		
	WORK LIMITS (SEE CIVIL)		
	CORRUGATED DRAIN TILE		

Date	Revision	By	HKGI Project No.: 021-002 Designed by: JLR Drawn by: TDS, AJB Checked By: PP	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota.  Paul Paige, LA 23594 Registration No. 08.12.2022 Date	Consultant:  Landscape Architecture / Planning / Urban Design Minneapolis, Minnesota www.hkgi.com	Owner: INVER GROVE HEIGHTS, MINNESOTA CITY PROJ. # 2114	Project: SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS INVER GROVE HEIGHTS, MINNESOTA Sheet Title: LANDSCAPE PLAN	SHEET L1.1
12.22.22	REBID SET							



- PLANTING AND IRRIGATION GENERAL NOTES:
- REFER TO CIVIL FOR REMOVALS, RESTORATION, EROSION CONTROL, SEEDING AND BLANKET, TOPSOIL SALVAGE AND GRADING.
 - REFER TO CIVIL FOR CURB, UTILITY, SANITARY SEWER AND STORMWATER INFORMATION.
 - REFER TO ARCHITECTURE FOR BUILDING INFORMATION.
 - COORDINATE WORK WITH SITE ELECTRICAL, IRRIGATION AND BOULDER INSTALLATION.
 - SHREDDED WOOD MULCH AT ALL PLANTING BEDS. PROVIDE SAMPLE OF MULCH TO BE APPROVED BY OWNER.
 - LANDSCAPE EDGER BETWEEN PLANTING BED AND TURF AS SHOWN ON PLANS.
 - SHREDDED HARDWOOD MULCH 3FT RINGS AROUND ALL TREES AND SHRUBS IN TURF AREAS.
 - STAKE AND VERIFY LAYOUT IN FIELD FOR LANDSCAPE ARCHITECT APPROVAL PRIOR TO BRINGING PLANT MATERIAL TO SITE.
 - IRRIGATION LIMITS: SPRAY HEADS AT TURF AREAS WITHIN WALK AND TRAIL PERIMETER. PLANTING BEDS TO RECEIVE NO IRRIGATION BUT INCLUDE A HOSE BID VALVE BOX IN CENTER PLANTING BED. SEE PERFORMANCE IRRIGATION SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 - SEE MECHANICAL PLANS FOR IRRIGATION WATER SOURCE IN BUILDING.
 - SEE SPECIFICATION SECTION 328400 PLANTING IRRIGATION, SECTION 329200 SEEDS AND LAWNS, AND SECTION 329300 EXTERIOR PLANTS,

PLANTING PLAN KEY

- DECIDUOUS TREE
- ORNAMENTAL TREE
- DECIDUOUS SHRUB
- PERENNIAL
- IRRIGATION LIMITS
- WORK LIMITS
- BEE LAWN MIX AREA (IRRIGATED)
- PLANTING BED (NO IRRIGATION, INCLUDE A HOSE BIB VALVE BOX IN CENTER BED)
- PARKING LOT LIGHT (SEE ELEC.)
- PED LIGHT (SEE ELEC.)
- FLOOD LIGHT (SEE ELEC.)
- GFCI (SEE ELEC.)
- (42) BOULDERS (SEE DETAILS FOR INSTALL)

PLANT SCHEDULE

TOTAL	QTY	COMMON N A ME	SCIENTIFIC NAME	SIZE	CONT.	COMMENTS	MATURE SIZE
18	DECIDUOUS TREES						HEIGHT / WIDTH
	5	SWAMP WHITE OAK	<i>Quercus alba</i>	2.5" CAL	B&B	SINGLE STEM	50-60' / 40-50'
	6	HONEYLOCUST SUNBURST	<i>Gleditsia triacanthos var. inermis 'Suncoke'</i>	2.5" CAL	B&B	SINGLE STEM	35' / 30-35'
	7	KENTUCKY COFFEE TREE ESPRESSO	<i>Gymnocladus dioicus 'Espresso'</i>	2.0" CAL	B&B	SINGLE STEM	
3	DECIDUOUS ORNAMENTAL TREES						HEIGHT / WIDTH
	3	ASPEN PRAIRIE GOLD	<i>Populus tremuloides 'NEArb'</i>	2.0" CAL	B&B	SINGLE STEM	30' / 15'
65	DECIDUOUS SHRUBS						TYP SPACE HEIGHT / WIDTH
	16	TOR SPIREA	<i>Spiraea betulifolia 'Tor'</i>	NO. 5	CONT.	4FT O.C.	2-3' / 2-3'
	29	GRO-LOW SUMAC	<i>Rhus aromatica 'Gro-Low'</i>	NO. 5	CONT.	4FT O.C.	2' / 6'
	20	FIREDANCE DOGWOOD	<i>Cornus sericea 'Balladine' (PPAF)</i>	NO. 5	CONT.	4FT O.C.	3-4' / 4-5'
309	PERENNIALS						HEIGHT / WIDTH
	62	PRAIRIE DROPSEED	<i>Sporobolus heterolepis</i>	NO. 1	CONT.	2 FT O.C.	24" / 24"
	37	KARL FOERSTER	<i>Calamagrostis x acutiflora 'Karl Foerster'</i>	NO. 1	CONT.	2 FT O.C.	36" / 18"
	29	BLANKET FLOWER	<i>Baillardia grandiflora 'Mesa Yellow'</i>	NO. 1	CONT.	2 FT O.C.	15-18" / 16"
	37	AUTUMN FIRE SEDUM	<i>Sedum x 'Autumn Fire'</i>	NO. 1	CONT.	2 FT O.C.	18" / 18"
	41	CATMINT	<i>Nepeta faassenii 'Kit Kat'</i>	NO. 1	CONT.	2 FT O.C.	15-18" / 18-24"
	13	PURPLE DOME ASTER	<i>Aster novae-angliae 'Purple Dome'</i>	NO. 1	CONT.	3 FT O.C.	18" / 18-24"
	34	RUDBECKIA	<i>Rudbeckia 'Goldsturm'</i>	NO. 1	CONT.	3 FT O.C.	30" / 18"
	38	LITTLE BLUESTEM GRASS	<i>Schizachyrium scoparium 'Minblue A'</i>	NO. 1	CONT.	3 FT O.C.	36-48" / 24-30"
	18	SWITCHGRASS RUBY RIBBONS	<i>Panicum virgatum 'Ruby Ribbons'</i>	NO. 1	CONT.	3 FT O.C.	36-48" / 24-30"

Date12.22.22RevisionREBID SETBy

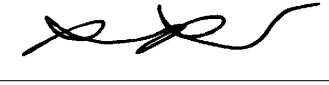
Designed by: JLR

Drawn by: TDS, AJB

Checked By: PP

HKGI Project No.: 021-002

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota.


Paul Paige, LA

23594
Registration No.

08.12.2022
Date

Consultant:



Landscape Architecture / Planning / Urban Design
Minneapolis, Minnesota
www.hkgi.com

Owner:

INVER GROVE HEIGHTS,
MINNESOTA
CITY PROJ. # 2114

Project:

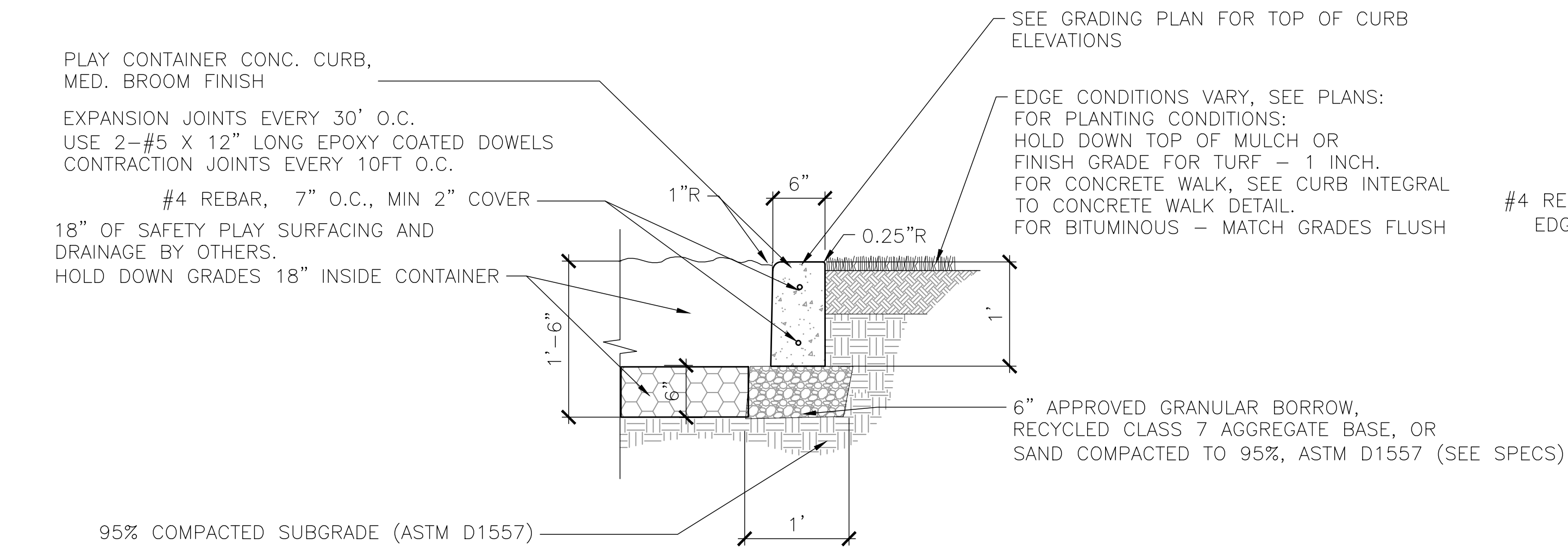
SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS
INVER GROVE HEIGHTS, MINNESOTA

Sheet Title:

PLANTING PLAN

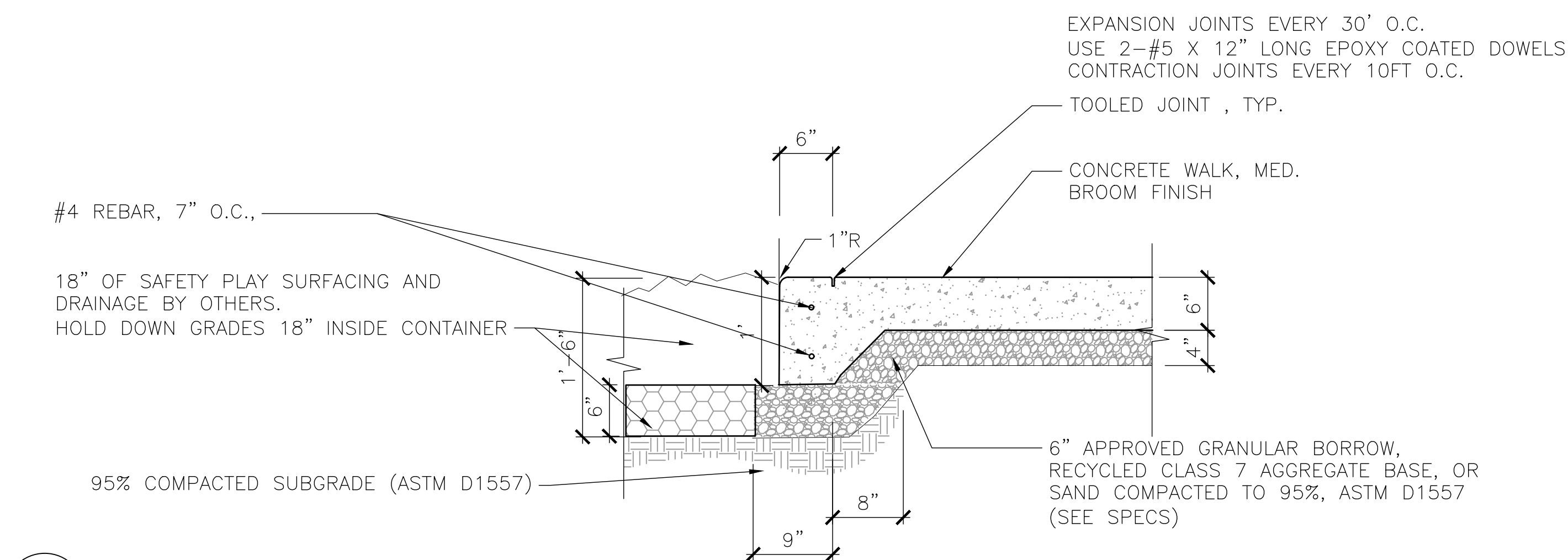
SHEET

L2.1



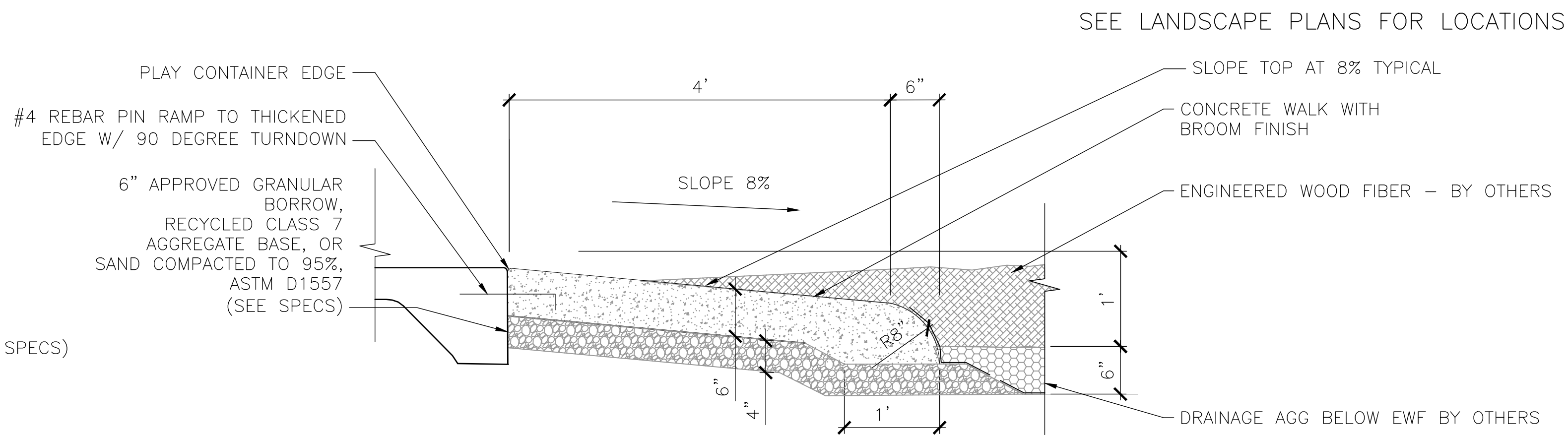
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L3.1

PLAY CONTAINER CONCRETE CURB SECTION



3
L3.1

PLAY CONTAINER CONCRETE CURB INTEGRAL TO WALK AND CONCRETE BENCH PAD

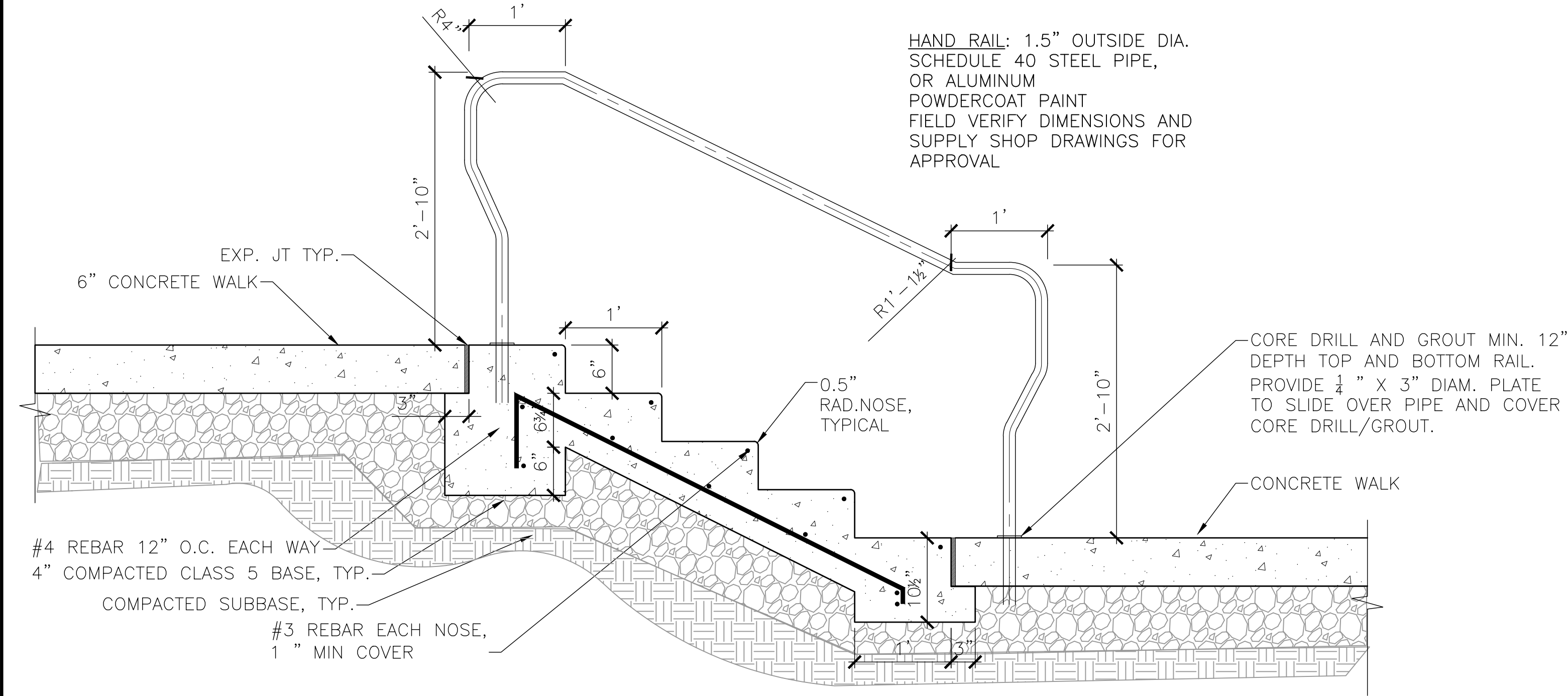


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L3.1

4FT WIDE CONCRETE RAMP INTO PLAY CONTAINER ENTRY POINTS - TYPICAL SECTION

NOTE: SEE CIVIL DETAILS FOR BITUMINOUS AND CONCRETE PAVEMENT DETAILS

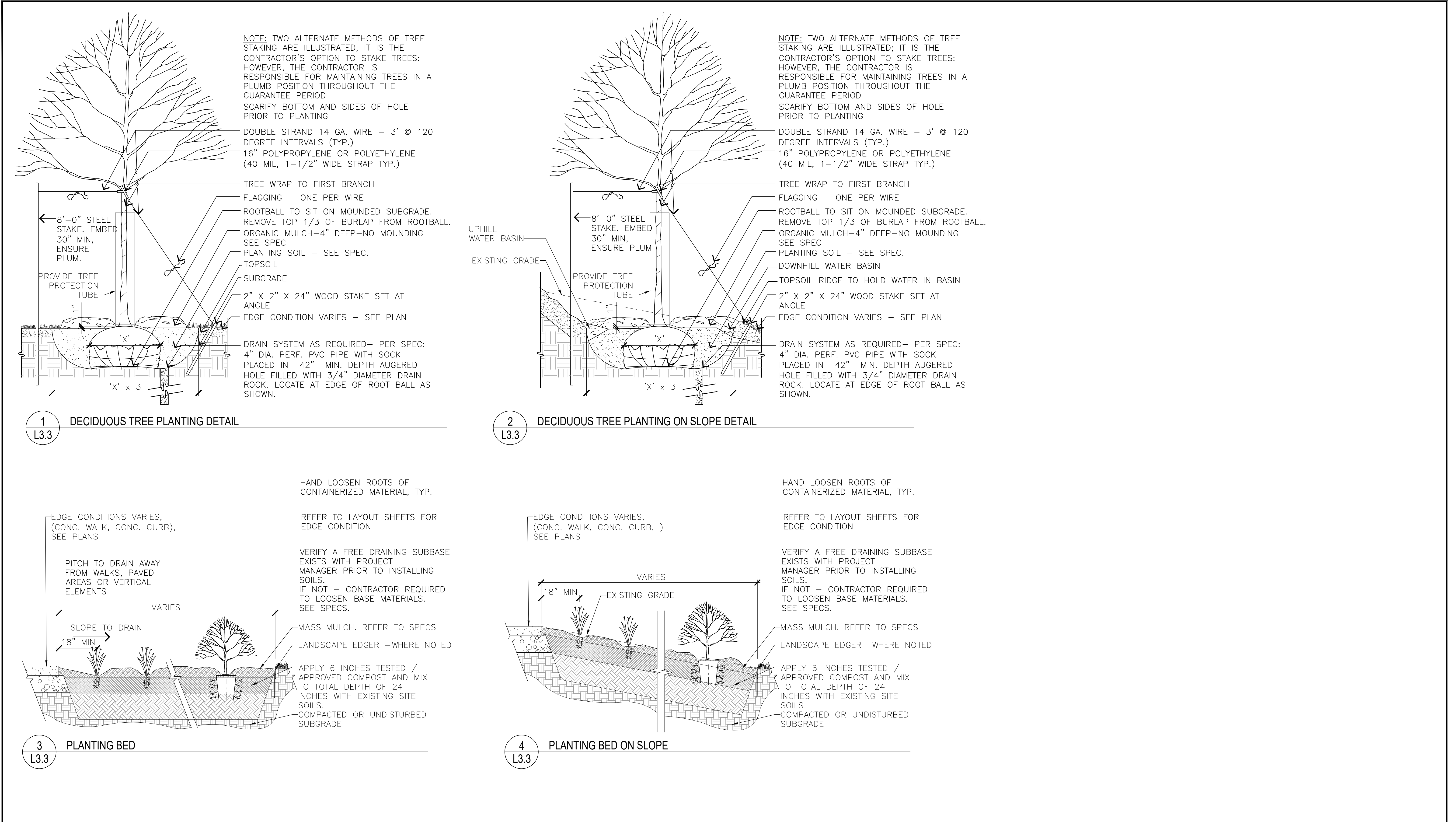
Date 12.22.22	Revision REBID SET	By	HKGI Project No.: 021-002	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota. Paul Paige, LA	Consultant: Landscape Architecture / Planning / Urban Design Minneapolis, Minnesota www.hkgi.com	Owner: INVER GROVE HEIGHTS, MINNESOTA CITY PROJ. # 2114	Project: SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS INVER GROVE HEIGHTS, MINNESOTA	SHEET L3.1
			Designed by: JLR				Sheet Title: LANDSCAPE DETAILS	
			Drawn by: TDS, AJB					
			Checked By: PP	23594 Registration No.	08.12.2022 Date			



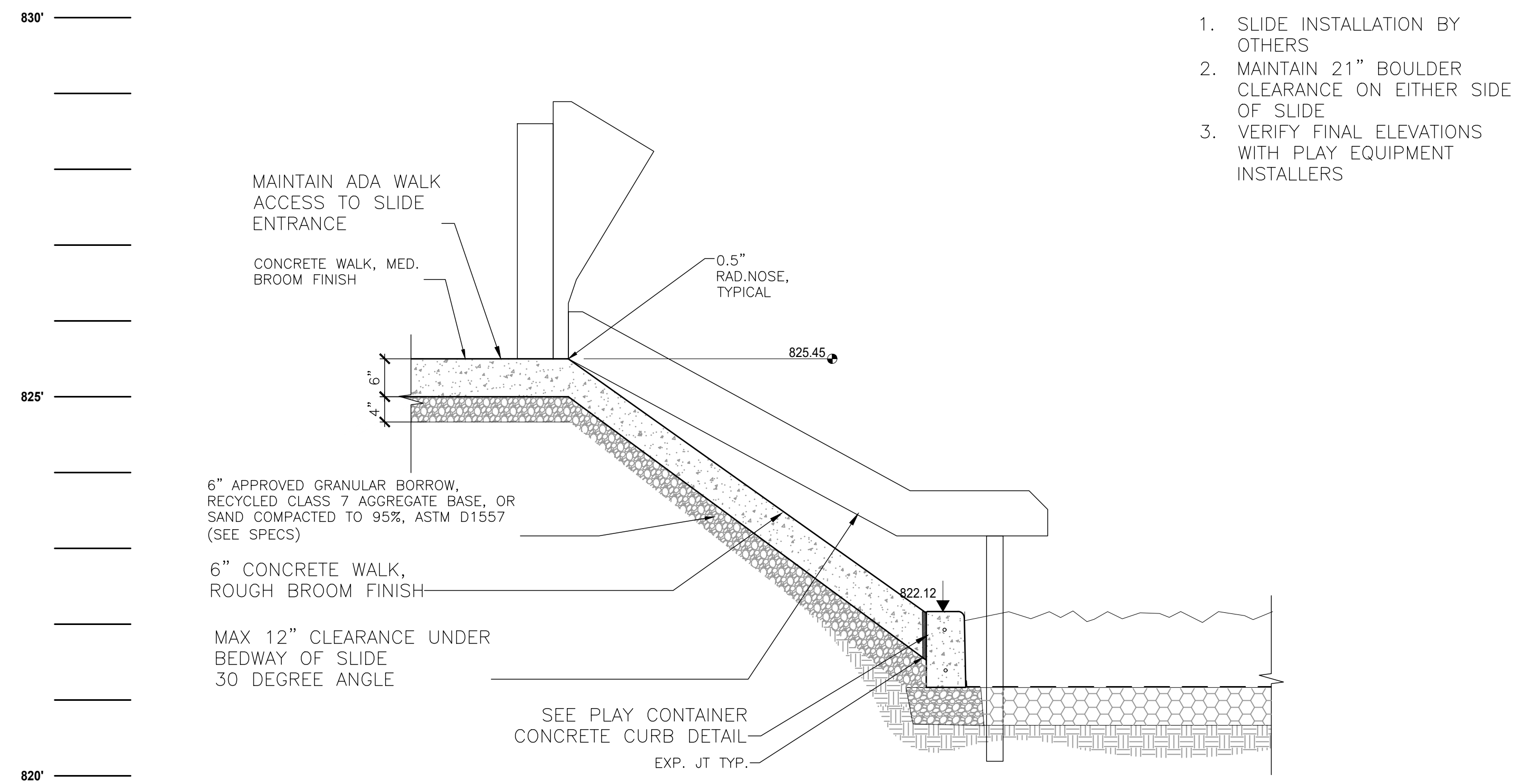
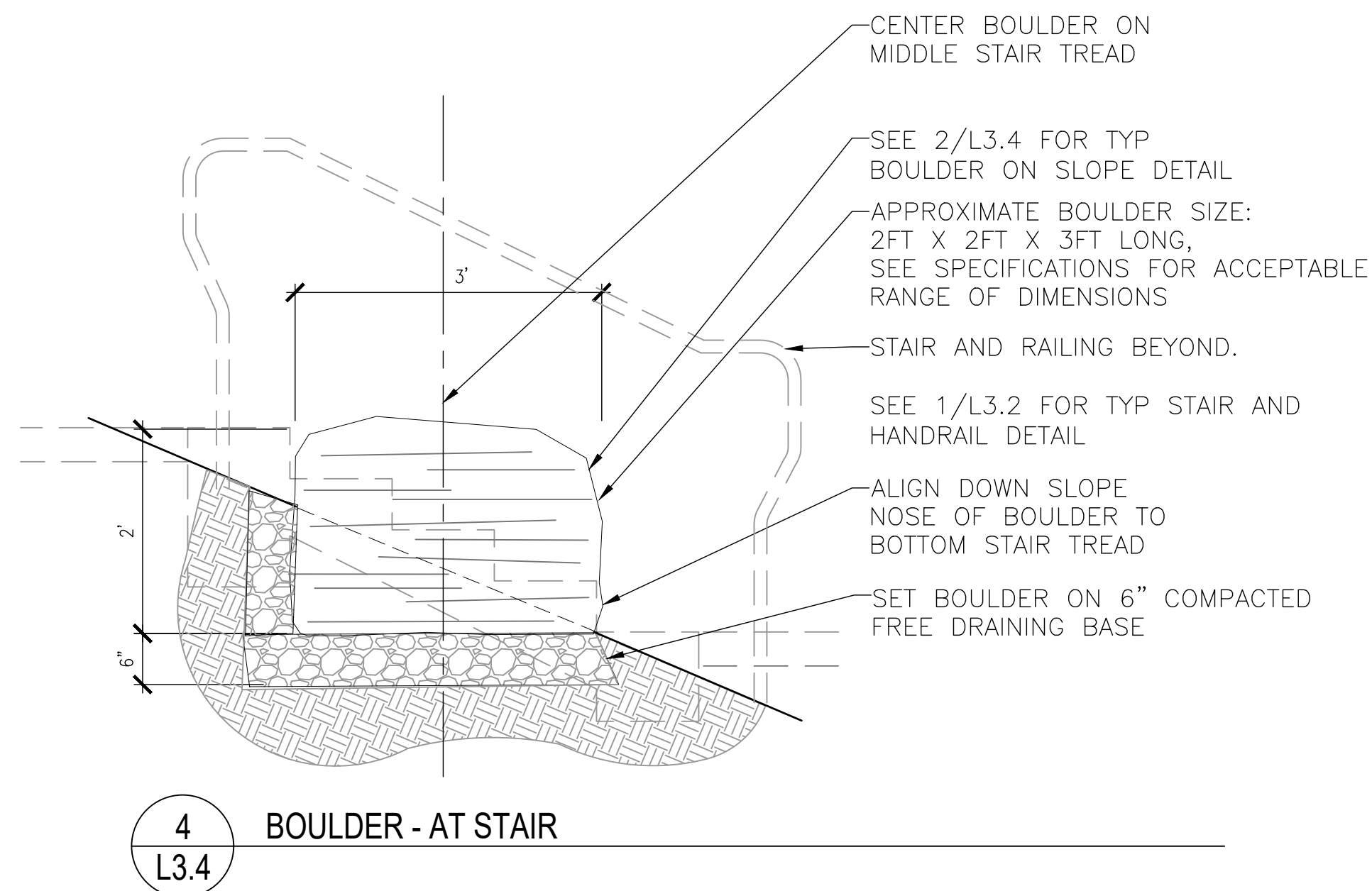
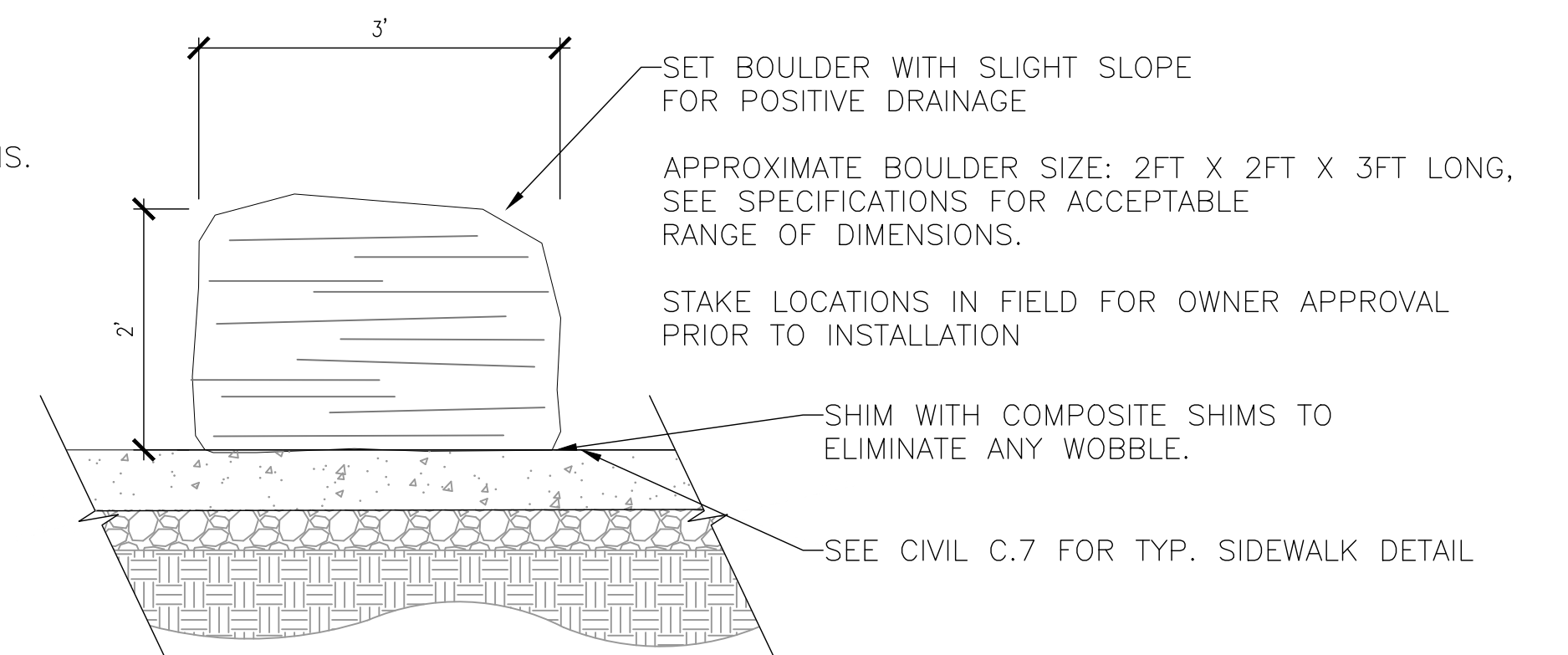
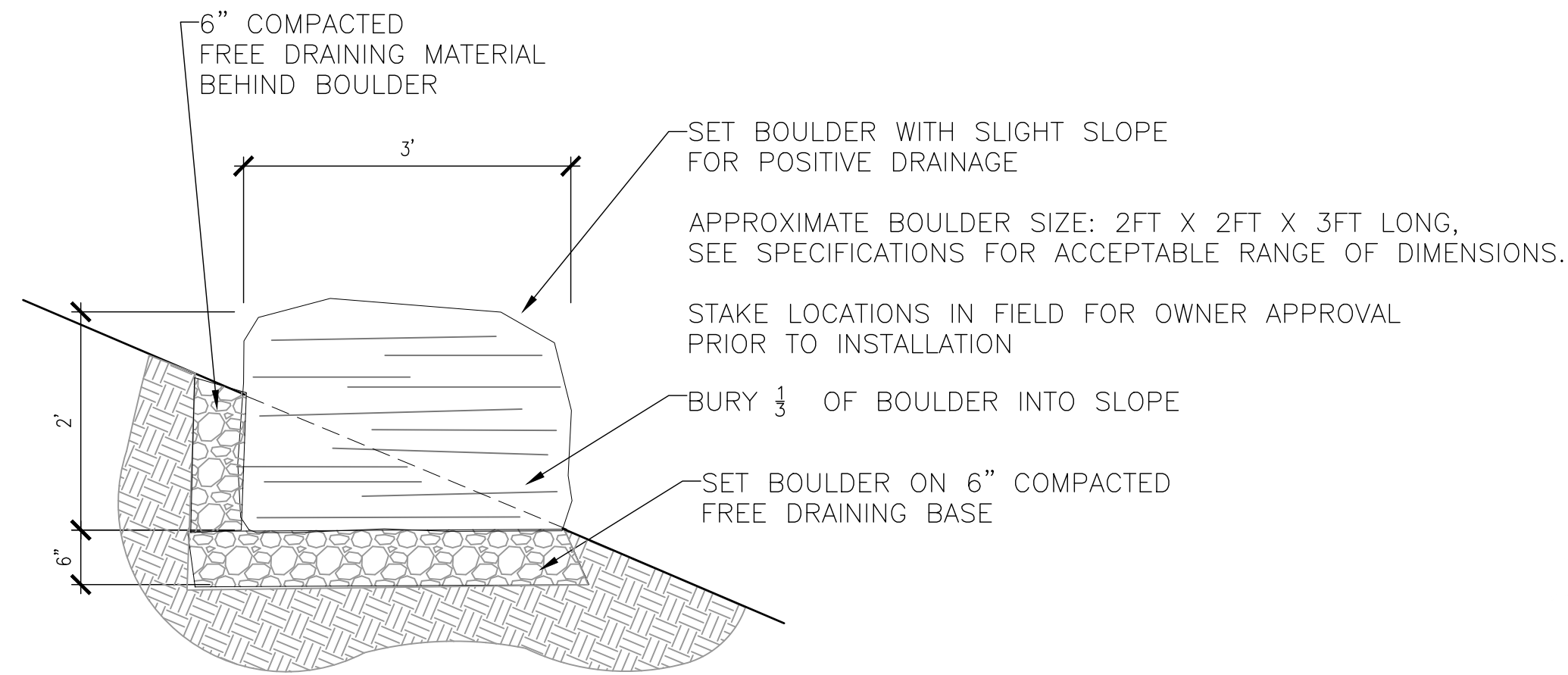
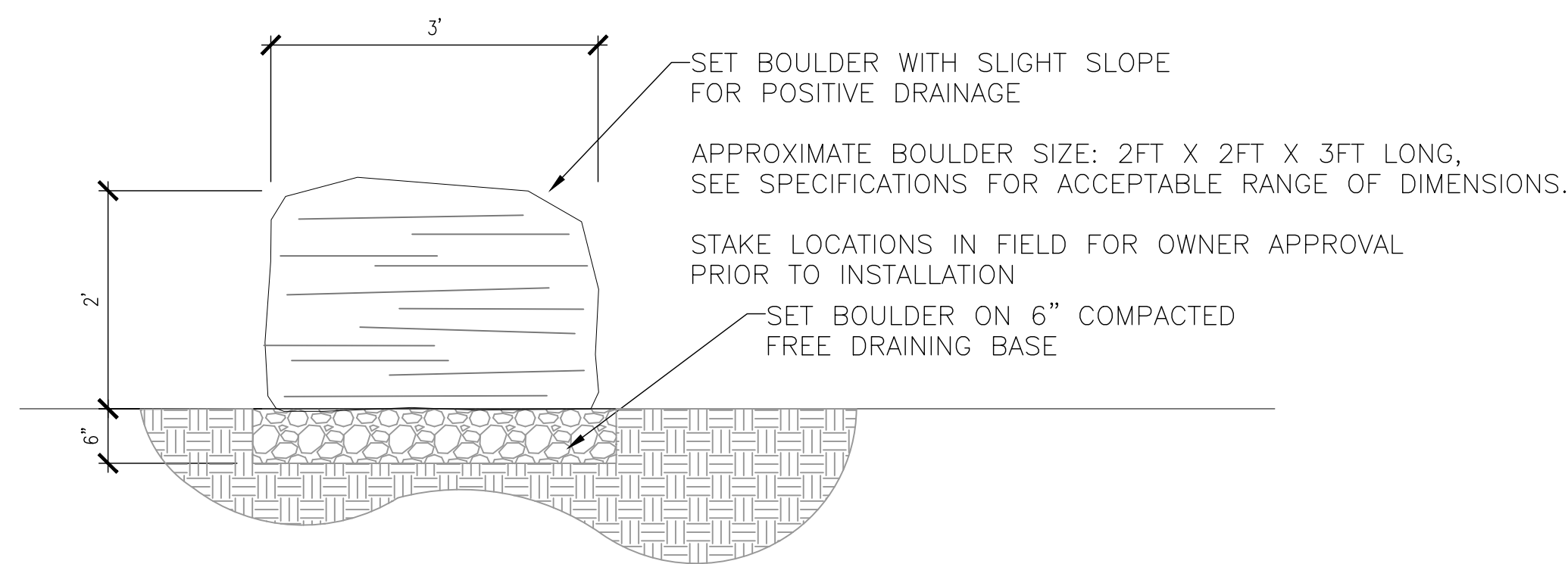
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L3.2

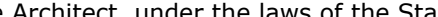
CONCRETE STEPS AND HAND RAIL

Date	Revision	By	HKGI Project No.: 021-002	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota.  Paul Paige, LA	Consultant:  Landscape Architecture / Planning / Urban Design Minneapolis, Minnesota www.hkgi.com	Owner: INVER GROVE HEIGHTS, MINNESOTA CITY PROJ. # 2114	Project: SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS INVER GROVE HEIGHTS, MINNESOTA	SHEET					
12.22.22	REBID SET								Designed by: JLR	23594 Registration No.	08.12.2022 Date	Sheet Title: LANDSCAPE DETAILS	L3.2
9.07.2022	ADDENDUM NO. 2												
			Checked By: PP										



Date 12.22.22		Revision REBID SET	By	HKGI Project No.: 021-002	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota.  Paul Paige, LA 23594 Registration No.	08.12.2022 Date	Consultant:  Landscape Architecture / Planning / Urban Design Minneapolis, Minnesota www.hkgi.com	Owner: INVER GROVE HEIGHTS, MINNESOTA CITY PROJ. # 2114	Project: SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS INVER GROVE HEIGHTS, MINNESOTA	Sheet Title: LANDSCAPE DETAILS	SHEET L3.3
				Designed by: JLR							
				Drawn by: TDS, AJB							
				Checked By: PP							



Date	Revision	By	HKGI Project No.: 021-002	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed Landscape Architect under the laws of the State of Minnesota.	Consultant:	Owner:	Project:	SHEET
12.22.22	REBID SET		Designed by: JLR		 Landscape Architecture / Planning / Urban Design Minneapolis, Minnesota www.hkgi.com	INVER GROVE HEIGHTS, MINNESOTA CITY PROJ. # 2114	SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS INVER GROVE HEIGHTS, MINNESOTA	L3.4
9.13.2022			Drawn by:TDS, AJB	Paul Paige, LA				
			Checked By: PP	23594 Registration No.				

SOUTH VALLEY PARK

PHASE 1 IMPROVEMENTS

2810 70TH ST E, INVER GROVE HEIGHTS, MN 55076
ARCH. PROJECT NO. 21-07

OWNER:

CITY OF INVER GROVE HEIGHTS
8150 BARBARA AVENUE
INVER GROVE HEIGHTS, MN 55077
CONTACT:
email
(XXX) XXX.XXXX

ELECTRICAL ENGINEER:

PAULSON AND CLARK ENGINEERING
2352 E COUNTY RD J
WHITE BEAR LAKE, MN 55110
CONTACT: ANDREW TRIPP
atripp@paulsonclark.com
(651) 407.6056

PROJECT SUMMARY

THIS PROJECT IS A 2,300 SF PARK SHELTER OWNED AND OPERATED BY THE CITY OF INVER GROVE HEIGHTS, MINNESOTA. THE SCOPE OF THE PROJECT INCLUDES: TWO BATHROOMS, A KITCHEN, A COVERED SHELTER, AND A MECHANICAL SPACE. EXIT DISCHARGE AT GRADE FROM ENTIRE STRUCTURE.

INDEX:

- GENERAL
G100 TITLE AND INDEX PAGE
G101 CODE PLAN
G102 GENERAL INFORMATION
- ARCHITECTURAL
A101 FLOOR PLAN
A102 ROOF PLAN
A201 REFLECTED CEILING PLAN
A301 EXTERIOR ELEVATIONS
A302 EXTERIOR ELEVATIONS
A401 SHELTER SECTIONS
A402 WALL SECTIONS
A403 WALL SECTIONS
A404 WALL SECTIONS
A501 DETAILS
A502 DETAILS
A601 SCHEDULES
A701 INTERIOR ELEVATIONS

- STRUCTURAL
S001 GENERAL NOTES
S002 GENERAL NOTES
S003 SPECIAL INSPECTIONS
S100 FOUNDATION PLAN
S101 CEILING FRAMING PLAN
S102 ROOF FRAMING PLAN
S200 ELEVATIONS
S201 ELEVATIONS
S300 DETAILS
S301 CMU WALL DETAILS

ARCHITECT:

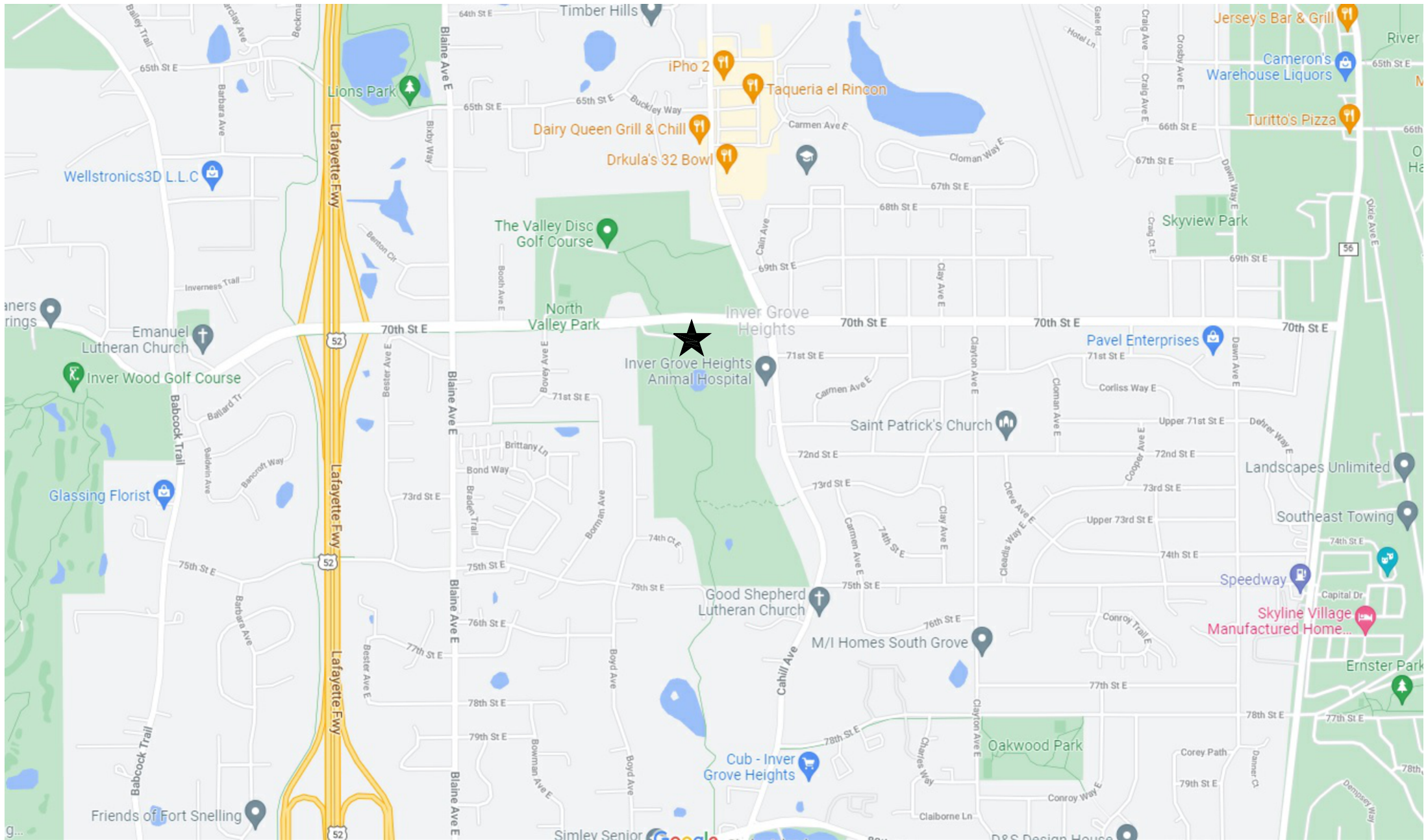
OERTEL ARCHITECTS
1795 ST. CLAIR AVENUE
ST. PAUL, MINNESOTA 55105
CONTACT: THOMAS STROMSODT
tstromsodt@oertelarchitects.com
(651) 696.5186

MECHANICAL ENGINEER

PAULSON AND CLARK ENGINEERING
2352 E COUNTY RD J
WHITE BEAR LAKE, MN 55110
CONTACT: TRAVIS WILLEMSEN
twillemseen@paulsonclark.com
(651) 407.6056

STRUCTURAL ENGINEER

PAULSON AND CLARK ENGINEERING
2352 E COUNTY RD J
WHITE BEAR LAKE, MN 55110
CONTACT: RICK MERSCH
rmersch@paulsonclark.com
(651) 407.6056



SITE PLAN

NTS



PERSPECTIVE

NTS



CONSULTANT:
OERTEL ARCHITECTS
1795 ST. CLAIR AVENUE
ST. PAUL, MN 55105
(651) 696-5186
www.oertelarchitects.com

REVISIONS / ISSUE

NO.	DATE	DESCRIPTION
0	12/22/22	BID SET

**SOUTH VALLEY PARK
PHASE 1 IMPROVEMENTS**
SOUTH VALLEY PARK
2810 70TH ST E
INVER GROVE HEIGHTS, MN 55076

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

Signature
Thomas Stromsodt

Name
48038 12/22/2022
License # Date

PROJECT NUMBER: 21-07
DATE OF ISSUE: DECEMBER 22, 2022
DRAWN BY: TRS/DCE
CHECKED BY: TRS
SHEET NAME:

TITLE AND INDEX

SHEET NO:

G100



CONSULTANT:

OERTEL
ARCHITECTS
1795 ST. CLAIR AVENUE
ST. PAUL, MN 55105
(651) 696-5186
www.oertelarchitects.com

REVISIONS / ISSUE

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0	12/22/22	BID SET

PROJECT NAME

SOUTH VALLEY PARK
PHASE 1 IMPROVEMENTS
SOUTH VALLEY PARK
2810 70TH ST E
INVER GROVE HEIGHTS, MN 55076

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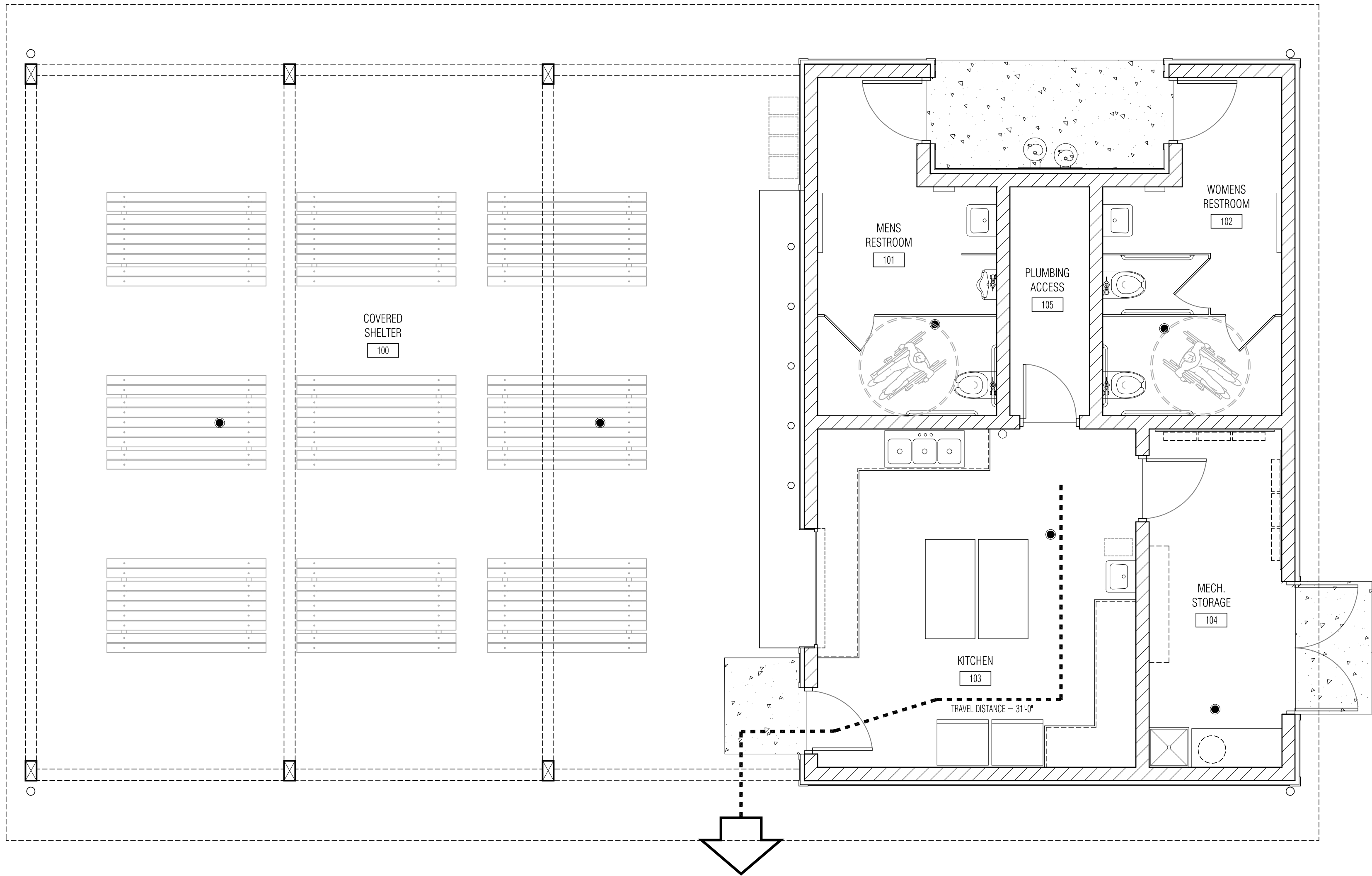
Thomas Stromsodt
Signature

Thomas Stromsodt
Name
48038 12/22/2022
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DRAWN BY: TRS/DCE
CHECKED BY: TRS

SHEET NAME:
CODE PLAN

SHEET NO:
G101



1 CODE PLAN
1/4" = 1'-0" **NORTH**

APPLICABLE CODES:

2020 I.B.C.
2020 MN STATE BLDG. CODE

OCCUPANCY:

A-3 ASSEMBLY - RECREATION

CONSTRUCTION TYPE:

TYPE V-B

FIRE-RESISTIVITY:

IBC TABLE 601 FOR TYPE V-B

STRUCTURAL FRAME
EXTERIOR BEARING WALLS
INTERIOR BEARING WALLS
EXTERIOR NONBEARING WALLS
INTERIOR NONBEARING WALLS
FLOOR CONSTRUCTION
ROOF CONSTRUCTION

0
0
0
0
0
0
0

FIRE RATING
FIRE RATING
FIRE RATING
FIRE RATING
FIRE RATING
FIRE RATING
FIRE RATING

IBC TABLE 602 FOR TYPE V-B

EXTERIOR WALLS

0

BUILDING IS GREATER THAN 30' FROM ALL PROPERTY LINES

FIRE SUPPRESSION:

A FIRE SPRINKLER SYSTEM IS NOT PART OF THIS PROJECT

ALLOWABLE SQUARE FOOTAGE:

ALLOWABLE

A-3 6,000 S.F. / BUILDING FOR V-B

PROPOSED

A-3 2,300 S.F.

ALLOWABLE BUILDING HEIGHT:

ALLOWABLE

A-3 40'-0" ABOVE GRADE PLANE / 1 STORY

PROPOSED

A-3 22'-10" ABOVE GRADE PLANE / 1 STORY

PLUMBING FIXTURES

OCCUPANT LOAD

COVERED PICNIC AREA = 1,329 S.F. / 15 = 89 occupants
KITCHEN AREA = 180 S.F. / 200 = 1 occupant
MECHANICAL/STORAGE = 230 S.F. / 300 = 1 occupant
TOTAL = 91 OCCUPANTS

WATER CLOSET

M: 45.5 / 75 = .6 = 1
PROVIDED 1 TOILET FIXTURE + 1 URINAL FIXTURE
W: 45.5 / 40 = 1.14 = 2
PROVIDE 2 TOILET FIXTURES

LAVATORY

M: 45.5 / 200 = 0.23 = 1
PROVIDED 1 LAVATORY
W: 45.5 / 150 = 0.30 = 1
PROVIDED 1 LAVATORY

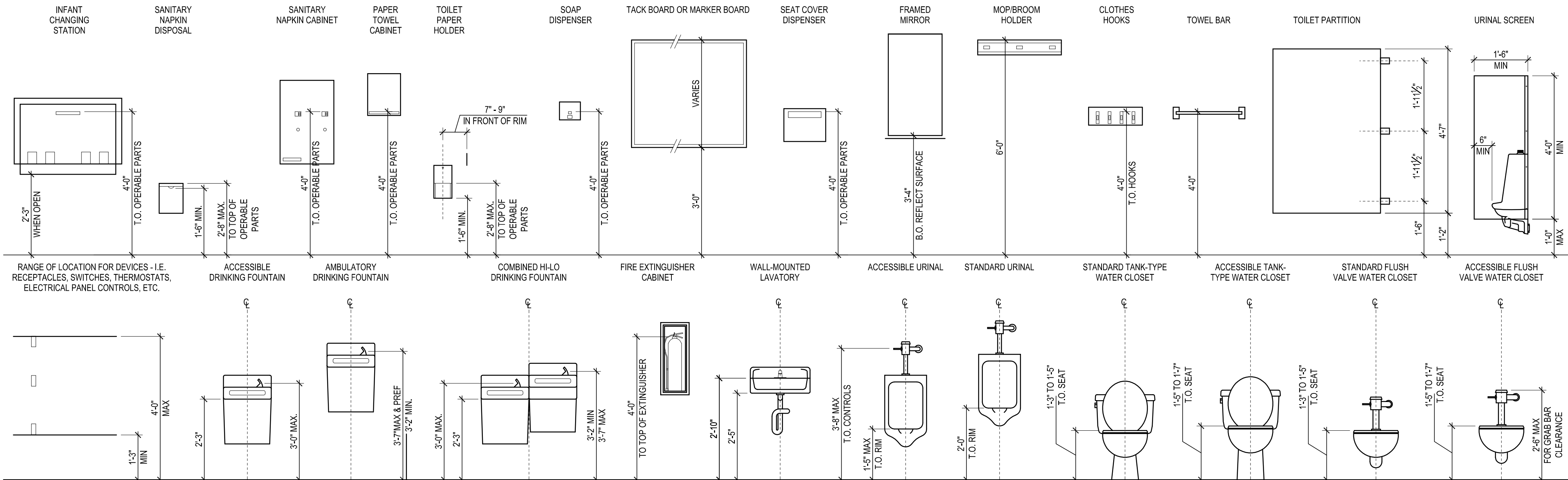
DRINKING FOUNTAINS

91 / 1000 = 0.02 = 1 DRINKING FOUNTAINS
PROVIDED 2 DRINKING FOUNTAINS
1 HI EXTERIOR
1 LO EXTERIOR

SERVICE SINK

1 SERVICE SINK
PROVIDED 1 SERVICE SINK

MOUNTING HEIGHTS



- NOTES:
- FOR ACCESSORIES MOUNTED ABOVE A COUNTER, THE TOP OF OPERABLE PARTS TO BE NO HIGHER THAN 3'-8" A.F.F.
 - SURFACE MOUNTED ACCESSORIES WITH A 4" OR GREATER PROJECTION FROM THE WALL MUST BE MOUNTED IN AN ALCOVE, OVER A COUNTER, OR WITH THE BOTTOM EDGE NO HIGHER THAN 2'-3" A.F.F.
 - PROVIDE AT LEAST 2" CLEARANCE BETWEEN THE TOP OF AN ACCESSORY AND THE BOTTOM OF THE GRAB BAR. PROVIDE AT LEAST 1'-0" CLEARANCE BETWEEN THE BOTTOM OF AN ACCESSORY AND THE TOP OF A GRAB BAR. DOES NOT APPLY TO FULLY RECESSED ACCESSORIES.
 - FOR ACCESSORIES NOT INDICATED OR DIFFERING SUBSTANTIALLY FROM THE DIAGRAMS, CONSULT THE ARCHITECT PRIOR TO INSTALLATION OF BLOCKING/ BACKING.
 - PLUMBING FIXTURES SHOWN ARE DIAGRAMMATIC. SEE PLUMBING FOR SPECIFICATIONS.
 - ALL DIMENSIONS ARE TO FINISHED SURFACE.

GENERAL NOTES

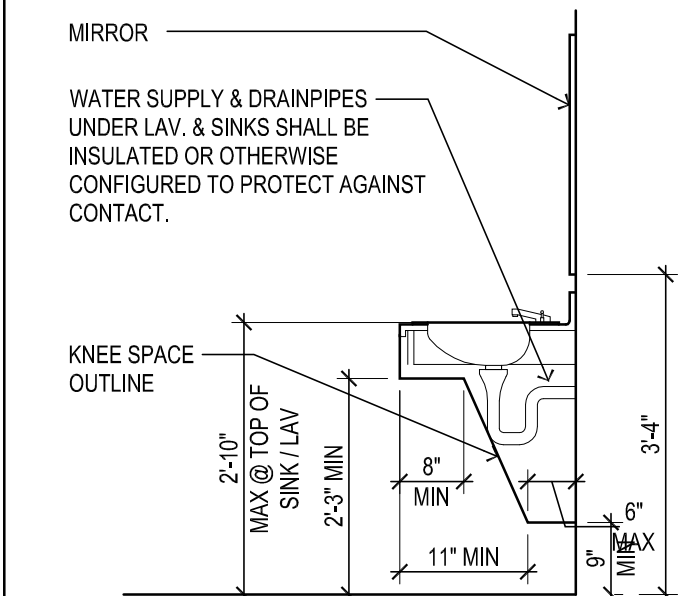
- THE DRAWINGS AND THE SPECIFICATIONS TOGETHER REPRESENT THE CONSTRUCTION DOCUMENTS AND, AS SUCH, MUST BE USED TOGETHER AS THE BASIS OF DESIGN. THE CONTRACTOR IS SPECIFICALLY INSTRUCTED NOT TO LIMIT THEIR UNDERSTANDING OF THE SCOPE OF THIS PROJECT BASED UPON THE SPECIFICATION OR DRAWING INDEX.
- THE CONTRACTOR IS RESPONSIBLE TO REVIEW ALL INFORMATION IN BOTH THE DRAWINGS AND THE SPECIFICATION AND IS REQUIRED TO PROVIDE ALL DEFINED, AND REASONABLY IMPLIED, SCOPE OF WORK NO MATTER WHERE IT APPEARS IN THE CONSTRUCTION DOCUMENTS AS WELL AS ANY FORMALLY PROVIDED MODIFICATIONS, CLARIFICATIONS, ADDENDUMS AND/OR OTHER INFORMATION PERTAINING TO THE UNDERSTANDING OF THE SCOPE OF WORK.
- REFER TO ALL DRAWINGS INCLUDING ARCHITECTURAL, SITE, STRUCTURAL, FIRE PROTECTION, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS AND SYMBOLS.
- ALL DRAWINGS ARE OF EQUAL IMPORTANCE IN DEFINING THE WORK OF THE CONTRACT DOCUMENTS. CONTRACTORS SHALL REVIEW ALL DRAWINGS BEFORE THE INSTALLATION OF THEIR WORK. SHOULD THERE BE A DISCREPANCY WITHIN AND BETWEEN THE DRAWINGS THAT WOULD CAUSE AN AWKWARD OR IMPROPER INSTALLATION, NOTIFY ARCHITECT FOR CLARIFICATION PRIOR TO INSTALLATION OF SAID WORK.
- DO NOT SCALE DRAWING. THE DRAWINGS ARE NOT NECESSARILY TO SCALE - USE GIVEN DIMENSIONS. CONTRACTORS SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO THE START OF CONSTRUCTION. IF DISCREPANCIES ARE FOUND, NOTIFY ARCHITECT FOR CLARIFICATION BEFORE COMMENCING WORK.
- ALL EXTERIOR DIMENSIONS ARE GIVEN FROM THE EXTERIOR FACE OF MASONRY WALLS. INTERIOR DIMENSIONS ARE GIVEN TO FINISH FACE OF WALL. ALL WALL AND PARTITION THICKNESS ARE NOMINAL. SEE WALL SECTIONS AND PARTITION TYPES FOR EXACT CONSTRUCTION.
- ALL FIRE PROTECTION, MECHANICAL, ELECTRICAL AND PLUMBING PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE SLEEVED AND FIRESAFED AND/OR HAVE FIRE DAMPERS EQUIVALENT TO THE HOURLY FIRE RATINGS OF THE CONSTRUCTION. FIRE RATINGS WILL BE IDENTIFIED WITHIN THESE DOCUMENTS.
- DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- CONTRACTORS SHALL PROVIDE STIFFENERS, BRACINGS, BACKING PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE PROPER INSTALLATION OF ALL CASEWORK, AND MISCELLANEOUS EQUIPMENT WHETHER SUCH SUPPORTS ARE SHOWN OR NOT.
- INSTALL ALL RECESSED CABINETS, PANELS, BOXES LOCATED IN FIRE RATED PARTITIONS TO MAINTAIN THE FIRE RATED CONSTRUCTION.
- GC SHALL COORDINATE ALL FIRE PROTECTION, MECHANICAL, PLUMBING AND ELECTRICAL, FLOOR, ROOF AND WALL SLEEVES AND SHAFTS WITH MECHANICAL, PLUMBING, FIRE PROTECTION, ELECTRICAL, STRUCTURAL AND ARCHITECTURAL DRAWINGS.
- REFER TO PROJECT MANUAL AND TECHNICAL SPECIFICATION TO SUPPLEMENT THESE DRAWINGS.

DRAWING SYMBOL SCHEDULE

	ENLARGED DETAIL SYMBOL		EXTERIOR ELEVATION SYMBOL
	SECTION CUT SYMBOL		WALL TYPE
	ELEVATION SYMBOL		WINDOW TYPE
	GRID LINE SYMBOL		KEYNOTE
	INTERIOR ELEVATION SYMBOL		REVISION SYMBOL

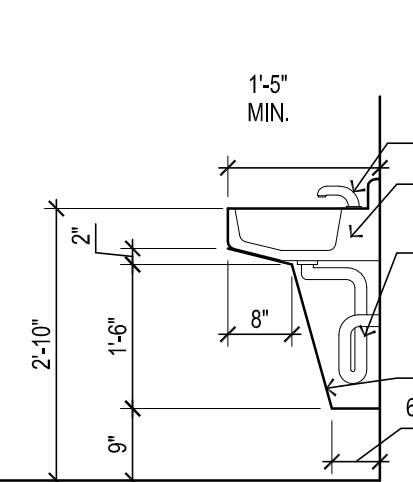
ACCESSIBLE GRAB BAR REQUIREMENTS

ACCESSIBLE VANITY TOP

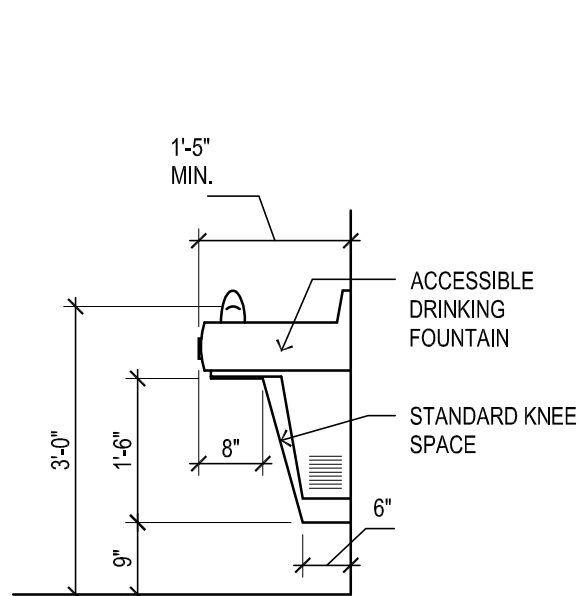


WALL-MOUNTED ACCESSIBLE LAVATORY

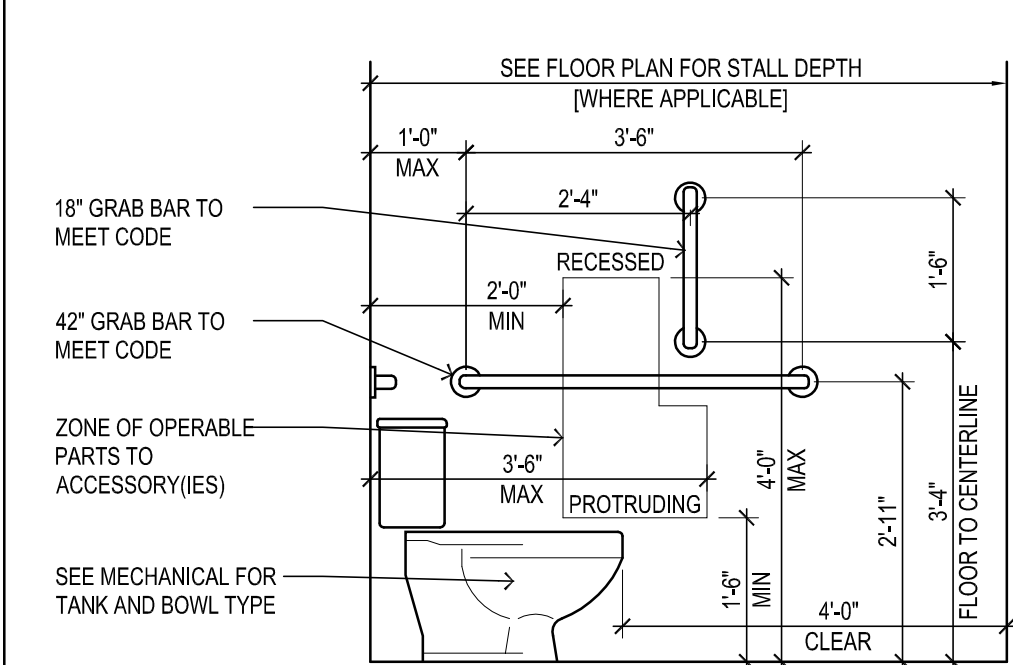
NOTE:
FOR COUNTER-SET LAVATORIES AND SINKS, SEE CASEWORK DETAILS.



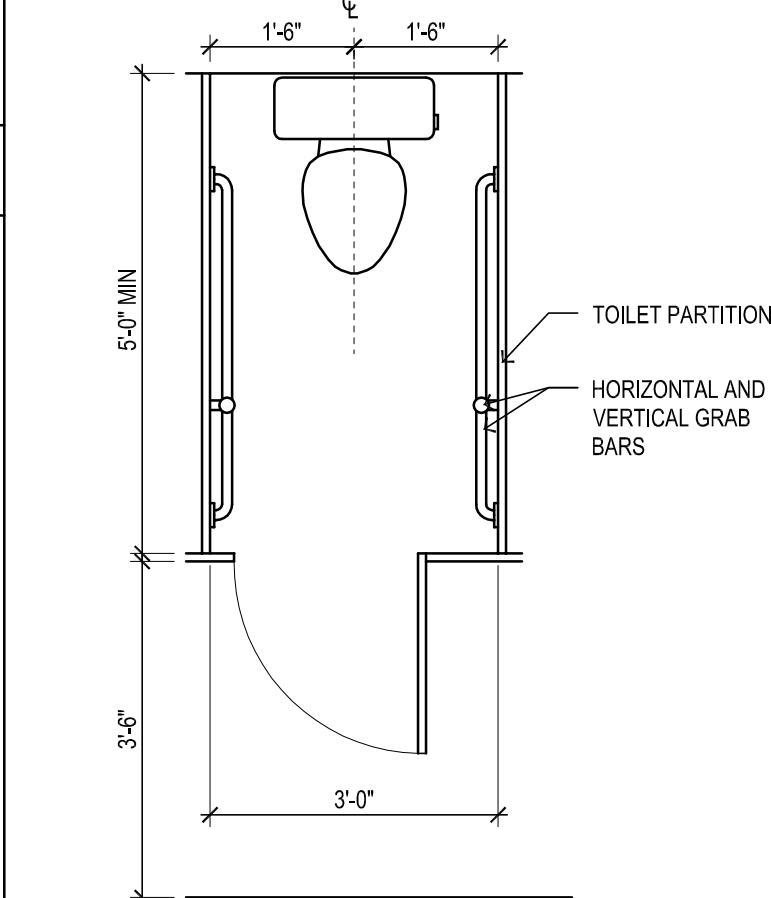
ACCESSIBLE DRINKING FOUNTAIN



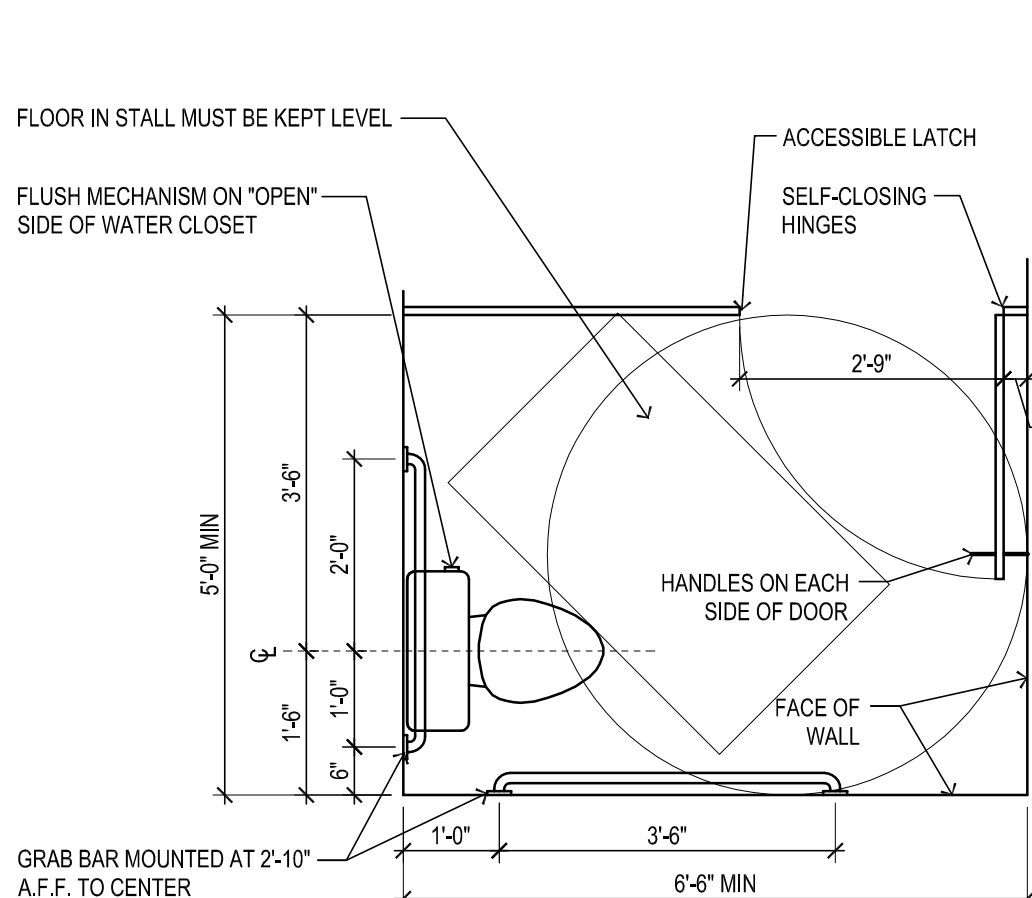
TYPICAL 5'-0" WIDE STALL MEETING ANS-H117.1 (AND LOCAL CODE REQUIREMENTS WHERE APPLICABLE)



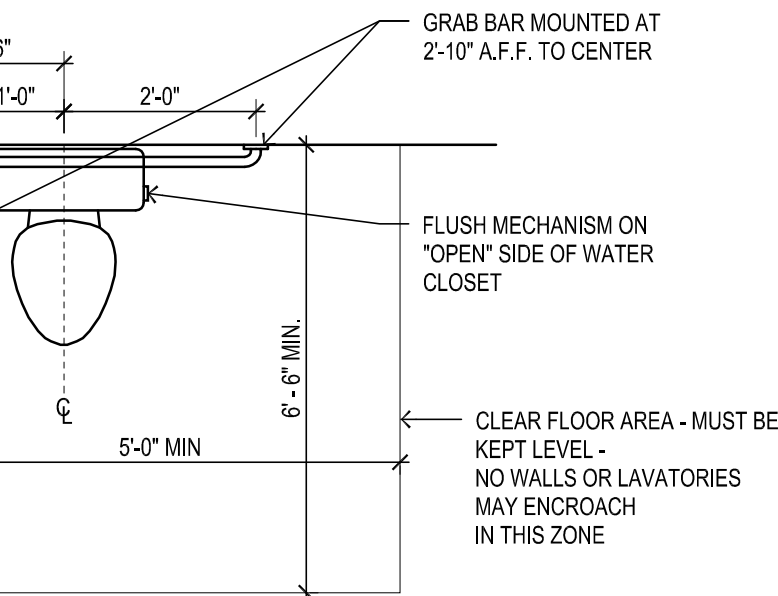
AMBULATORY TOILET STALL



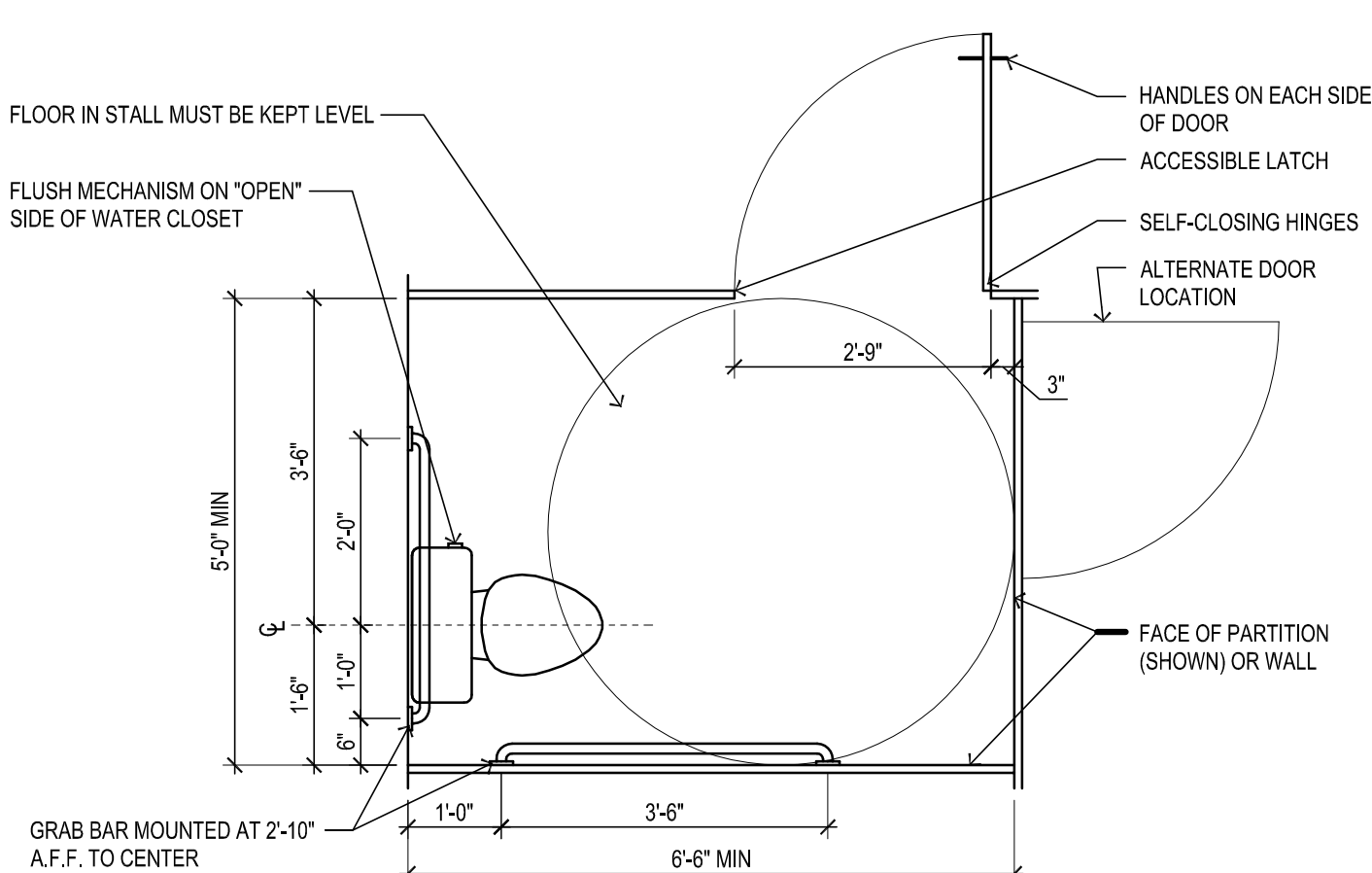
ACCESSIBLE TOILET STALL WITH IN-SWINGING DOOR



PUBLIC TOILET IN SINGLE USER ACCESSIBLE RESTROOM



ACCESSIBLE TOILET STALL WITH OUT-SWINGING DOOR



ABBREVIATIONS

ABV	ABOVE
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJACENT
AF	ABOVE FINISH FLOOR
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECT / ARCHITECTURAL
BD	BOARD
BO	BOTTOM OF
BOT	BOTTOM
CIP	CAST IN PLACE CONCRETE MASONRY UNIT
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CPT	CARPET
DEMO	DEMOLISH
DF	DRINKING FOUNTAIN
DIV	DIVISION
DWG	DRAWING
EA	EACH
EIFS	EXTERIOR INSULATED FINISH SYSTEM
ELEC	ELECTRIC / ELECTRICAL
ENG	ENGINEER
EOP	EQUIPMENT
FDC	FIRE DEPARTMENT CONNECTION
FF	FINISH FLOOR
FFE	FINISH FLOOR ELEVATION
FIN	FINISH/FINISHED
FO	FACE OF
FRP	FIBER REINFORCED PANEL
GA	GAUGE
GYP	GYPSUM
GYP BD	GYPSUM BOARD
HDW	HARDWARE
HDWD	HARDWOOD
ID	INSIDE DIAMETER / DIMENSION
INSUL	INSULATION / INSULATED
INT	INTERIOR
LAV	LAVATORY
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MIN	MINIMUM
MIR	MIRROR
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NOM	NOMINAL
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OPP	OPPOSITE
PREFIN	PREFINISHED
PLAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PREFAB	PREFABRICATED
QTY	QUANTITY
RB	RUBBER BASE
RCP	REFLECTED CEILING PLAN
REF	REFER
REQ	REQUIRED
REV	REVISION/REVISE
RM	ROOM
RO	ROUGH OPENING
SCHED	SCHEDULE
SF	SQUARE FEET
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STRUCT	STRUCTURE / STRUCTURAL
T&G	TONGUE AND GROOVE
TEMP	TEMPORARY
T.O.	TOP OF
TYP	TYPICAL
UNO	UNLESS OTHERWISE NOTED
VB	VINYL BASE
VCT	VINYL COMPOSITE TILE
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WDW	WINDOW

@	AT
&	AND
¢	CENTERLINE
Ø	DIAMETER
#	NUMBER
/	PER
±	PLUS OR MINUS



CONSULTANT:

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ARCHITECTS
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NO.	DATE	DESCRIPTION	BID SET
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SOUTH VALLEY PARK PHASE 1 IMPROVEMENTS

SOUTH VALLEY PARK
2810 70TH ST E
INVER GROVE HEIGHTS, MN 55076

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

Signature
Thomas Stromsdot

Name
Thomas Stromsdot

48038 12/22/2022
License # Date

PROJECT NUMBER: 21-07

DATE OF ISSUE: DECEMBER 22, 2022

DRAWN BY: TRS/DCE

CHECKED BY: TRS

SHEET NAME:

GENERAL INFORMATION

SHEET NO:

G102



CONSULTANT:



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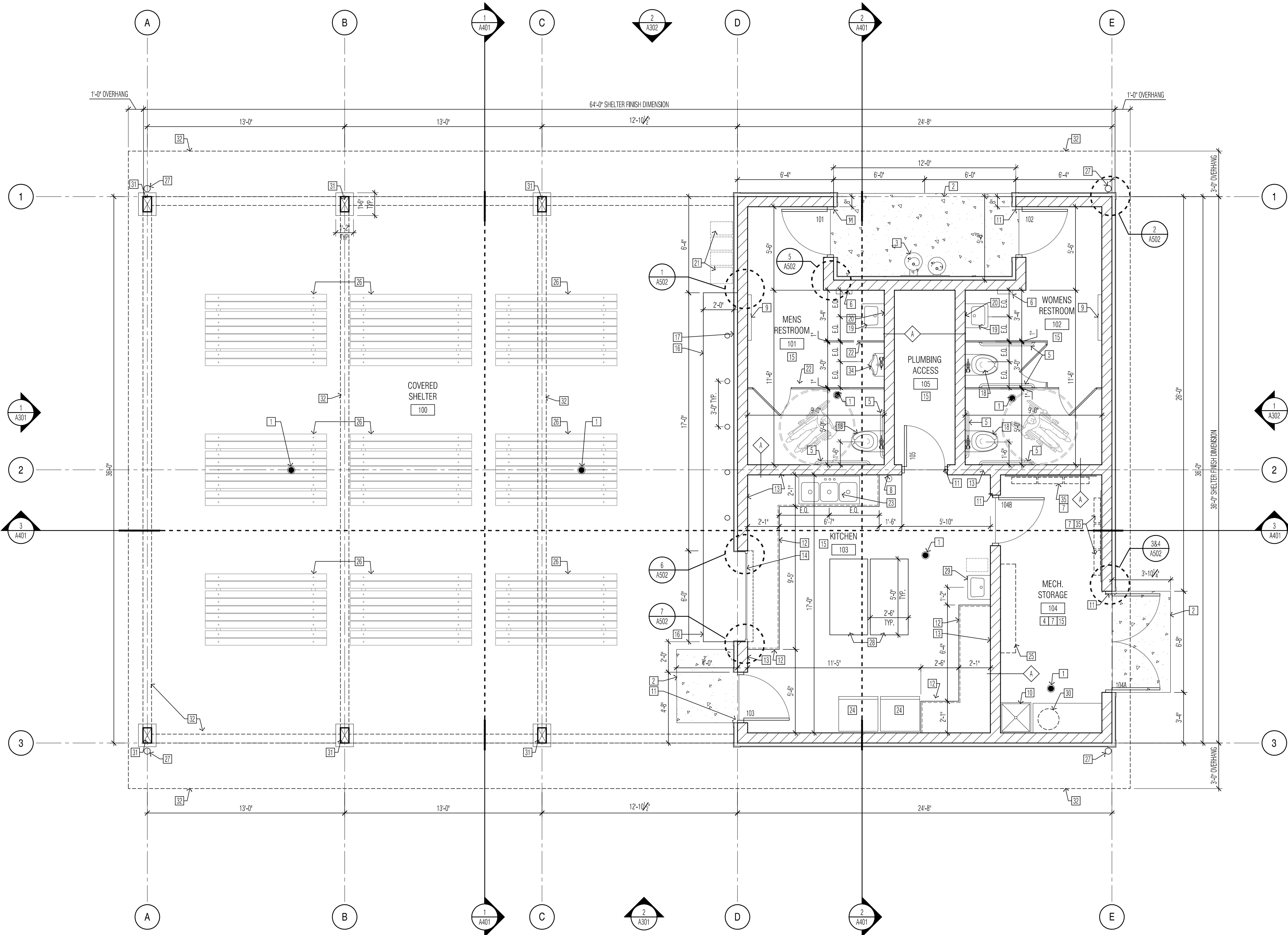
CHECKED BY: TRS

SHEET NAME:

FLOOR PLAN

SHEET NO.:

A101



FLOOR PLAN NOTES:

- AREA DRAIN. AT RESTROOM LOCATIONS SLOPE ENTIRE FLOOR TO DRAIN. AT ALL OTHER LOCATIONS PROVIDE 2'-0" DIAMETER PITCH POCKET AROUND DRAIN - SEE MECH.
- REINF. CONCRETE STOOP - SEE STRUCTURAL
- WALL MOUNTED DUAL HEIGHT, ACCESSIBLE WATER COOLER - SEE MECH. INSTALL PER MIN STATE ACCESSIBILITY CODE, SECTION 1341
- PROVIDE 4" HIGH CONC. HOUSEKEEPING PAD FOR ALL MECHANICAL EQUIPMENT - VERIFY ACTUAL SIZE BASED ON MECHANICAL EQUIPMENT SUBMITTALS
- PROVIDE GRAB BARS PER MIN STATE ACCESSIBILITY CODE - SECTION 1341
- ELECTRIC HAND DRYERS (4" MAX. PROJECTION PER ADA) - SEE ELECTRICAL
- PROVIDE (96) SQUARE FEET OF 3/4" PLYWOOD BACKER @ WALLS FOR MOUNTING OF EQUIPMENT AS REQUIRED-VERIFY LOCATION IN FIELD WITH SUPPLIERS (PAINT)
- WALL MOUNTED FIRE EXTINGUISHER
- WALL MOUNTED INFANT CHANGING STATION PER MIN STATE ACCESSIBILITY CODE (4" MAX. PROJECTION PER ADA)
- UTILITY FLOOR SINK w/ FRP SURROUND UP TO 48" ABOVE FINISHED FLOOR @ (2) SIDES
- H.M. DOOR AND FRAME, PAINT - SEE DOOR SCHEDULE FOR MORE INFORMATION
- SOLID SURFACE COUNTER AND BACK SPLASH WITH PLAM. BASE CABINETS
- EXPOSED BURNISHED BLOCK WALL FINISH
- INSULATED STAINLESS STEEL ROLL UP SERVICE COUNTER DOOR
- INSULATED CONCRETE SLAB ON GRADE WITH IN-FLOOR HEAT. SEE FINISH SCHEDULE FOR FLOOR FINISH - SEE STRUCTURAL AND MECH. FOR MORE INFORMATION
- SOLID SURFACE COUNTERTOP WITH CONCEALED MTL. BRACKETS AND 2" DIA. CORD DROPS
- PREFINISHED HIBBED STEEL SIDING ACCENT BEHIND SERVING COUNTER - SEE INTERIOR ELEVATIONS
- FLOOR MOUNTED TOILET FIXTURE - SEE MECH.
- WALL MOUNTED PORCELAIN SINK WITH ADA COMPLIANT PIPE PROTECTION
- 2' x 3' MIRROR WITH STAINLESS STEEL FRAME
- RECYCLING BIN SPACE
- PREFINISHED TOILET STALL, PARTITIONS AND URINAL DIVIDER
- 3 COMPARTMENT DROP IN STAINLESS STEEL SINK
- (2) OWNER PROVIDED REFRIGERATORS (SHOWN FOR REFERENCE ONLY)
- (3) HEAVY-DUTY PLYWOOD SHELVES WITH ADJUSTABLE TRACK SYSTEM - BY CONTRACTOR
- OWNER PROVIDED PICNIC TABLES (SHOWN FOR REFERENCE ONLY)
- PREFINISHED GALVANIZED STEEL DOWNSPOUTS - SECURE BACK TO SHELTER/GLULAM STRUCTURE
- STAINLESS STEEL MOBILE ISLAND COUNTER WITH SHELF STORAGE BELOW - BY CONTRACTOR
- WALL MOUNTED STAINLESS STEEL SINK WITH ADA COMPLIANT PIPE PROTECTION
- WATER HEATER - SEE MECH.
- EXPOSED PREFINISHED ARCHITECTURAL GLULAM FRAMES - SEE STRUCTURAL
- DASHED LINE INDICATES ROOF/GLULAM FRAME ABOVE
- NOT USED
- WALL MOUNTED URINAL FIXTURE - SEE MECH.
- SHELTER CONTROLS - SEE MECH. AND ELEC.

1 FLOOR PLAN

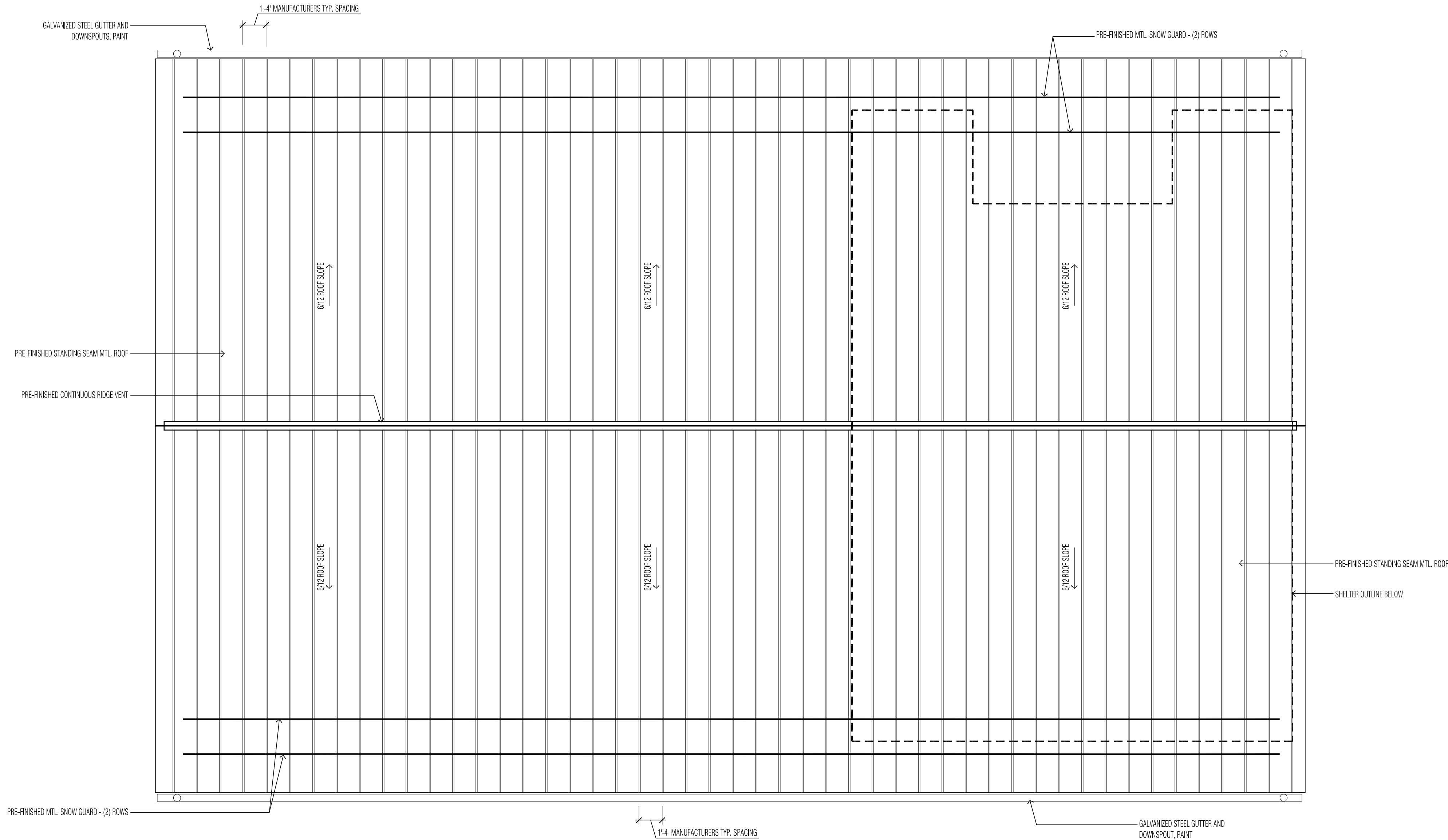
1/4" = 1'-0"



WALL TYPES:
A 8" C.M.U. - PROVIDE BURNISHED BLOCK FINISH IN KITCHEN AND RESTROOM AREAS. ALL OTHER ROOMS CAN BE STANDARD GRAY BLOCK PAINTED.

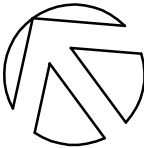
NOTE:

- ALL WALLS ARE FULL-HEIGHT, TO UNDERSIDE OF CEILING
- TYP. WALL DIMENSIONS ARE TO FACE OF BLOCK
- PROVIDE MOISTURE RESISTANT GYP. BOARD AT RESTROOMS AND KITCHEN



1 ROOF PLAN

1/4" = 1'-0"

 NORTH



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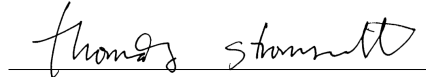
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**SOUTH VALLEY PARK
PHASE 1 IMPROVEMENTS**

SOUTH VALLEY PARK
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Signature

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Name

48038 12/22/2022
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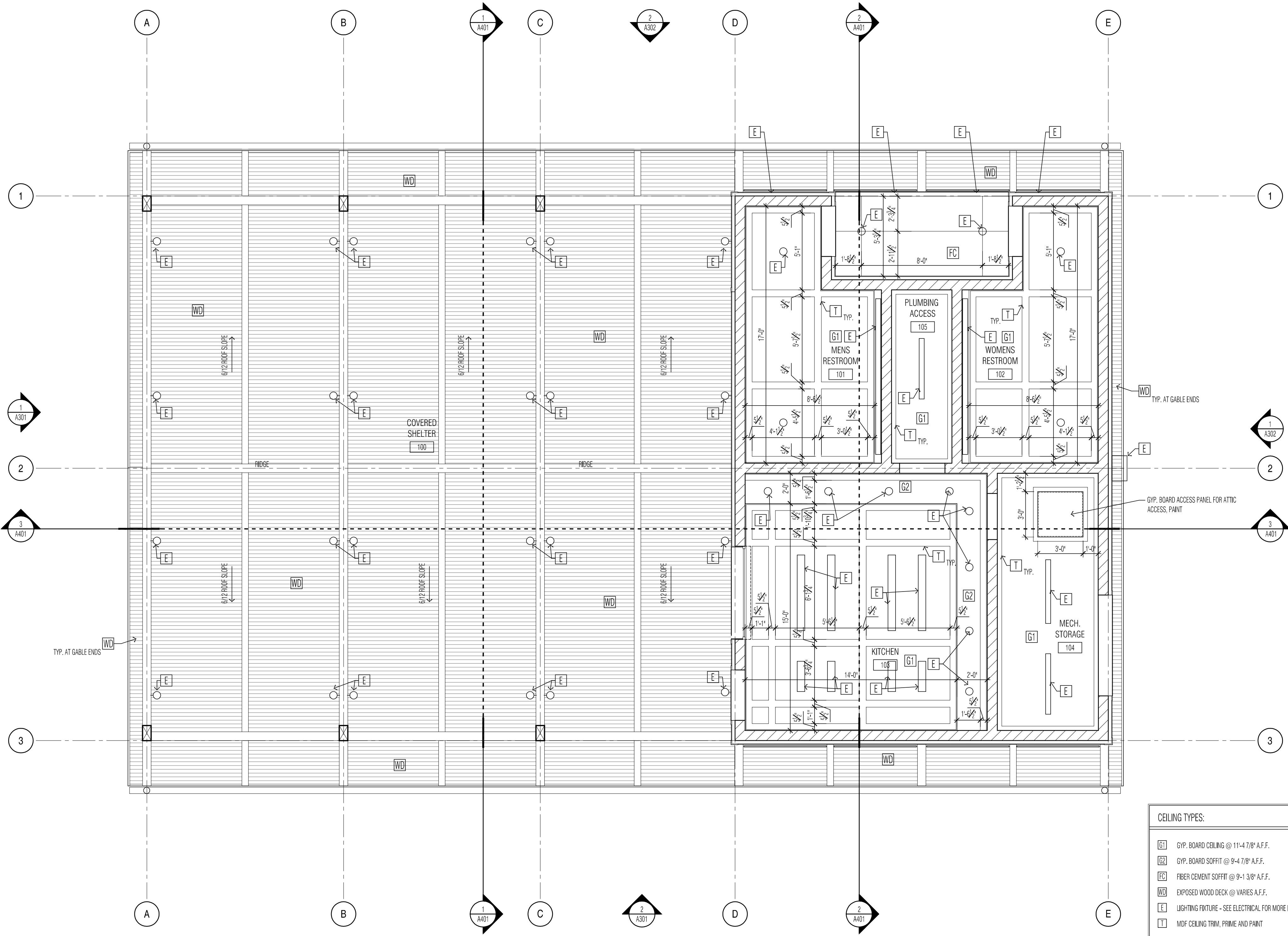
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SHEET NAME:

ROOF PLAN

SHEET NO:

A102



1 REFLECTED CEILING PLAN
1/4" = 1'-0"



CEILING TYPES:	
G1	GYP. BOARD CEILING @ 11'-4 7/8" A.F.F.
G2	GYP. BOARD SOFFIT @ 9'-4 7/8" A.F.F.
F1	FIBER CEMENT SOFFIT @ 9'-1 3/8" A.F.F.
WD	EXPOSED WOOD DECK @ VARIES A.F.F.
E	LIGHTING FIXTURE - SEE ELECTRICAL FOR MORE INFORMATION
T	MOF CEILING TRIM, PRIME AND PAINT



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SHEET NAME:

REFLECTED CEILING PLAN

SHEET NO:

A201



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signature

lame

18038

license #

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DECEMBER 22, 2022

DRAWN BY: _____

CHECKED BY: _____

SHEET NAME:

EXTERIOR ELEVATIONS

SHEET NO:

A301



SOUTHWEST

$$1/4'' = 1'-0''$$


NORTHWEST

$$1/4'' = 1'-0''$$



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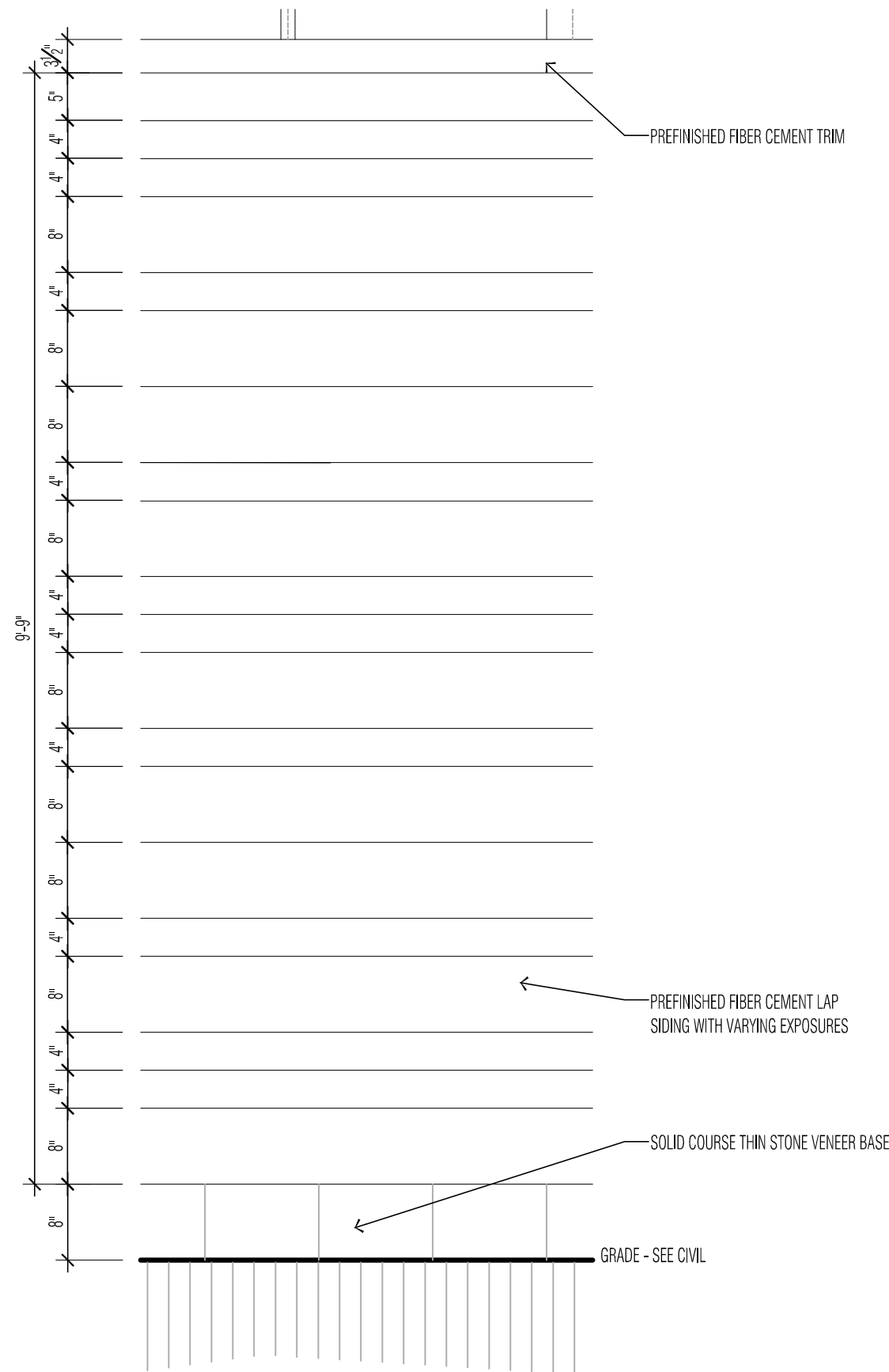
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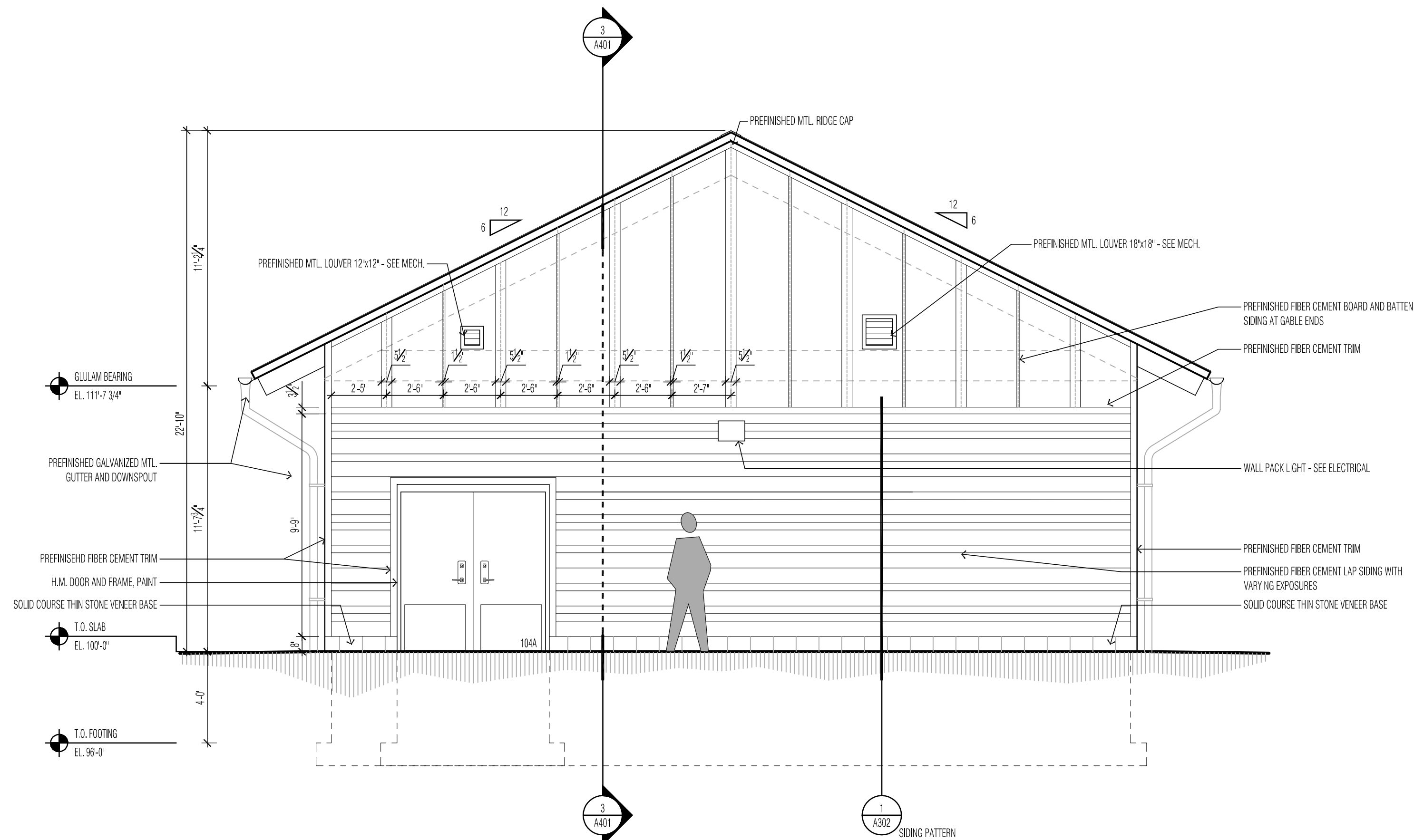
**EXTERIOR
ELEVATIONS**

SHEET NO:

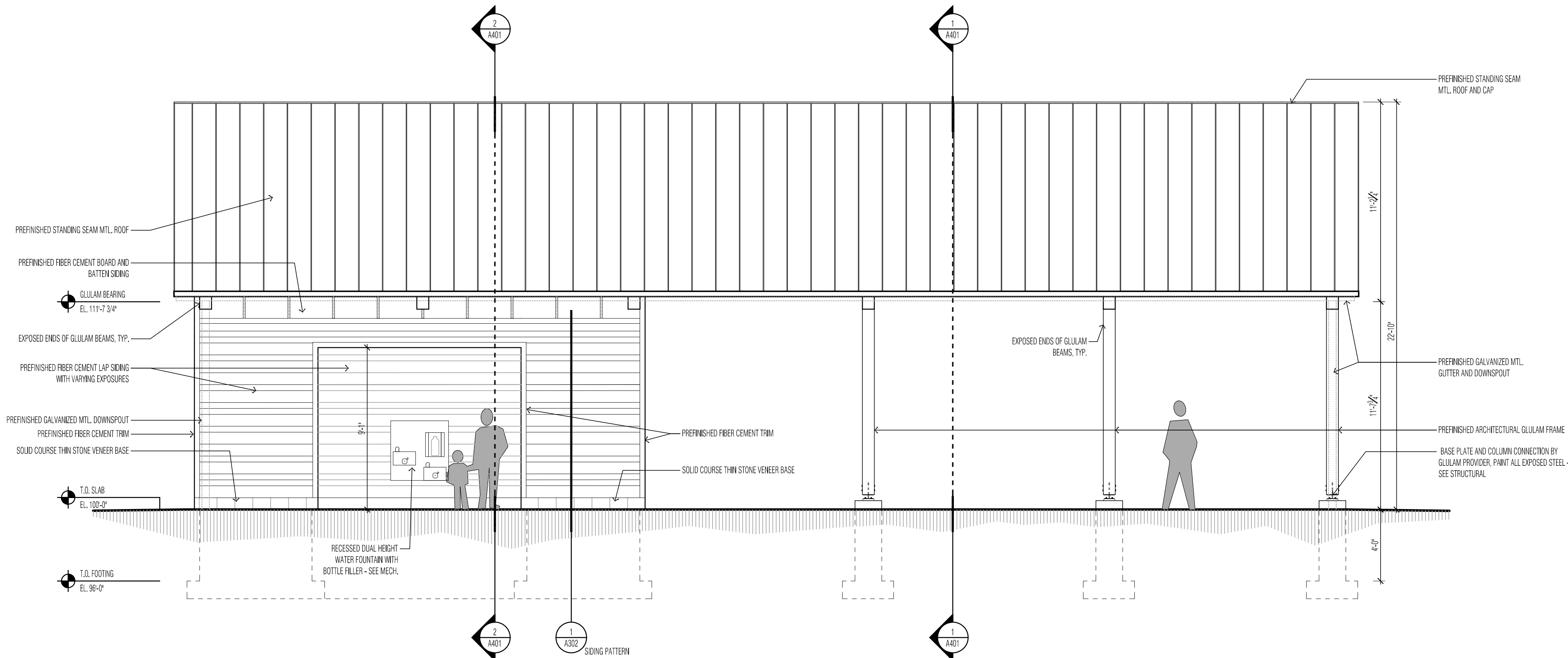
A302



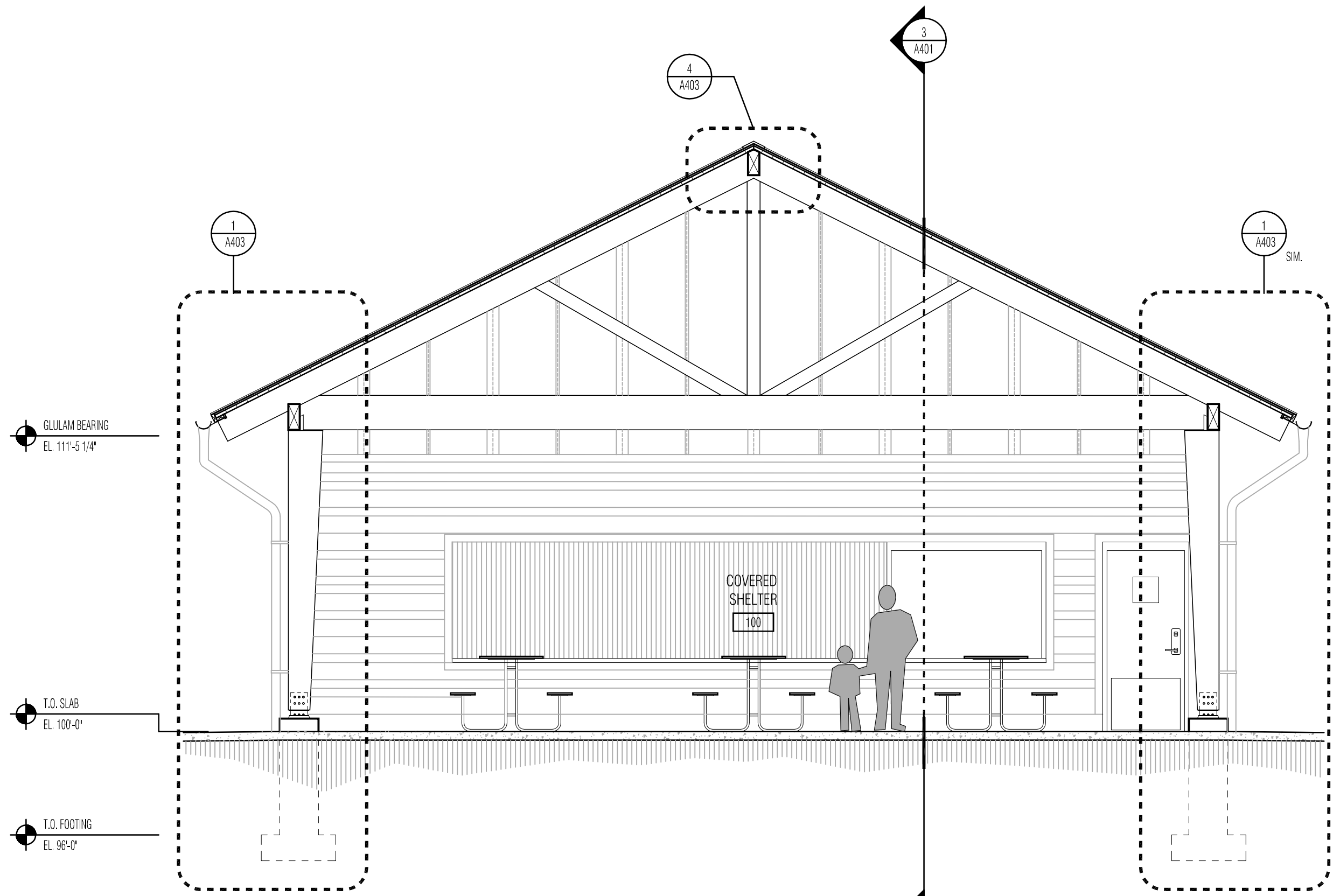
1 ENLARGED ELEVATION
SIDING EXPOSURE PATTERN 3/4" = 1'-0"



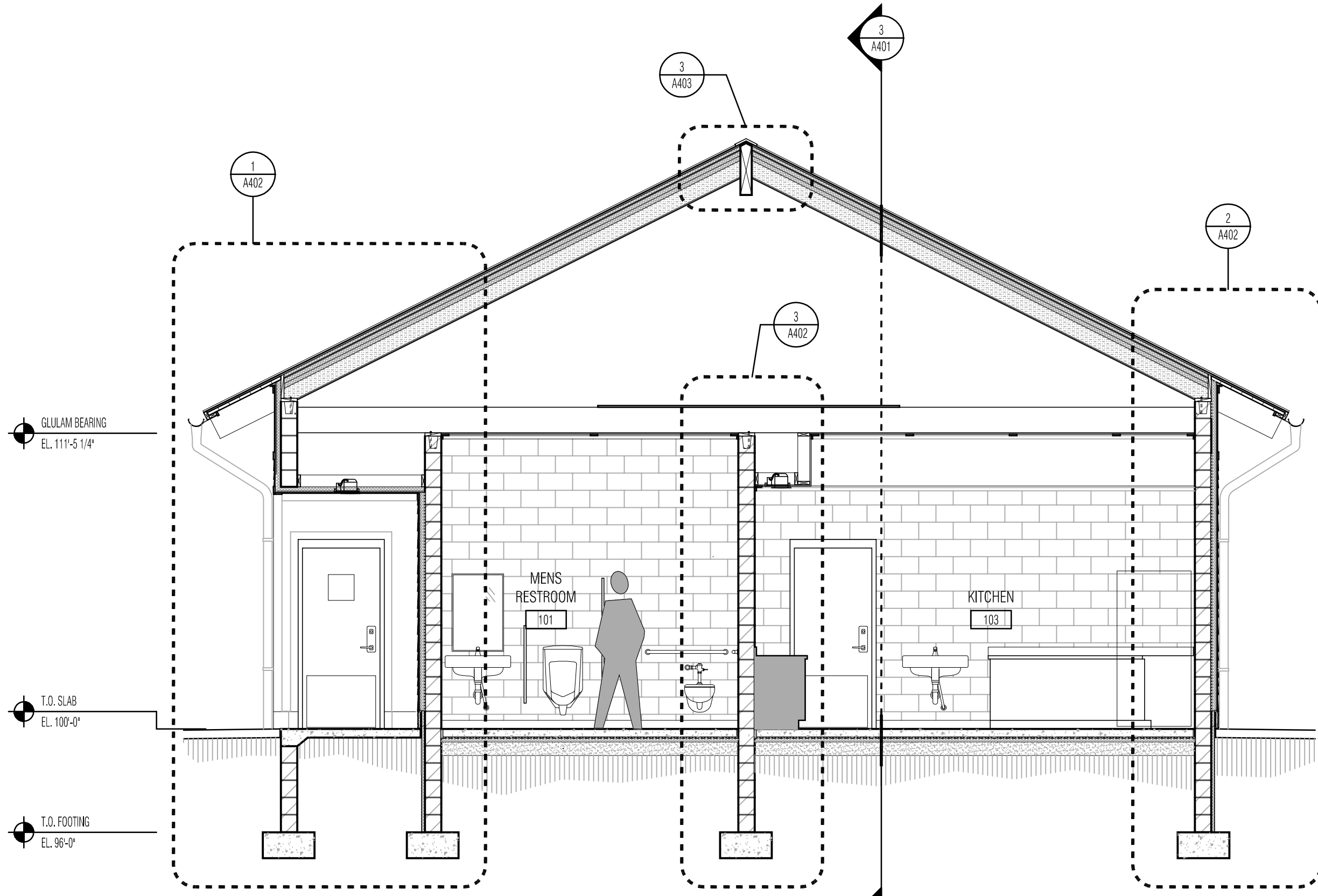
2 EXTERIOR ELEVATION
NORTHEAST 1/4" = 1'-0"



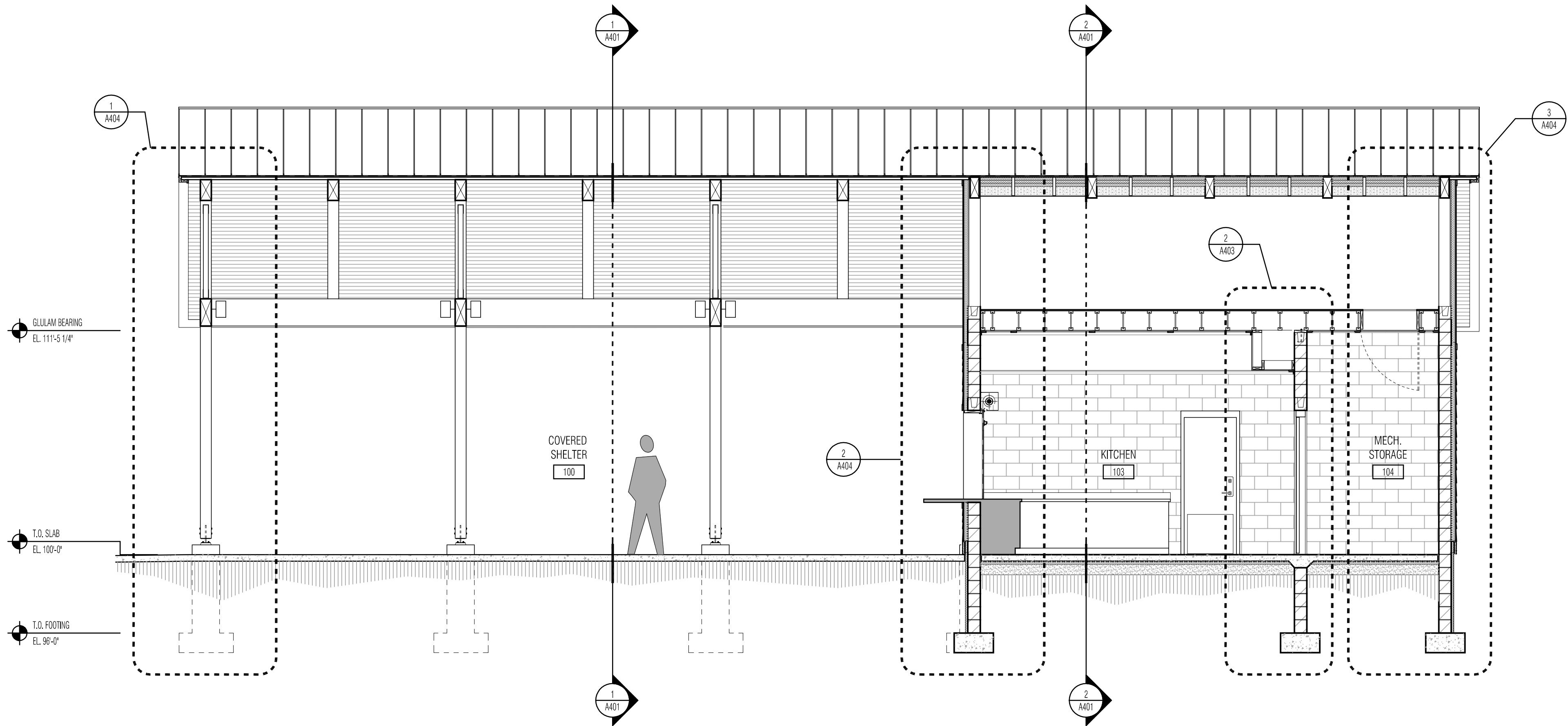
3 EXTERIOR ELEVATION
SOUTHEAST 1/4" = 1'-0"



1 SECTION
LOOKING WEST
1/4" = 1'-0"



2 SECTION
LOOKING WEST
1/4" = 1'-0"



3 SECTION
LOOKING NORTH
1/4" = 1'-0"



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Thomas Stromsodt
Signature

Thomas Stromsodt

Name

48038 12/22/2022

License # Date

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SHEET NAME:

**SHELTER
SECTIONS**

SHEET NO:

A401



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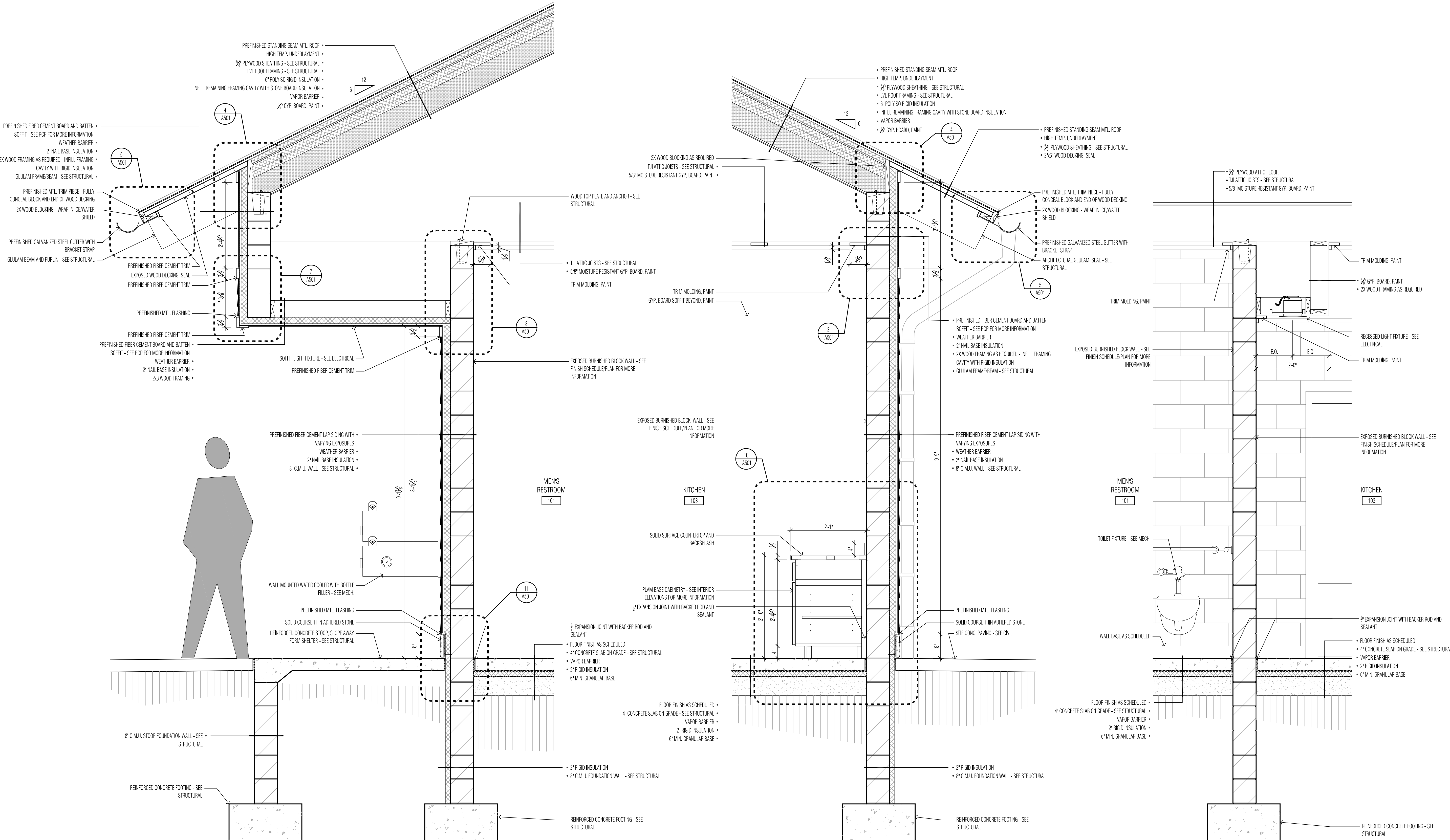
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SHEET NAME:

WALL SECTIONS

SHEET NO:

A402





CONSULTANT:



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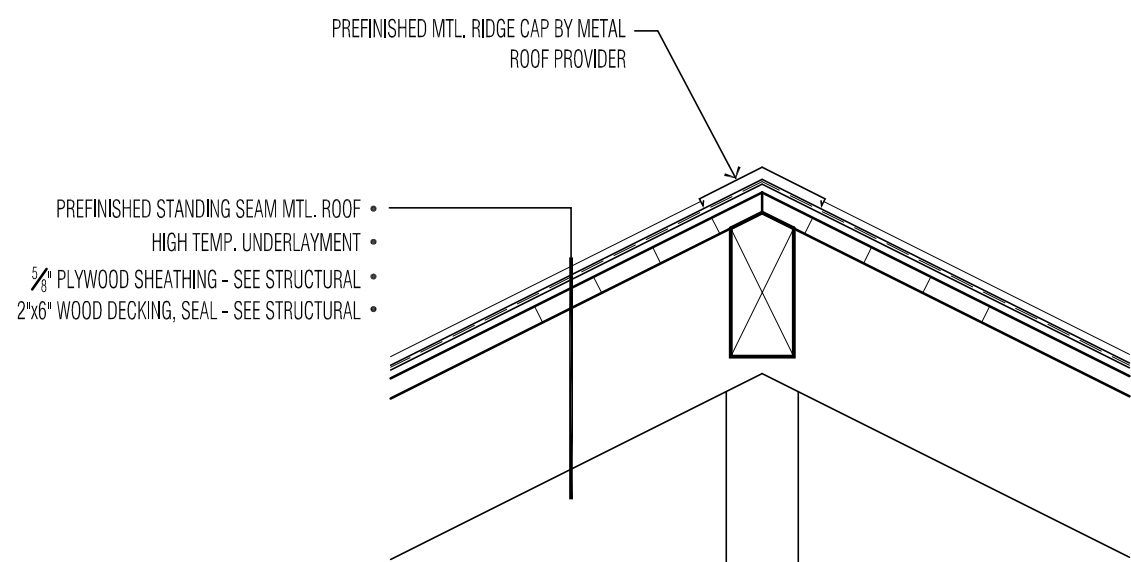
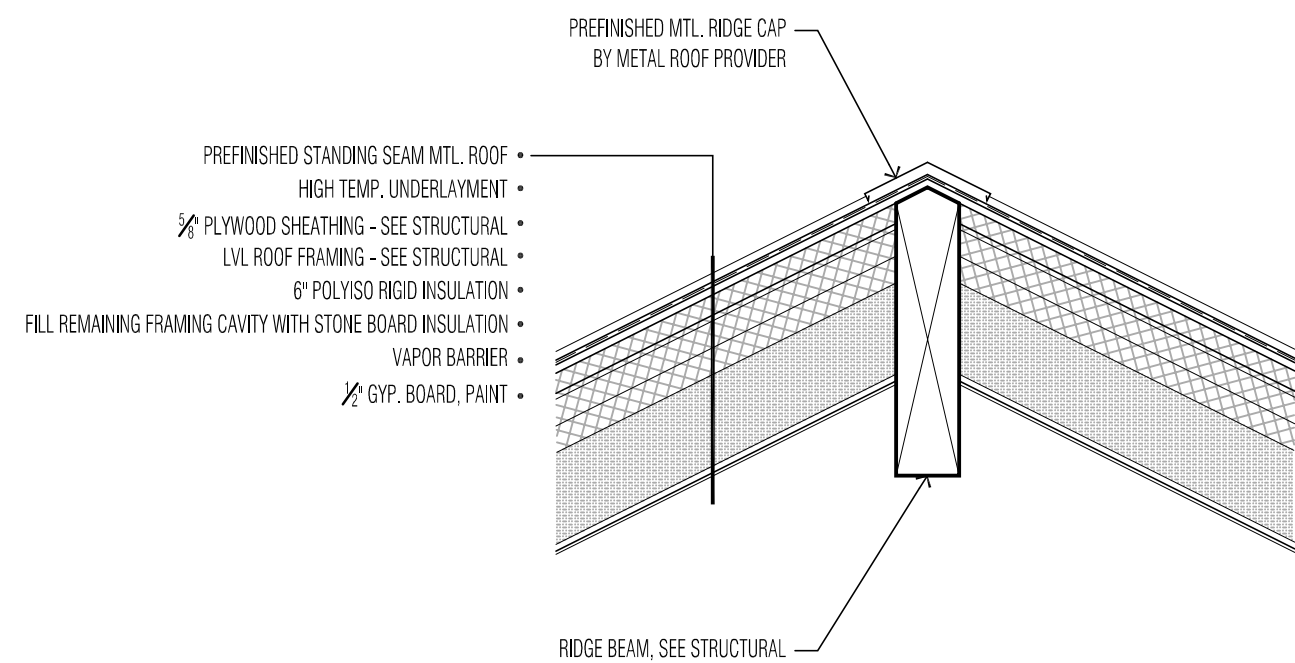
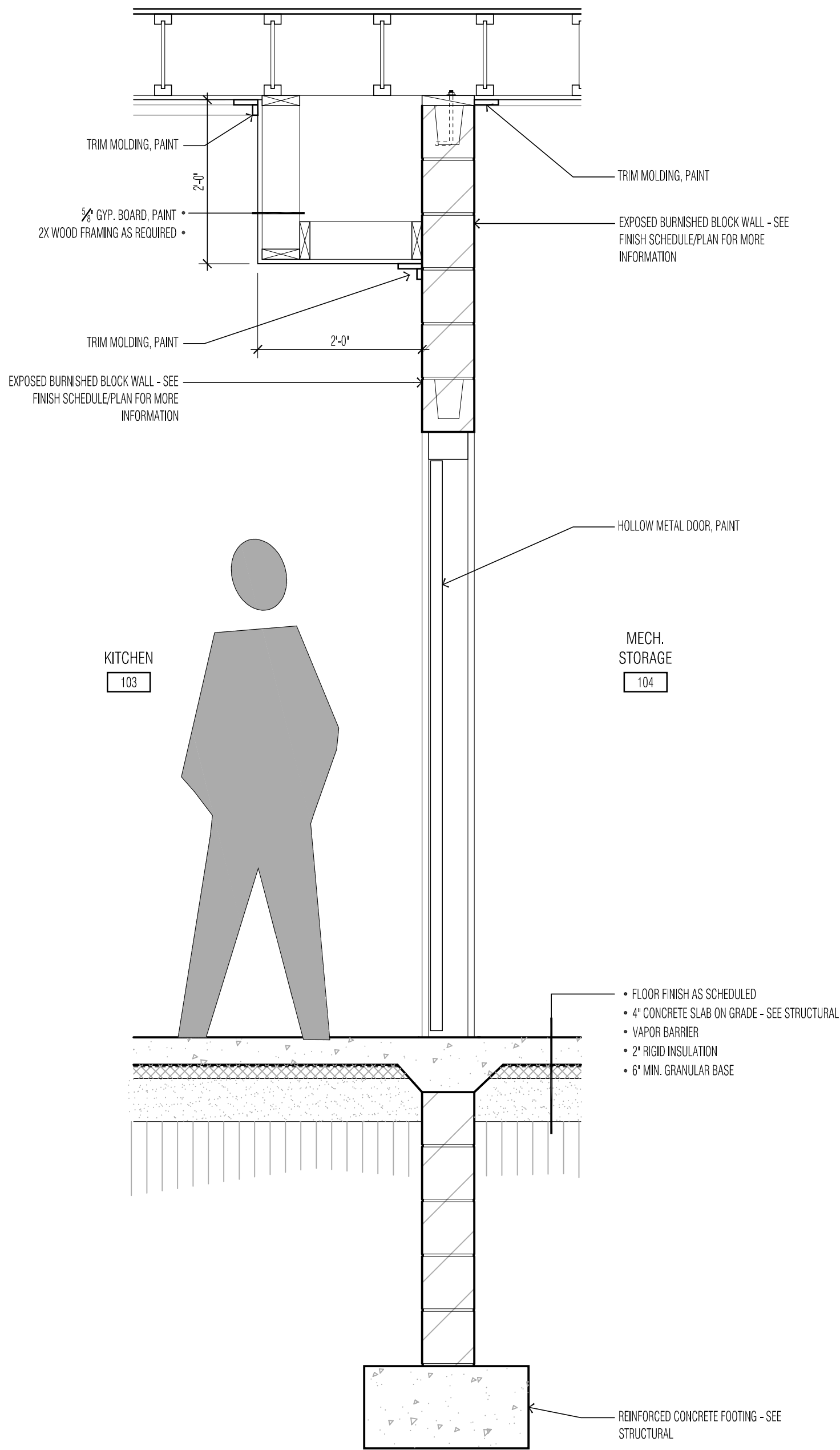
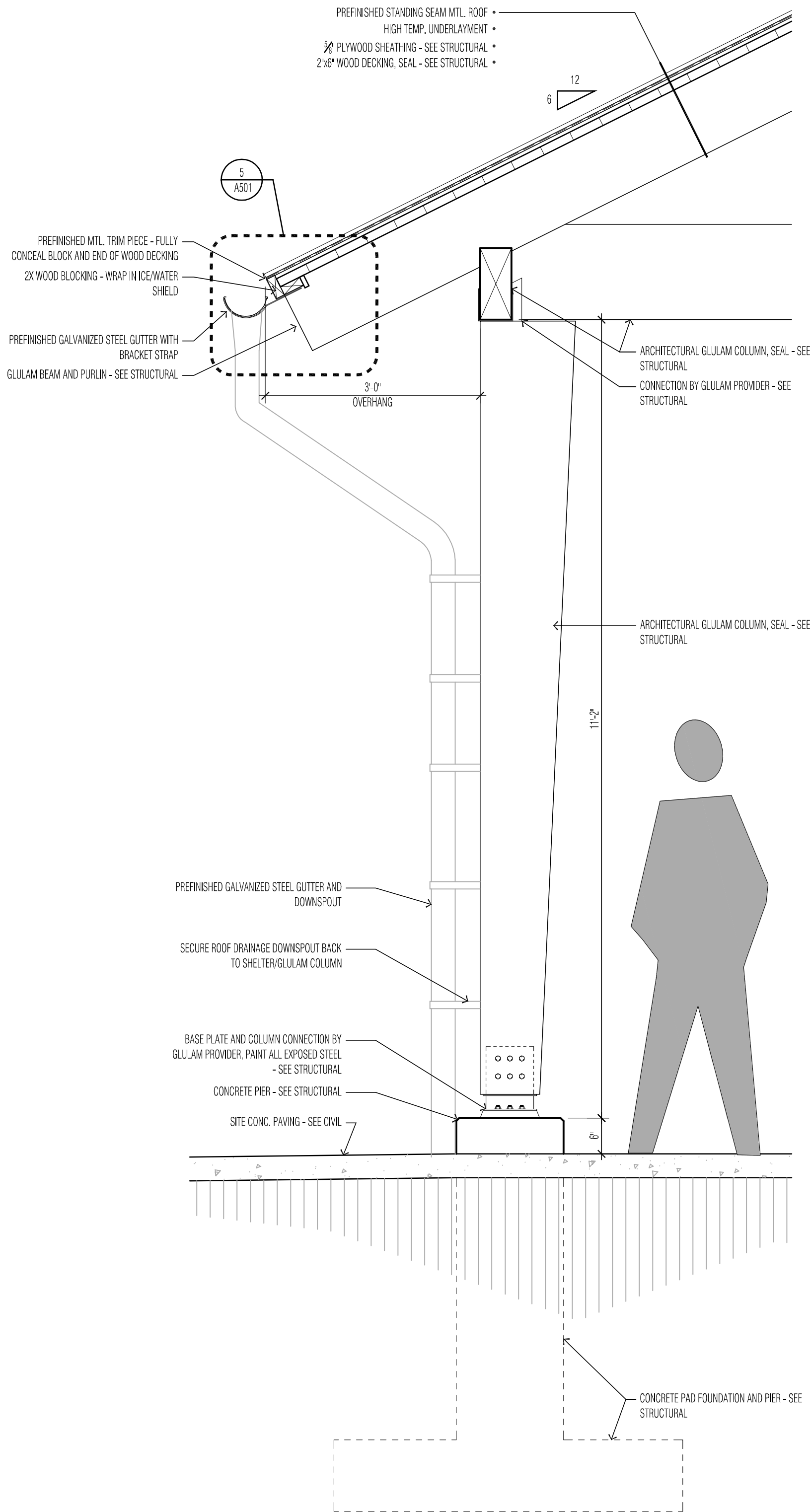
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SHEET NAME:

WALL SECTIONS

SHEET NO:

A403



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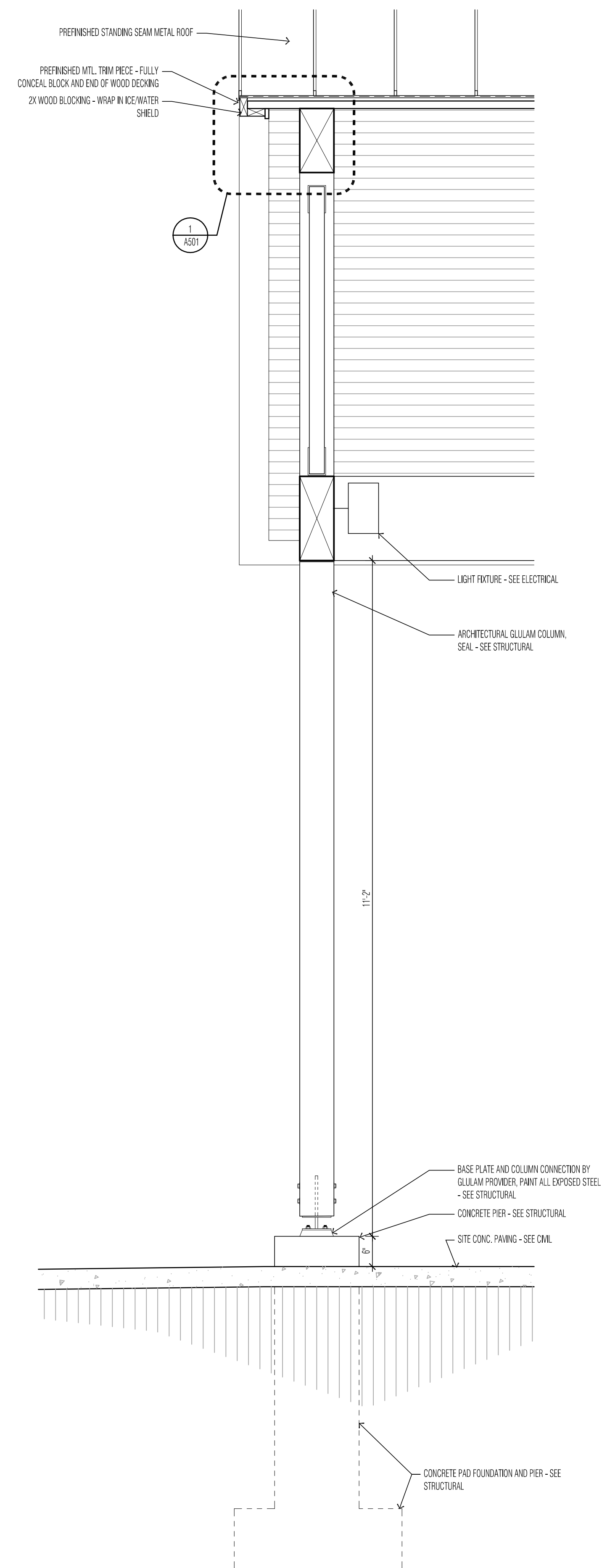
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SHEET NAME:

WALL SECTIONS

SHEET NO:

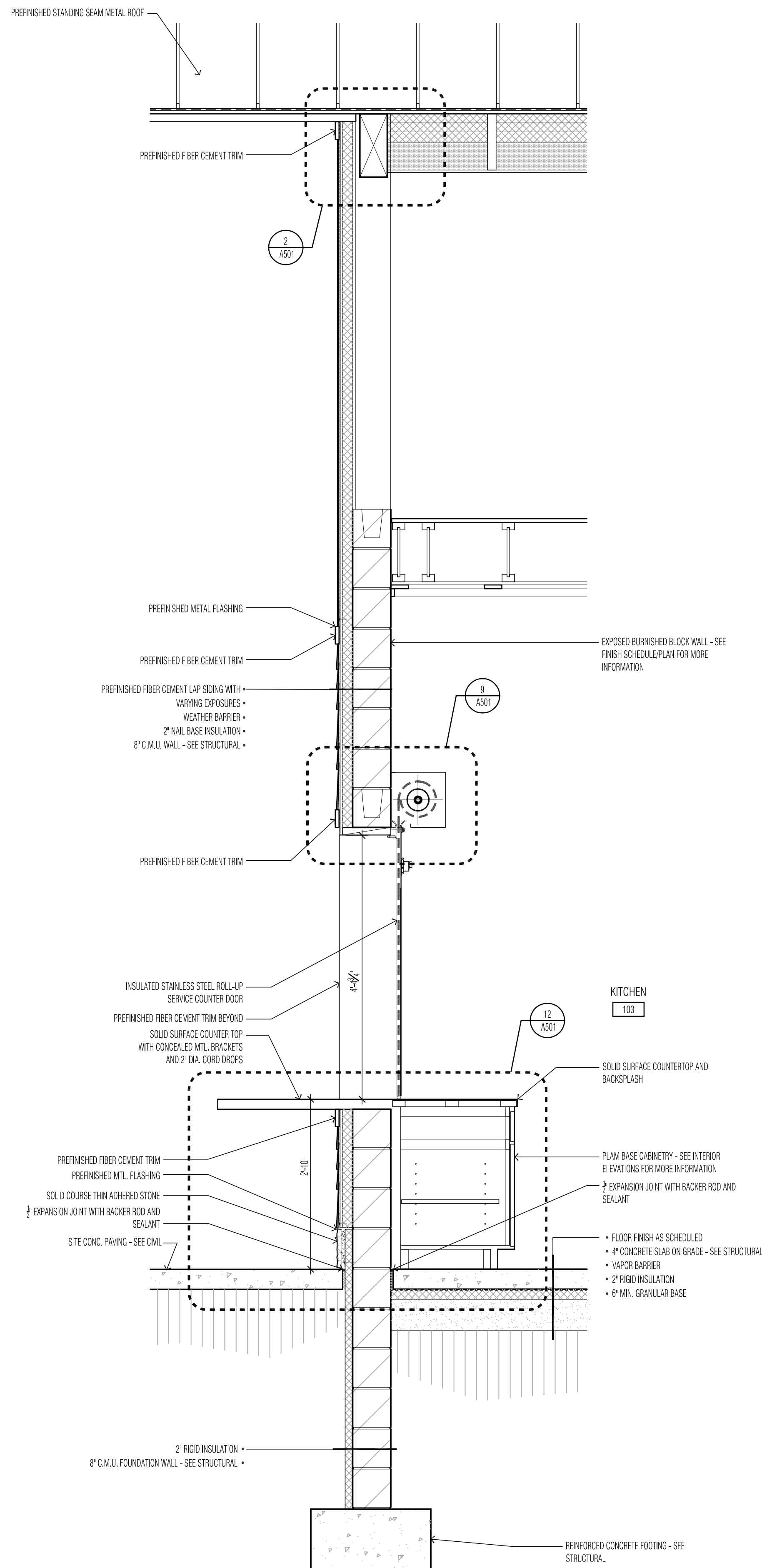
A404



1

WALL SECTION

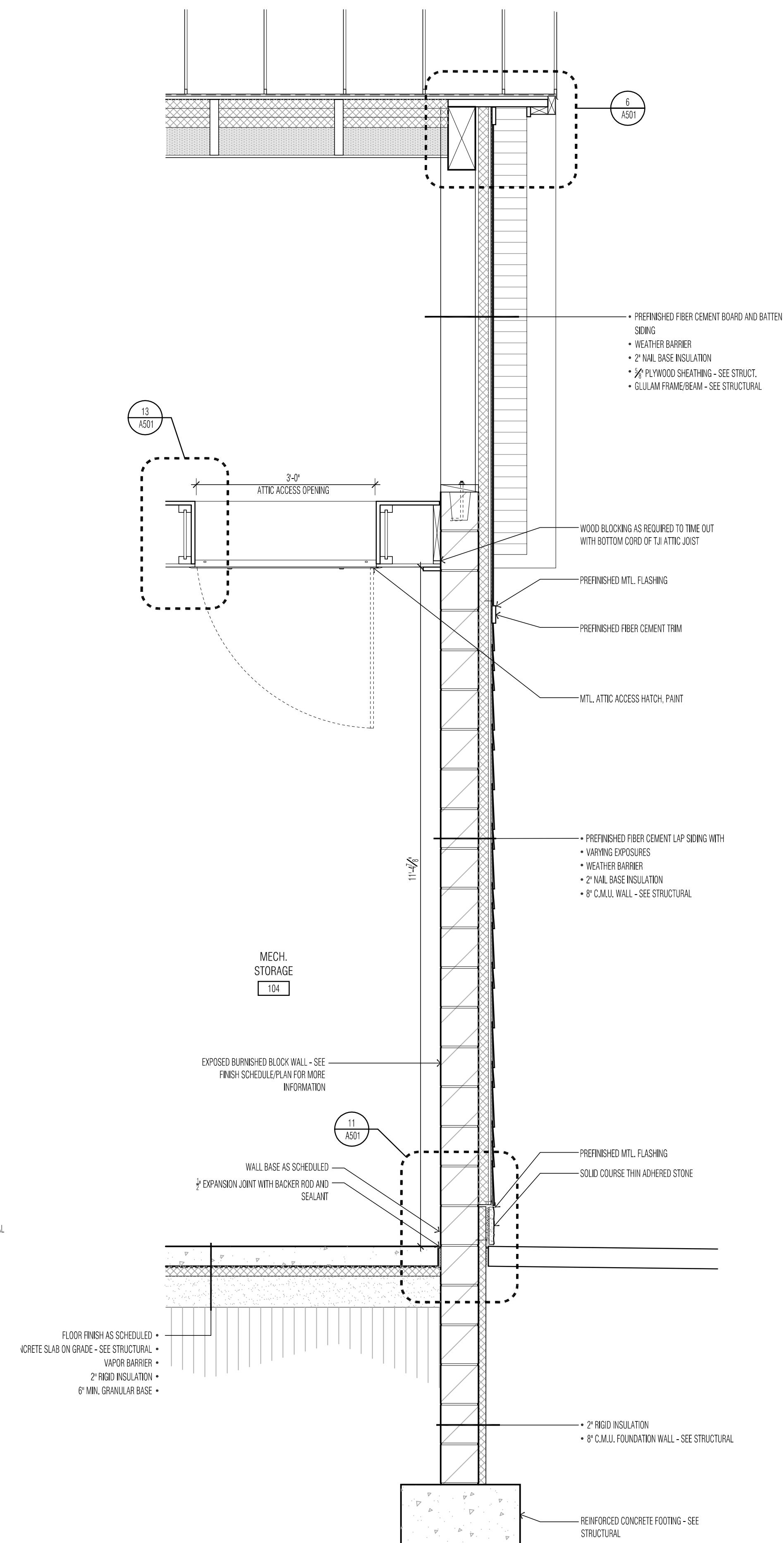
@ 3/A401

$$3/4^{\text{m}} = 1'-0''$$


2

WALL SECTION

@ 3/A401

$$3/4'' = 1'-0''$$


3

WALL SECTION

@ 3/A401

$$3/4'' = 1'-0''$$



CONSULTANT:



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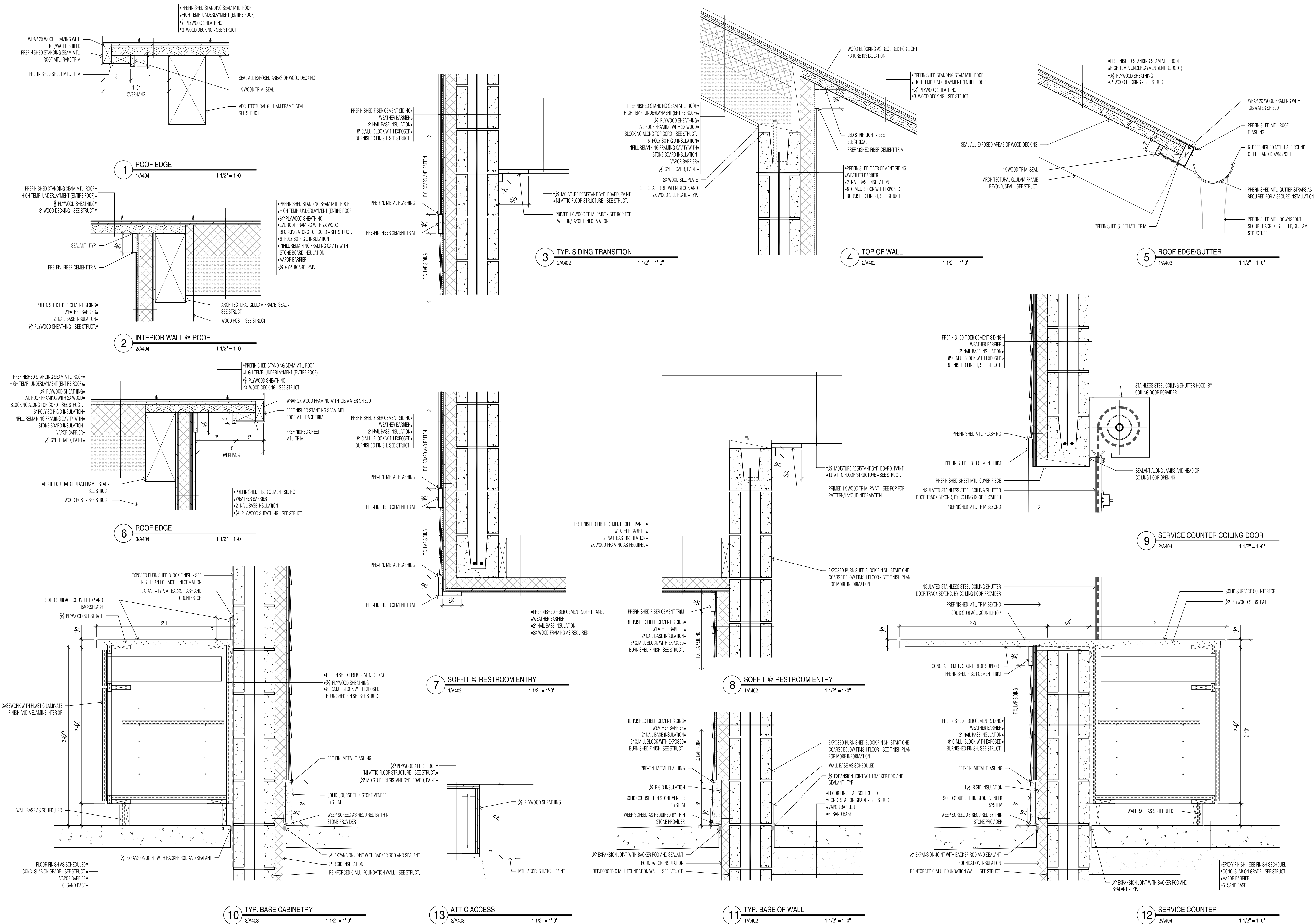
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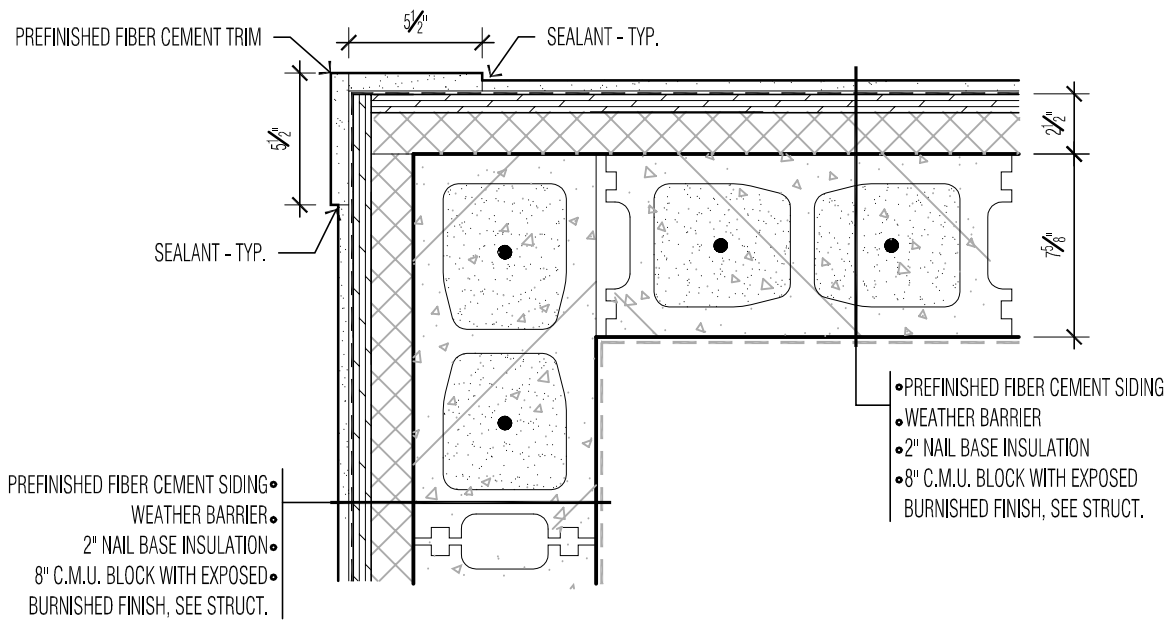
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DETAILS

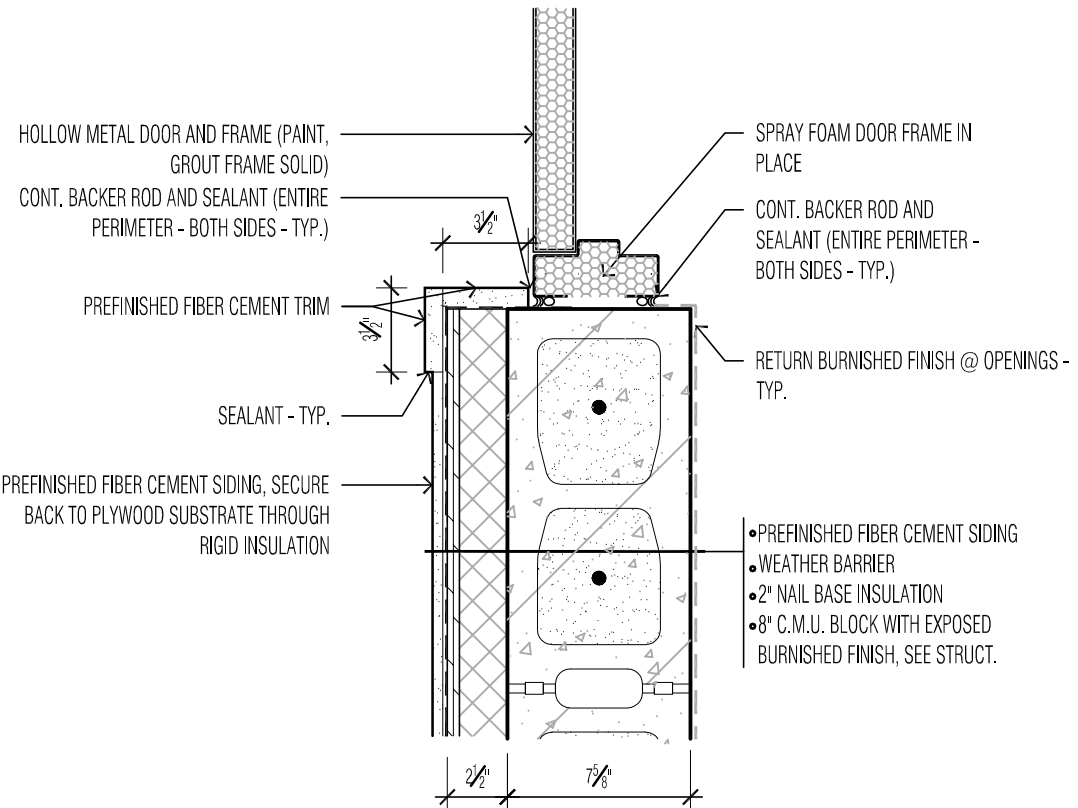
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A501

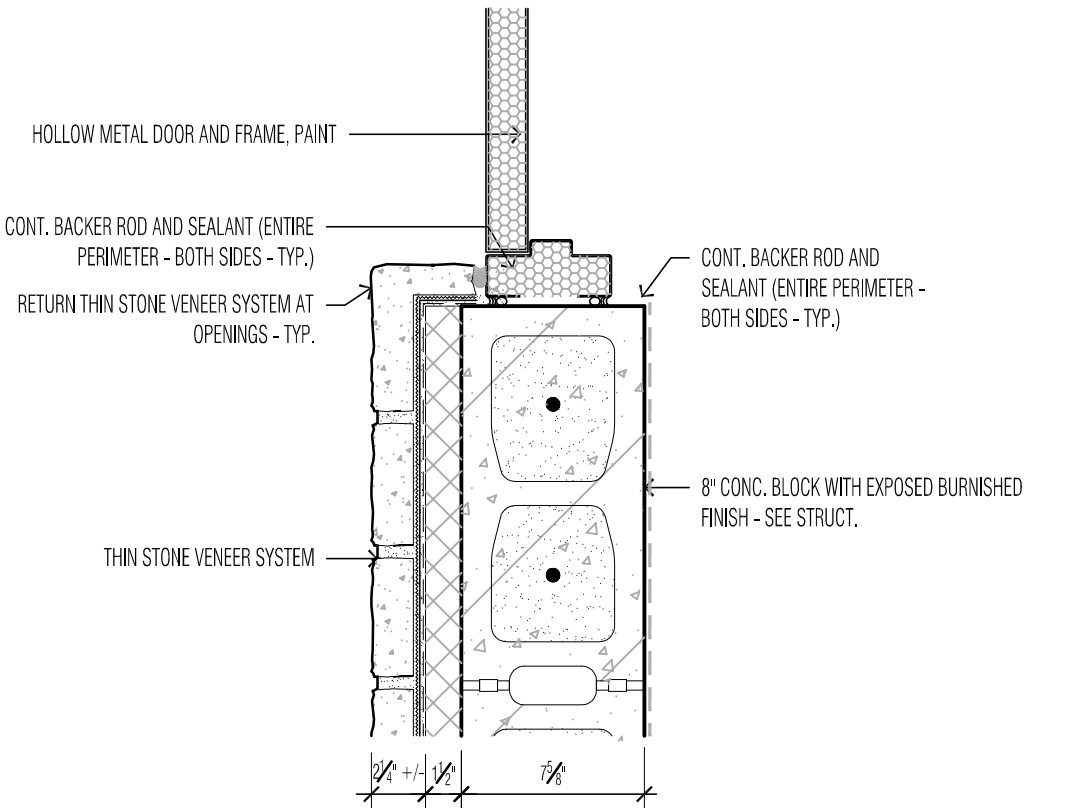




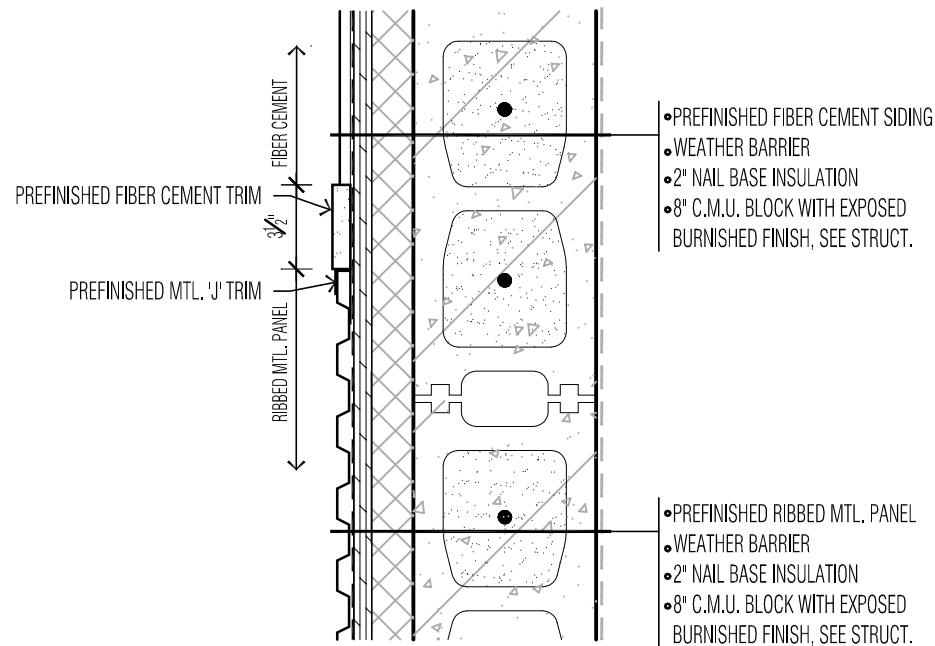
2 PLAN DETAIL - TYP. OUTSIDE CORNER
1/4" 1 1/2" = 1'-0"



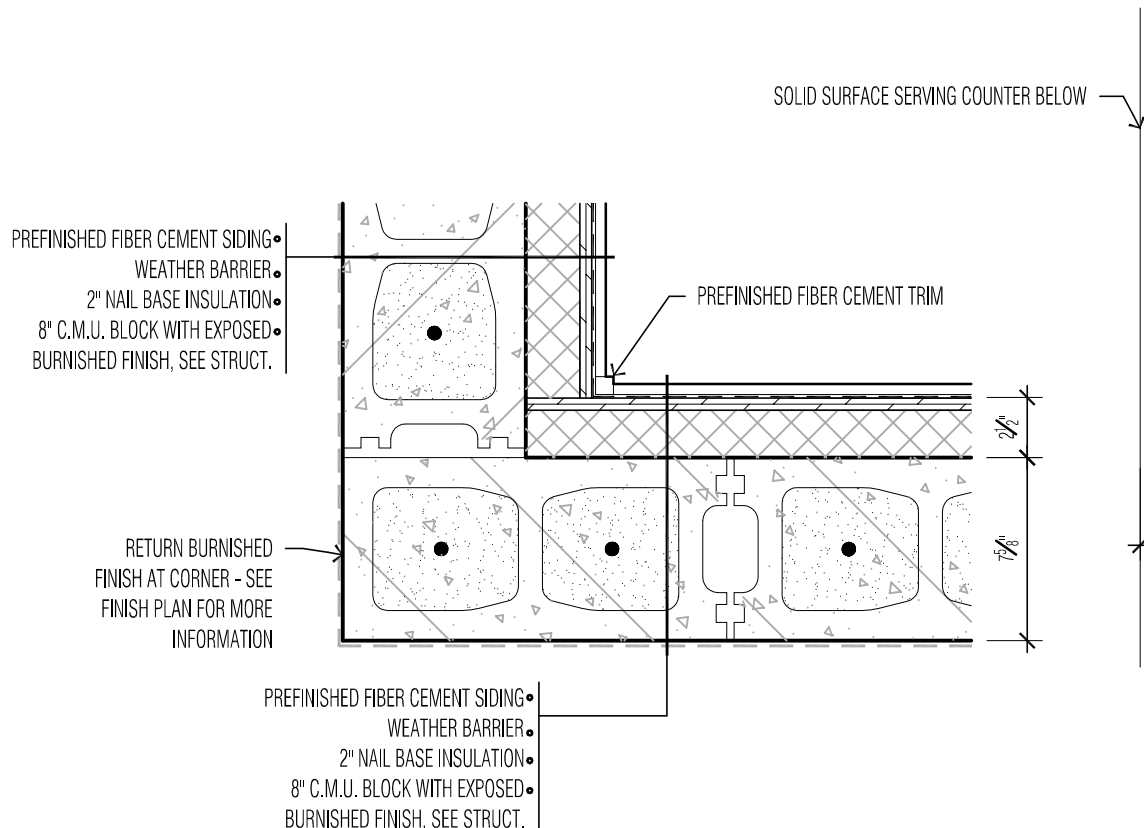
3 PLAN DETAIL - DOOR @ FIBER CEMENT
1/4" 1 1/2" = 1'-0"



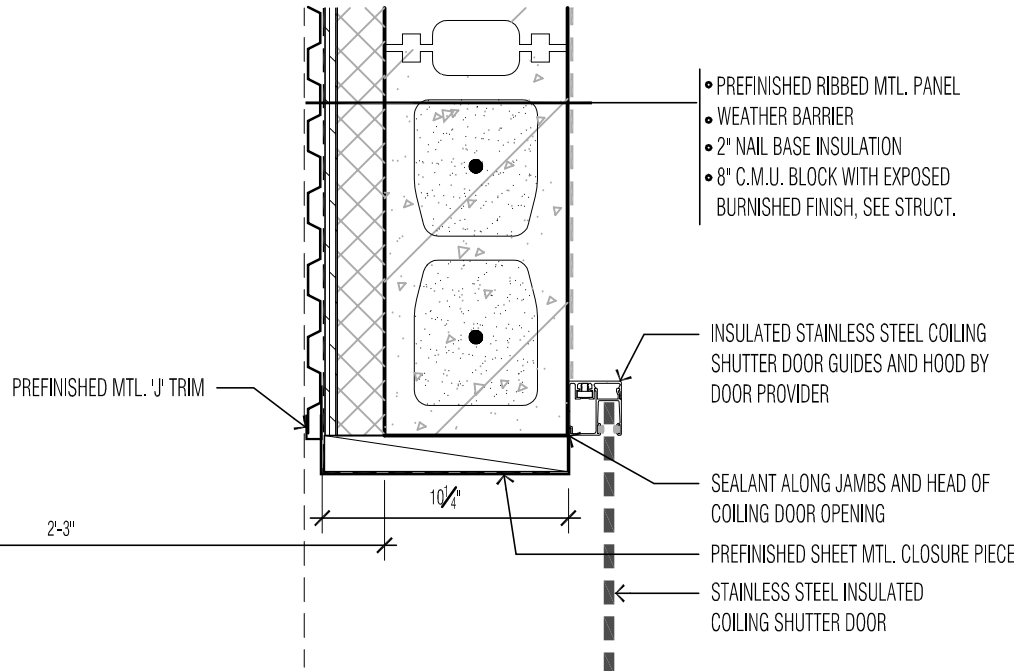
4 PLAN DETAIL - DOOR @ STONE BASE
1/4" 1 1/2" = 1'-0"



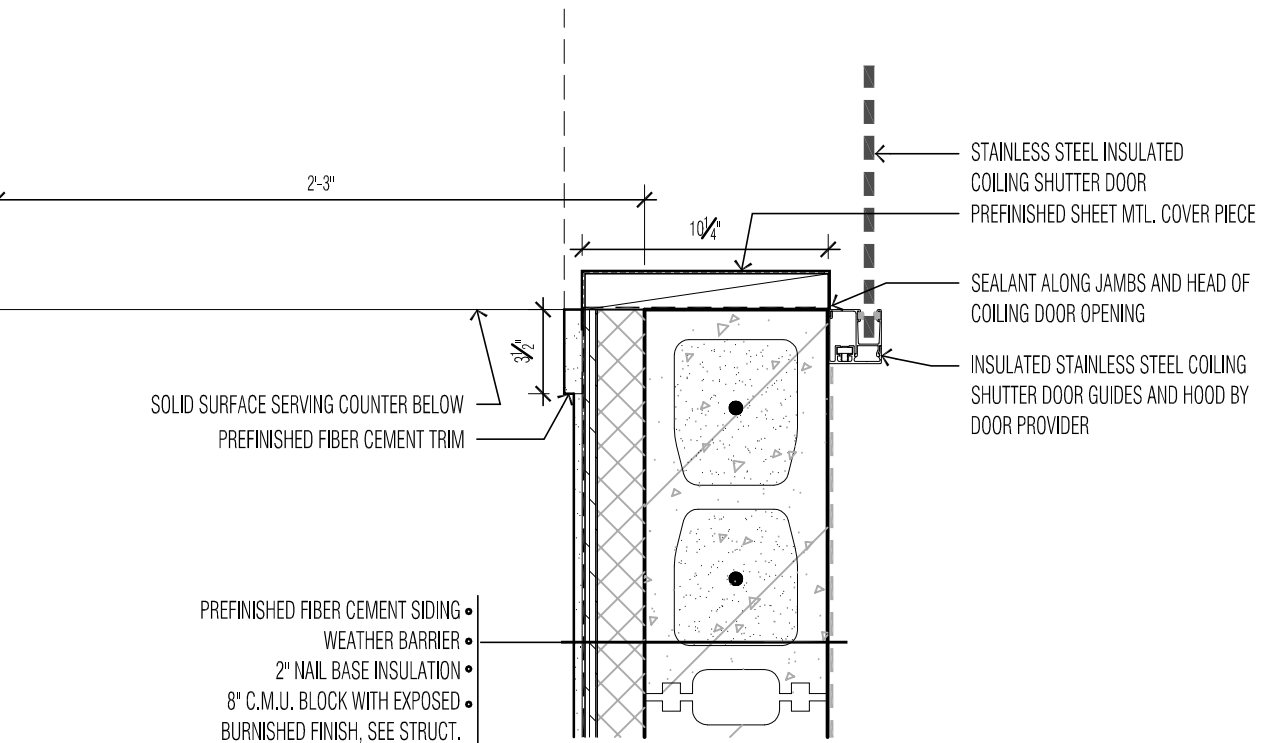
1 PLAN DETAIL - TYP. OUTSIDE CORNER
1/4" 1 1/2" = 1'-0"



5 PLAN DETAIL - TYP. INSIDE CORNER
1/4" 1 1/2" = 1'-0"



6 PLAN DETAIL - COILING SHUTTER
1/4" 1 1/2" = 1'-0"



7 PLAN DETAIL - COILING SHUTTER
1/4" 1 1/2" = 1'-0"

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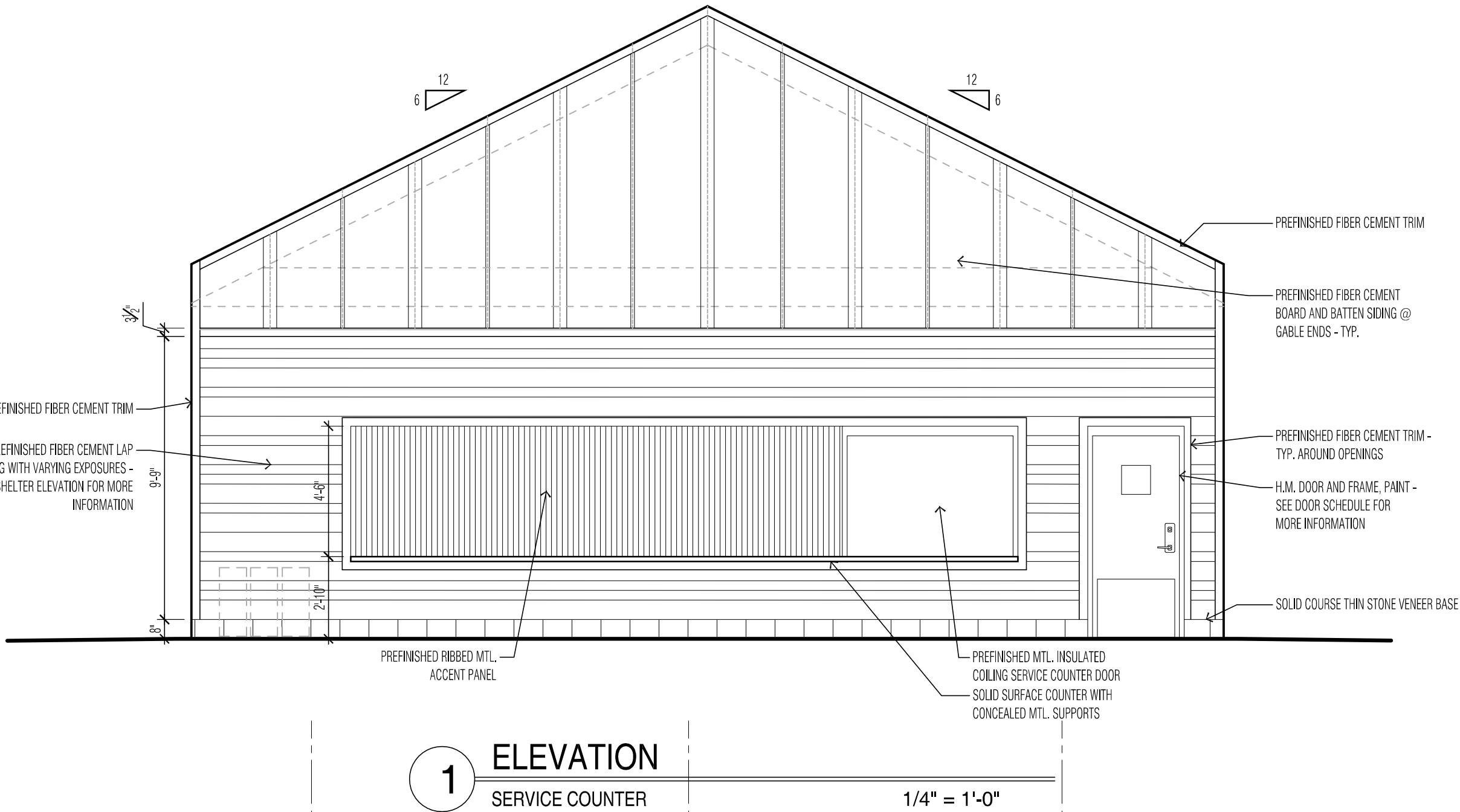
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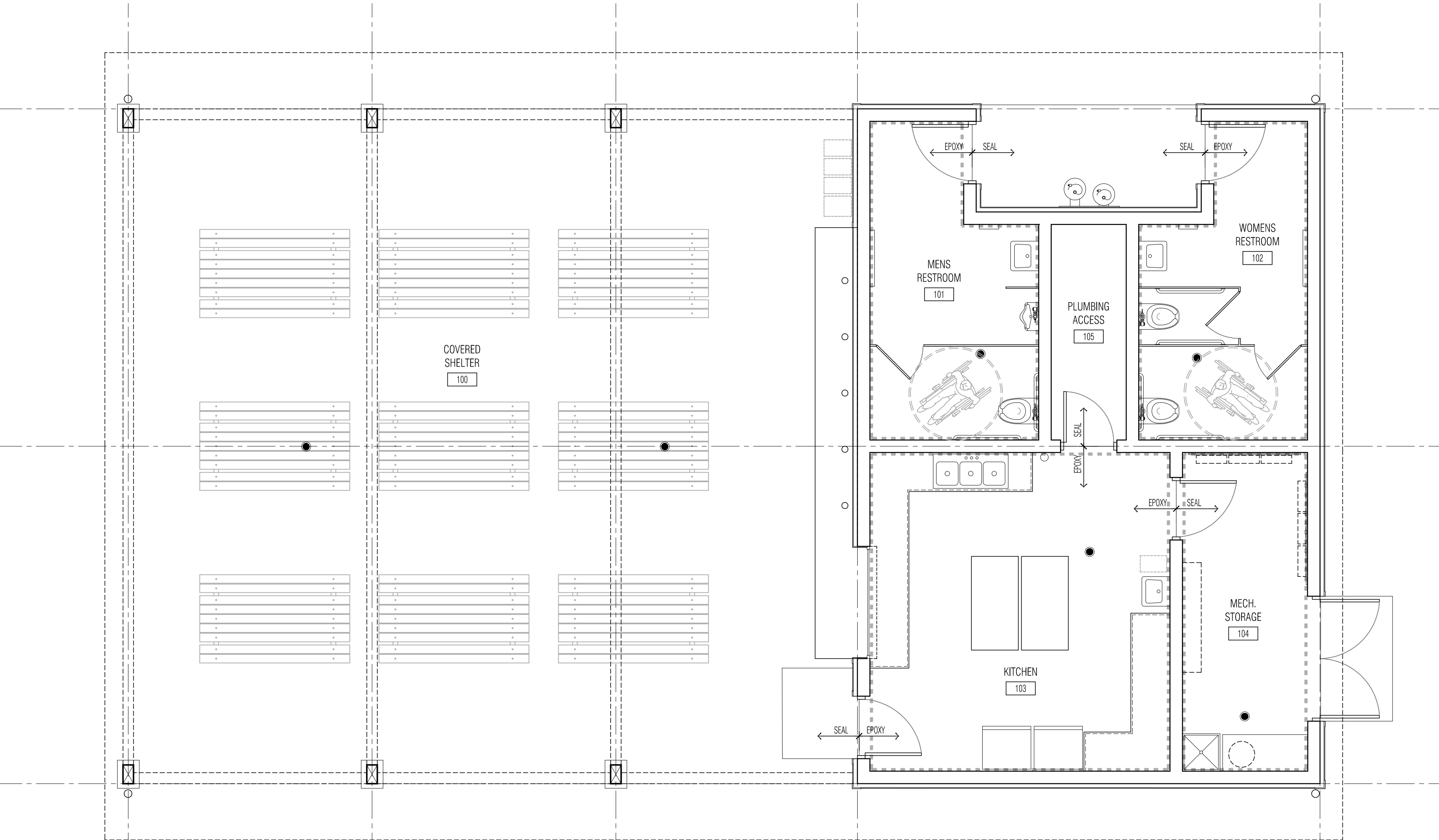
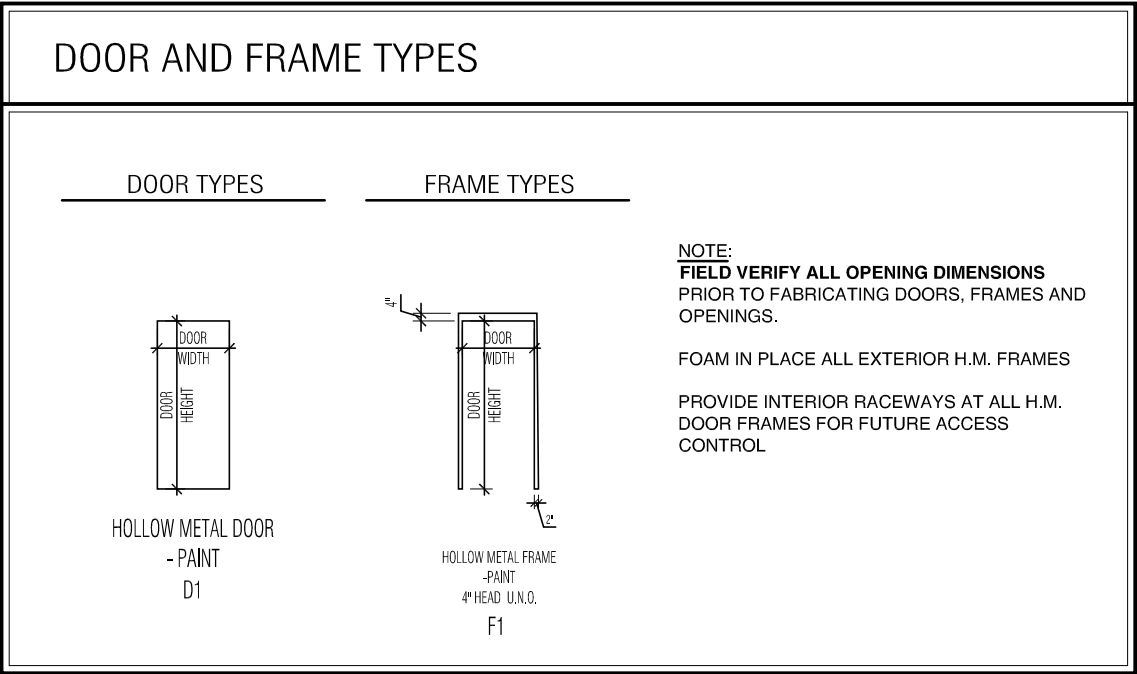
A502



DOOR AND FRAME SCHEDULE											
DOOR NO.	DOOR					FRAME			HARDWARE GROUP	LABEL MINUTES	REMARKS
	TYPE	WIDTH	HEIGHT	THICK	MAT'L	TYPE	MAT'L	WIDTH			
101	D1	3'-0"	7'-0"	1 3/4"	H.M.	F1	H.M.	3'-4"	2	-	EXTERIOR DOOR, INSULATE
102	D1	3'-0"	7'-0"	1 3/4"	H.M.	F1	H.M.	3'-4"	2	-	EXTERIOR DOOR, INSULATE
103	D1	3'-0"	7'-0"	1 3/4"	H.M.	F1	H.M.	3'-4"	2	-	EXTERIOR DOOR, INSULATE
104A	D1	3'-0"	7'-0"	1 3/4"	H.M.	F1	H.M.	3'-4"	1	-	EXTERIOR DOUBLE DOOR, INSULATE
104B	D1	3'-0"	7'-0"	1 3/4"	H.M.	F1	H.M.	3'-4"	4	-	-
105	D1	2'-0"	7'-0"	1 3/4"	H.M.	F1	H.M.	3'-4"	3	-	-

ROOM FINISH SCHEDULE																			
ROOM NO.	ROOM NAME	FLOOR		BASE	WALL								CEILING			REMARKS			
		MAT'L	FINISH		MAT'L	NORTH		WEST		SOUTH		EAST		MAT'L	FINISH		HEIGHT		
100	SEATING AREA	SEE CIVIL	SEE CIVIL	-	OPEN/GLULAM COLUMNS		PRE-FIN.	OPEN/GLULAM COLUMNS		PRE-FIN.	OPEN/GLULAM COLUMNS		PRE-FIN.	STEEL/FIBER CEMENT	PRE-FIN.	WOOD DECKING	VARIABLES	SEAL	-
101	MENS RESTROOM	CONC.	EPOXY	VINYL	C.M.U.	BURNISHED	C.M.U.	BURNISHED	C.M.U.	BURNISHED	C.M.U.	BURNISHED	C.M.U.	BURNISHED	GYP. BOARD	11'-4.7/8"	PAINT	-	-
102	WOMENS RESTROOM	CONC.	EPOXY	VINYL	C.M.U.	BURNISHED	C.M.U.	BURNISHED	C.M.U.	BURNISHED	C.M.U.	BURNISHED	C.M.U.	BURNISHED	GYP. BOARD	11'-4.7/8"	PAINT	-	-
103	KITCHEN	CONC.	EPOXY	VINYL	C.M.U.	BURNISHED	C.M.U.	BURNISHED	C.M.U.	BURNISHED	C.M.U.	BURNISHED	C.M.U.	BURNISHED	GYP. BOARD	11'-4.7/8"	PAINT	-	SOFFIT @ 9'-4.7/8"
104	MECH./STORAGE	CONC.	SEAL	VINYL	C.M.U.	BURNISHED	C.M.U.	BURNISHED	C.M.U.	BURNISHED	C.M.U.	BURNISHED	C.M.U.	BURNISHED	GYP. BOARD	11'-4.7/8"	PAINT	-	-
105	PLUMBING ACCESS	CONC.	SEAL	-	C.M.U.	PAINT	C.M.U.	PAINT	C.M.U.	PAINT	C.M.U.	PAINT	C.M.U.	PAINT	GYP. BOARD	11'-4.7/8"	PAINT	-	-

- GENERAL NOTES:
- FINAL PAINT COLORS & LOCATIONS TO BE DETERMINED AT TIME OF SHOP DRAWING SUBMITTAL.
 - ITEMS TO BE PAINTED INCLUDE ALL EXPOSED: H.M. FRAMES AND DOORS, GYP. BOARD CEILINGS, ANY EXPOSED PIPING / CONDUIT.
 - REFER TO FLOOR FINISH PLAN FOR INSTALLATION PATTERNS.
 - PROVIDE MOISTURE RESISTANT GYP. BOARD AT ALL "WET" LOCATIONS.
 - ALL LOCATIONS TO RECEIVE EPOXY SHALL BE OF THE RESINOUS TYPE.
- INDICATES LOCATIONS OF EXPOSED BURNISHED BLOCK FINISH



REVISIONS / ISSUE			
NO.	DATE	DESCRIPTION	
0	12/22/22	BID SET	

PROJECT NAME:
**SOUTH VALLEY PARK
PHASE 1 IMPROVEMENTS**
SOUTH VALLEY PARK
2810 70TH ST E
INVER GROVE HEIGHTS, MN 55076

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

Signature
Thomas Stromsodt

Name
48038 12/22/2022
License # Date

PROJECT NUMBER: 21-07
DATE OF ISSUE: DECEMBER 22, 2022
DRAWN BY: TRS/DCE
CHECKED BY: TRS
SHEET NAME:

SCHEDULES

SHEET NO:

A601

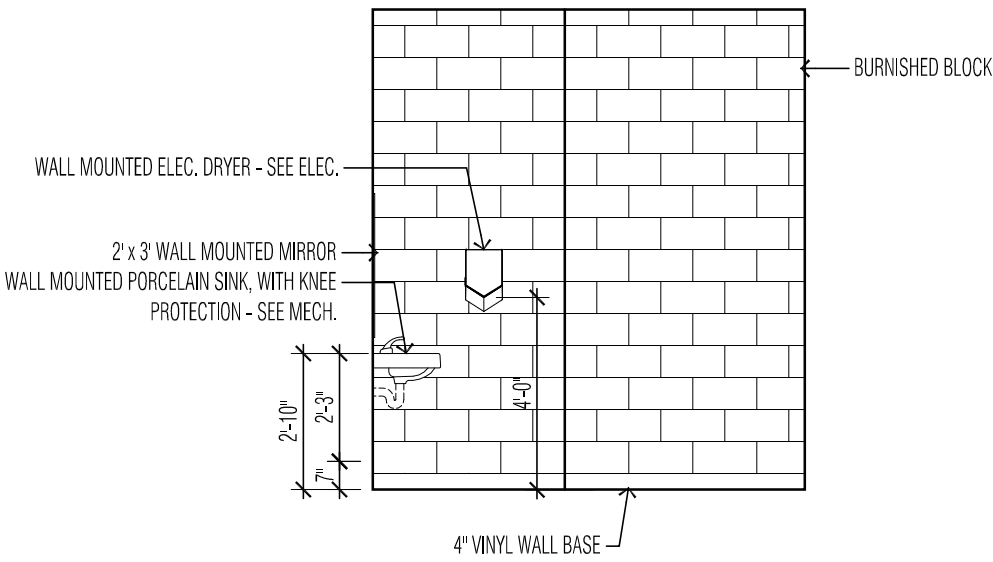


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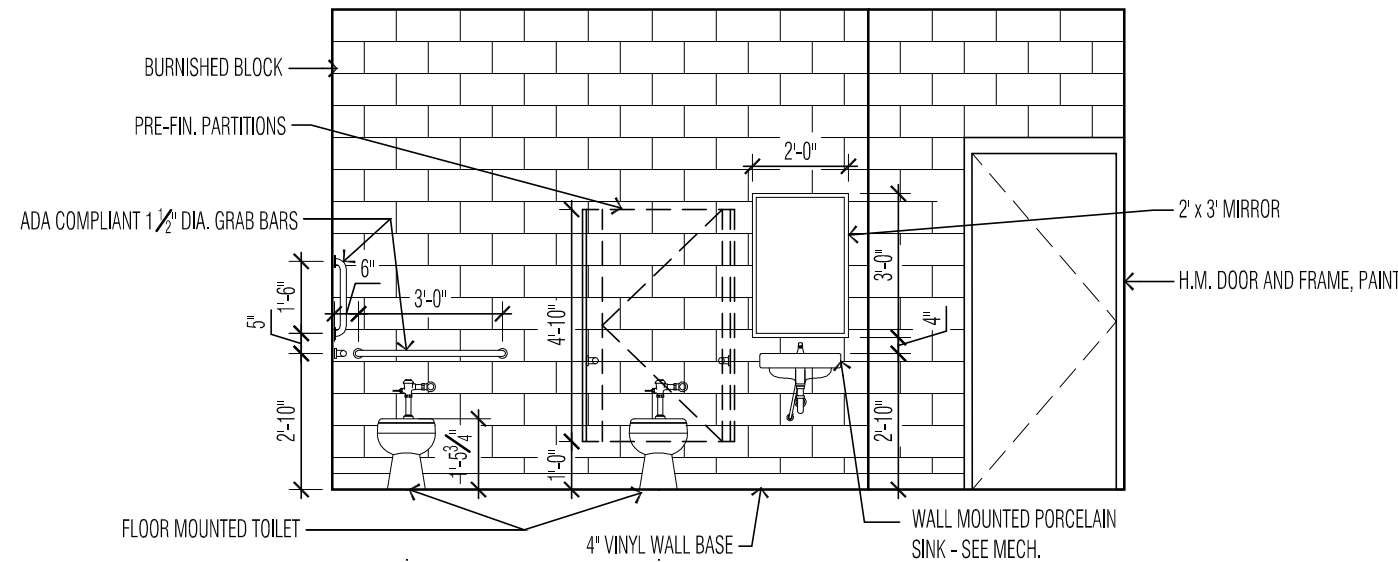


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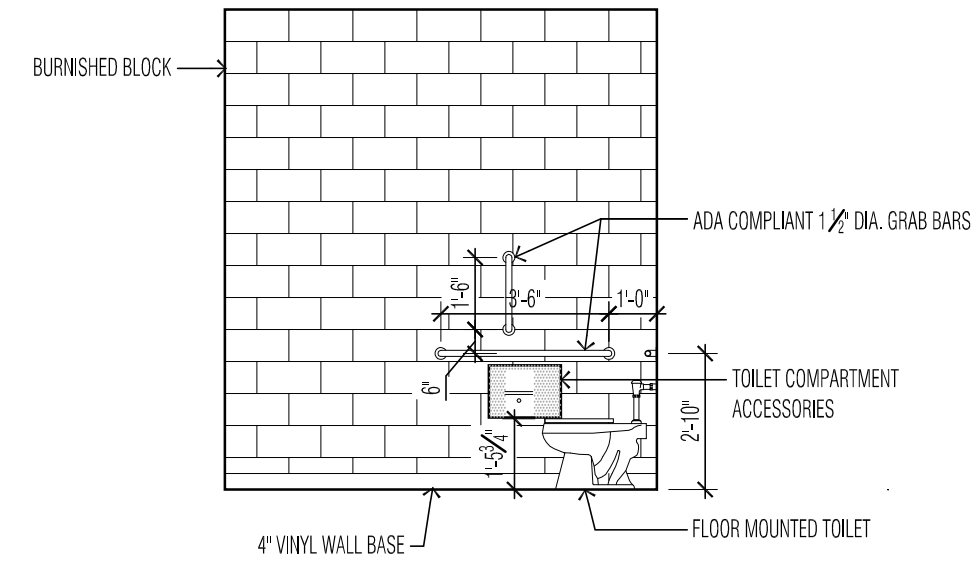
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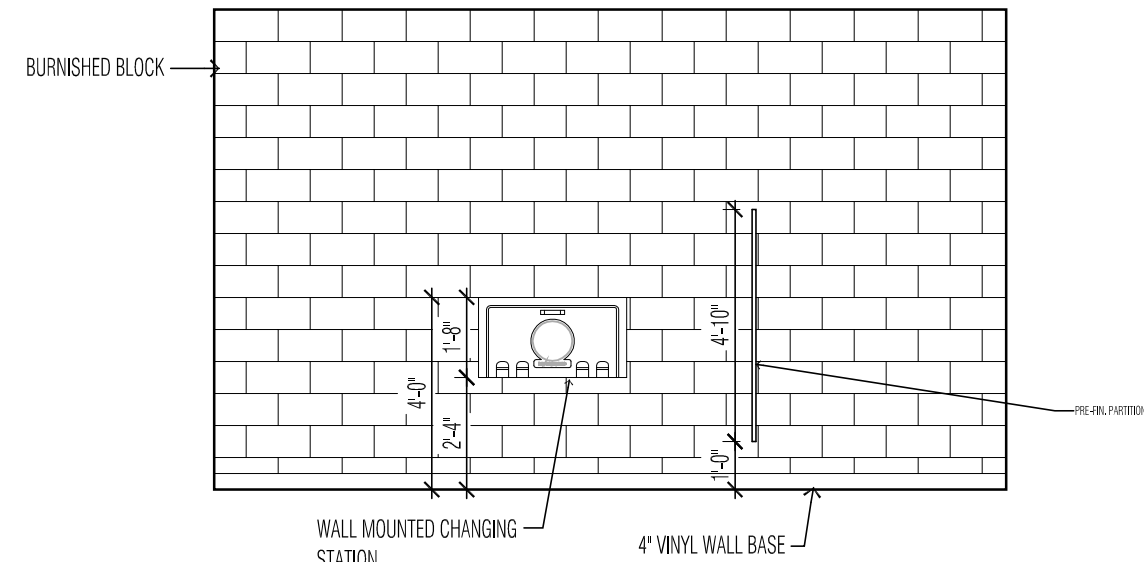
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RM 102 - NORTH
1/4" = 1'-0"



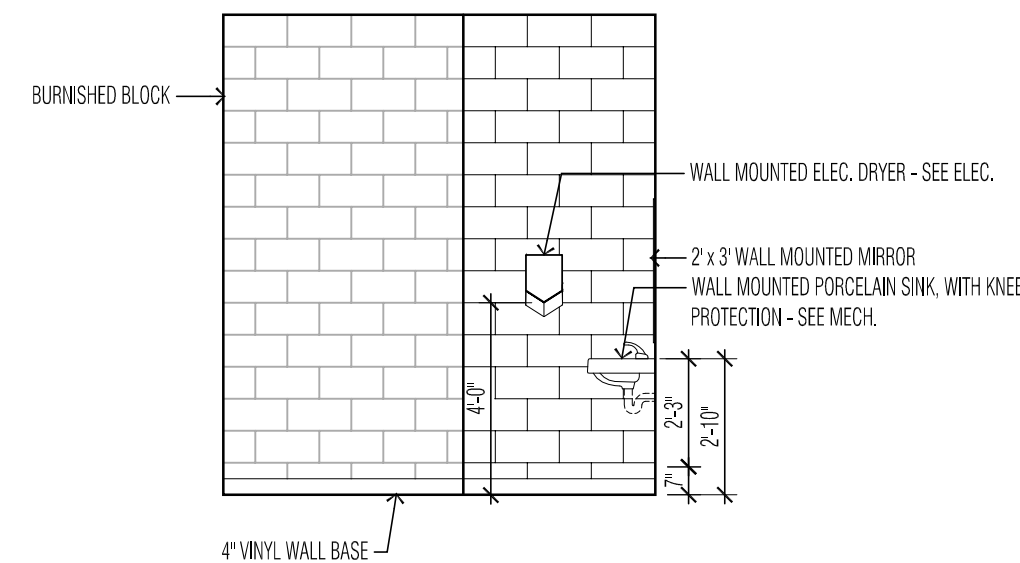
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RM 102 - WEST
1/4" = 1'-0"



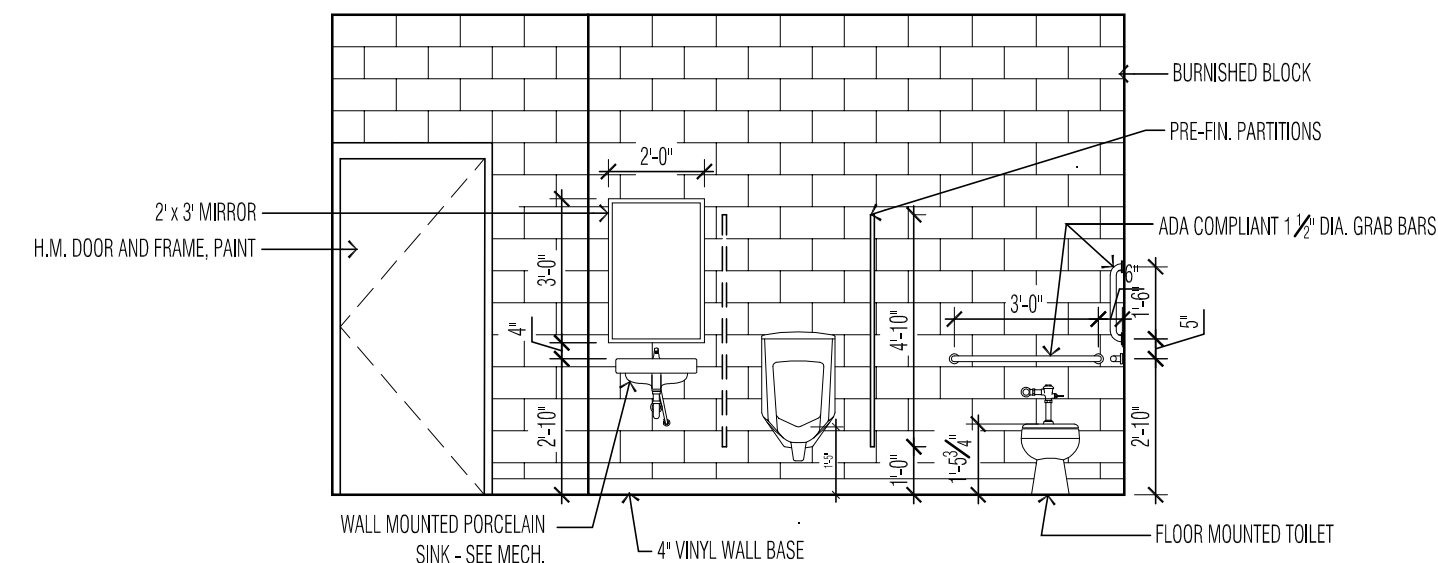
3 RESTROOM ELEVATION
RM 102 - SOUTH
1/4" = 1'-0"



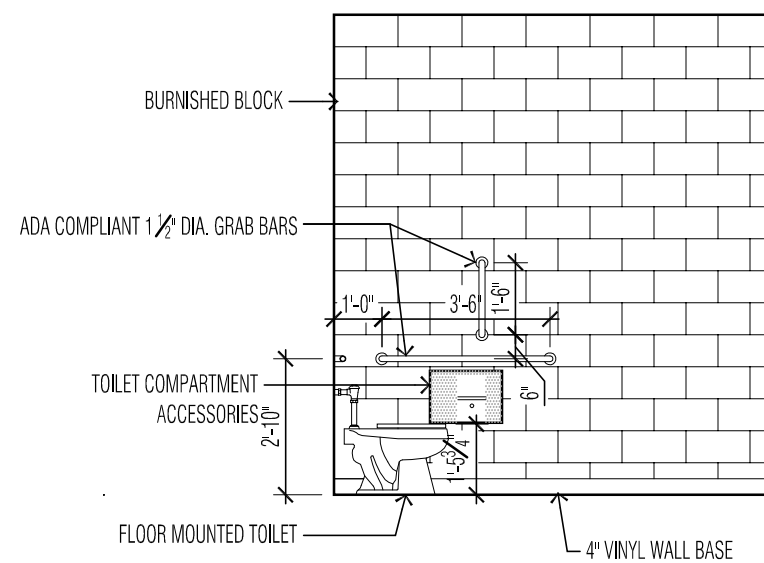
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RM 102 - EAST
1/4" = 1'-0"



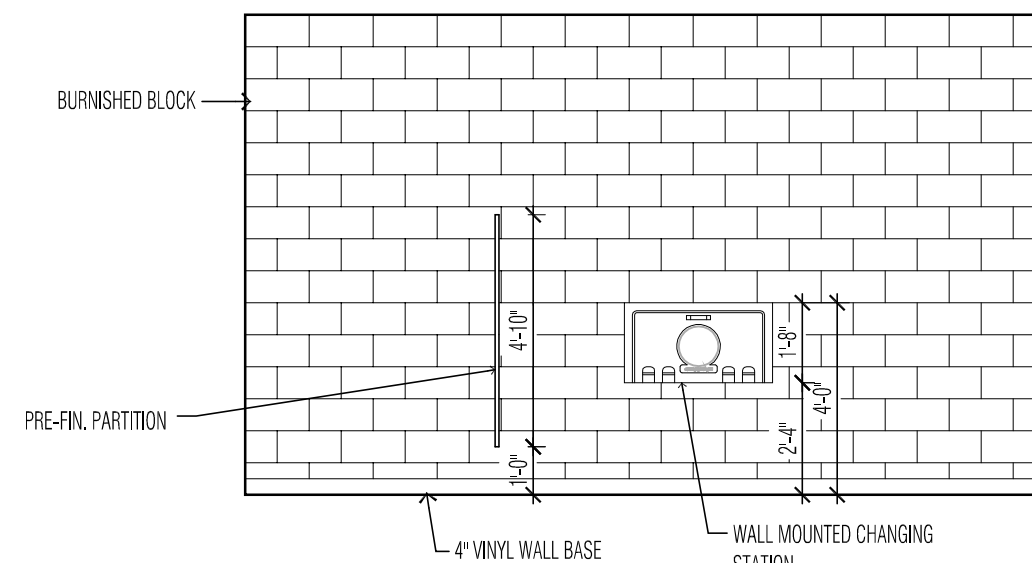
5 RESTROOM ELEVATION
RM 101 - SOUTH
1/4" = 1'-0"



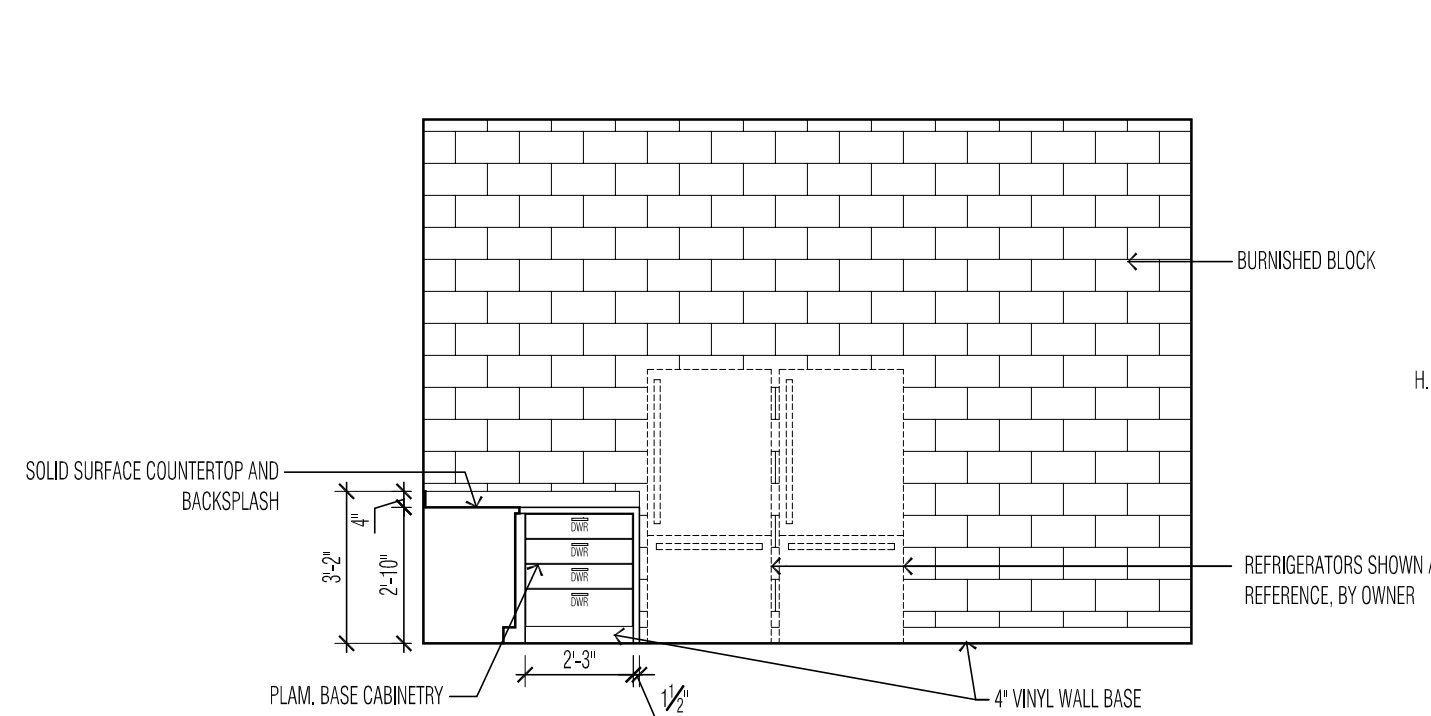
6 RESTROOM ELEVATION
RM 101 - EAST
1/4" = 1'-0"



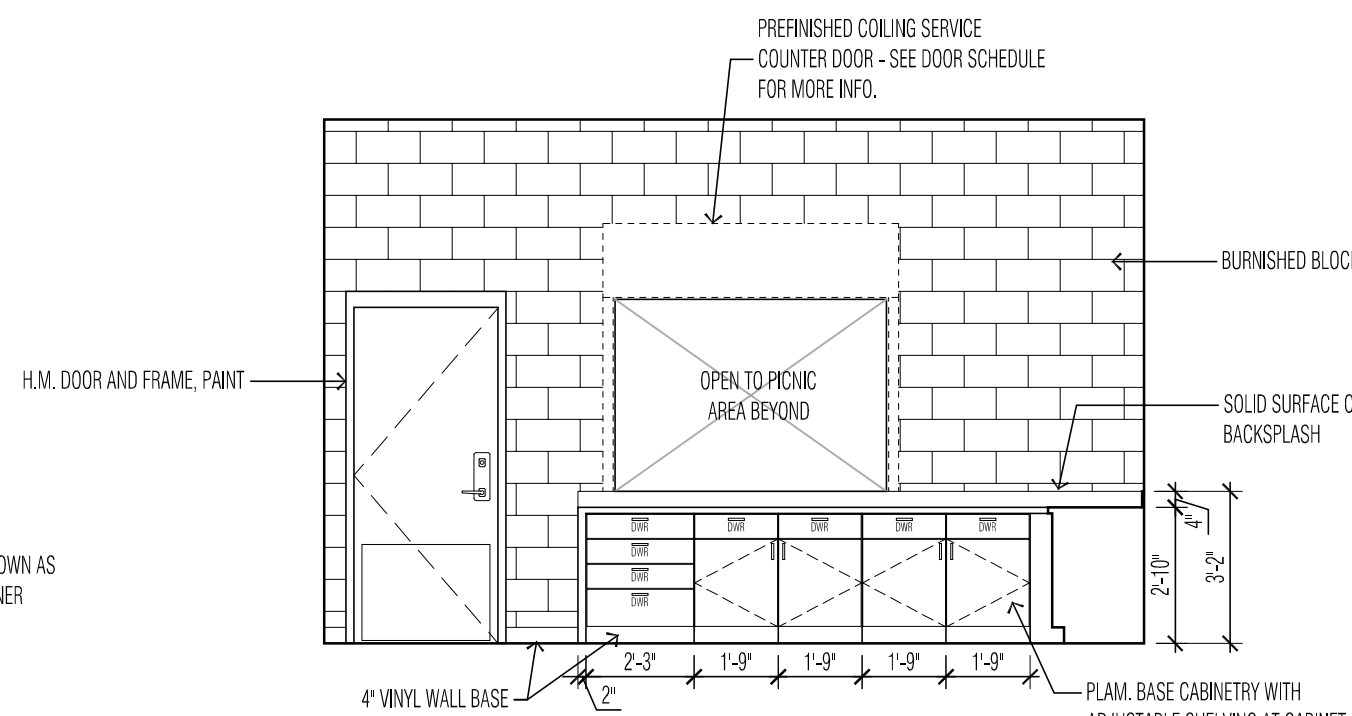
7 RESTROOM ELEVATION
RM 101 - NORTH
1/4" = 1'-0"



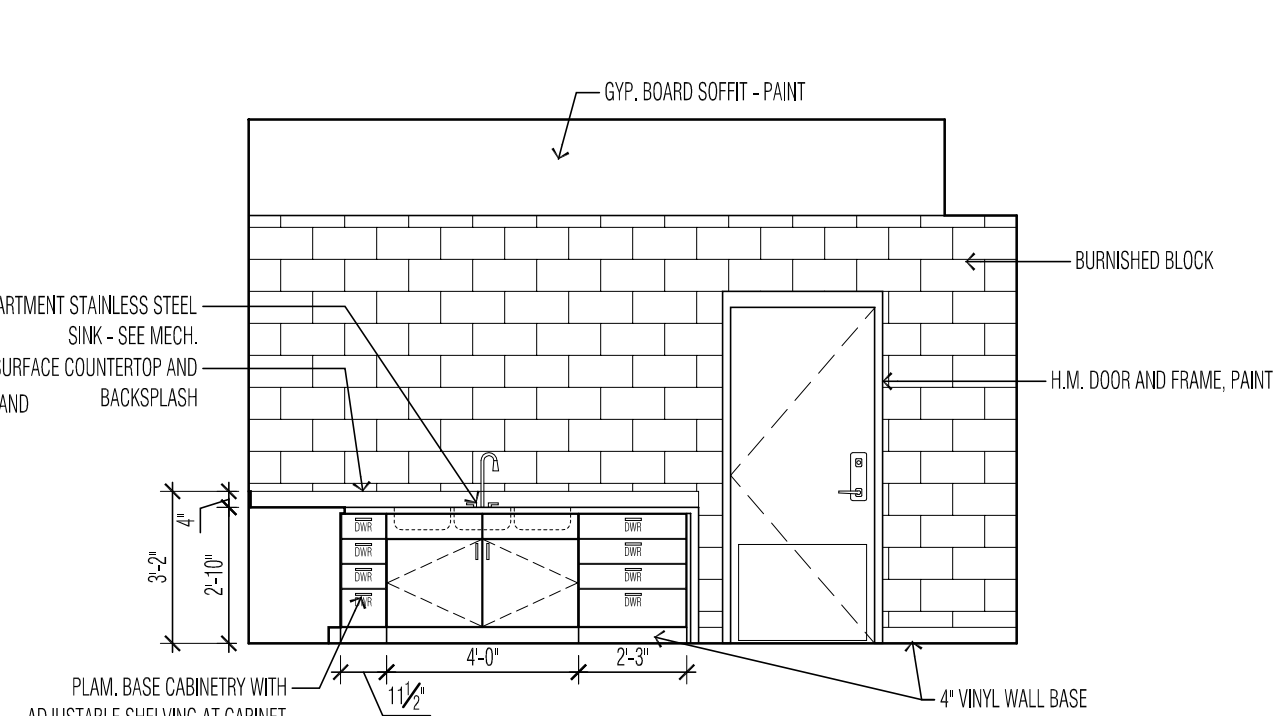
8 RESTROOM ELEVATION
RM 101 - WEST
1/4" = 1'-0"



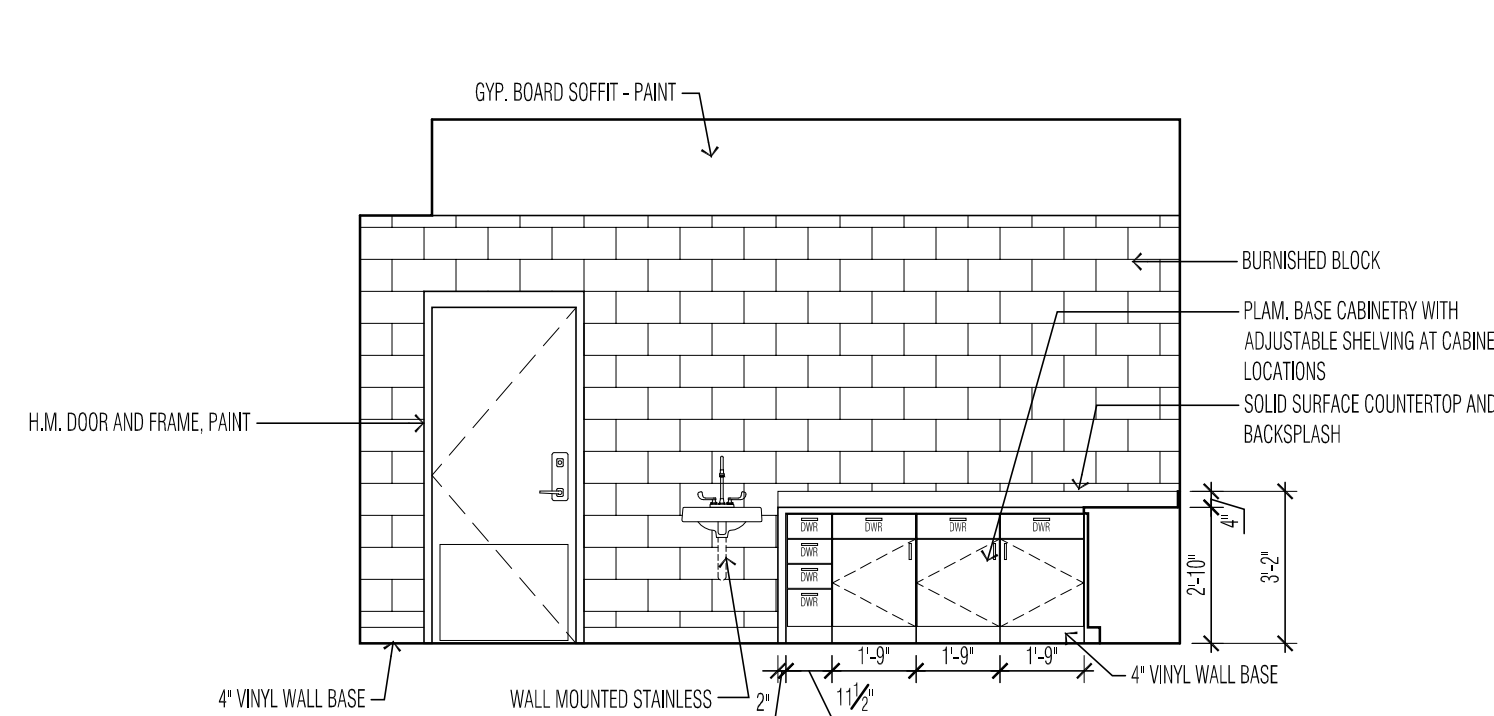
9 KITCHEN ELEVATION
RM 103 - SOUTH
1/4" = 1'-0"



10 KITCHEN ELEVATION
RM 103 - WEST
1/4" = 1'-0"



11 KITCHEN ELEVATION
RM 103 - NORTH
1/4" = 1'-0"



12 KITCHEN ELEVATION
RM 103 - EAST
1/4" = 1'-0"

REVISIONS / ISSUE

NO.	DATE	DESCRIPTION
0	12/22/22	BID SET

PROJECT NAME

**SOUTH VALLEY PARK
PHASE 1 IMPROVEMENTS**

**SOUTH VALLEY PARK
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INVER GROVE HEIGHTS, MN 55076**

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Thomas Stromsodt
Signature

Thomas Stromsodt

Name

48038 12/22/2022

License # Date

PROJECT NUMBER: 21-07

DATE OF ISSUE: DECEMBER 22, 2022

DRAWN BY: TRS/DCE

CHECKED BY: TRS

SHEET NAME:

**INTERIOR
ELEVATIONS**

SHEET NO:

A701



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SOUTH VALLEY PARK

Richard L. Muesel

2401E

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Any broken or damaged utilities shall be repaired or replaced by the contractor responsible for the damage.

All footings are centered under walls and/or columns unless indicated otherwise

Control/construction joints shall be placed at columns and be spaced as noted below, unless indicated otherwise.

Provide isolation diamonds at all columns.

*"L" shaped panels and rectangular panels with length/width ratios greater than 1.5 are not allowed.

At all re-entrant corners provide 2-#5 x 4'-0" long diagonal bars on slab center line. Bend as required at obstructions.

Cure concrete slabs to receive special architectural floor finishes in accordance with flooring manufacturers instructions.

STRUCTURAL WOOD FRAMING

All dimension lumber sizes given on drawings are nominal dimensions.

All engineered lumber sizes given on drawings are actual dimensions.

Provide full bearing width on support studs each end for lintels and headers.

Bear wood joists the full width of supporting members stud walls, beams, etc.) unless noted otherwise.

Joists and girders shall be notched to provide full bearing of the member unless otherwise shown. Do not overcut.

Bolts in wood are machine bolts, unless otherwise noted. Machine bolts shall have a shank diameter within 1/64" of that specified. Bolts are ASTM 307 steel.

All non-load bearing walls to have (2) - 2x4 headers for openings up to 6'-0".

Bolt holes shall be 1/32" oversize. Where steel is connected to wood, holes in steel shall be 1/16" oversize. Provide standard cut washers under head and nut where bearing is against wood. Washers will not be required under head of carriage bolts. Length of thread shall be such that not more than 1/2" of thread shall bear against wood. All nuts shall be tightened when placed and re-tightened at completion of the job or immediately before closing with finish construction. Bolt holes in wood members, including glu-lam, shall be drilled on the job site. Where steel side plates are used for connection, the plate shall be used as a template.

Unless noted otherwise expansion bolt wood 2x sill plates to concrete or filled masonry cells with minimum 5/8" diameter Simpson Titen HD Screw anchor or approved equal (min. 5" embedment) at 72" o.c. and within 6" of end of wall, minimum of 2 anchorages per sill plate, unless otherwise noted.

Wood nailers attached to structural steel with A307 threaded rods unless noted otherwise.

Roof sheathing shall be 3/4" APA rated plywood or OSB. Attach sheathing to roof framing members with 8d nails (0.113" diameter x 2 1/2" long) at 6" o.c. at panel edges and 12" o.c. at intermediate supports.

Floor sheathing shall be 3/4" APA rated plywood or OSB. Attach sheathing to roof framing members with 10d nails (0.128" diameter x 3" long) at 6" o.c. at panel edges and 12" o.c. at intermediate supports.

All shear walls shall be sheathed conforming to the requirements of APA-Structural 1.

Roof sheathing shall be APA-span rating 48/24, Exposure 1.

Oriented Strand Board (OSB) complying with the listed requirements is an acceptable wall sheathing and subfloor material.

Wood sheathing used structurally shall extend continuously behind all finishes, and shall be protected by an unbroken layer of moisture tight paper when applied to exterior surfaces.

Sheathing joints shall be backed by a single common member. The edge of the wood sheet shall lap a minimum of 3/4" with the backing member. The nails shall be at least 3/8" from the edge of the sheet and from the edge of the backing member. In general sheets shall be 4'-0" x 8'-0" and shall be laid with face plies across framing members and with end joints staggered 4'-0".

No panel shall be used which is less than 24" in width on floors and roofs. Floor and roof sheathing shall be continuous across 2 spans,

The nailing along the end edge of the sheet and for all other contacts shall be as called for under the Nailing Schedule below and as shown

Minimum Permissible Nailing Schedule :

Provide the following minimum permissible nailing required at all wood intersections unless more stringent nailing is noted otherwise on

Studs to Bearing:	2x6 & smaller	2-10d toenails ea side
Sole Plates:	Perp to joist	2-20d ea joist
	Parallel to joists	20d @ 9" oc
Dbl 2" Top PL's:	Lower plate to stud	2-16d
	Upper to lower (plate lap)	16d @ 12" oc min lap stagger 48" w/24-16d ea lap
	Lap at intersections	3-16d
	Plywood to ea top PL	8d @ 6" oc stagger
Joists, Rafters Or Trusses:	Perp to bearing	2-10d toenails ea side
	Parallel to bearing	10d toenails @ 12" oc stagger
Double Joist & Built-Up Beams:	10" or less in depth	16d @ 12" oc stagger
	More than 10" deep	1/2" bolts @ 24" oc stagger
	To bearings	2-10d toenails ea side
	To joist or rafters	2-10d toenails ea side
Cross Bridging:	To joists or rafters	2-8d ea end
Multiple studs:	Each layer	16d @ 12" oc
Plywood sheathing:	At edges of sheet	8d @ 6" oc
	All other contacts	8d @ 12" oc

Nailing not noted above or on details shall be at least two nails at all contact points, use 8d through 1" material, 16d through 2" material, 40d through 3" material, and 30d through 2" material on face of sheathing.

All nails shall be common or box wire nails. Where nails tend to split the wood, nail holes shall be pre-drilled.

For plywood nailing, 9 gage x 2 1/8" cut nails may be used in lieu of 8d common wire nails.

Machine Applied Nailing:

Use of machine nailing is acceptable. Machine nailing will not be approved in 5/16" plywood. If nail heads penetrate the outer ply more than would be normal for hand nailing or if minimum allowable edge distances are not maintained the performance will be deemed

Wood Construction Connectors:

Manufactured connectors indicated on drawings shall be "Simpson Strong Tie" or approved equal.

Alternate manufacturer's connectors shall have equivalent capacities for the specified application.

Properly install connectors in strict accordance with manufacturer's recommendations type, number and size of fasteners, embedment in concrete or other criteria affecting capacity.

Wood Trusses - General:

Design floor trusses for L/480 and roof trusses for L/360 maximum live load deflection. Max deflection = 1".

Fabricate, supply and erect wood trusses as shown on the drawings and as specified.

Manufacturer shall furnish design drawings bearing the seal and registration number of a design professional licensed in the state where the trusses are to be installed. The drawings shall reflect the span, loads, spacing, and arrangement of the trusses required to meet the criteria of the plans. Drawings shall be submitted to architect and structural engineer prior to fabrication.

Trusses shall be handled during fabrication, delivery, and at job site so as not to be subjected to excessive lateral bending. Erection shall be in accordance with handling and erecting wood trusses HET-80, TPI. Trusses must be set and secured level and plumb, and in correct location. Cutting and altering of trusses is not permitted.

Trusses are to have temporary bracing as per the Recommended Design Specifications for Temporary Bracing of Metal Plate Connected Wood Trusses (DSB-89) by the Truss Plate Institute (TPI).

Brace trusses sufficiently during erection to prevent toppling or dominoing. Install all bracing before placing loads atop trusses.

Plated Wood Trusses:

Trusses shall be designed in accordance with national design specification for wood construction, NFPA and design specifications for Light Metal Plate Connected Wood Trusses, TPI and the local code of jurisdiction.

The grade mark or a lumber inspection bureau or agency approved by the American Lumber Standards Committee shall identify lumber

Connector plates shall meet or exceed ASTM A446 steel.

Trusses shall be fabricated in compliance with requirements in quality control standard QST-88, TPI.

Glue Laminated Truss and Misc Framing - General

All information pertaining to Glue Laminated trusses trusses and members indicated on drawings is for design intent only, including; configuration, sizes and connections. Glulam supplier to submit design calculations and shop drawings signed/sealed by a registered engineer in the State of Minnesota.

STRUCTURAL STEEL

All structural steel shall be fabricated and erected according to latest AISC specifications.

All welding shall be performed by AWS certified welders and comply with the AWS Structural Welding Code.

All field welding shall be shown on the steel erection drawings with pre-qualified AWS weld designations.

Use standard framed beam connections - two (2) clip angles shop welded or bolted to beam web and field bolted to supporting members with 3/4" minimum diameter A325 bolts unless noted otherwise. Provide calculations sealed by a registered professional engineer in the state in which the project is located. Design connections for the reaction indicated (10 kip minimum) and provide a connection for either the indicated reaction or the minimum connection listed below, whichever is greater. The design shall account for all copes, eccentricities, and allowable stresses per volumes I and II of the AISC Manual of Steel Construction. Each connection shall have a minimum of two (2) rows of bolts.

Minimum Bolt Rows	Shape
2	W8, W10
3	W12, W14
4	W16, W18, W21
5	W24
6	W27
7	W30, W33, W36

Temporary erection bolts, clips, hangers, and temporary bracing shall be furnished as required by the steel erector.

Unless noted, all steel shall be cleaned and painted with one coat of primer before leaving the shop. Touch up field splices, connections, welds, and abrasions of steel with touch up shop paint after installation.

Steel to be fireproofed shall not be primed. Coordinate exact requirements with architect.

BOLTS INSTALLED IN CONCRETE

Anchor bolts cast in concrete shall be ASTM F1554 unless indicated otherwise. See design stresses this sheet for steel grades.

Expansion bolts shall be HILTI Kwik Bolt TZ, SIMPSON Strong-Bolt 2, or approved equal.

Adhesive anchors shall be HILTI HY 200, SIMPSON SET-XP, or approved equal.

Adhesive anchors require special inspection.

Screw anchors shall be HILTI KH-EZ, SIMPSON TITEN HD, or approved equal.

FUTURE EXPANSION

This project has not been specifically designed for future expansion.

NOTES REGARDING USE OF DRAWINGS

Drawing scales are noted for reference only. Not all items are drawn to scale, and drawings should not be scaled to obtain dimensions or elevations not indicated.

Unless specifically indicated, bolts shown in details are for illustrative purposes only and do not represent the actual number of bolts required. See information under STRUCTURAL STEEL for connection design requirements.

SPECIAL STRUCTURAL INSPECTIONS AND TESTING

In accordance with IBC 2015, Chapter 17, Special Structural Tests and Inspections are required for this project, in addition to material testing.

The owner will provide the following special structural tests and inspections, per the requirements of IBC Sections 1704.3 and 1705:

A) Excavation and Backfill (IBC Section 1705.6 and Table 1705.6):

Verify footing excavation for suitability for planned footing. Verify materials used for compacted backfill, and test compacted backfill for specified compaction from project soils report and/or specifications.
B) Concrete (IBC Section 1705.3 and Table 1705.3):
Testing:
Submit proposed mix design of each class of concrete to inspection and testing firm for review prior to commencement of concrete operations.
Compressive Strength Tests: ASTM C 39/C 39M. For each test, mold and cure four concrete test cylinders. Obtain test samples for each class of concrete poured each day. One test for the first 25 cubic yards and an additional test for each 50 cubic yards thereafter, or portion thereof. Test one cylinder at seven days, two at 28 days, and store one cylinder for possible further use.
Take one additional test cylinder during cold weather concreting, cured on job site under same conditions as concrete it represents.
Perform one slump test for each set of test cylinders taken, following procedures of ASTM C 143/C 143M.
Measure air content and temperature for each concrete test.
The testing agency shall report test results in writing to Architect and Contractor within 24 hours of test.

Reinforcing Steel:

Inspect and report on concrete reinforcing steel for all concrete footings, walls, and piers. Inspect steel size and placement in accordance with ACI 318.

CONCRETE MASONRY ASSEMBLIES

All concrete masonry units shall be ASTM C-90, Grade N, Type I units.

All mortar shall be Type S, proportioned by volume according to ASTM C270, except Type M shall be used below grade, unless indicated otherwise.

All grout shall have 3/8" maximum aggregate size and 8" - 10" slump.

All wall openings shall be reinforced with 2 - #5 bars each side minimum. Reinforcing shall extend full wall height vertically and 2'-0" beyond opening horizontally. Each pair of bars shall be grouted solid in one cell, on an axis perpendicular to the wall. Place full-height reinforcing in the first adjacent full-height core and grout core(s) below lintel bearing solid to footing.

See typical details on S301 for masonry wall reinforcing at all openings in CMU walls.

Provide minimum 2-#5 @ 8" oc verticals and matching footing dowels below all beam bearings.

Extend vertical reinforcing from footing to 2" clear of top of wall.

Provide #5 @ 40" oc vertical and footing dowels for all walls on structural drawings, unless indicated otherwise.

Provide 2-#5 continuous with corner bars at all bond beams shown on drawings, unless indicated otherwise.

Splices for vertical and horizontal bars shall lap 72 bar diameters or 24" minimum.

Maximum corefill height is 4'-0" per lift.

When typical vertical wall reinforcing is interrupted by door, window, mechanical, or other wall openings, provide typical vertical wall reinforcing above and below opening, and extend into horizontal bond beams.

Bond beam reinforcement shall be continuous through control joints and at building corners. Lap reinforcement 48 bar diameters or 24" minimum.

Provide 9 gauge galvanized truss type horizontal joint reinforcement at 16" on center in all interior and exterior masonry walls.

Tooth in new block at all joints of new to existing and grout common cells solid, unless indicated otherwise.

Lay up all masonry units in running bond, unless indicated otherwise on structural drawings.

CONCRETE MASONRY WALL LINTELS

Use lintel blocks at all lintel locations.

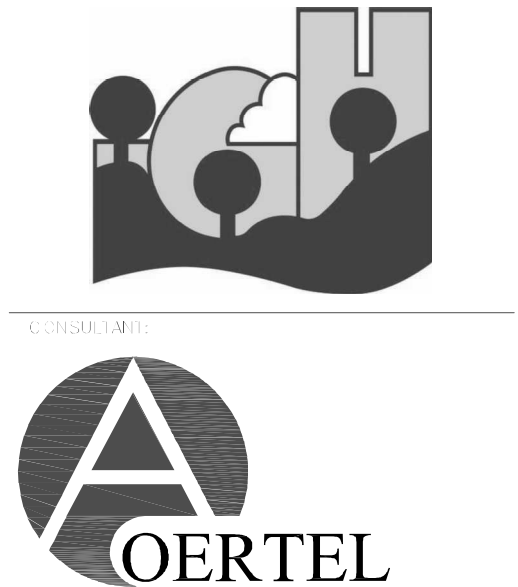
Masonry lintels to bear 8" minimum at jambs. Extend reinforcing full length.

Bear all lintel block and bond beams 8" minimum into supporting walls and extend vertical reinforcing through lintel and bond beams.

Where masonry lintel is continuous over two openings with intermediate support reinforce lintel with two bars top and bottom and provide standard hook on top bars at ends.

All openings in masonry walls not indicated otherwise shall have reinforced concrete masonry lintels as follows:

Openings to 6'-0"	Use 8" deep lintel blocks
Openings above 6'-0" to 12'-0"	Use 16" deep lintel blocks
8", 10", and 12" wide lintels to have 2-#5 bottom bars.	



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2352 E County Road J
White Bear Lake, MN 55110
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NO.	DATE	DESCRIPTION

SOUTH VALLEY PARK
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2810 70TH ST E
INVER GROVE HEIGHTS, MN 55076

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Richard L. Mersch

Signature
Richard L. Mersch

Name
40124 12/22/22
License # Date

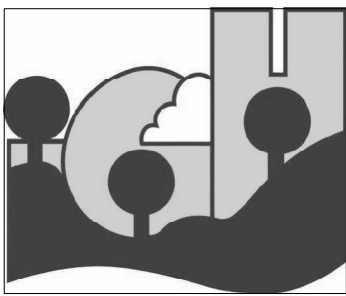
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DRAWN BY:	12/22/22
CHECKED BY:	RLM
SHEET NUMBER:	JPG

GENERAL NOTES

SHEET NO:

S002

Page 216 of 307



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Richard L. Mersch

Signature

Richard L. Mersch

Name

40124

12/22/22

License #

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20-05

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RLM

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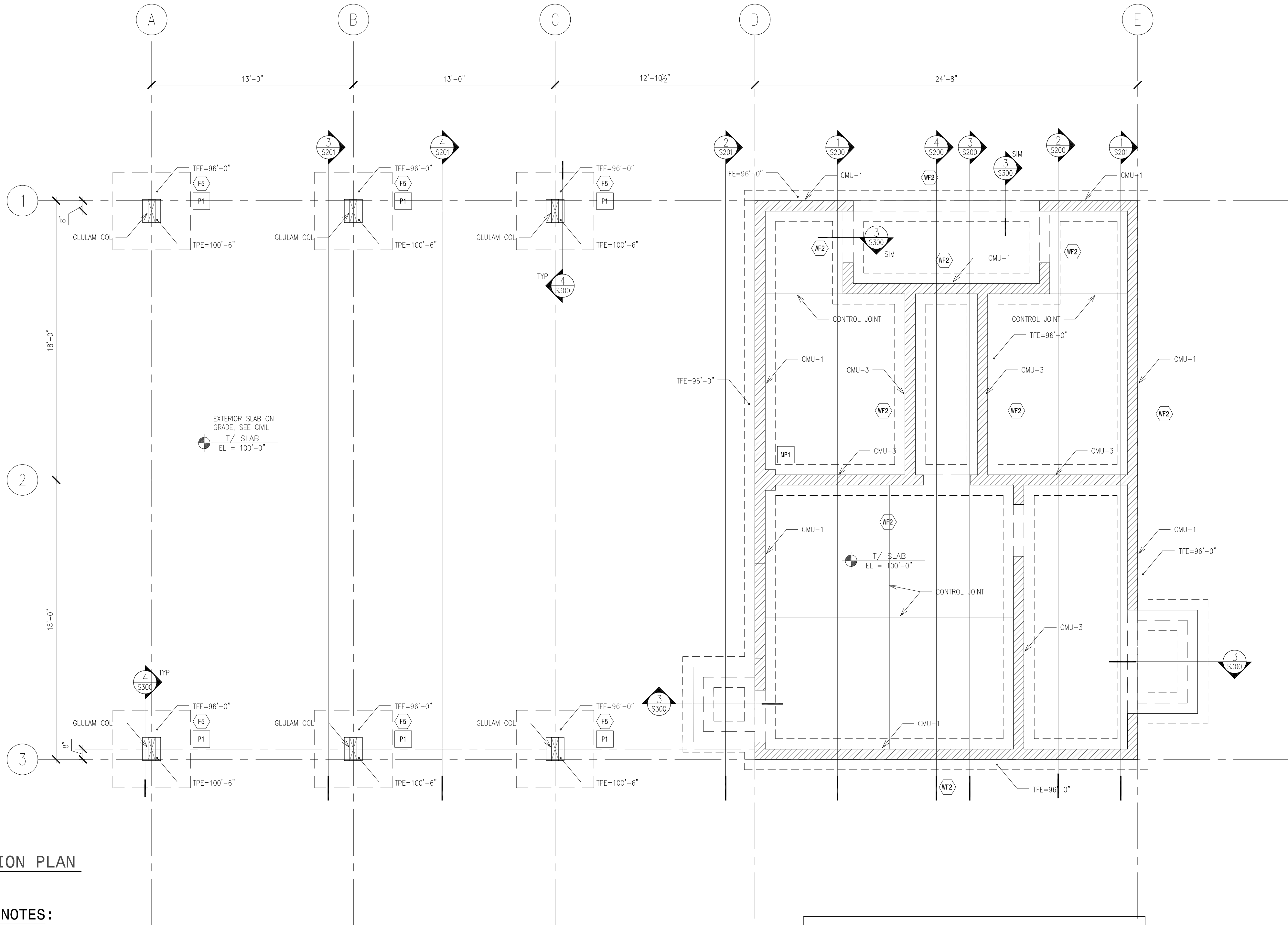
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SHEET NAME

**FOUNDATION
PLAN**

SHEET NO.

S100



1 FOUNDATION PLAN

No Scale

PLAN NOTES:

UNLESS NOTED OTHERWISE

- SEE SHEETS S001 AND S002 FOR STRUCTURAL NOTES (INCLUDING STEEL GRADES AND CONCRETE/CMU AND WOOD STRENGTHS).
- SEE SHEET S301 FOR CMU WALL REINFORCING SCHEDULES AND TYPICAL DETAILS.
- ALL GLULAM SIZES AND CONNECTIONS BY GLULAM SUPPLIER UNLESS NOTED OTHERWISE.
- PROVIDE 4" SLAB ON GRADE REINFORCED WITH 6x6/W1.4 x W1.4 WWF PLACED IN UPPER THIRD OF SLAB. AT CONTRACTORS OPTION, AND WITH APPROVAL OF ARCHITECT, FIBER MESH MAY BE SUBSTITUTED FOR WWF AT THE RATE OF 1.5#/CY.
- TOP OF SLAB ON GRADE ELEVATION = 100'-0" UNLESS NOTED. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ALL IN-FLOOR HEATING REQUIREMENTS.
- PLACE ALL STOOP SLABS ON MINIMUM 4'-0" DEPTH OF CLEAN GRANULAR FILL MATERIAL.
- TOP OF FOOTING ELEVATION AS NOTED ON PLAN.
- SEE ARCHITECTURAL & CIVIL DRAWINGS FOR FOUNDATION DRAINAGE SYSTEM.
- REFER TO THE ARCHITECTURAL DRAWINGS AND/OR COORDINATE WITH THE ARCHITECT REGARDING MISSING DIMENSIONS.

FOOTING SCHEDULE

MARK	SIZE	REINFORCEMENT
WF2	2'-0" x 1'-0" x CONT	2 - #5 CONT
F5	5'-0" x 5'-0" x 1'-0"	6 - #5 EACH WAY, BOTTOM

NOTES:
UNLESS NOTED OTHERWISE

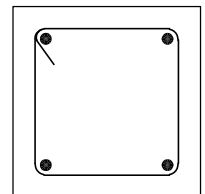
- PROVIDE 4-3/4" DIA ANCHOR BOLTS UNLESS NOTED OTHERWISE. SEE S/S300 FOR TYPICAL ANCHOR BOLT DETAIL.

CONCRETE PIER SCHEDULE

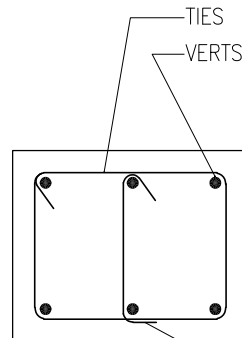
MARK	SIZE	VERT REINF	REMARKS
P1	14"x18"	8-#6	

NOTES:
UNLESS NOTED OTHERWISE

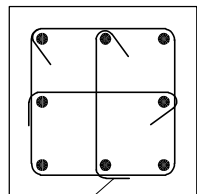
- TOP OF PIER ELEVATION = 100'-6" UNLESS DETAILED OTHERWISE.
- SEE 4/S300 FOR TYPICAL CONCRETE PIER DETAIL.
- PROVIDE MATCHING DOWEL TO FOOTING AT EACH VERT BAR.
- PROVIDE #4 TIES @ 12" OC (MAX) FULL HEIGHT OF PIER. ADD 3-#4 @ 3" OC AT TOP OF PIER.
- PROVIDE #4 CROSSTIES AS SHOWN BELOW WITH 90 DEGREE HOOK ONE END AND 135 DEGREE HOOK OTHER END.
- PROVIDE PIER TYPE P1 UNLESS NOTED OTHERWISE ON PLAN.



4 BAR



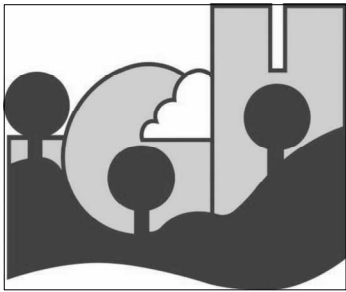
6 BAR



8 BAR

ALT 90° & 135°
STD HOOKS

PIER TIE DIAGRAMS



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DESCRIPTION

DATE

NO.

**SOUTH VALLEY PARK
PHASE 1 IMPROVEMENTS**

**SOUTH VALLEY PARK
2810 70TH ST E
INVER GROVE HEIGHTS, MN 55076**

PERMIT STAMP

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Richard L. Mersch

Signature

Richard L. Mersch

Name

40124

12/22/22

License #

Date

PROJECT NUMBER

20-05

DRAWN BY

12/22/22

CHECKED BY

RML

DATE

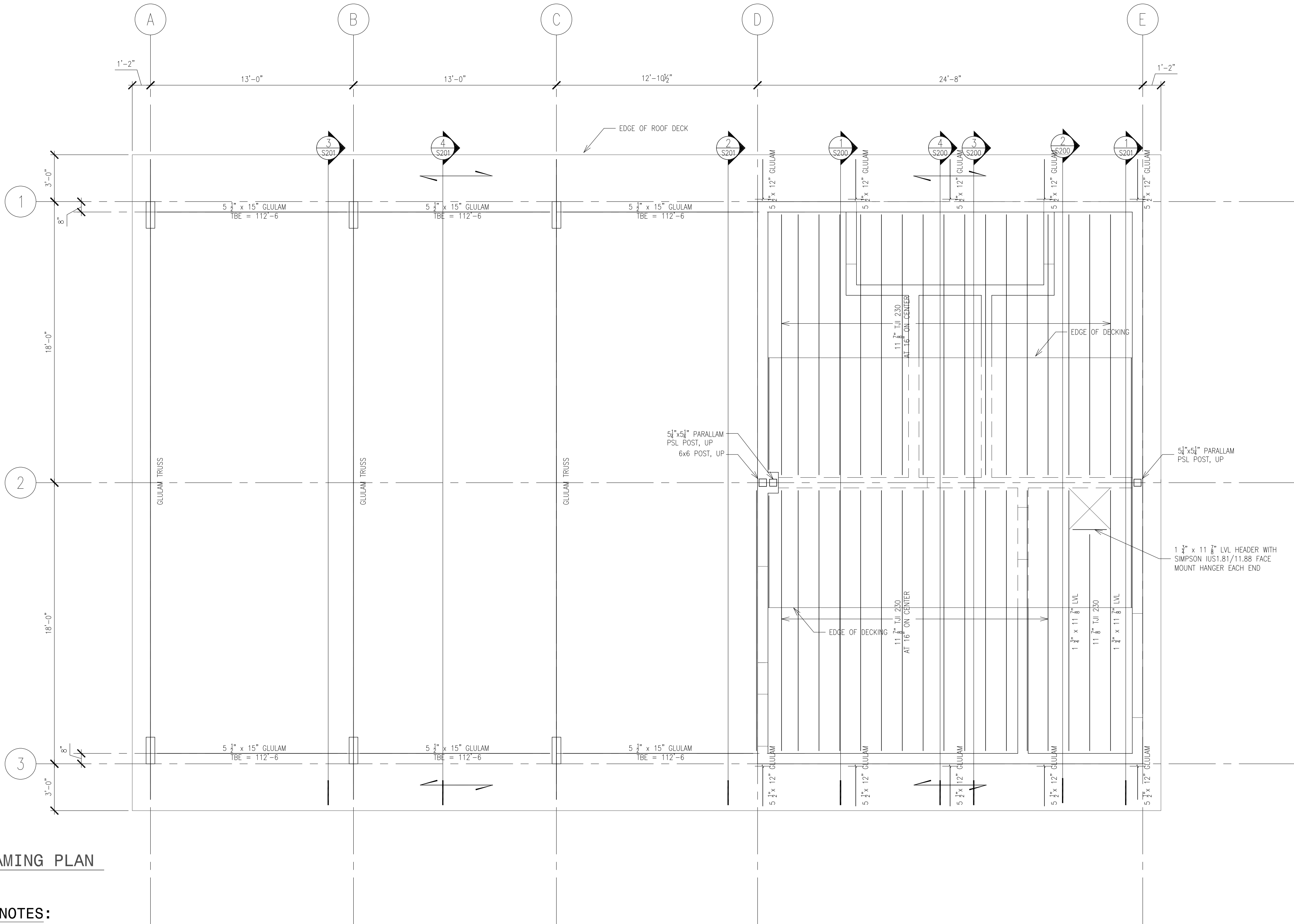
JPG

DATE

**CEILING
FRAMING
PLAN**

DATE

S101



1

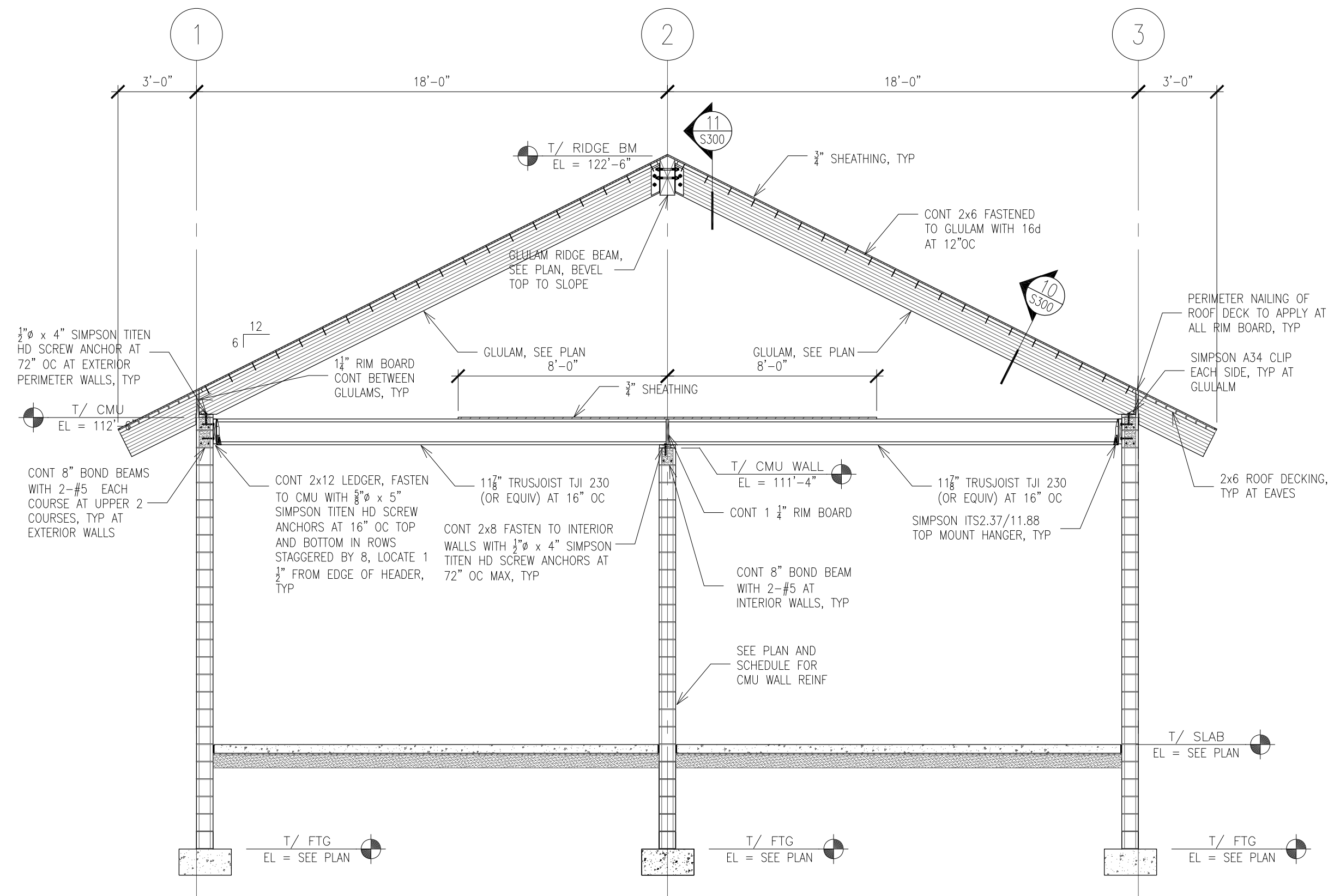
ROOF FRAMING PLAN

No Scale

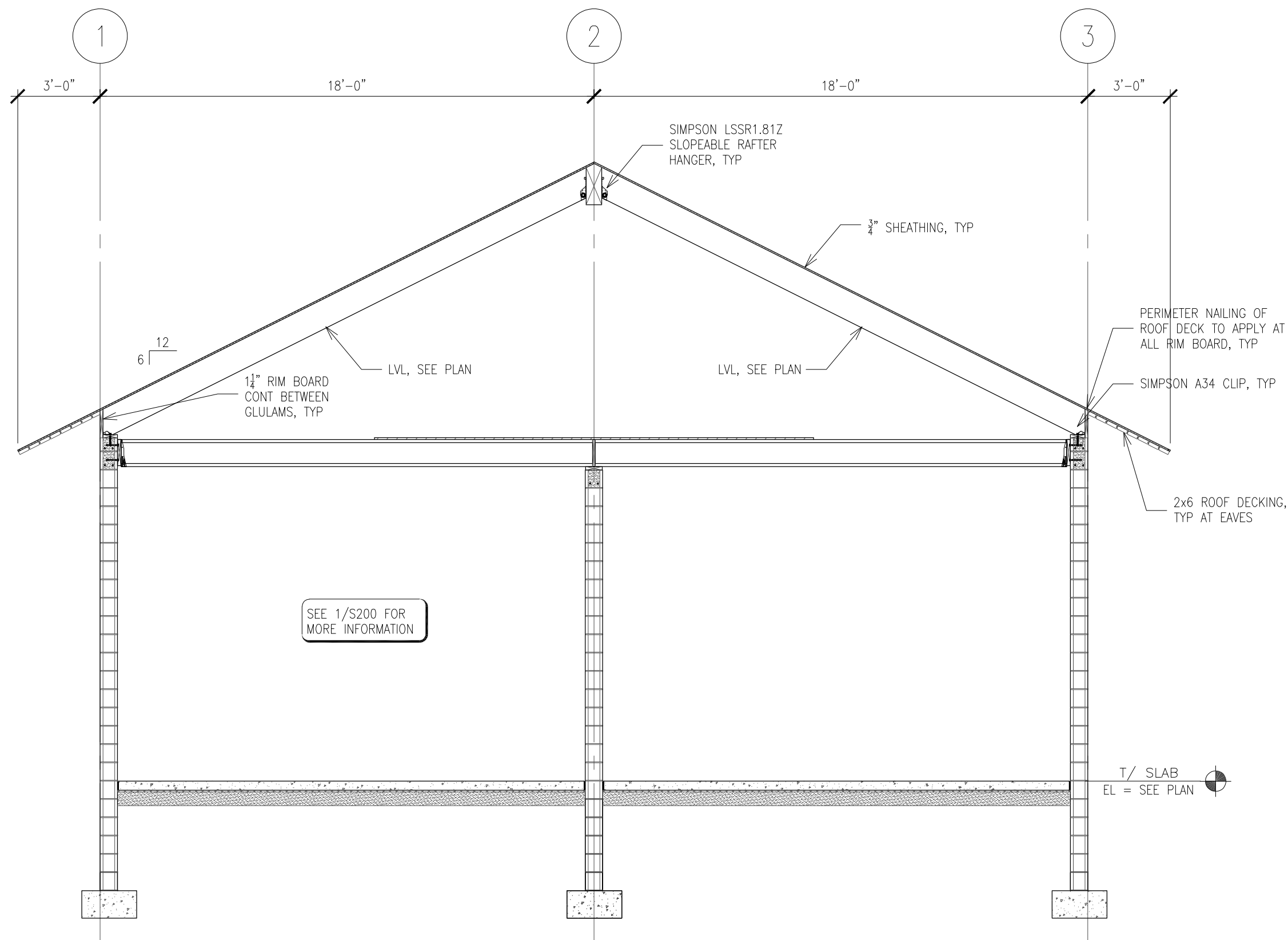
PLAN NOTES:

UNLESS NOTED OTHERWISE

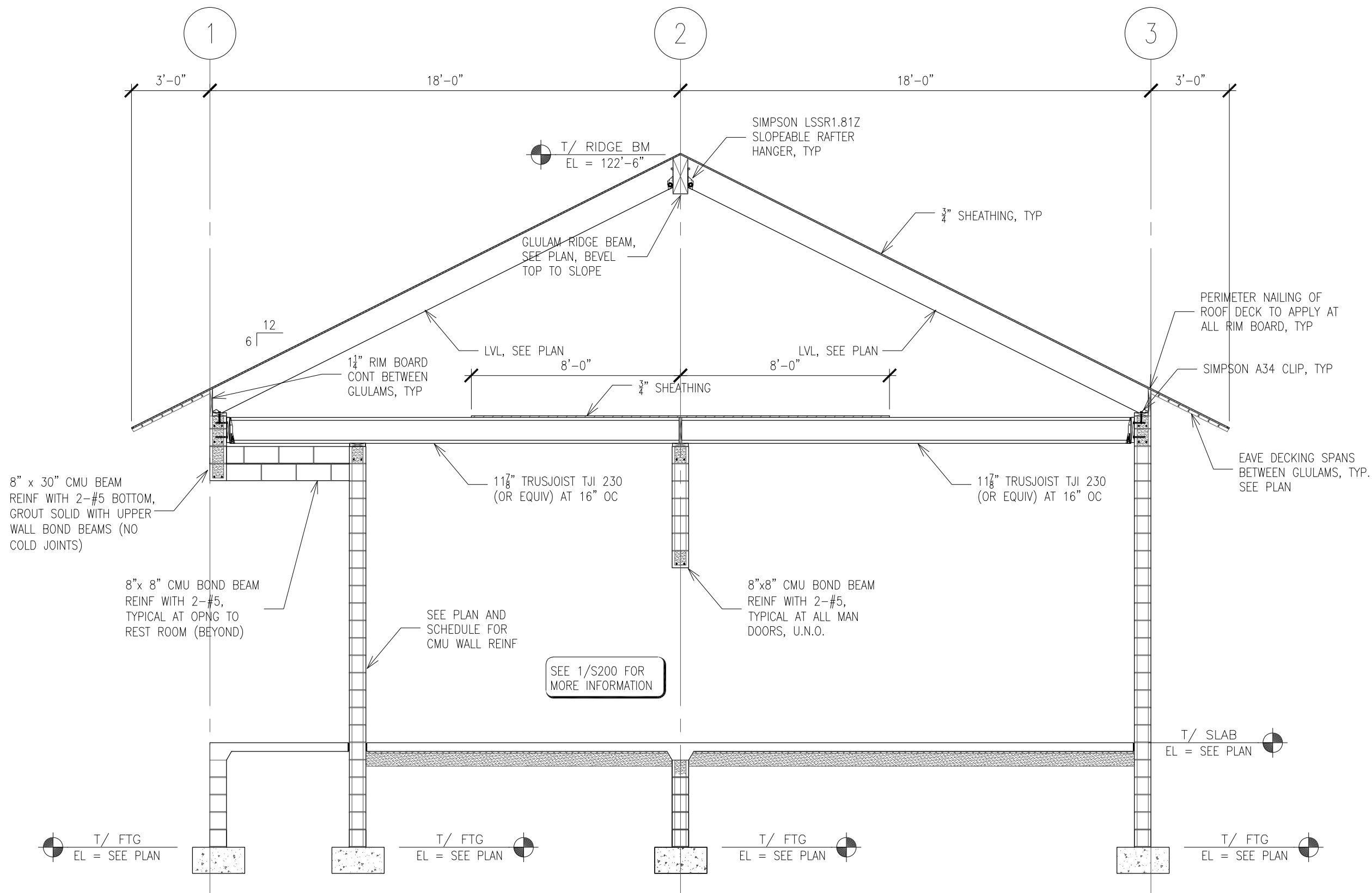
- PROVIDE 3/4" PLYWOOD SHEATHING OVER 1-JOISTS, FASTEN TO JOISTS WITH CONSTRUCTION ADHESIVE AND 8d NAILS AT 12" OC TO FRAMING.
- ON PLAN REPRESENTS 3/4" ROOF SHEATHING OVER 2x6 TONGUE AND GROOVE DECKING.
- TONGUE AND GROOVE DECKING TO BE INSTALLED IN TWO-SPAN CONTINUOUS MANNER, FASTEN ALL DECKING TO SUPPORTS USING (1) 12d FACE NAIL AND (1) 12d TOENAIL THROUGH THE TONGUE AT EACH SUPPORT.
- ALL 3/4" SHEATHING TO BE ATTACHED OVER DECKING AND/OR FRAMING WITH 8d NAILS AT 12" OC IN FIELD AND 6" OC AT PERIMETER. DO NOT OVERDRIVE NAILS AS PENETRATION THROUGH WOOD DECKING MAY OCCUR.
- NOTE THAT WOOD DECKING IS PRESENT OVER ALL OPEN SHELTER AREAS AND AT EAVES AND OVERHANGS OF ENCLOSED SHELTER.



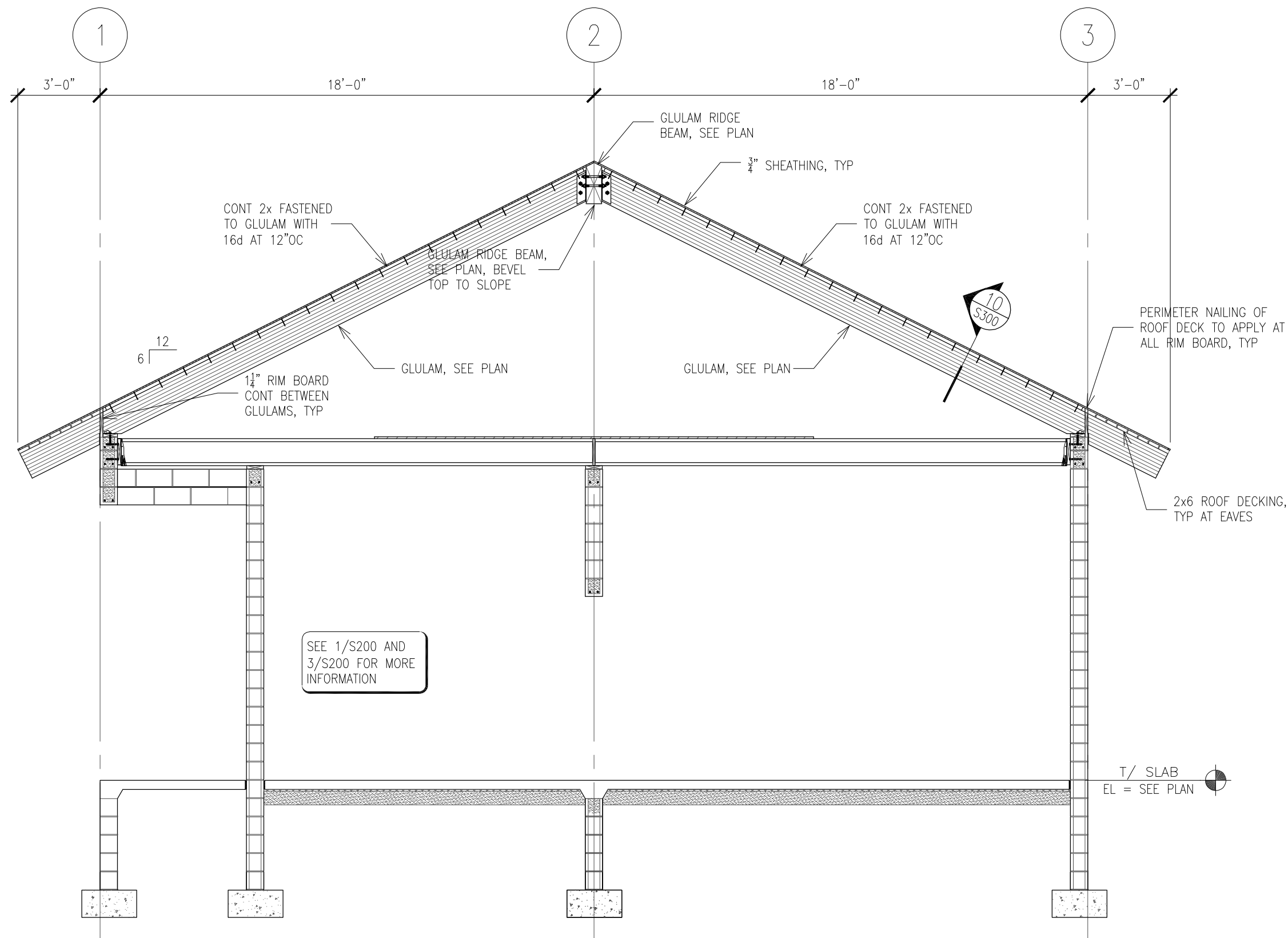
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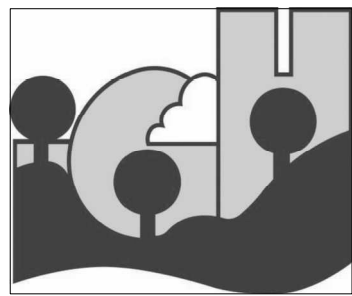
2 SECTION
No Scale



3 SECTION
No Scale



4 SECTION
No Scale



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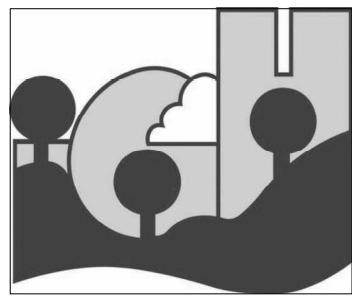
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ELEVATIONS

SHEET NO.

S200



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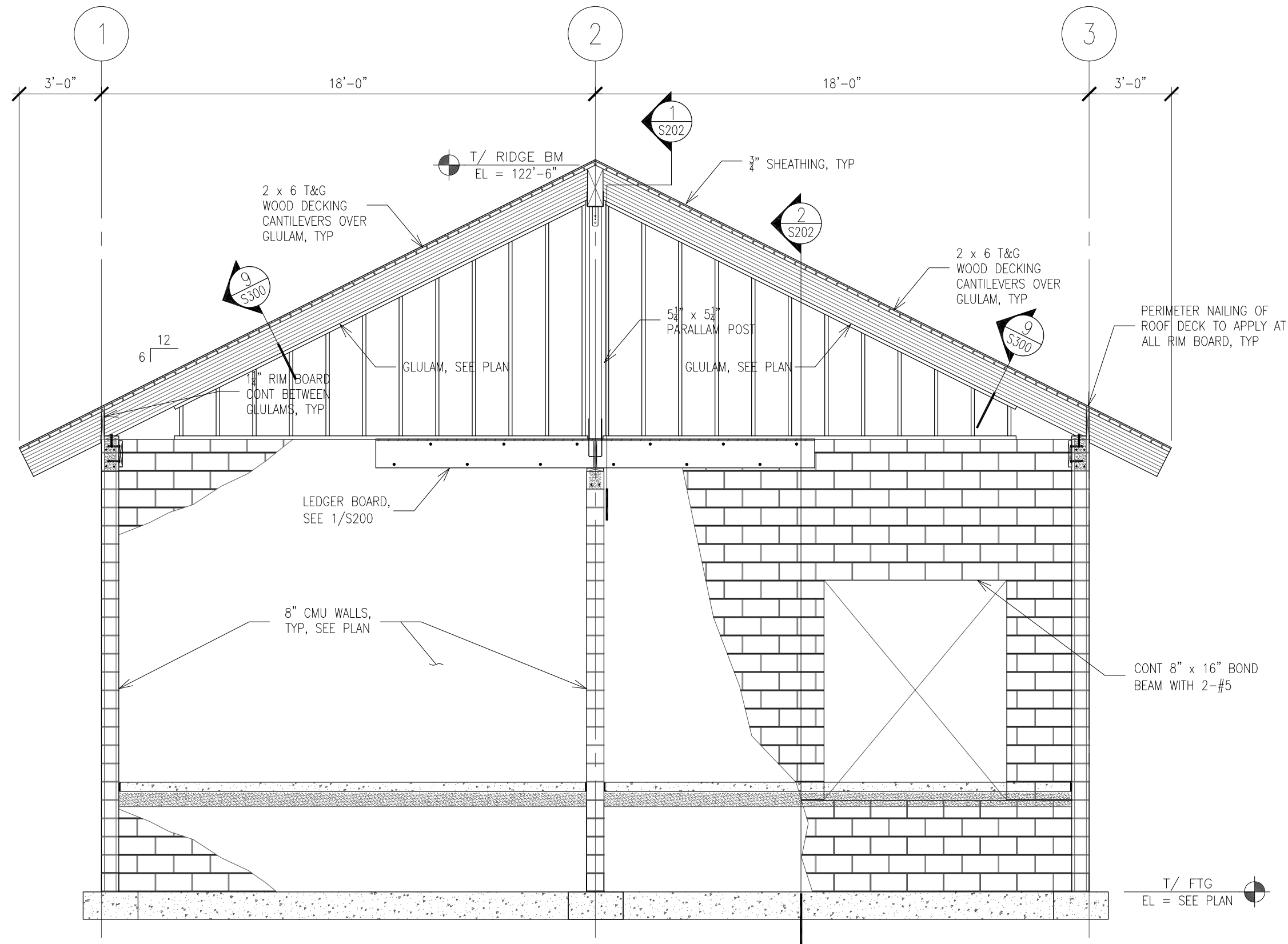
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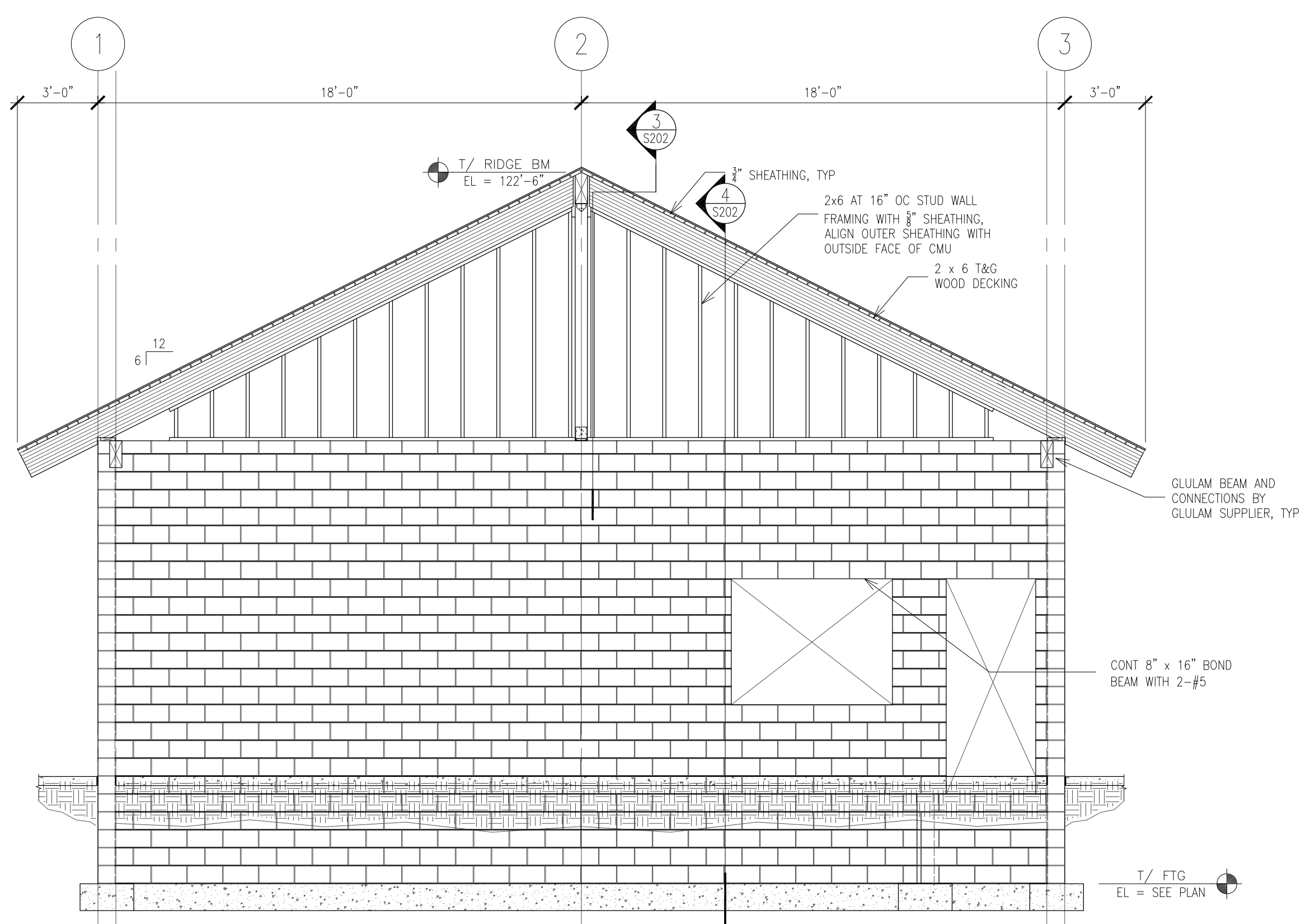
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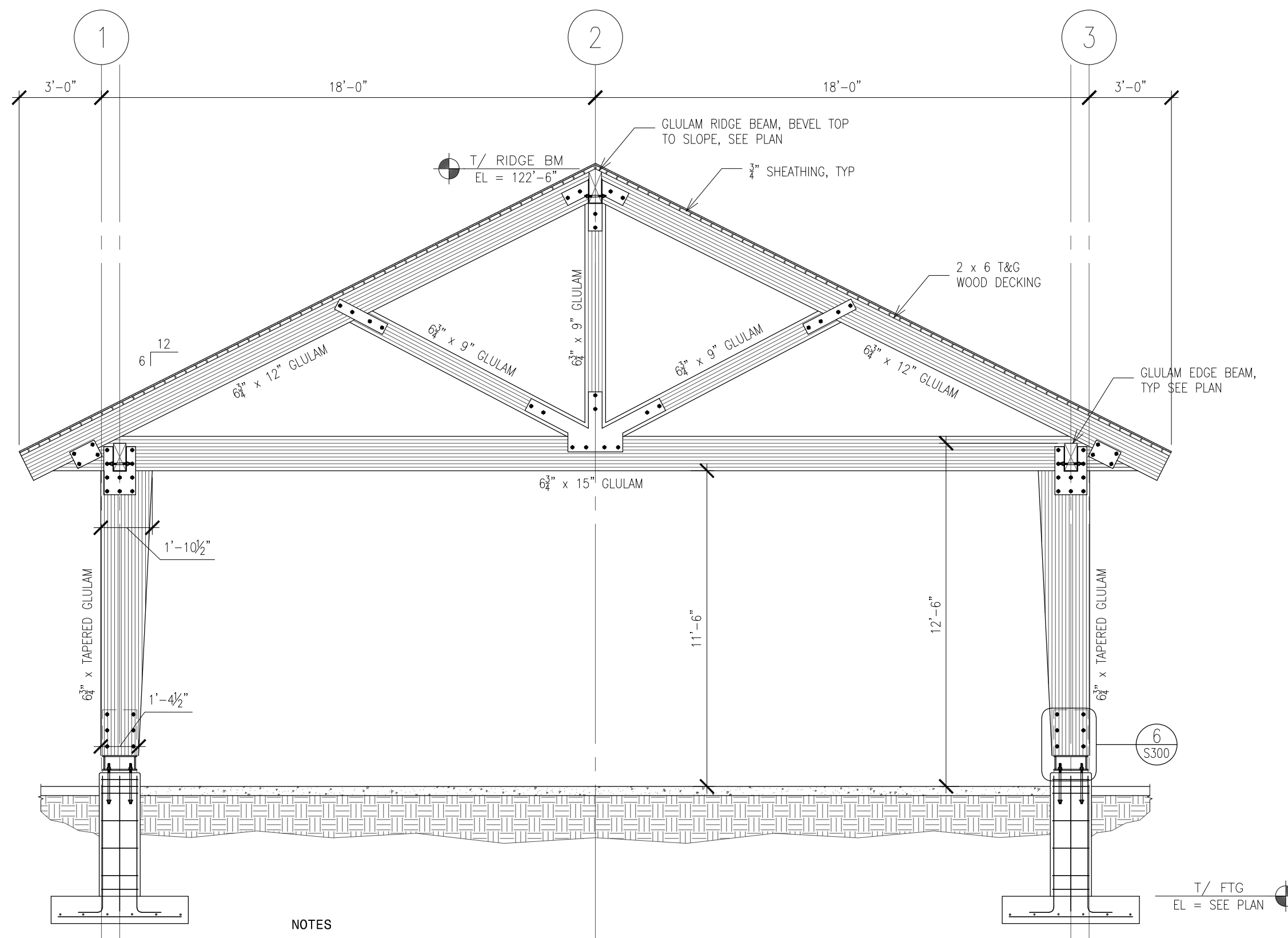
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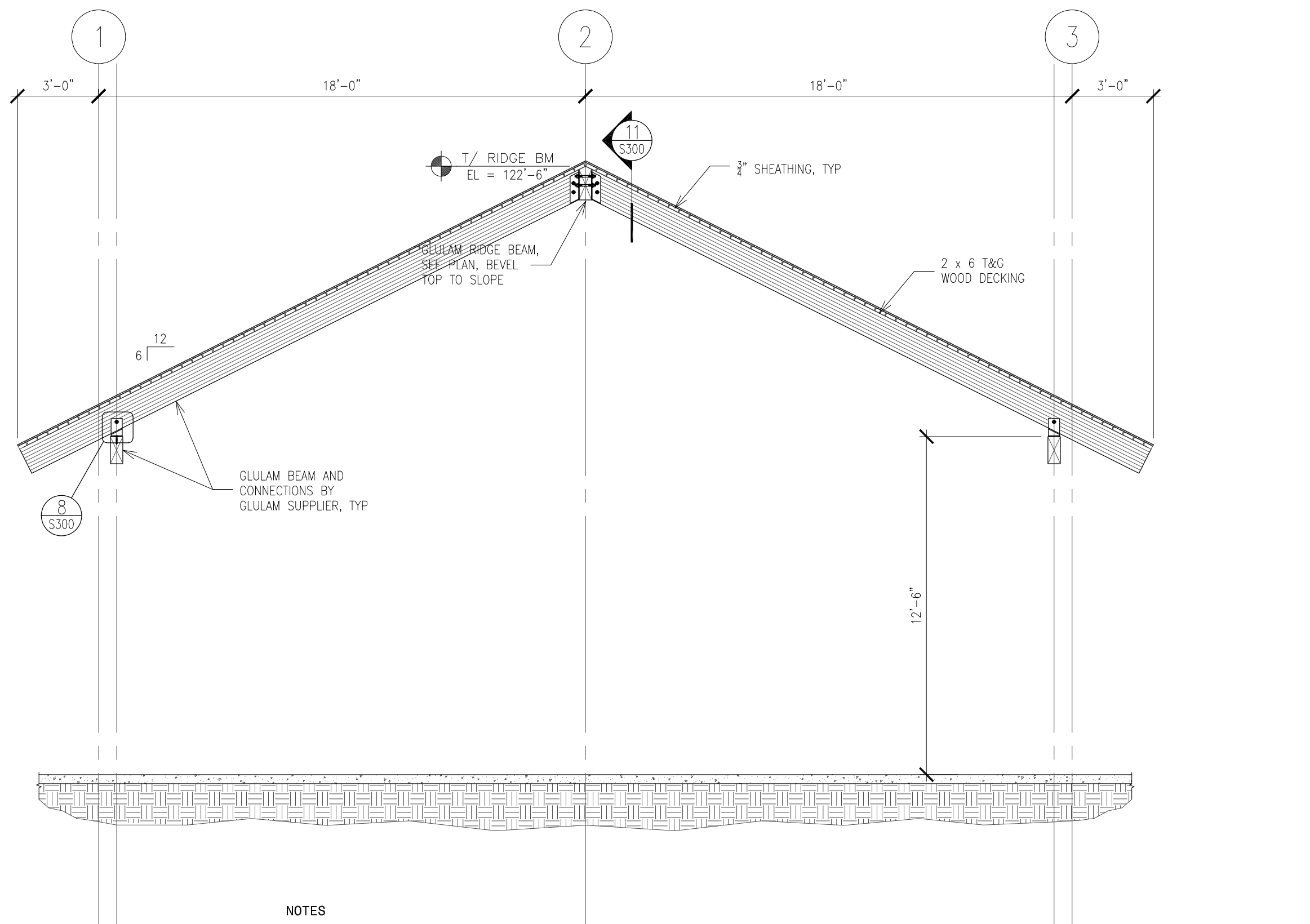
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No Scale



2 SECTION
No Scale



3 SECTION
No Scale



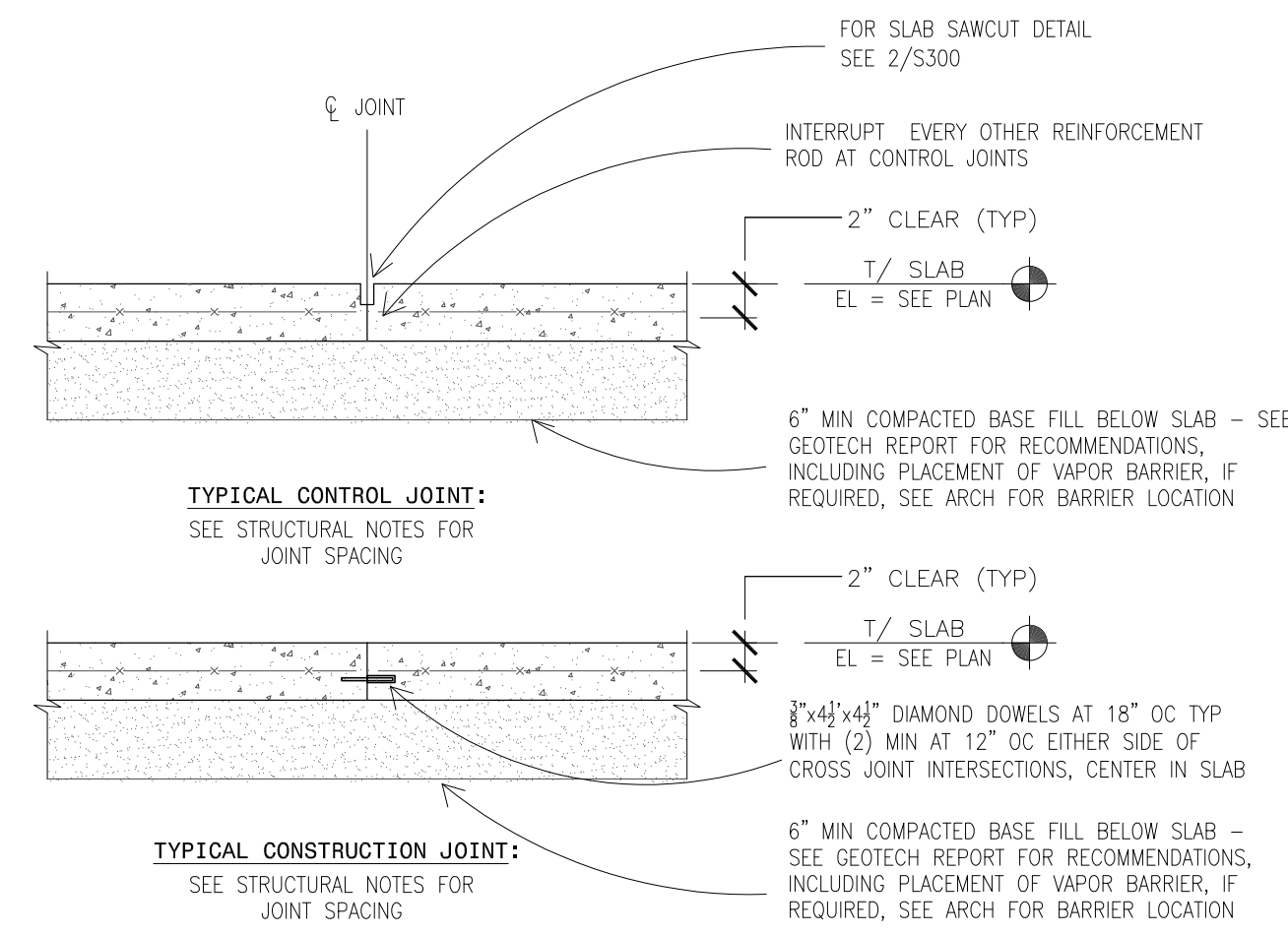
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No Scale

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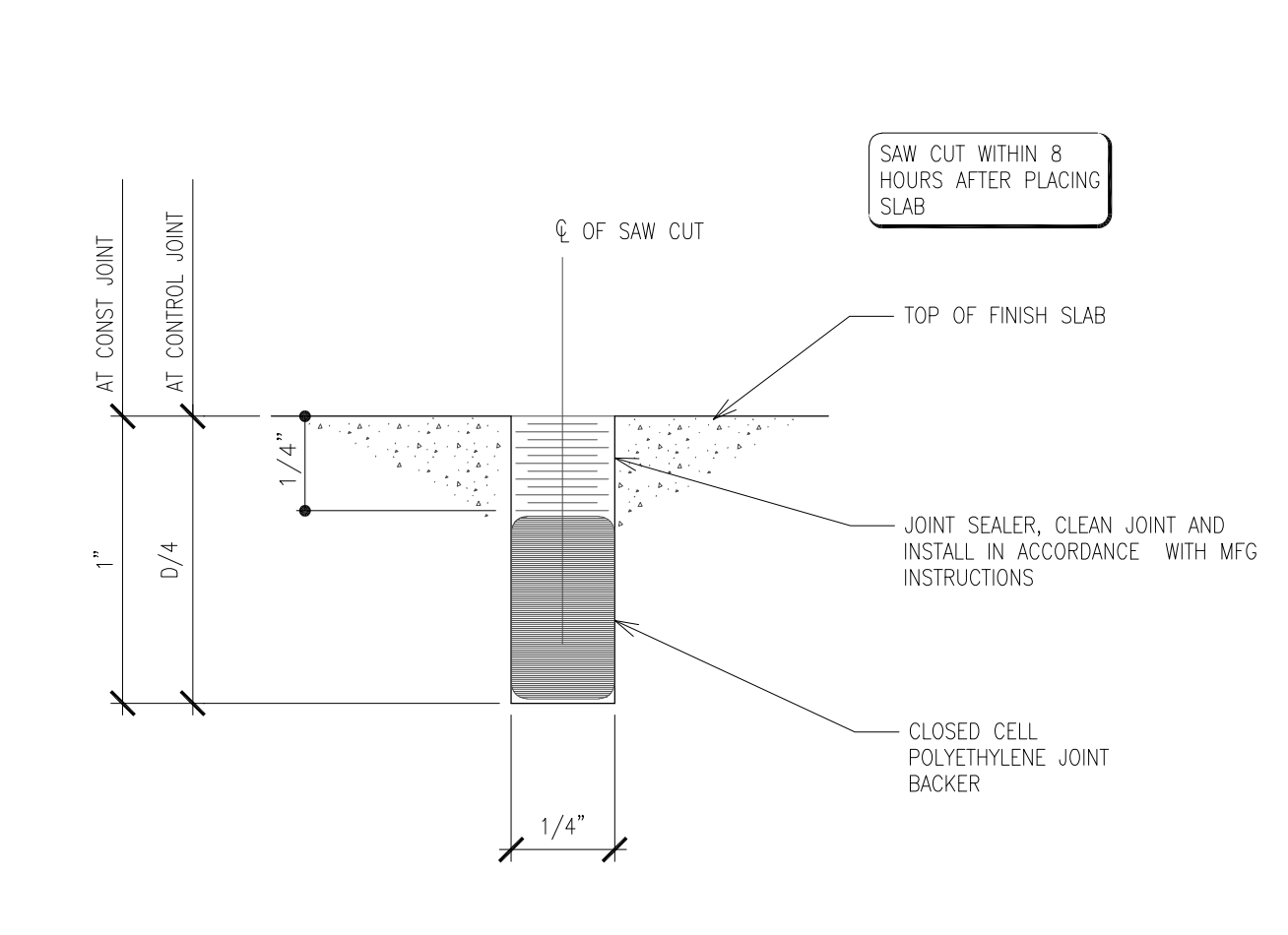
- GLULAM COLUMN AND TRUSS CONFIGURATION AS WELL AS CONNECTIONS DEPICTED ARE FOR DESIGN INTENT ONLY. SIZING IS REPRESENTATIVE OF DESIGN INTENT BUT MAY CHANGE DEPENDING UPON GLULAM DESIGN REQUIREMENTS. GLULAM SUPPLIER IS TO PROVIDE ALL SIZING AND CONNECTIONS REQUIRED.
- COLUMN BASE CONFIGURATION IS FOR DESIGN INTENT AND SUBJECT TO CHANGE AS REQUIRED TO MEET GLULAM DESIGN REQUIREMENTS.

NOTES

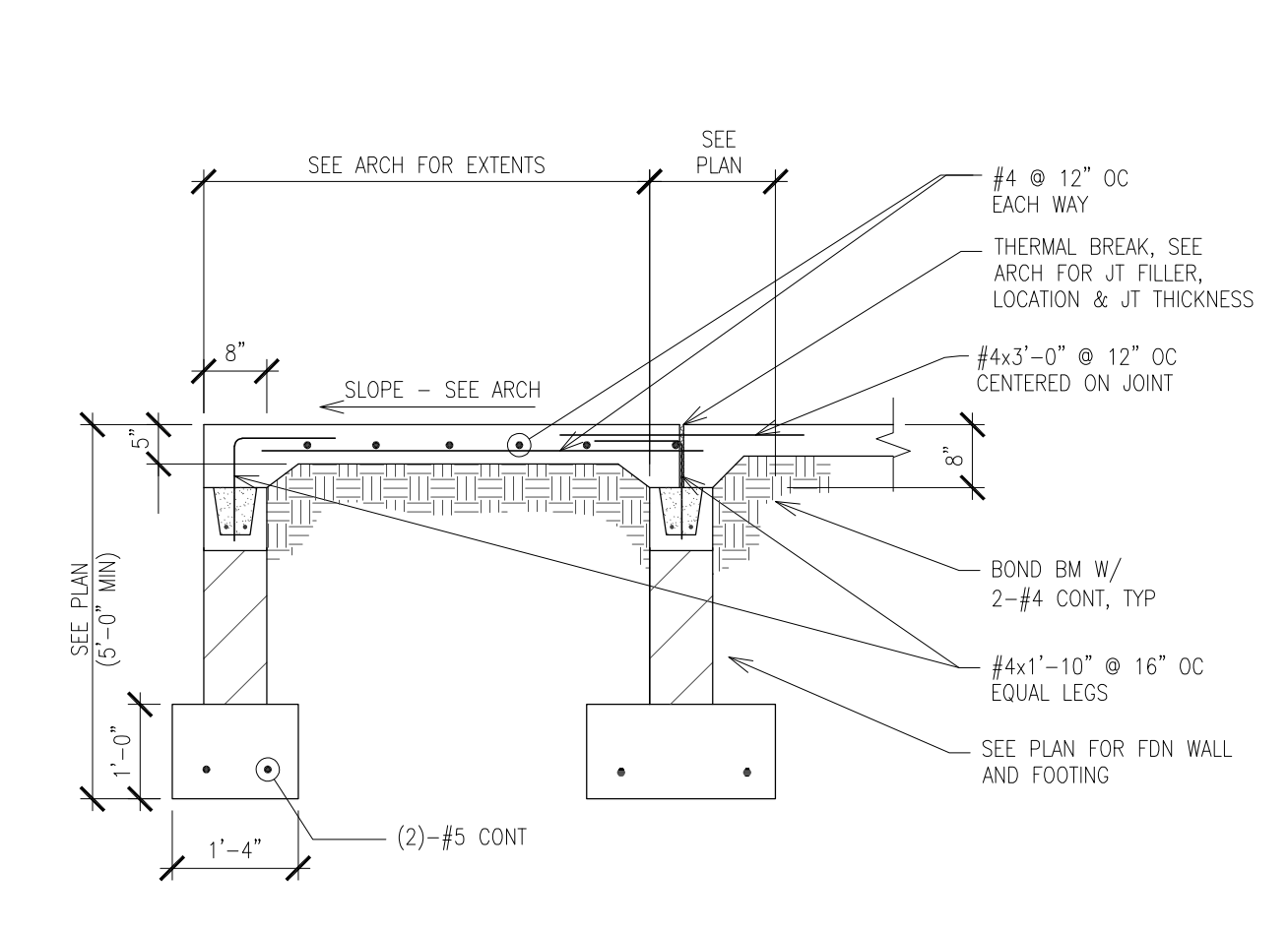
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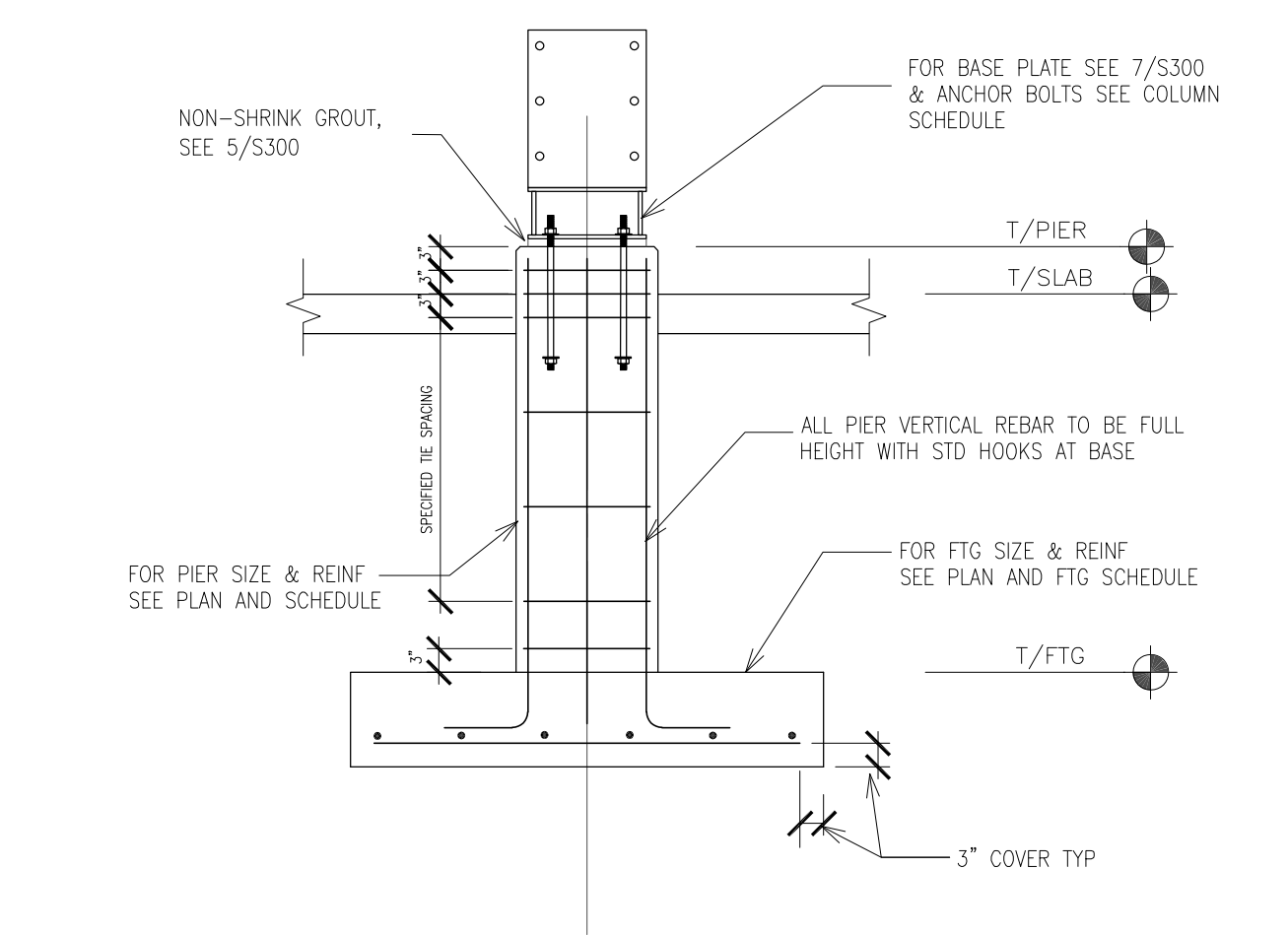
1 TYP SLAB ON GRADE JOINT DETAILS



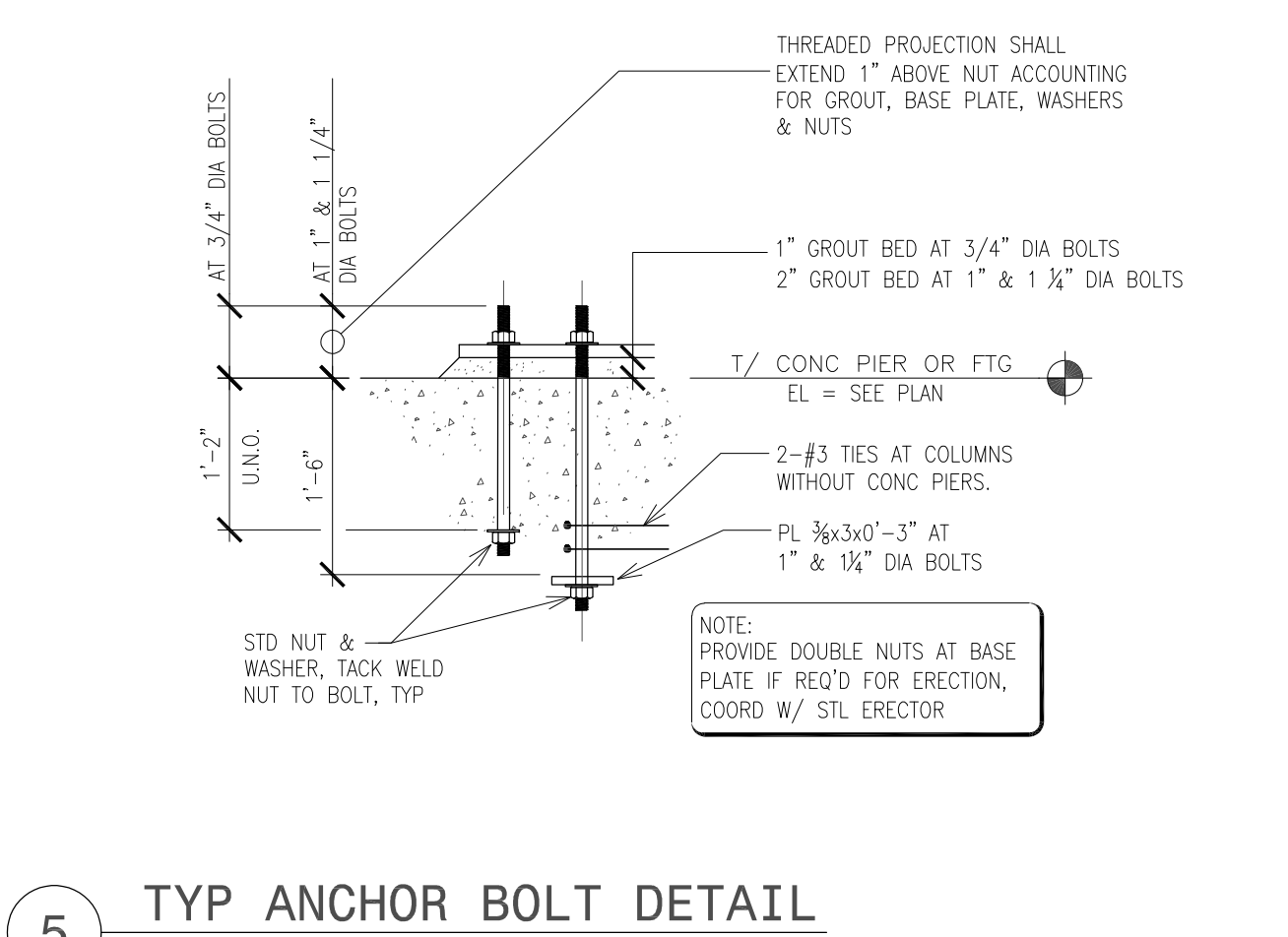
2 SAW CUT DETAIL



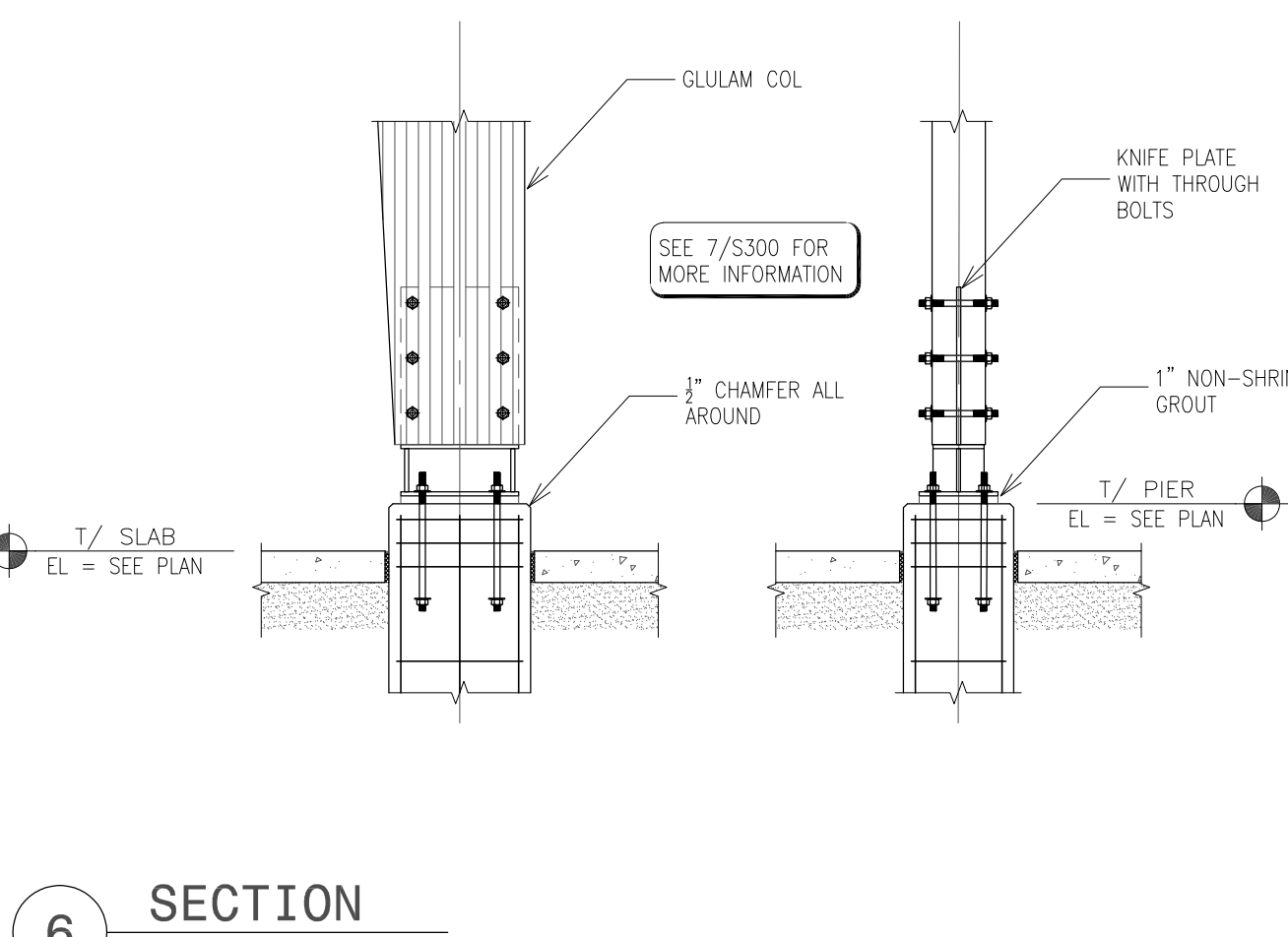
3 TYP STOOP SECTION



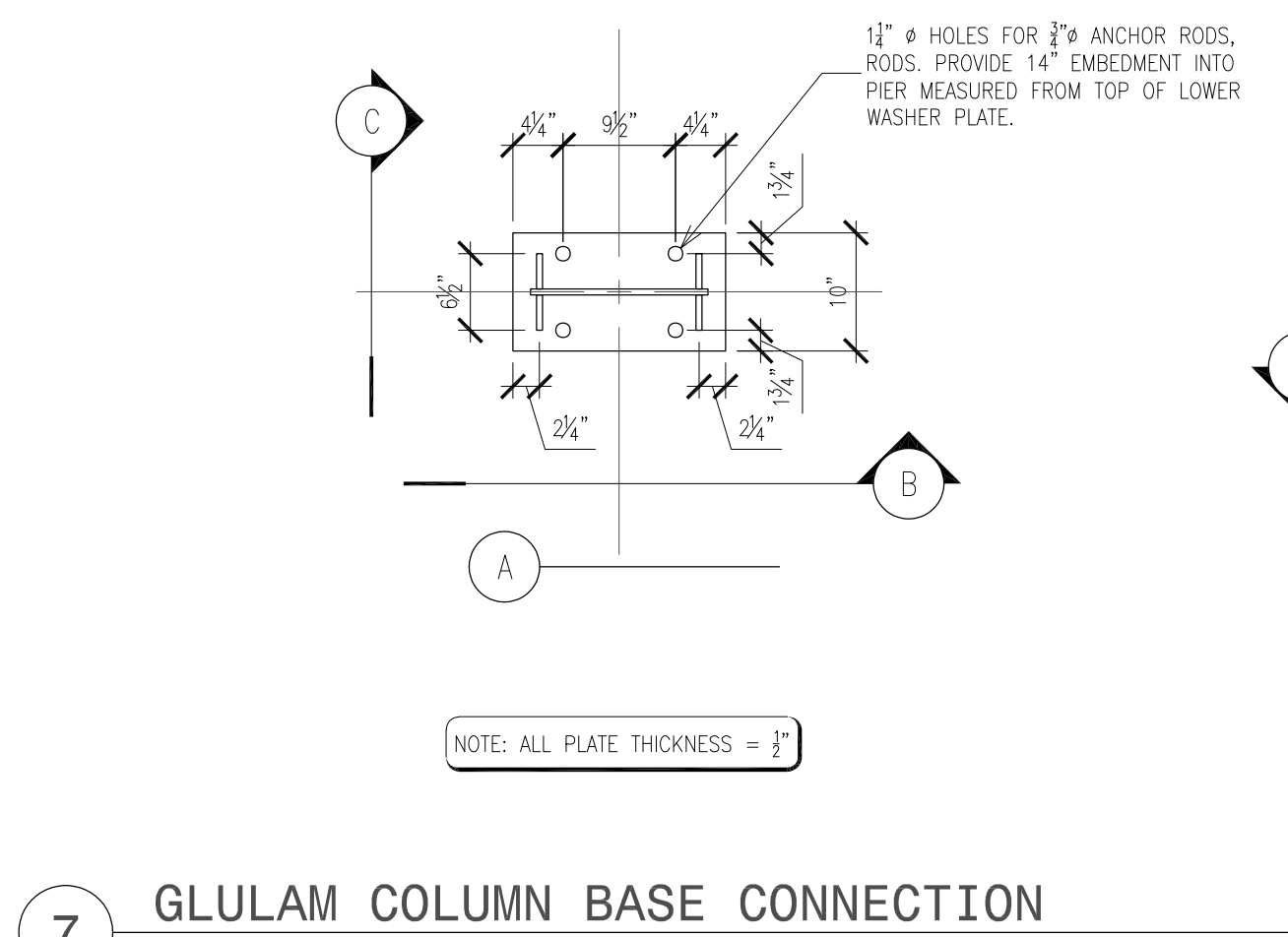
4 TYP COLUMN PIER DETAIL



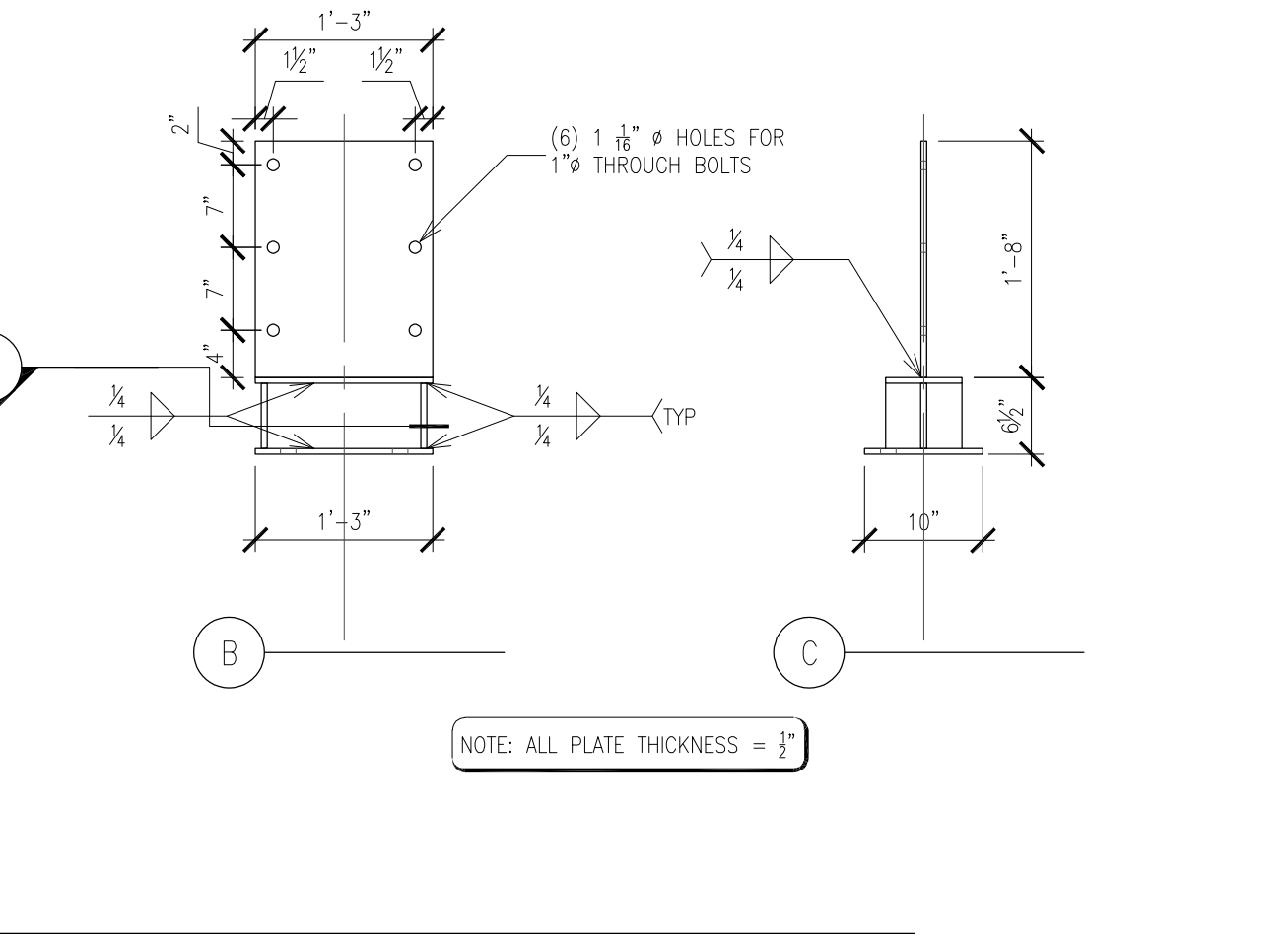
5 TYP ANCHOR BOLT DETAIL



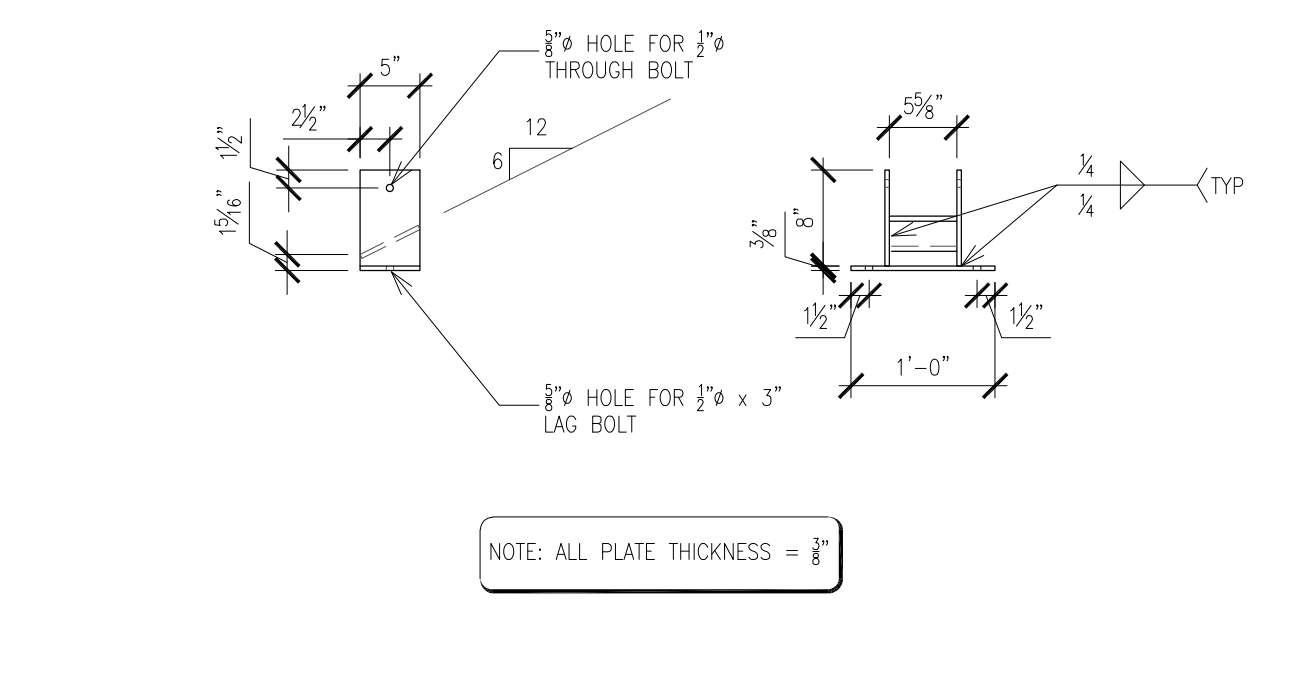
6 SECTION



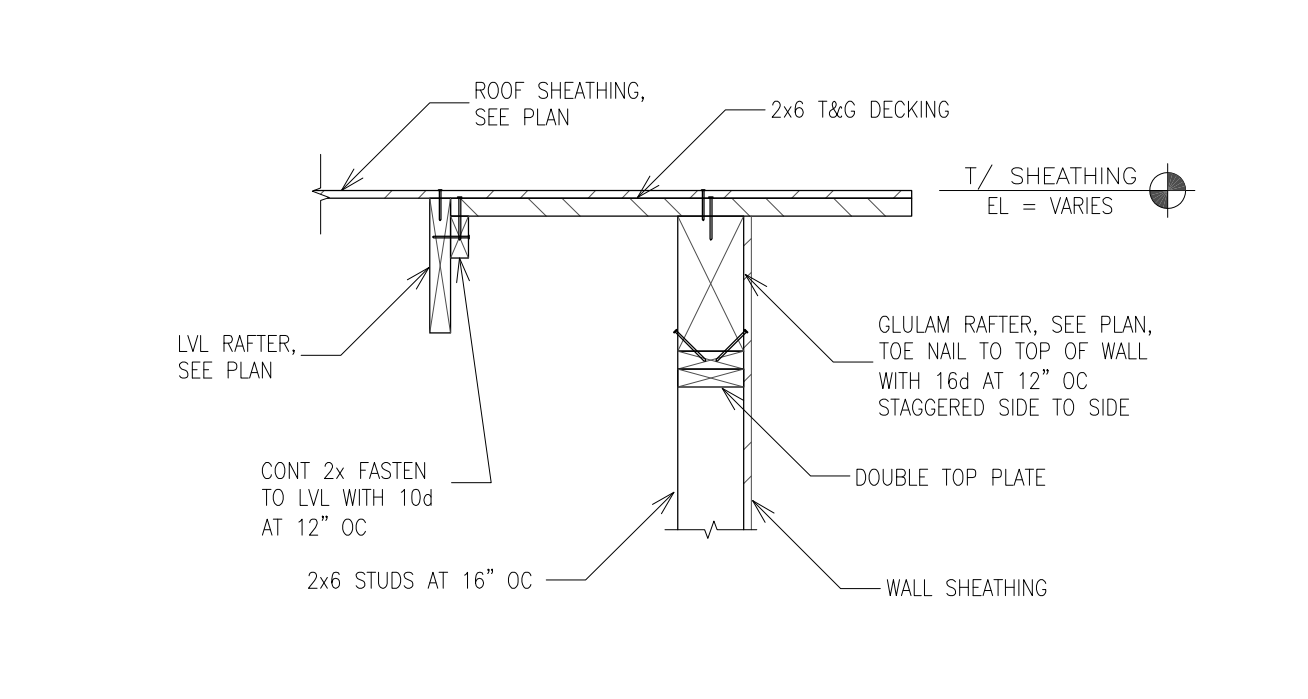
7 GLULAM COLUMN BASE CONNECTION



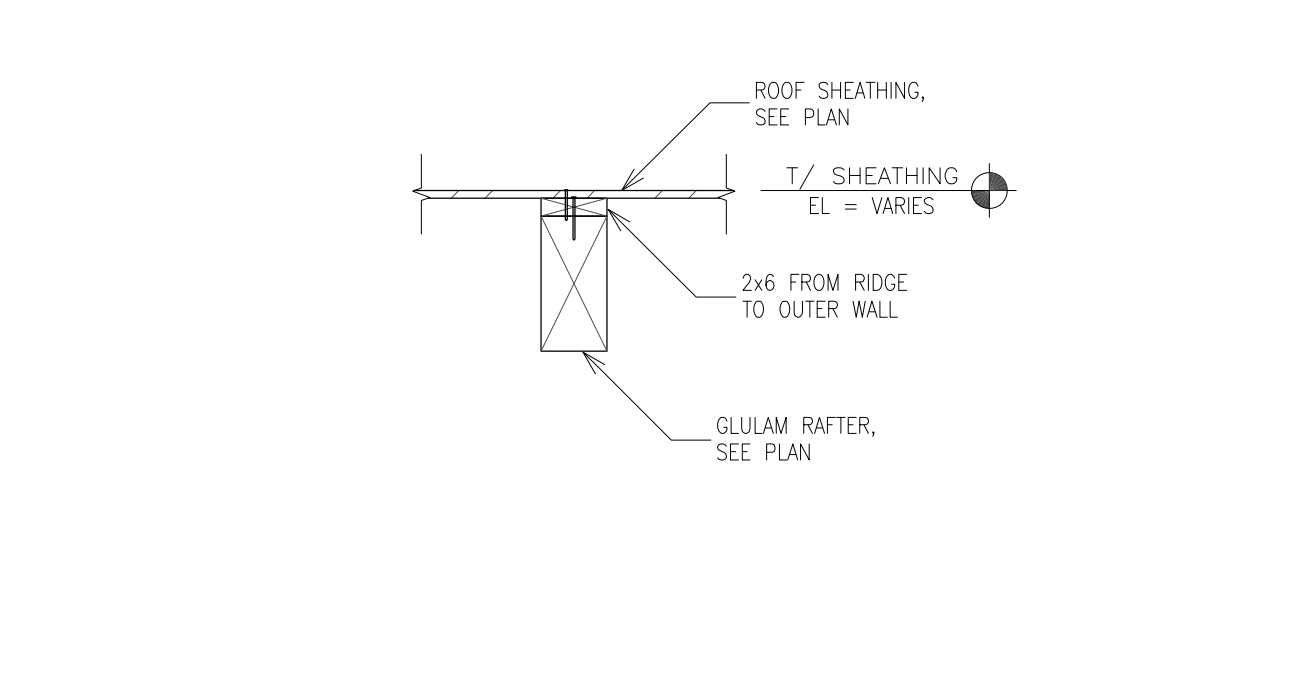
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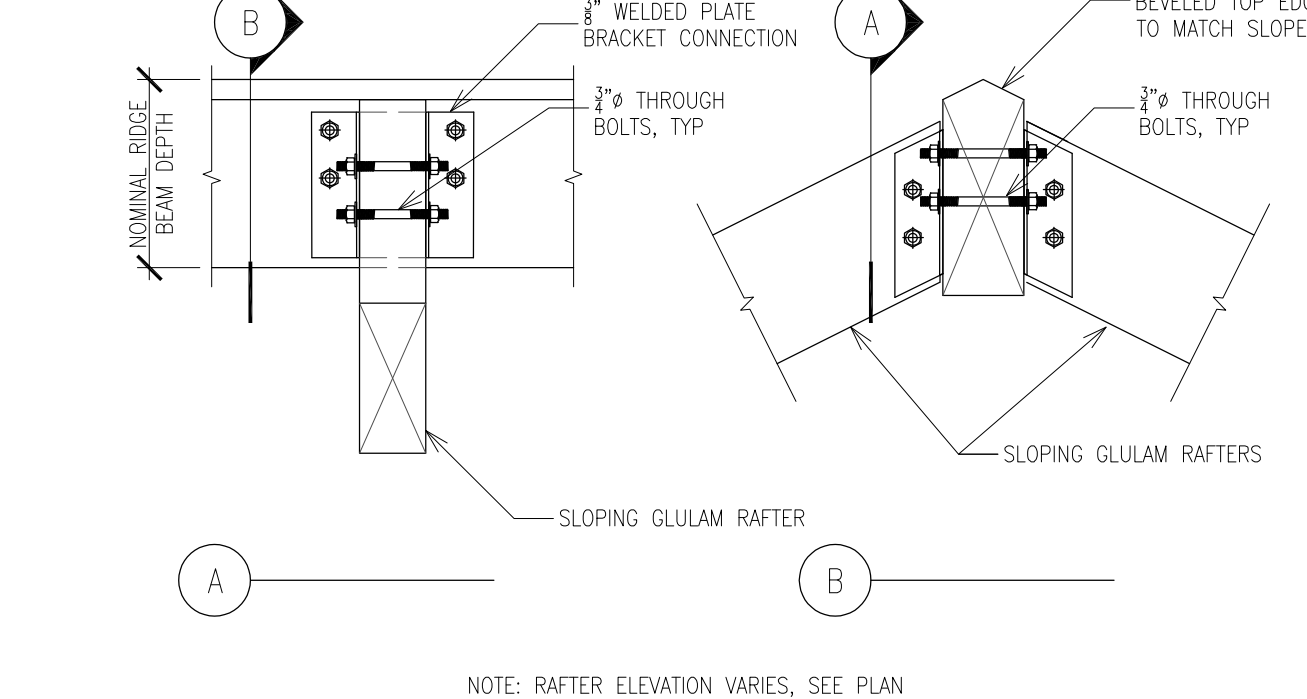
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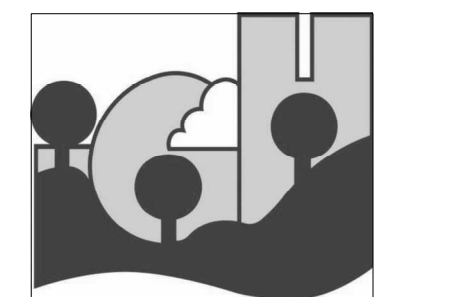
10 SECTION



11 SECTION



12 SECTION



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Name
40124 12/22/22
License # Date

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DETAILS

S300

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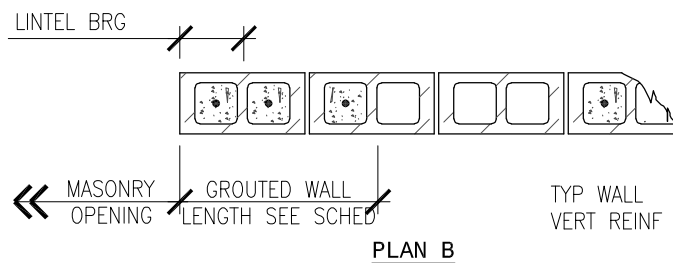
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SOUTH VALLEY PARK
3810 70TH ST E

Richard L. Muesel

Name

Page 224 of 307



No Scale

NOTES:
UNLESS NOTED OTHERWISE

-
- 16" x 16" CMU PIER/COL - PROVIDE 4-#5 VERTS & DWLS TO FTG, TIE W/#2 TIES @ 8" OC, ADD TIES @ 2" AND @ 5" CLEAR TOP IN ADDITION TO TYPICAL SPACING, TIE DIM = 9"x9", USE LINTEL BLOCKS TO MAKE PIER/COL AT ENDS OF WALLS WHERE 8" IS REQ'D, USE 16" LINTEL BLOCK OR OPEN END BLOCK AS REQ'D ALTERNATING AS REQ'D
- ALTERNATING COURSES ALIGNED VERTICALLY (TYP)
- IN-WALL COLUMN
- ALTERNATING COURSES ALIGNED VERTICALLY (TYP)
- END OF WALL COLUMN

4 No Scale



CMU BEARING PLATE SCHEDULE

3 No Scale

CMU BLOCK CONFIGURATION REQUIREMENTS

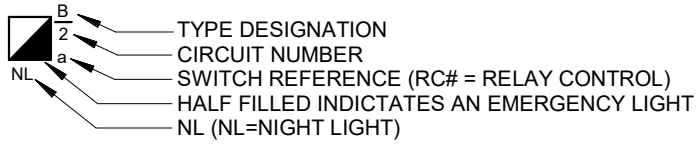
CMU WALL REINFORCEMENT SCHEDULE

1. ALL WALL DOWELS TO HAVE STD HOOK INTO FTG UNLESS NOTED OTHERWISE.
2. ALL BARS ARE CENTERED IN WALL UNLESS NOTED OTHERWISE.
3. PROVIDE REBAR POSITIONERS TO LOCATE BARS IN CORES.

ELECTRICAL ABBREVIATIONS

A	AMPERE	NA	NOT APPLICABLE
AB	ABOVE BACKSPLASH	NC	NORMALLY CLOSED
AC	ALTERNATING CURRENT	NO	NORMALLY OPEN
ADD	ADDENDUM	NF	NON-FUSED
AFF	ABOVE FINISHED FLOOR	OC	ON CENTER
AFG	ABOVE FINISHED GRADE	OS	OCCUPANCY CENTER
AHU	AIR HANDLING UNIT	PB	PULL-BOX
ARCH	ARCHITECTURAL	PE	PNEUMATIC-ELECTRIC SWITCH
ATS	AUTOMATIC TRANSWER SWITCH	PH	PHASE
AUTO	AUTOMATIC	PNL	PANEL
BCCT	BOTTOM OF CABLE TRAY	PR	PAIR
C	CONDUIT	PVC	POLY-VINYL-CHLORIDE
CB	CIRCUIT BREAKER	PWR	POWER
CCT, CKT	CIRCUIT	REC	RECEPTACLE
CCTV	CLOSED CIRCUIT CONNECTION	RM	ROOM
CLG	CEILING	S	DENOTES "SURFACE" DEVICE
COMB	COMBINATION	SHT	SHEET
CONN	CONNECT, CONNECTION	SPC	SPACE
CONTR	CONTRACTOR	SPR	SPARE
CUH	CABINET UNIT HEATER	SS	STAINLESS STEEL
DIST	DISTRIBUTION	SW	SWITCH
DN	DOWN	SWBD	SWITCHBOARD
DWG	DRAWING	SWGR	SWITCHGEAR
EA	EACH	TC	TIME-CLOCK
EC	ELECTRICAL CONTRACTOR	TELE	TELEPHONE
ELR	END-OF-LINE RESISTOR	TE	TELECOMMUNICATION ENCLOSURE
EM	EMERGENCY	TS	TIME-SWTICH
EMS	EMERGENCY MANAGEMENT SYSTEM	TSFR	TRANSFER
EP	ELECTRICAL PNEUMATIC SWITCH	TV	TELEVISION
EQUIP	EQUIPMENT	TYP	TYPICAL
EX	EXISTING	TVSS	TRANSIENT VOLTAGE SURGE PROTECTION
EXPL	EXPLOSION PROOF	UG	UNDERGROUND
FA	FIRE ALARM	UH	UNIT HEATER
FDR	FEEDER	UV	UNIT VENTILATOR
FIN	FINISHED	V	VOLTAGE
FLR	FLOOR	VA	VOLT-AMPERE
FLA	FULL LOAD AMPS	VFD	VARIABLE FREQUENCY DRIVE
FSEC	FOOD SERVICE EQUIPMENT CONTRACTOR	W	WATTAGE
FACP	FIRE ALARM CONTROL PANEL	WM	SURFACE WIREMOLD
GND,GRD	GROUND	WP	WEATHERPROOF
GFI,GFCI	GROUND-FAULT CIRCUIT INTERRUPTER		
HOA	HAND-OFF-AUTOMATIC ALARM		
HP	HORSEPOWER		
HTG	HEATING		
HTR	HEATER		
HUH	HORIZONTAL UNIT HEATER		
HZ	HERTZ		
I/L	INTERLOCK		
I/C	INTERCOM		
IDF	INTERMEDIATE DISTRIBUTION FRAME		
IC	INTERRUPTING CAPACITY		
IG	ISOLATED GROUND		
JB	JUNCTION BOX		
KVA	KILOVOLT-AMPERE		
KW	KILOWATT		
LOC	LOCATION		
LTG	LIGHTING		
LV	LOW-VOLTAGE		
MAX	MAXIMUM		
MCC	MOTOR CONTROL CENTER		
MDF	MAIN DISTRIBUTION FRAME		
MECH	MECHANICAL		
MIN	MINIMUM		
MFGR	MANUFACTURER		
MSS	MOTOR STARTER SWITCH		
MTC	EMPTY CONDUIT		
MTD	MOUNTED		
MTS	MANUAL TRANSFER SWITCH		

ELECTRICAL SYMBOLS

SYMBOL	DESCRIPTION	HEIGHT
LIGHTING		
		
	RECESSED DOWNLIGHT	
	PENDANT - COORDINATE LENGTH WITH ARCHITECT	
	WALL-MOUNTED FIXTURE EXTERIOR DEFAULT MOUNTING HEIGHT = 12'	
	TRACK LIGHTING- INDICATES NUMBER OF LIGHTS	
	EXIT LIGHT-WITH DIRECTIONAL ARROW(S); DARKENED AREA INDICATES NUMBER AND ORIENTATION OF FACES	
	EXIT LIGHT-WITH EMERGENCY LIGHTING HEADS AND DIRECTIONAL ARROWS	
	EMERGENCY LIGHTING WALL PACK	
	EMERGENCY LIGHTING REMOTE HEAD	
	STANDARD SNAP LIGHT SWITCH	46"
	LOW-VOLTAGE SWITCH; "LD#" INDICATES A SPECIFIC LOW-VOLTAGE LIGHTING DETAIL; LOW VOLTAGE SWITCH. "LD#" INDICATES CONTROL TYPE REFER TO CORRESPONDING DETAIL FOR REQUIRED DEVICES AND CONNECTIONS FOR LIGHTING, SENSOR AND RECEPTACLE CONTROL.	46"
	DIMMER SWITCH	46"
	THREE-WAY SWITCH	46"
	FOUR-WAY SWITCH	46"
	KEY-OPERATED SWITCH	46"
	SWITCH WITH PILOT LIGHT	46"
	ON/OFF SWITCH WITH OCCUPANCY SENSOR	46"
	OCCUPANCY SENSOR: D1 - CEILING MT, 500SF DUAL TECH, STANDALONE W/ POWER PACK D2 - CEILING MT, 2000SF DUAL TECH, STANDALONE W/ POWER PACK L1 - CEILING MT, 2000SF DUAL TECH, CONNECTED TO LTG CTRL PANEL W1 - WALL MT AT SWITCH LOCATION, 1-BUTTON FOR ON/OFF W2 - WALL MT AT SWITCH LOCATION, 2-BUTTON FOR LEVEL CONTROL N1 - CEILING SENSOR CONNECTED TO ROOM CONTROLLER PER DETAIL N2 - CEILING SENSOR CONNECTED TO ROOM CONTROLLER PER DETAIL N3 - WALL MT, GYMNASIUM W/ WIREGUARD	
	DAYLIGHT SENSOR (TO ROOM CONTROLLER); DAYLIGHT SENSOR CONNECTED TO ROOM CONTROLLER FOR DIMMED DAYLIGHT CONTROL. REFER TO DAYLIGHTING CONNECTION DETAIL.	
	TIME-SWITCH (TC: TIME-CLOCK)	
	PHOTOCELL	
COMMUNICATIONS		
	A/V CONNECTION ROUGH-IN; PROVIDE 5" SQUARE BOX WITH (1) 1-1/4" CONDUIT TO ACCESSIBLE CEILING SPACE FOR FUTURE INSTALLATION OF A/V DEVICES BY OWNER.	18"
	SMARTBOARD CONNECTION ROUGH-IN; PROVIDE A 1900 DEEP JUNCTION BOX WITH (2) 1" EMPTY CONDUITS TO THE CEILING SPACE ABOVE. PROVIDE A 2 GANG MUD RING WITHOUT ANGLED CORNERS FOR THE FUTURE SMARTBOARD OR A/V SYSTEM.	18"
	TV CONNECTION ROUGH-IN; SINGLE-GANG JUNCTION BOX W/ (1) DATA DROP TERMINATED IN DISCUIT BOX	60"
	CLOCK	80"
	CLOCK W/ TWO FACES; END-MOUNT	80"
	SPEAKER; WALL OR CEILING MOUNTED; "V" ANNOTATION INDICATES SPEAKER WITH VOLUME CONTROL	80"CLG
	LOCAL SOUND SYSTEM SPEAKER	
	SPEAKER JACK	
	PROJECTION SPEAKER; "WP" ANNOTATION INDICATES WEATHERPROOF EXTERIOR SPEAKER	80"
	MICROPHONE; WALL OR CEILING MOUNTED	18"CLG
	AUDIO JACK	
	VOLUME CONTROL	46"
	BELL OR OTHER AUDIBLE DEVICE	80"

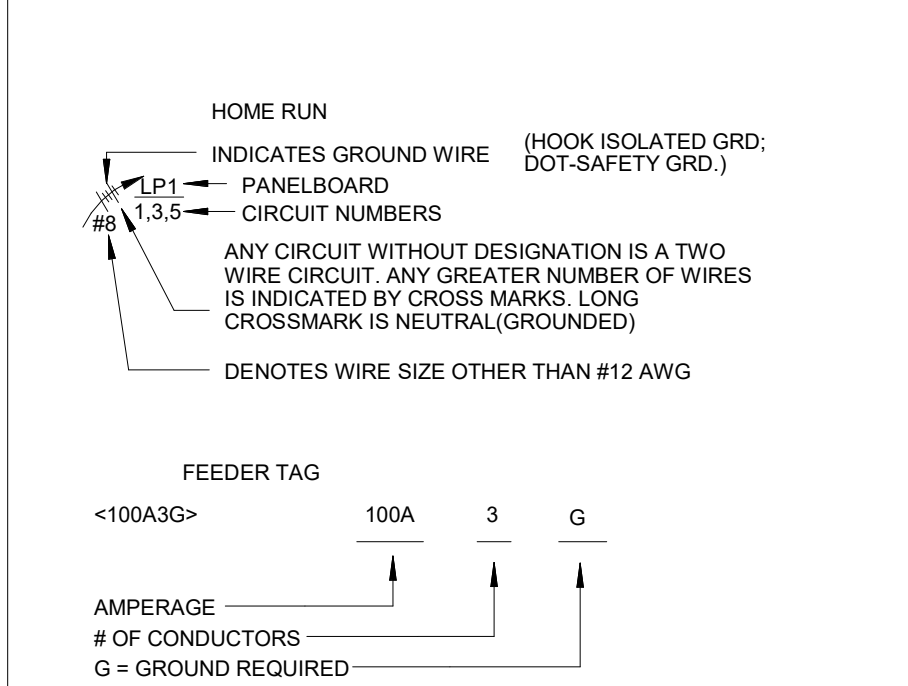
SYMBOL	DESCRIPTION	HEIGHT
FIRE		
	FIRE ALARM MANUAL PULL STATION	
	FIRE ALARM SPEAKER; MOUNT AT 80" OR 6.0" BELOW CEILING-WHICHEVER IS LOWEST.	
	FIRE ALARM STROBE; MOUNT AT 80" OR 6.0" BELOW CEILING-WHICHEVER IS LOWEST.	
	EMERGENCY STROBE; MOUNT AT 80" OR 6.0" BELOW CEILING-WHICHEVER IS LOWEST.	
	FIRE ALARM SPEAKER/STROBE; MOUNT AT 80" OR 6.0" BELOW CEILING-WHICHEVER IS LOWEST.	
	FIRE ALARM SMOKE DETECTOR	
	FIRE ALARM HEAT DETECTOR	
	FIRE ALARM DUCT SMOKE DETECTOR	
	REMOTE DUCT SMOKE DETECTOR TEST STATION	
	FIRE SMOKE DAMPER; PROVIDE 120v CONNECTION TO THE FIRE SMOKE DAMPER. PROVIDE A DUCT SMOKE DETECTOR WITH CONNECTIONS TO DAMPER & FACP. PROVIDE INTEGRATION WITH SERVING UNIT. DAMPER SHALL CLOSE WHENEVER SERVING UNIT IS NOT RUNNING.	
	SMOKE DAMPER; PROVIDE 120v CONNECTION TO THE SMOKE DAMPER. PROVIDE A DUCT SMOKE DETECTOR WITH CONNECTIONS TO DAMPER & FACP. PROVIDE INTEGRATION WITH SERVING UNIT. DAMPER SHALL CLOSE WHENEVER SERVING UNITIS NOT RUNNING.	
	FIRE ALARM FLOW-SWITCH	
	FIRE ALARM TAMPER SWITCH	
	FIRE ALARM SOLENOID VALVE	
	FIRE ALARM DOOR HOLD OPEN (MAGNETIC)	
	FIRE ALARM INDIVIDUAL ADDRESSABLE MODULE	
	FIREMANS KEY LOCK BOX	46"
	FIRE ALARM LOCK DOWN	
	FIRE ALARM CONTROL PANEL	
	FIRE ALARM ANNUNCIATOR PANEL AND MICROPHONE UNIT	
POWER		
	RECEPTACLE (DUPLEX)	18"
	BOX AT BASE OF DEVICE INDICATES WIREMOLD-MOUNT, TYP ALL DEVICES.	
	QUADRUPLEX RECEPTACLE	18"
	GFI RECEPTACLE (DUPLEX)	46"
	COMBINATION USB/DUPLEX RECEPTACLE	46"
	DUPLEX RECEPTACLE ON EMERGENCY POWER	18"
	QUADRUPLEX RECEPTACLE ON EMERGENCY POWER	18"
	GREEN DUPLEX RECEPTACLE ON OCCUPANCY SENSOR REFER TO LOW VOLTAGE DETAILS	18"
	GREEN QUADRUPLEX RECEPTACLE ON OCCUPANCY SENSOR REFER TO LOW VOLTAGE DETAILS	18"
	DUPLEX RECEPTACLE (TAMPER RESISTANT)	18"
	DUPLEX RECEPTACLE (SPLIT WIRED)	18"
	SPECIAL PURPOSE OUTLET	18"
	POKE-THRU FLOORBOX; ATTACHED SYMBOLS INDICATE INSTALLED DEVICES/SERVICES	
	IN-GRADE FLOORBOX; ATTACHED SYMBOLS INDICATE INSTALLED DEVICES/SERVICES	
DATA		
	DATA OUTLET; STANDARD (1) DATA DROP; "W" ANNOTATION DENOTES MOUNTING HEIGHT AT 46"; PROVIDE DEVICES INDICATED AND A 2 GANG DEEP BOX WITH TWO (2) 3/4" CONDUITS FOR DATA/VOICE ROUTED TO TE LOCATED IN MECH ROOM	18"
	DATA OUTLET; STANDARD (2) DATA DROPS "D" ANNOTATION DENOTES NONTYPICAL DROP QTY, EG "3D"; PROVIDE DEVICES INDICATED AND A 2 GANG DEEP BOX WITH TWO (2) 3/4" CONDUITS FOR ROUTED TO TE LOCATED IN MECH ROOM	18"
	WIRELESS ACCESS POINT; PROVIDE DOUBLE GANG BOX AND (1) 1" CONDUIT FROM DEVICE TO TE LOCATED IN MECH ROOM	CLG
	VOICE/DATA OUTLET; PROVIDE 2 GANG DEEP BOX WITH TWO (2) 3/4" CONDUITS FOR ROUTED TO TE LOCATED IN MECH ROOM	18"

SYMBOL	DESCRIPTION	HEIGHT
SECURITY		
	DOOR SECURITY ROUGH-IN; REFER TO DOOR SECURITY ROUGH-IN DETAIL	
	CAMERA ROUGH-IN; PROVIDE (1) DATA DROP	
	PAN/TILT/ZOOM SURVEILLANCE CAMERA	
	ACCESS CONTROL J-BOX	
	COMBINATION CARD READER KEYPAD	
	CARD READER	
	DURESS ALARM	
	DOOR CONTACT; PROVIDE ROUGH-IN FOR FUTURE DOOR CONTACTS. ROUTE CONDUIT FROM FRAME TO EXTERIOR OF BUILDING.	
	ELECTRIC LOCK	
	GLASS BREAK SENSOR	
	INTERCOM	
	INTERCOM MASTER	
	KEYPAD	
	LOCAL ALARM	
	LOCK DOWN	
	MOTION DETECTOR	
	PUSH BOTTON	
	POWER DOOR OPERATOR	
	POWER SUPPLY	
	INTEGRATION RELAY	
	WIRELESS DURESS REPEATER	
	REQUEST-TO-EXIT DEVICE	
	WIRELESS DURESS RECEIVER	
	WORK STATION	
MEDICAL		
	NURSE CALL - PATIENT (CB, SA, AND PILLOW SPEAKER)	
	NURSE CALL - DUTY STATION	
	NURSE CALL - CODE BLUE	
	NURSE CALL - STAFF ASSIST	
	NURSE CALL - DOME LIGHT	
	NURSE CALL - TOILET PULL	
MISCELLANEOUS		
	ELECTRICAL KEY NOTE SYMBOL NUMBER	
	MOTOR OR EQUIPMENT; SEE SCHEDULES	
	VIEW REFERENCE; REFER TO INDICATED SECTION OR DETAIL	
	ACTIVATION KIT IN FLOORBOX. PROVIDE 2" CONDUIT TO ACCESSIBLE CEILING SPACE FOR FUTURE A/V INSTALL BY OWNER.	
	JUNCTION BOX	18"
	PANELBOARD MOUNT TOP OF PANEL AT 6.0' A.F.F.	
	ELECTRICAL SWITCHBOARD OR SPECIALTY EQUIPMENT; SEE LABELLING OR KEYED NOTE ON SHEET	
	SAFETY SWITCH	
	MOTOR STARTER	60"
	COMBINATION MOTOR STARTER/SAFETY SWITCH	60"
	THERMOSTAT	46"
	RELAY	60"
	ELECTRICALLY OPERATED SOLENOID	
	GROUND	
	CONDUIT STUB	
	INDICATES DEVICES SHOWN UNDER COMMON COVERPLATE	

SHEET INDEX

NUMBER	NAME
E000	ELECTRICAL TITLE SHEET
E001	ELECTRICAL SITE PLAN
E101	ELECTRICAL LIGHTING PLAN
E201	ELECTRICAL POWER & SYSTEMS PLAN
E300	ELECTRICAL DETAILS
E400	ELECTRICAL SCHEDULES

CIRCUITING

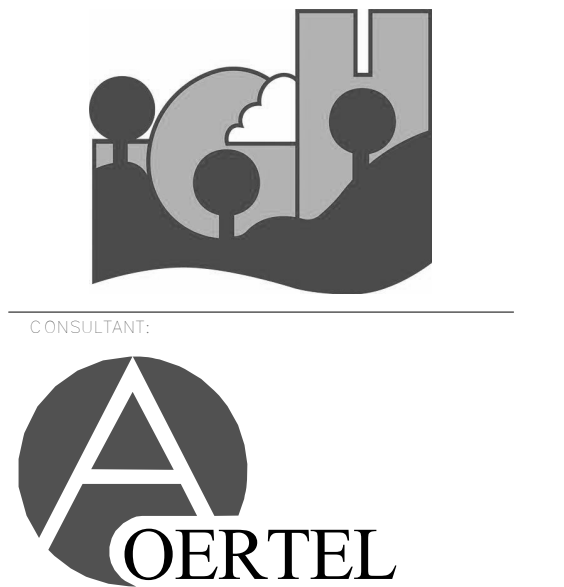


Branch Circuit Sizing (120V, 20A circuits)	
Circuit Length(ft)	Wire Size*
0 - 75'	#12 AWG
76' - 150'	#10 AWG
151' - 240'	#8 AWG
241' - 380'	#6 AWG

* Wire size applies to both the hot and neutral conductor. Provide an Equipment ground sized to comply with T250.122 of the NEC.

ELECTRICAL SYMBOL GENERAL NOTES

- EQUIPMENT SHALL BE INSTALLED AT THE MOUNTING HEIGHTS INDICATED UNLESS SHOWN OTHERWISE ON THE ARCH. ELEVATIONS, NOTED ON THE DRAWINGS, OR IN THE SPECIFICATIONS.
- ALL MOUNTING HEIGHTS ARE TO CENTER OF DEVICE FROM FINISHED FLOOR. MOUNTING HEIGHTS INDICATED ON WALL ELEVATIONS, TAKE PRECEDENCE OVER MOUNTING HEIGHTS LISTED ABOVE.
- LETTERS ADJACENT TO SYMBOLS INDICATE UNIT TYPE - SEE SPECS.
- DOTTED SYMBOLS INDICATE EXISTING DEVICES.
- TICK MARKS CONNECTED TO SYMBOLS INDICATE WALL MOUNTED DEVICES.



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REVISIONS / ISSUE	
NO.	DATE

SOUTH VALLEY PARK
PHASE 1 IMPROVEMENTS

SOUTH VALLEY PARK
2810 70TH ST E
INVER GROVE HEIGHTS, MN 55076

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.



Signature
Andrew J. Tripp

Name
Andrew J. Tripp

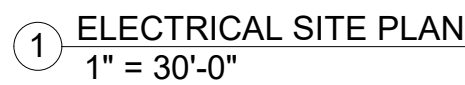
License #
46199

Date
12/22/22

PROJECT NAME:	
20-05	
DATE OF ISSUE:	
12/22/22	
DRAWN BY:	
RTA	
CHECKED BY:	
AJT	
SHEET NAME:	

ELECTRICAL
TITLE SHEET

E000



General Notes	
A	Refer to the Architectural and Civil plans for phasing and provide connection to the construction trailers as required by the specifications.
B	Verify locations with civil plans.



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Andrew J. Tripp

Name _____

46199

12/22/22

License #	Date
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20-05

DATE OF ISSUE:

12/22/22

DRAWN BY:

RTA

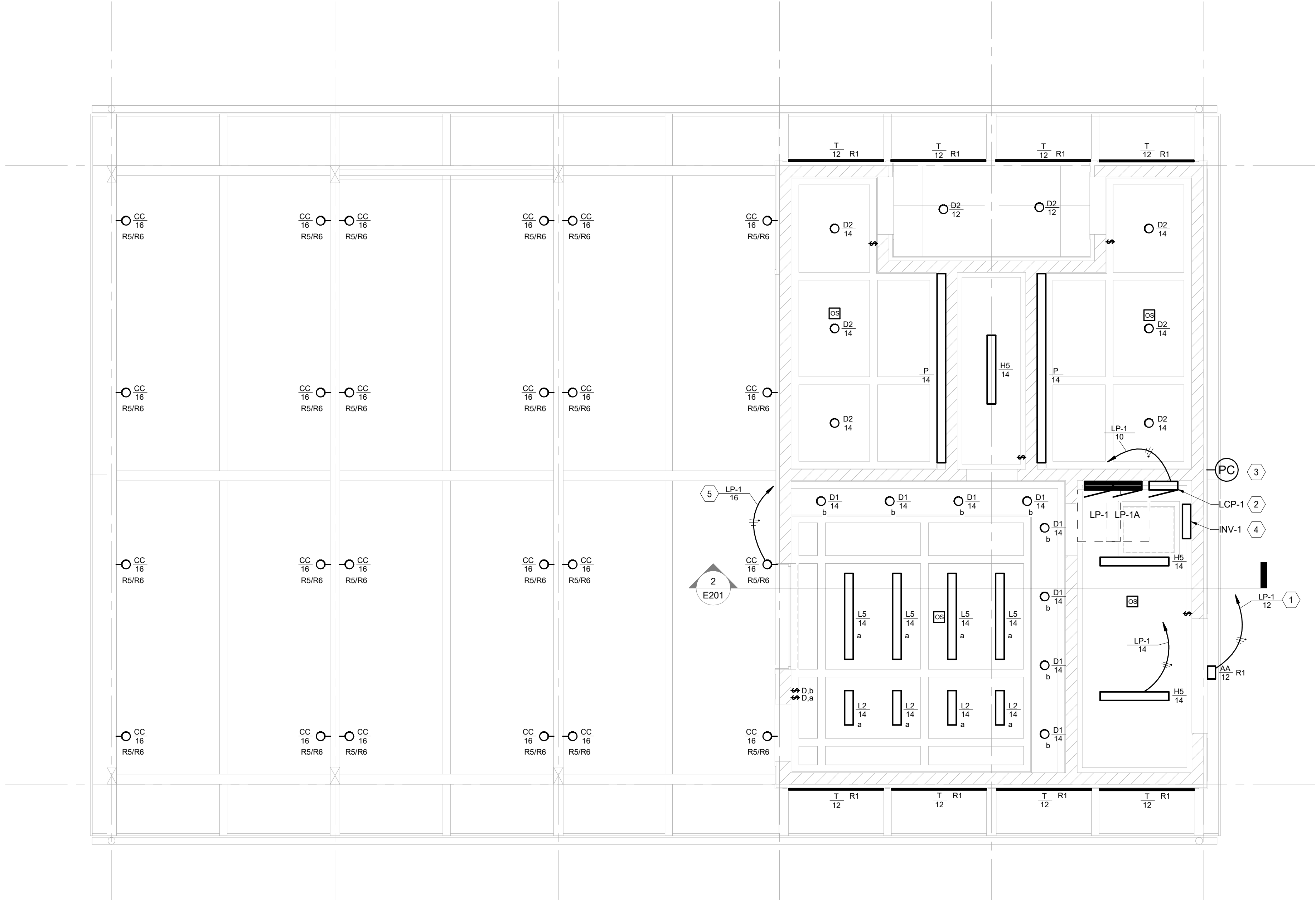
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AJT

ELECTRICAL SITE PLAN

SHEET NO:

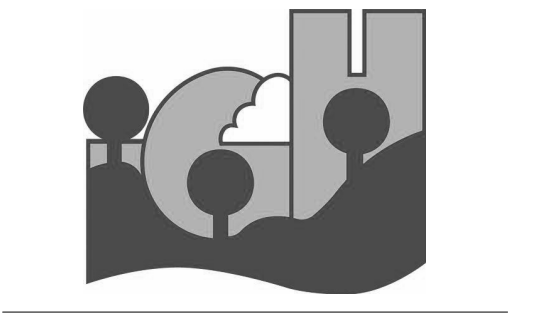
E001



1 LIGHTING PLAN
1/4" = 1'-0"

General Notes	
A	Conduit and wire connections are not shown. Provide conduit and wire as required for the indicated circuitry.
B	A maximum of three circuits are intended to be installed in a conduit and a maximum of three phase conductors. Multi-wire branch are circuits are not permitted unless specifically noted otherwise.
C	Circuit numbers shown for homeruns to panelboards are not actual circuit numbers, but are used to establish circuling intent. All circuits are 20a-1 pole unless noted otherwise. Provide breakers as required and noted in schedules.
D	For exact location of ceiling mounted electrical devices, equipment, etc., refer to architectural reflected plans (rcp); for wall mounted devices, see architectural elevations. Where discrepancies occur between architectural and engineering plans, notify architect/engineer prior to starting work.
E	Ceiling mounted devices shall be a matching white color.
F	All back boxes and junction boxes shall be recessed mounted.

Electrical Keyed Notes	
1	Route circuit through LCP-1 and inverter prior to termination in panelboard.
2	Provide a NLIGHT #ARP-INTENC16-NLT-16SPR-MVOLT-HLK-SM relay panel and NLIGHT #NPOD-TOUCH-WH touch screen wall switch. Mount touch screen wall switch adjacent to panel.
3	Provide an exterior photocell wired as an input to LCP-1.
4	Provide a IOTA #IIS-375-LED-DR inverter for connection to indicated exterior lighting circuit. Route indicated circuit through inverter prior to termination in panelboard.
5	Provide branch circuiting to fixtures 'Type CC' so that downlight and uplight portions of fixture can be individually controlled. Route downlight branch circuit (R4) and uplight branch circuit (R5) through LCP-1 prior to termination in panelboard.



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REVISIONS / ISSUE	
NO.	DESCRIPTION

SOUTH VALLEY PARK
PHASE 1 IMPROVEMENTS

SOUTH VALLEY PARK
2810 70TH ST E
INVER GROVE HEIGHTS, MN 55076

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Andrew J. Tripp

Signature
Andrew J. Tripp
Name
46199 12/22/22
License # Date

PROJECT NUMBER:	20-05
DATE OF ISSUE:	12/22/22
DRAWN BY:	RTA
CHECKED BY:	AJT

SHEET NAME:
ELECTRICAL
LIGHTING PLAN

SHEET NO:
E101

Mechanical Equipment Schedule																	
Equipment Number	Description	Size	Voltage	Phase	Disc. By	Disc. Type	Disc. Size	Disc. Poles	Disc. Location	Starter By	Starter Type	Starter Size	Starter Location	Panel	Circuit Number	Feeder	Elec Notes
EBLR-1	Electric Boiler	12 kW	208 V	3	Elec	NFS	60A	3	At Unit	Mech	N/A	-	W/ Unit	LP-1	1,3,5	<50A3G>	
ECUH-1	Electric Cabinet Unit Heater	5kW	208 V	3	Mech	-	-	-	W/ Unit	Mech	N/A	-	W/ Unit	LP-1	7,9,11	<20A3G>	
ECUH-2	Electric Cabinet Unit Heater	5kW	208 V	3	Mech	-	-	-	W/ Unit	Mech	N/A	-	W/ Unit	LP-1	13,15,17	<20A3G>	
EF-1	Exhaust Fan	135 W	120 V	1	Elec	MSS	30A	1	At Unit	Elec	Power Pack	-	At Unit	LP-1	2	<20A2G>	1
EF-2	Exhaust Fan	135 W	120 V	1	Elec	MSS	30A	1	At Unit	Elec	Power Pack	-	At Unit	LP-1	2	<20A2G>	1
EF-3	Exhaust Fan	1/6 HP	120 V	1	Elec	MSS	30A	1	At Unit	Elec	Power Pack	-	At Unit	LP-1	4	<20A2G>	1
EF-4	Exhaust Fan	54 W	120 V	1	Elec	MSS	30A	1	At Unit	Mech	T-STAT	-	Mech Room	LP-1A	29	<20A2G>	2
EHC-1	Electric Heating Coil	15kW	208 V	3	Mech	-	-	-	W/ Unit	Mech	N/A	-	W/ Unit	LP-1	19,21,23	<60A3G>	
P-1	Pump	1/6 HP	120 V	1	Elec	MSS	30A	1	At Unit	Mech	N/A	-	-	LP-1	8	<20A2G>	
RCP-1	Recirculation Pump	60W	120 V	1	Elec	MSS	30A	1	At Unit	Mech	N/A	-	-	LP-1	28	<20A2G>	
SF-1	Supply Fan	1/6 HP	120 V	1	Elec	MSS	30A	1	At Unit	Mech	Power Pack	-	At Unit	LP-1	6	<20A2G>	1
WHT-1	Electric Water Heater	4kW	208 V	3	Elec	NFS	30A	3	At Unit	Mech	N/A	-	-	LP-1	25,27,29	<20A3G>	

Mechanical Equipment Notes:

1. Provide a Power Pack (nLight #rPP20, or Equal) compatible with the lighting control system. Fans shall be interlocked with the lights such that whenever the lights are on, the fans are on.
2. Route Circuit through 120V T-STAT provided by Mech.

Light Fixture Schedule										
Type Mark	Description	Input Power	Lamp Type	Voltage	Manufacturer	Alternate Manufacturer				
D1	Downlight	18 VA	LED	MVOLT	LITHONIA #LDN6-35/15-LO6AR-LSS-MVOLT-GZ1					
D2	Downlight, Vandal Resistant	29 VA	LED	MVOLT	GOTHAM #EVO2VR-35/20-LFT-MWD-MVOLT-UGZ-DWHG					
H5	4' Striplight	41 VA	LED	MVOLT	LITHONIA #ZL1D-L48-5000LM-FST-MVOLT-35K-80CRI-WH					
L2	2' Recessed Linear, Flush Lens	20 VA	LED	MVOLT	MARK LIGHTING #SL6L-LOP-2'-FLP-FL-80CRI-35K-1200LMF-MIN1-120-ZT					
L5	5' Recessed Linear, Flush Lens	50 VA	LED	MVOLT	MARK LIGHTING #SL6L-LOP-5'-FLP-FL-80CRI-35K-1200LMF-MIN1-120-ZT					
P	11' Recessed Perimeter	53 VA	LED	MVOLT	MARK LIGHTING #SPRLED-LOP-11FT-RLP-FL-80CRI-35K-450LMF-MIN1-MVOLT					
T	LED Tape Light (per 1ft section)	6 VA	LED	MVOLT	KLUS #C0758-A-FC-35-1820/1-24-P-IP67					
AA	Exterior Wall Pack	18 VA	LED	MVOLT	LITHONIA #WDGE1 LED P1 40K 80CRI VF					
BB	Pathway Lighting, 14' Square SS Pole, Mounted to Base	70 VA	LED	MVOLT	KIM LIGHTING #UR20-28L-65-3K7-5W-UNV-ASQ-DBT	LITHONIA #RAD1-LED-P3-30K-SYM-MVOLT-SPA-DDBXD				
BB1	Parking Lot Area Lighting, 23' Square SS Pole, Mounted to Base	110 VA	LED	MVOLT	KIM LIGHTING #UR20-56L-110-3K7-4-UNV-ASQ-DBT	LITHONIA #RAD1-LED-P5-30K-ASY-MVOLT-SPA-DDBXD				
CC	Wall Mount Direct/Indirect Cylinder	29 VA	LED	MVOLT	GOTHAM #ICO4UDWC-30/10-AR-LSS-60D-U10LM-U60D-MVOLT-GZ1-JBX-WL-DDBT					
FF	Flood Light, 23' SSS Pole	371 VA	LED	MVOLT	HYDREL #8200-LED-30K-MVOLT-MFL-YM-PMT-DDB					

Lighting Control Panel (LCP-1)				
Relay	Voltage	Panel	Circuit	Description
R1	120 V	LP-1	12	
R2	120 V	LP-1A	27	
R3	120 V	LP-1A	26	
R4	120 V	LP-1	22	
R5	120 V	LP-1	16	Downlight Portion Control
R6	120 V	LP-1	16	Uplight Portion Control
R7	120 V	LP-1	18	
R8	120 V	LP-1	20	
R9	120 V	LP-1	24	
R10	120 V	LP-1A	9	

Branch Panel: LP-1													
Location: MECH/ STORAGE					Volts: 120/208 Wye				A.I.C. Rating: 35kA				
Supply From: UTILITY					Phases: 3				Mains Type: MCB				
Mounting: Surface					Wires: 4				Mains Rating: 400 A				
Enclosure: NEMA 1					Feed-Thru Lugs: Yes				Bussing: 400 A Cu				
CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	EBLR-1	50 A	3	4000...	271 VA					1	20 A	EF-1, EF-2	2
3	--	--	--			4000...	528 VA			1	20 A	EF-3	4
5	--	--	--					4000...	528 VA	1	20 A	SF-1	6
7	ECUH-1	20 A	3	1667...	528 VA					1	20 A	P-1	8
9	--	--	--			1667...	180 VA			1	20 A	LCP-1	10
11	--	--	--					1667...	323 VA	1	20 A	Lighting	12
13	ECUH-2	20 A	3	1667...	822 VA					1	20 A	Lighting	14
15	--	--	--			1667...	698 VA			1	20 A	Lighting PICNIC SEATING AREA	16
17	--	--	--					1667...	700 VA	1	20 A	Lighting; Pathway	18
19	EHC-2	60 A	3	5000...	440 VA					1	20 A	Lighting; Parking Lot	20
21	--	--	--			5000...	1482...			1	20 A	Flood Lights	22
23	--	--	--					5000...	741 VA	1	20 A	Flood Lights	24
25	WHT-1	20 A	3	1333...	180 VA					1	20 A	Receptacle; Irrigation Controller	26
27	--	--	--			1333...	60 VA			1	20 A	RCP-1	28
29	--	--	--					1333...					30
31	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	32
33	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	34
35	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	36
37	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	38
39	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	40
41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42
Total Load:				18730 VA		20036 VA		18615 VA					
Total Amps:				156 A		167 A		155 A					
Load Classification				Connected Load	Demand Factor	Estimated Demand		Panel Totals					
Electric Heat				27002 VA	125.00%	33752 VA							
HVAC				11464 VA	125.00%	14330 VA		Total Conn. Load: 57201 VA					
Lighting				5328 VA	125.00%	6660 VA		Total Est. Demand: 69149 VA					
Motor				588 VA	100.00%	588 VA		Total Conn. Current: 159 A					
Other				360 VA	100.00%	360 VA		Total Est. Demand...: 192 A					
Power				3999 VA	125.00%	4999 VA							
Receptacle				8460 VA	100.00%	8460 VA							
Notes:													

Branch Panel: LP-1A													
Location: MECH./ STORAGE				Volts: 120/208 Wye				A.I.C. Rating: 35kA					
Supply From: LP-1				Phases: 3				Mains Type: MLO					
Mounting: Surface				Wires: 4				Mains Rating: 400 A					
Enclosure: NEMA 1				Feed-Thru Lugs: Yes				Bussing: 400 A Cu					
CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Receptacle KITCHEN (GFI Breaker)	20 A	1	180 VA	180 VA					1	20 A	Receptacle KITCHEN (GFI Breaker)	2
3	Receptacle KITCHEN	20 A	1			180 VA	180 VA			1	20 A	Receptacle KITCHEN	4
5	Receptacle KITCHEN	20 A	1					180 VA	180 VA	1	20 A	Receptacle KITCHEN	6
7	Receptacle KITCHEN	20 A	1	180 VA	122 VA					1	20 A	Lighting	8
9	Receptacle	20 A	1			540 VA	180 VA			1	20 A	Receptacle KITCHEN	10
11	Receptacle KITCHEN	20 A	1					180 VA	180 VA	1	20 A	Receptacle KITCHEN	12
13	Receptacle KITCHEN	20 A	1	180 VA	180 VA					1	20 A	Receptacle PICNIC SEATING...	14
15	Receptacle PICNIC SEATING...	20 A	1			180 VA	180 VA			1	20 A	Receptacle PICNIC SEATING...	16
17	Receptacle PICNIC SEATING...	20 A	1					180 VA	180 VA	1	20 A	Receptacle PICNIC SEATING...	18
19	Receptacle PICNIC SEATING...	20 A	1	180 VA	180 VA					1	20 A	Receptacle PICNIC SEATING...	20
21	Receptacle KITCHEN	20 A	1			180 VA	540 VA			1	20 A	Receptacle	22
23	Receptacle	20 A	1					720 VA	720 VA	1	20 A	Receptacle	24
25	Receptacle	20 A	1	720 VA	720 VA					1	20 A	Receptacle	26
27	Receptacle, Site	20 A	1			900 VA	360 VA			1	20 A	Receptacle MECH./ STORAGE	28
29	EF-4	20 A	1					136 VA					30
31	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	32
33	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	34
35	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	36
37	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	38
39	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	40
41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42
Total Load:				2822 VA		3420 VA		2656 VA					
Total Amps:				24 A		29 A		22 A					
Load Classification				Connected Load	Demand Factor	Estimated Demand	Panel Totals						
HVAC				136 VA	125.00%	170 VA							
Lighting				122 VA	125.00%	152 VA	Total Conn. Load: 8897 VA						
Other				360 VA	100.00%	360 VA	Total Est. Demand: 8962 VA						
Receptacle				8280 VA	100.00%	8280 VA	Total Conn. Current: 25 A						
							Total Est. Demand... 25 A						
Notes:													

MECHANICAL ABBREVIATIONS

ABV AFF AHHP AHJ AHU ALT AP ARCH	ABOVE ABOVE FINISHED FLOOR AS HIGH AS POSSIBLE AUTHORITY HAVING JURISTICATION AIR HANDLER UNIT ALTERNATE ACCESS PANEL ARCHITECTURAL / ARCHITECT	SA SAN SCH SCW SD SEN SG SH SHT SP SPEC STAT STD STRUC SS SV	SUPPLY AIR SANITARY SCHEDULES SOFT COLD WATER STORM DRAIN / SUPPLY DIFFUSER SENSIBLE SUPPLY GRILLE SHOWER SHEET STATIC PRESSURE SPECIFICATION THERMOSTAT STANDARD STRUCTURAL STAINLESS STEEL SAFETY VAVLE
CAB CB CBD CFCH CFH CFM CHW CI CLG CO CONC COND CONN CONT CONTR COORD CRD CUH CV CW	CABINET CATCH BASIN CONTINUOUS BLOW DOWN CONTRACTOR FURNISHED & INSTALLED CUBIC FEET PER HOUR CUBIC FEET PER MINUTE CIRCULATING HOT WATER CAST IRON CEILING CLEAN OUT CONCRETE CONDENSATE CONNECT, CONNECTION CONTINUATION / CONTINUOUS CONTRACTOR COORDINATE CIRCULATING RADIATION DAMPER CABINET UNIT HEATER CONTROL VALVE COLD WATER	TA TCC TD TEMP TOF TTJ TWJ TYP	TRANSFER AIR TEMPERATURE CONTROL CONTRACTOR TRENCH DRAIN TEMPERATURE TOP OF FOOTING TIGHT TO JOIST THROUGH WEB OF JOIST TYPICAL
DBJ DDC DIA DISCH DN DS / DSN DT DWG DX	DUCT BETWEEN JOIST DIRECT DIGITAL CONTROLS DIAMETER DISCHARGE DOWN DOWNSPOUT / DOWNSPOUT NOZZLE TEMPERATURE DIFFERENCE DRAWING DIRECT EXPANSION	W WI W/O W/O WC WH WIV WT WTR	WASTE WITH WITHOUT WET BULB WATER CLOSET WALL HYDRANT WALL INDICATOR VALVE WEATHERPROOF WEIGHT WATER
EAT EWT EC ECM EF EG EL ELECT ENT EQUIP ER EXH EXIST EXPL EXT EWC	ENTERING AIR TEMPERATURE ENTERING WATER TEMPERATURE ELECTRICAL CONTRACTOR ELECTRIC COMMUTATED MOTOR EXHAUST FAN EXHAUST GRILLE ELEVATION ELECTRICAL ENTERING EQUIPMENT EXHAUST REGISTER EXHAUST EXISTING EXPLOSION PROOF EXTERIOR ELECTRIC WATER COOLER		
F FA FCU FD FLR FT FPM FPS	FAHRENHEIT FIRE ALARM FAN COIL UNIT FIRE DAMPER / FLOOR DRAIN FLOOR FEET FEET PER MINUTE FEET PER SECOND		
G GA GPH GPM GEN / GC GND GPM GWH	NATURAL GAS GAUGE GALLON GALLON PER HOUR GALLON PER MINUTE GENERAL / GENERAL CONTRACTOR GROUND GALLONS PER MINUTE GAS WATER HEATER		
HB HORZ HTR HV HVAC HW HWR HWS	HOSE BIBB HORIZONTAL HEATER HAND VALVE HEATING, VENTILATION & AIR CONDITIONING HOT WATER HOT WATER RETURN HOT WATER SUPPLY		
IE IN INSUL INV	INVERT ELEVATION INCH INSULATION INVERT		
JTS KW	JOIST KILOWATT		
LAV LAT LWT LF LOC LTG	LAVATORY LEAVING AIR TEMPERATURE LEAVING WATER TEMPERATURE LINEAR FEET LOCATION / LOCATE LIGHTING		
MBH MC MECH MEZZ MFR MISC MOT	THOUSAND BTU'S PER HOUR MECHANICAL CONTRACTOR MECHANICAL MEZZANINE MANUFACTURER MISCELLANEOUS MOTORIZED		
NA NC NO NTS	NOT APPLICABLE NORMALLY CLOSED NORMALLY OPEN NOT TO SCALE		
OA OFCI OSD OS&Y	OUTSIDE AIR OWNER FURNISHED, CONTRACTOR INSTALLED OVERFLOW STORM DRAIN OUTSIDE SCREW AND YOKE		
PD PIV PLBG PN PRESS PRV PSIA PSIG PT PVC	PRESSURE DROP POST INDICATOR VALVE PLUMBING PNEUMATIC PRESSURE POWER ROOF VENTILATOR / PRESSURE REDUCING VALVE POUNDS PER SQUARE INCH ABSOLUTE POUNDS PER SQUARE INCH GAUGE POINT POLY-VINYL-CHLORIDE		
RA RAD RD REC REF REG REG'D RET REV RFRG RG RIC RM RPZ RR RWL	RETURN AIR RADIATION / RADIATOR ROOF DRAIN RECESSED REFERENCE REGISTER REQUIRED RETURN REVISIONS REFRIGERATION RETURN GRILLE RETURN IN COVER ROOM REDUCED PRESSURE ZONE BACKFLOW PREVENTOR RETURN REGISTER RAIN WATER LEADER		

MECHANICAL SYMBOLS

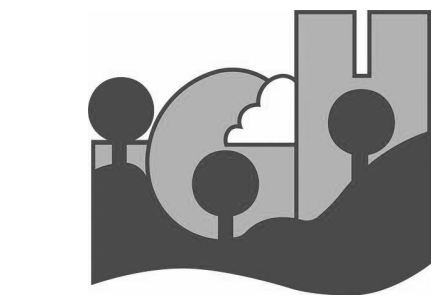
PLUMBING		HVAC		VALVES	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
--- AV --- --- AW --- --- AW ---	ACID VENT ACID WASTE, ABOVE GRADE ACID WASTE, BELOW GRADE	--- BF --- --- CD --- --- CDR --- --- CDS --- --- CHWR --- --- CHWRR --- --- CHWS --- --- CR --- --- CR(HPS) --- --- CR(LPS) --- --- GCOR --- --- GCDS --- --- HG --- --- HPS --- --- HPWR --- --- HPWS --- --- HWR --- --- LIQ --- --- LPS --- --- MPS --- --- PCR ---	BOILER FEED LINE CONDENSATE DRAIN CONDENSER WATER RETURN CONDENSER WATER SUPPLY CHILLED WATER RETURN CHILLED WATER REVERSE RETURN CHILLED WATER SUPPLY CONDENSATE RETURN CONDENSATE RETURN - HIGH PRESSURE STEAM CONDENSATE RETURN - MEDIUM PRESSURE STEAM GLYCOL CONDENSER RETURN GLYCOL CONDENSER SUPPLY REFRIGERANT HOT GAS HIGH PRESSURE STEAM HEAT PUMP WATER RETURN HEAT PUMP WATER SUPPLY HEATING WATER RETURN REFRIGERANT LIQUID LOW PRESSURE STEAM MEDIUM PRESSURE STEAM PUMPED CONDENSATE RETURN	 	ANGLE VALVE BALL VALVE BUTTERFLY VALVE CHECK VALVE CONTROL VALVE GAS COCK VALVE BACKWATER VALVE GLOBE VALVE GAS PRESSURE REGULATOR VALVE WALL HYDRANT OR HOSE BIBB OS&Y VALVE PRESSURE REDUCING VALVE REFRIGERANT EXPANSION VALVE RELIEF VALVE SQUARE HEAD BALANCING VALVE SHUTOFF VALVE SOLENOID VALVE TWO WAY CONTROL VALVE THREE WAY CONTROL VALVE REDUCED PRESSURE ZONE BACKFLOW PREVENTER
FIRE PROTECTION		PIPE CONNECTIONS		GENERAL	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
--- DFS --- --- DSP --- --- FP --- --- F --- --- WSP ---	DRY FIRE SPRINKLER LINE DRY STANDPIPE FIRE PROTECTION LINE - OUTSIDE BLDG FIRE SPRINKLER LINE WET STANDPIPE DEPARTMENT CONNECTION	 	BRANCH CONNTECTION OUT OF BOTTOM BRANCH CONNECTION OUT OF TOP COMBINATION WYE & 1/8 BEND ELBOW DOWN ELBOW UP 90° ELBOW 45° ELBOW TEE CONNECTION TEE CONNECTION DOWN TEE CONNECTION UP WYE	 	PIPE ANCHOR AQUASTAT AIR VENT GENERIC STEAM TRAP CAPPED LINE CONCENTRIC REDUCER ECCENTRIC REDUCER EXPANSION JOINT FLEXIBLE CONNECTOR FLOW FITTING FLOW DIRECTION FLOW SWITCH PIPE GUIDE DIRECTION OF PITCH PRESSURE TEMPERATURE FITTING PUMP (DIAGRAMATIC) PRESSURE GAUGE WITH VALVE PRESSURE GAUGE WITH VALVE & SIPHON POINT OF CONNECTION POINT OF DEMOLITION SIGHT GLASS SHOCK ABSORBER STRAINER THERMOSTAT UNION

GENERAL NOTES

OVERALL PROJECT MECHANICAL NOTES	
A.	This contractor shall visit the site and verify existing conditions and limitations prior to submitting bid and beginning work. No additional charges will be allowed due to this contractor's misunderstanding as to the amount of work involved or lack of knowledge of any condition in connection with the work.
B.	Notify Building Manager prior to starting work or shutting down any systems. Obtain the assistance of the facility maintenance staff when shutting down existing mechanical and electrical systems.
C.	Provide all equipment, piping, ductwork, controls, components, specialties and accessories necessary for complete and fully functioning mechanical systems whether or not specifically shown on the drawings. Secure all permits and pay all fees in connection with the mechanical work.
D.	Work performed and materials used shall conform in every respect to all requirements of applicable codes, ordinances, rules, and regulations pertaining to the work. This shall not permit a lower grade of construction where the drawings or specifications call for workmanship or materials in excess of code requirements.
E.	Provide timely and proper layout of mechanical equipment and systems. Coordinate mechanical work with work of other trades prior to ordering equipment, beginning system fabrication, and beginning installation.
F.	Noise and vibration generated on the project site as part of fabrication and installation of the mechanical work shall be limited to levels not objectionable to occupants and not detrimental to owner operations. Coordinate with general contractor times and locations where loud work may be performed.
G.	Provide adequate support and vibration isolation for all mechanical equipment and systems furnished and installed as part of the mechanical work. All mechanical equipment shall be supported from the building structure in accordance with code compliant and recognized industry standard methods.
H.	Refer to the architectural drawings for locations of all fire rated walls, ceilings and floors. Where mechanical systems penetrate rated walls, ceilings and floors, maintain the indicated rating with specification and code approved fire sealing materials.
I.	Coordinate construction openings necessary for the proper installation of mechanical systems with the general contractor. Do not cut new, pre-stressed or post-tensioned concrete floors or structural members without first consulting the architect or structural engineer.
J.	At the end of each day's work properly remove and legally dispose of all debris, waste, rubbish, surplus materials, and similar items resulting from the work or associated operations, leaving the project site and all equipment furnished as part of the mechanical work in a clean and dust free condition. Transport debris and rubbish in such a manner as to prevent the spread of dust.
K.	Execute mechanical work with care. New and existing-to-remain construction which is damaged or defaced as a result of the work and is unsuitable for the use intended shall be removed and replaced by this contractor at no additional cost to the owner.
L.	The project mechanical drawings are symbolic and diagrammatic and are intended to show only the general scheme, equipment involved, and the approximate locations of materials and equipment.
M.	Information indicated on the drawings regarding utility service pressures, locations, invert elevations, and materials, has been obtained from a representative of the utility at the time of design. Verify such information prior to fabricating and installing any components associated with utility connections and notify engineer of any deviation before beginning installation of the system.
N.	The project mechanical drawings and specifications are to be considered as supplementing each other. Work specified but not shown, or shown but not specified shall be provided or performed as though mentioned and indicated in both the drawings and specifications. If items indicated on the drawings appear to conflict with other items indicated on the drawings or with the specifications, then the item or statement requiring the greater quantity, superior quality, or condition most favorable to the owner shall take precedence.
O.	The mechanical contractor is responsible for taking down, storage and re-installation of any existing ceiling grids, ceiling tiles, etc. as needed for installation of the new mechanical systems. The mechanical contractor shall replace any damaged grids, tiles, etc. to match existing.
P.	The mechanical contractor shall remove and reinstall any cross-bracing in the joist space that interferes with the installation of the new ductwork, piping and equipment that is to be installed with the joist spacing.
Q.	The mechanical contractor shall provide all necessary offsets and/or transitions as required to install ductwork and piping in the ceiling joist space due to conflicts with existing equipment, ductwork, piping, lights and joist spacing.
R.	All piping, ductwork, equipment, etc. shown screened in plans with new work is existing and is to remain unless otherwise noted.
S.	Refer to the project mechanical specifications for further information and additional requirements.
T.	All mechanical contractors including demo, HVAC plumbing, fire protection, controls, etc. shall review all drawings & specifications in this complete set and provide a complete system as required and not limit themselves to any specific drawing / specification section.

MECHANICAL SHEET INDEX

NUMBER	NAME
M000	MECHANICAL TITLE SHEET
M101	UNDERGROUND PLUMBING PLAN
M102	PLUMBING PLAN
M201	HVAC PLAN
M301	HVAC PIPING PLAN
M400	MECHANICAL DETAILS
M500	MECHANICAL SCHEDULES



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REVISIONS / ISSUE	
NO.	DESCRIPTION

SOUTH VALLEY PARK
PHASE 1 IMPROVEMENTS
SOUTH VALLEY PARK
2810 70TH ST E
INVER GROVE HEIGHTS, MN 55076

PROJECT NAME:

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Travis L. Willemssen

Signature

Travis L. Willemssen

Name

47945

12/22/22

License #

Date

PROJECT NUMBER:

20-05

DATE OF ISSUE:

12/22/22

DRAWN BY:

BJG

CHECKED BY:

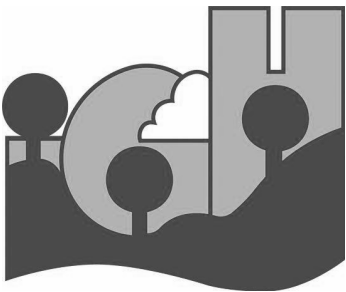
TLW

SHEET NAME:

MECHANICAL
TITLE SHEET

SHEET NO.:

M000



CONSULTANT:



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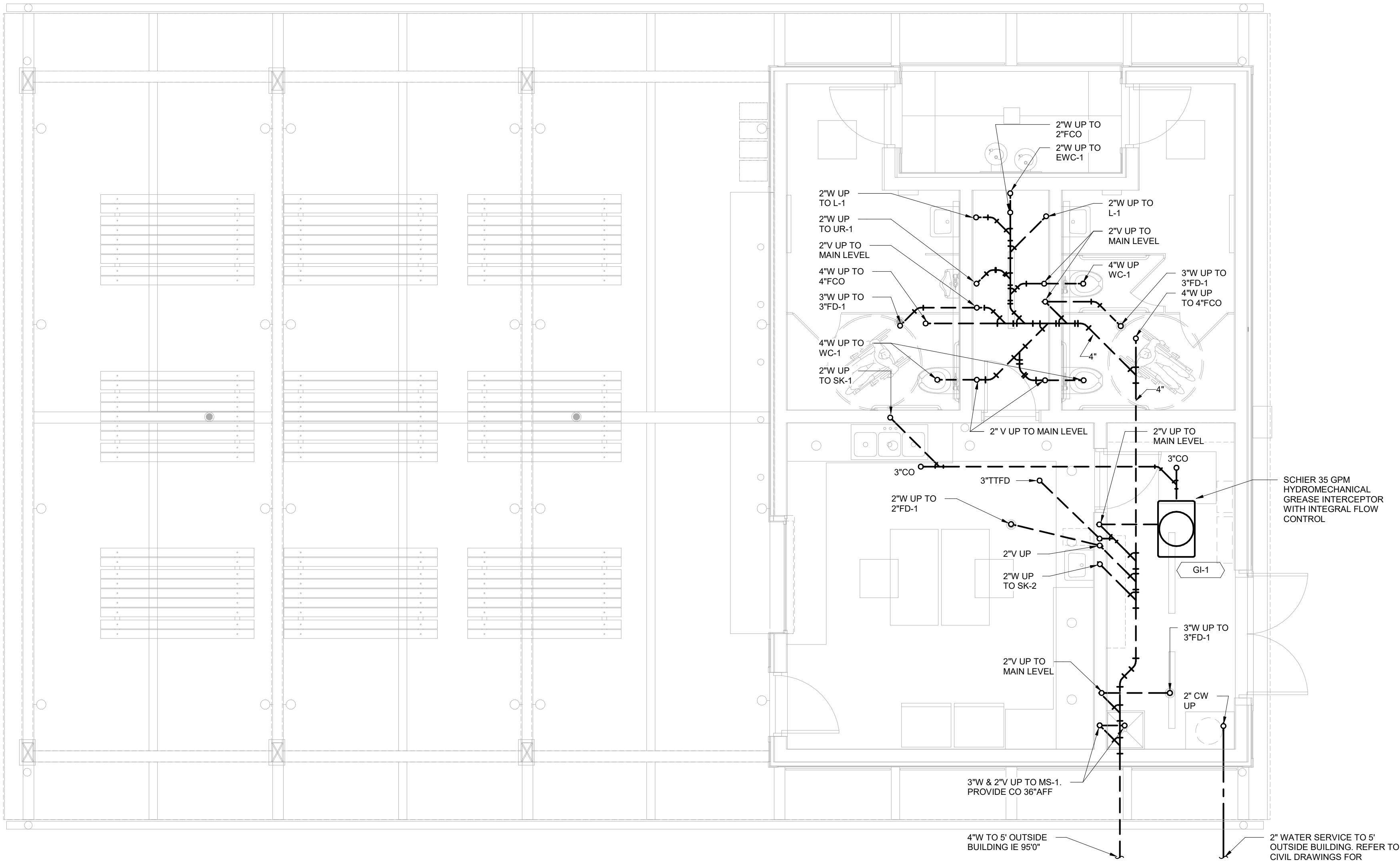
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SHEET NAME:

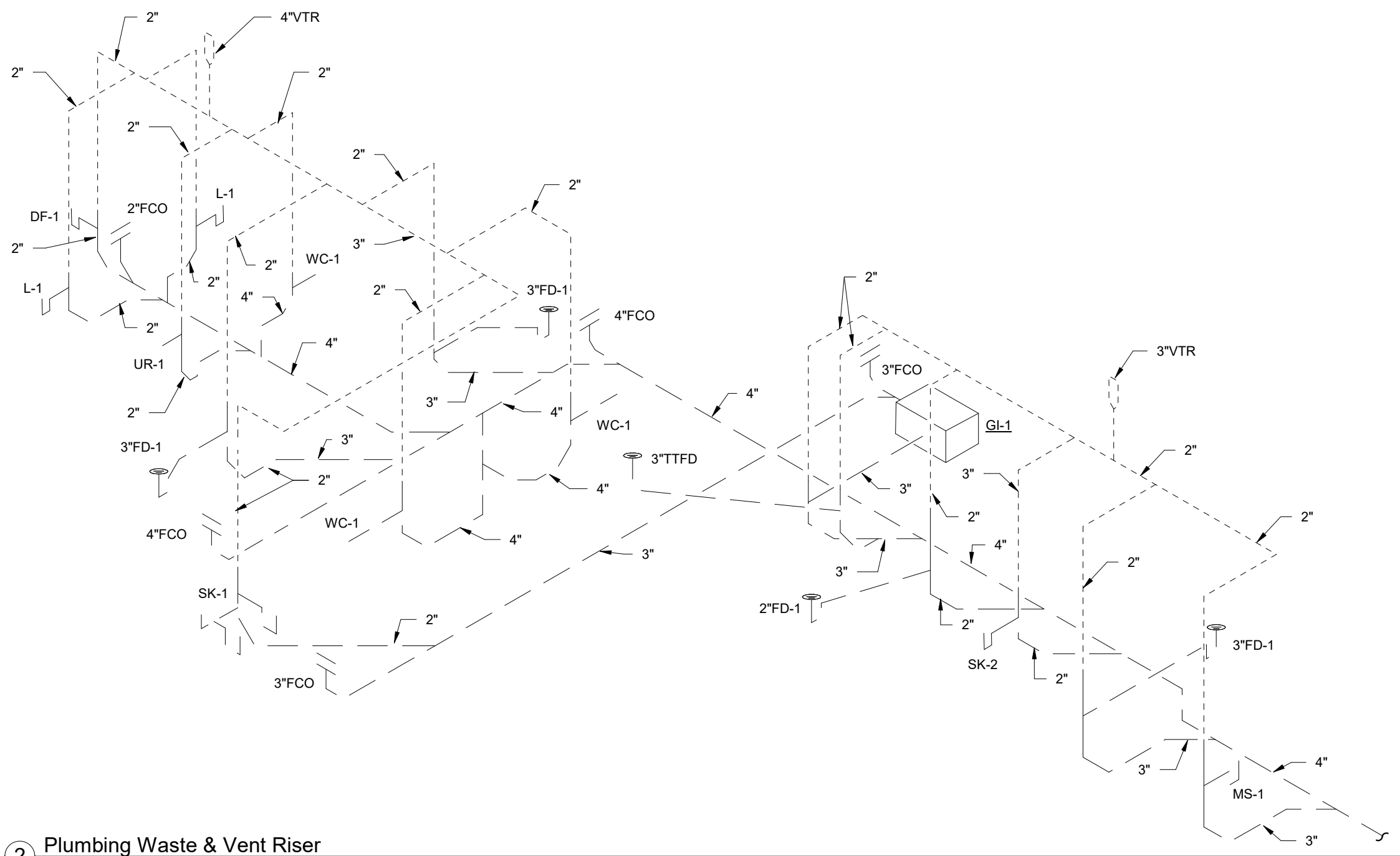
**UNDERGROUND
PLUMBING
PLAN**

SHEET NO.:

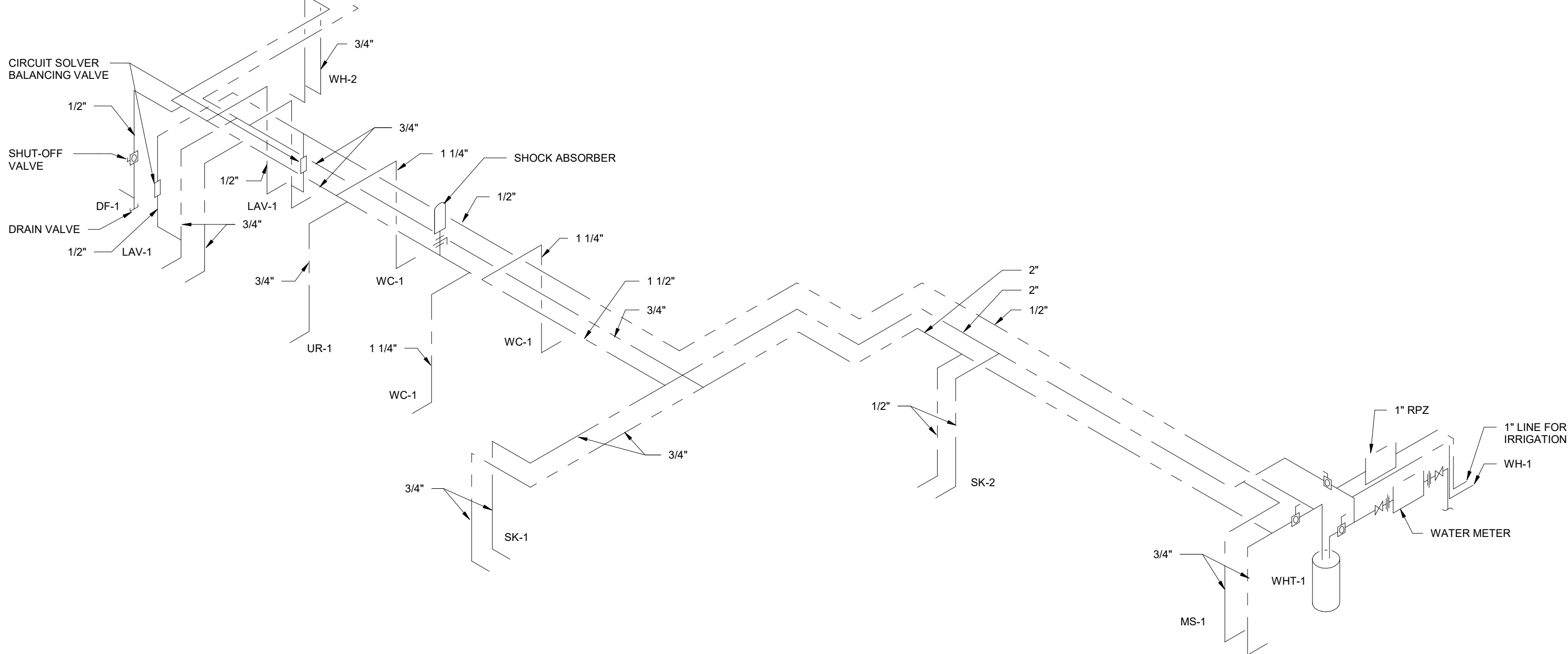
M101



② Plumbing Plan - Underground
1/4" = 1'-0"



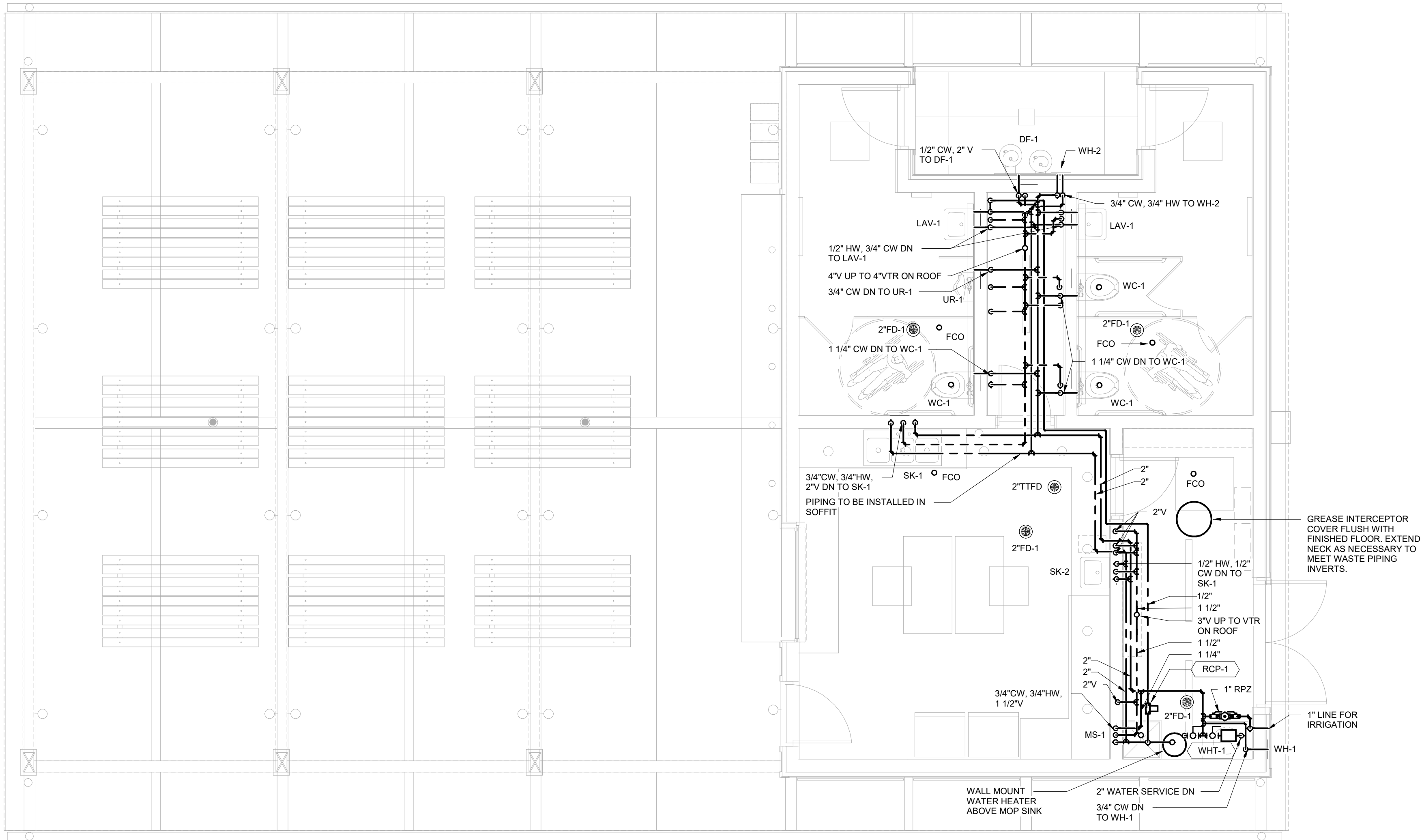
2 Plumbing Waste & Vent Riser
12" = 1'-0"



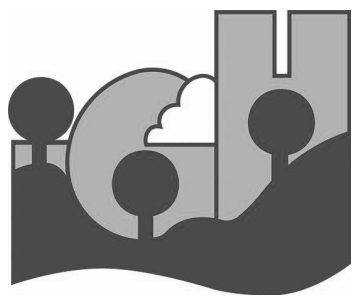
3 Plumbing Domestic Water Riser
NTS

PLUMBING GENERAL NOTES:

- Provide all equipment, piping, controls, components, specialties and accessories necessary for complete and fully functioning mechanical systems whether or not specifically shown on the drawings. Secure all permits and pay all fees in connection with the mechanical work.
- Provide timely and proper layout of mechanical equipment and systems. Coordinate mechanical work with work of other trades prior to ordering equipment, beginning system fabrication, and beginning installation. Keep all plumbing piping runs as high as possible. Maintain proper burial depths for all utility service piping.
- Coordinate all plumbing piping runs with building structure, ductwork and lights. Offset plumbing piping as required for a coordinated and proper system installation. Pitch sanitary and storm drainage piping at 1/4-inch per foot where possible and 1/8-inch per foot minimum unless indicated otherwise on the drawings or required by applicable codes. Where invert elevations are given, the piping shall pitch on an even grade between two given elevations.
- Provide adequate support and vibration isolation for all mechanical equipment and systems furnished and installed as part of the mechanical work. All mechanical equipment shall be supported from the building structure in accordance with code compliant and recognized industry standard methods. No piping shall be supported from other piping, ductwork or conduit.
- Refer to the architectural drawings for locations of all fire rated walls, ceilings and floors. Where mechanical systems penetrate rated walls, ceilings and floors, maintain the indicated rating with specification and code approved fire sealing materials.
- Provide sleeves for all piping penetrations of walls and floors.
- All plumbing piping shall be installed in accordance with the most current adopted Minnesota state plumbing code. Refer to Minnesota Plumbing Code, Chapter 4714.
- Work performed and materials used for the plumbing system shall comply with the standards set in the Minnesota state plumbing code. Refer to Minnesota Plumbing Code, Chapter 4714.
- The domestic water piping system shall be disinfected in accordance with the requirements of the Minnesota state plumbing code. Refer to Minnesota Plumbing Code, Chapter 4714.
- The plumbing system shall be tested in accordance with the requirements of the Minnesota state plumbing code. Refer to Minnesota Plumbing Code, Chapter 4714.
- Plastic pipe must be furnished and installed in accordance with Minnesota state plumbing code requirements. Refer to Minnesota Plumbing Code, Chapter 4714.
- Joints in PVC and CPVC pipe must include use of a primer which is of contrasting color to the pipe and cement. Refer to Minnesota Plumbing Code, Chapter 4714.
- All solder and flux used for potable domestic water distribution systems shall contain less than 0.2 percent lead. Use of 50-50 solder or flux containing more than 0.2 percent lead is prohibited in potable domestic water distribution systems. Any solder other than 95-5 tin-antimony or 96-4 tin-silver must be specifically approved by the governing administrative authority prior to use on this project. Refer to Minnesota Plumbing Code, Chapter 4714.
- Information indicated on the drawings regarding utility service pressures, locations, invert elevations, and materials, has been obtained from a representative of the utility at the time of design. Verify such information prior to fabricating and installing any components associated with utility connections and notify engineer of any deviation before beginning installation of the system.
- Refer also to the HVAC and lighting drawings for coordination and to the project mechanical specifications for further information and additional requirements.
- It is the responsibility of the contractor/installer to notify the Minnesota department of labor and industry when an installation is ready for a state contract job, licensed facility, or project in an area where there is no local administrative authority is ready for an inspection and test.



1 Plumbing Plan - Main Level
1/4" = 1'-0"



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PHASE 1 IMPROVEMENTS

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INVER GROVE HEIGHTS, MN 55076

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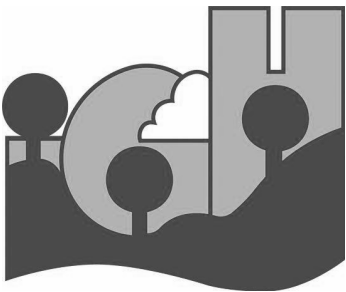
TLW

SHEET NAME:

PLUMBING
PLAN

SHEET NO.:

M102



CONSULTANT:



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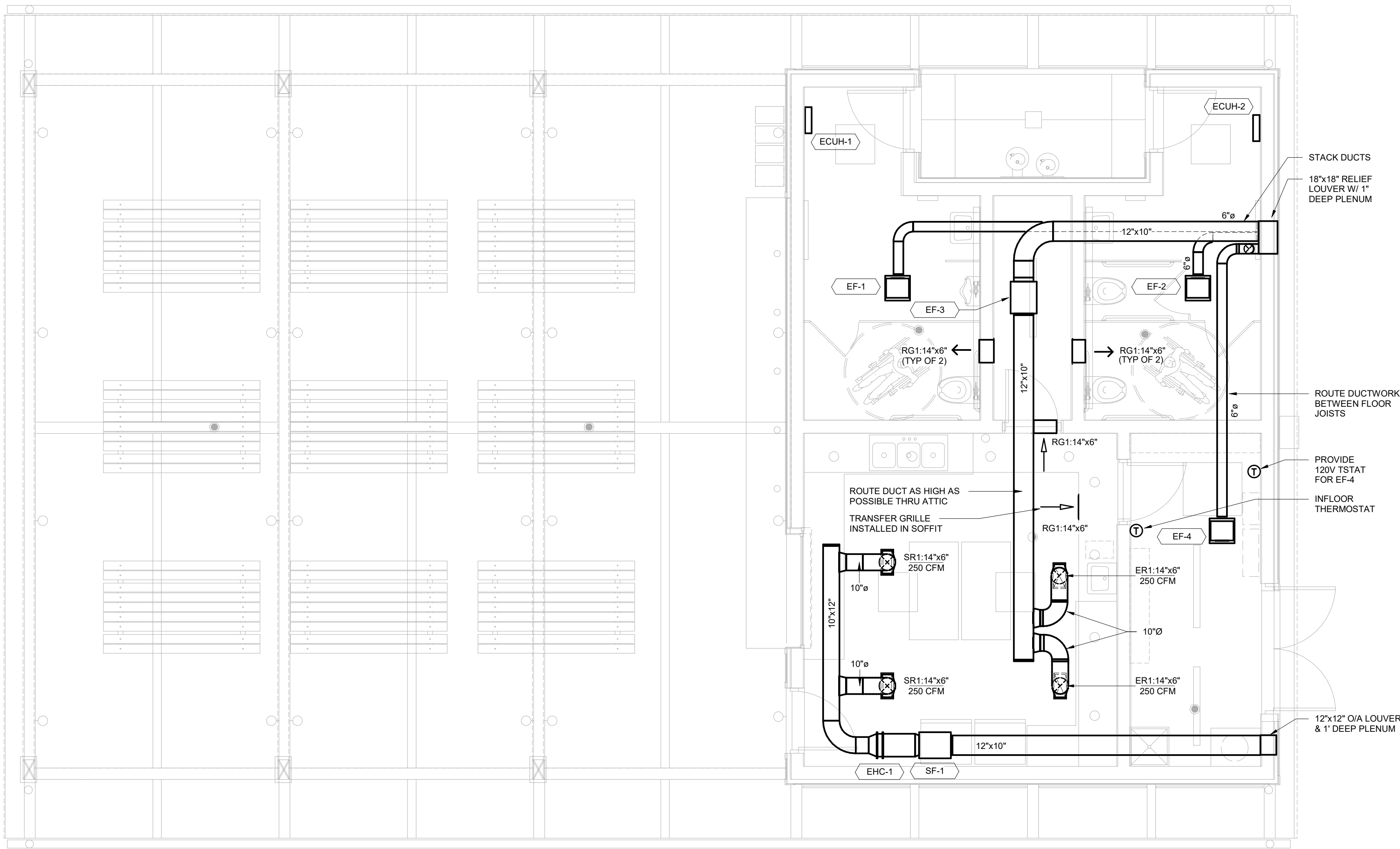
DESCRIPTION

DATE

NO.

HVAC GENERAL NOTES:

- All ductwork shall be fabricated, installed and supported in accordance with chapter 6 of the 2018 International Mechanical Code and associated 2020 Minnesota amendments, the most current ASHRAE and SMACNA standards and the mechanical specifications for this project.
- Provide adequate support and vibration isolation for all mechanical equipment and systems furnished and installed as part of the mechanical work. All mechanical equipment shall be supported from the building structure in accordance with code compliant and recognized industry standard methods. No ductwork or piping shall be supported from other ductwork, piping or conduit.
- Refer to the architectural drawings for locations of all fire rated walls, ceilings and floors. Where mechanical systems penetrate rated walls, ceilings and floors, maintain the indicated rating with specification and code approved fire sealing materials.
- Refer to the architectural reflected ceiling plans for ceiling types, heights, and exact locations of all diffusers, grilles, registers, lights, and ceiling mounted equipment. Coordinate air terminal device layout with other ceiling equipment and ceiling architectural features.
- Coordinate construction openings necessary for the proper installation of mechanical systems with the general contractor. Do not cut new, pre-stressed or post-tensioned concrete floors or structural members without first consulting the architect or structural engineer. Coordinate roof openings with general contractor prior to ordering and setting rooftop equipment.
- Provide sleeves for all ductwork and piping penetrations of walls and floors. Maintain respective wall and ceiling ratings at all mechanical penetrations.
- Ductwork dimensions are inside clear airflow dimensions. Increase lined ductwork dimensions accordingly.
- Contractor may substitute spiral ductwork in lieu of rectangular ductwork sizes.
- Provide a manual volume balancing damper on each branch duct that serves a diffuser or register.
- Provide flexible connections at the air inlet and outlet of each fan unit or device.
- Mount thermostats and wall switches at 54-inches above finished floor unless indicated otherwise. Refer to the HVAC drawings for locations.
- The project mechanical drawings are symbolic and diagrammatic and are intended to show only the general scheme, equipment involved, and the approximate locations of materials and equipment.
- The project mechanical drawings and specifications are to be considered as supplementing each other. Work specified but not shown, or shown but not specified shall be provided or performed as though mentioned and indicated in both the drawings and specifications. If items indicated on the drawings appear to conflict with other items indicated on the drawings or with the specifications, then the item or statement requiring the greater quantity, superior quality, or condition most favorable to the owner shall take precedence.
- Refer also to plumbing and lighting plans for coordination and to the project mechanical specifications for further information and additional requirements.



① HVAC Plan - Main Level
1/4" = 1'-0"

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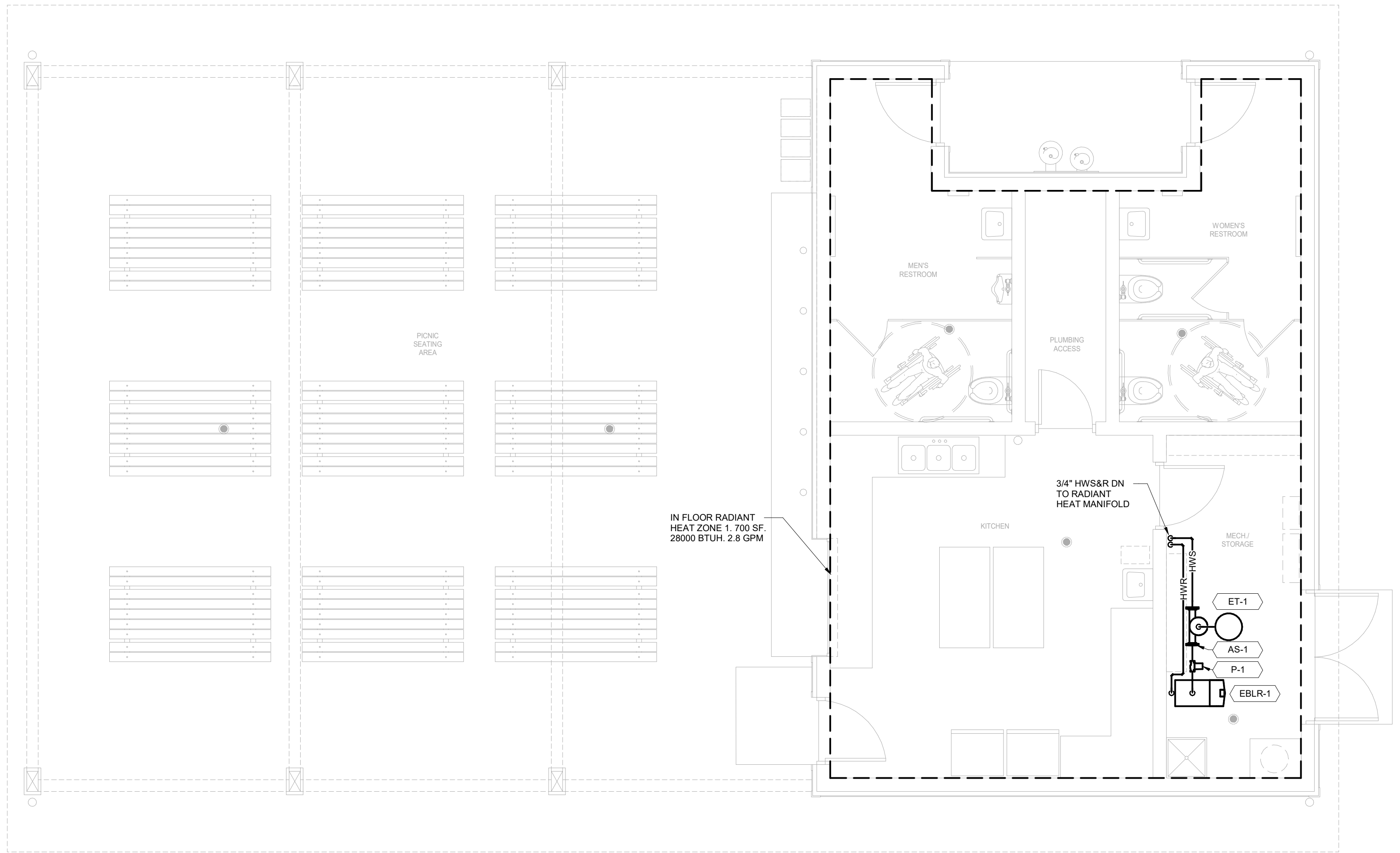
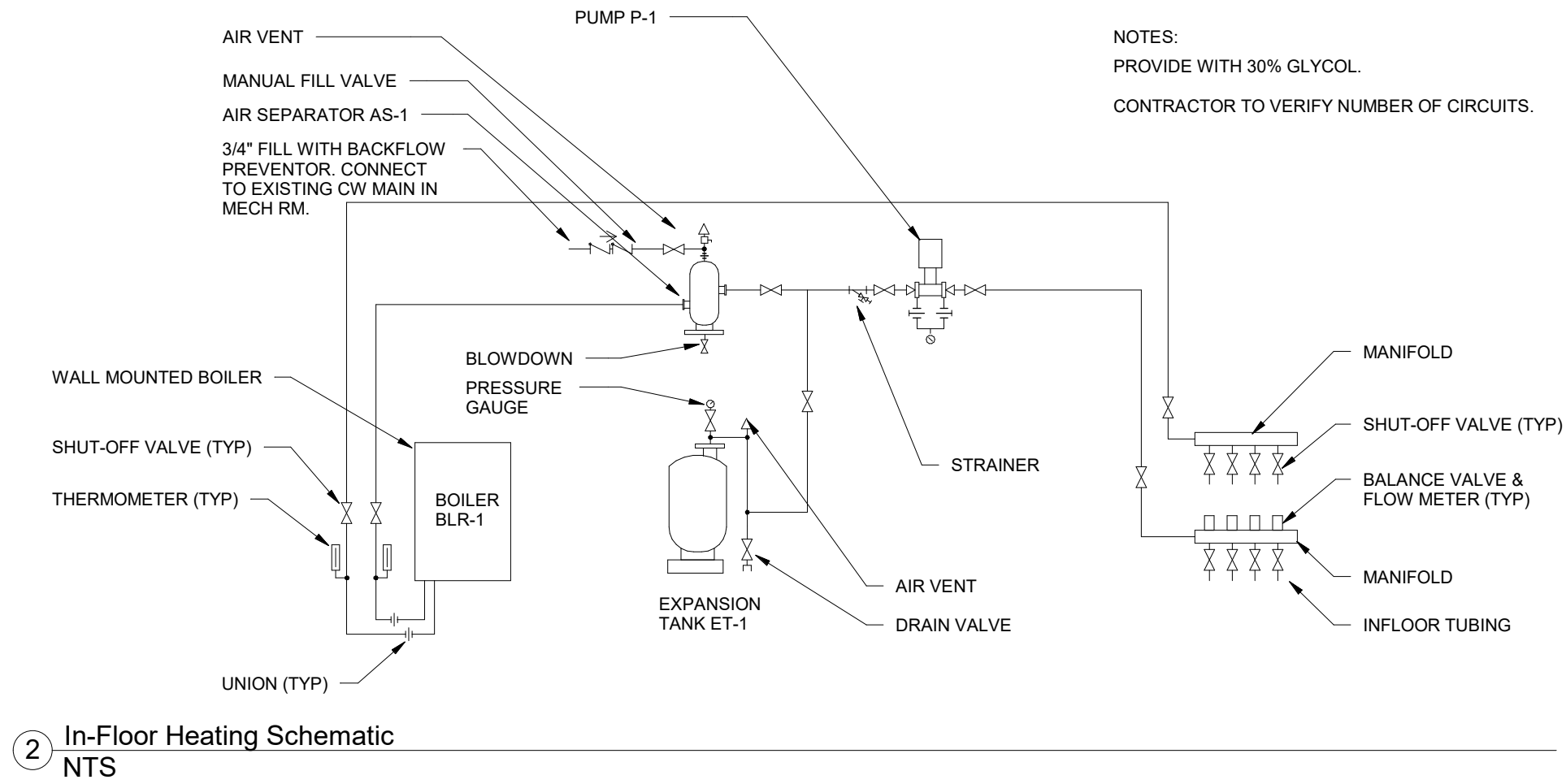
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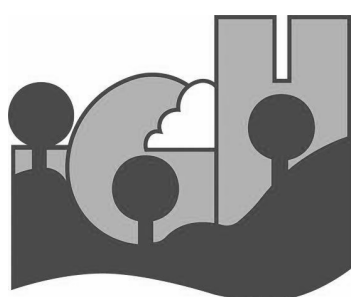
SHEET NAME:

HVAC PLAN

SHEET NO:

M201





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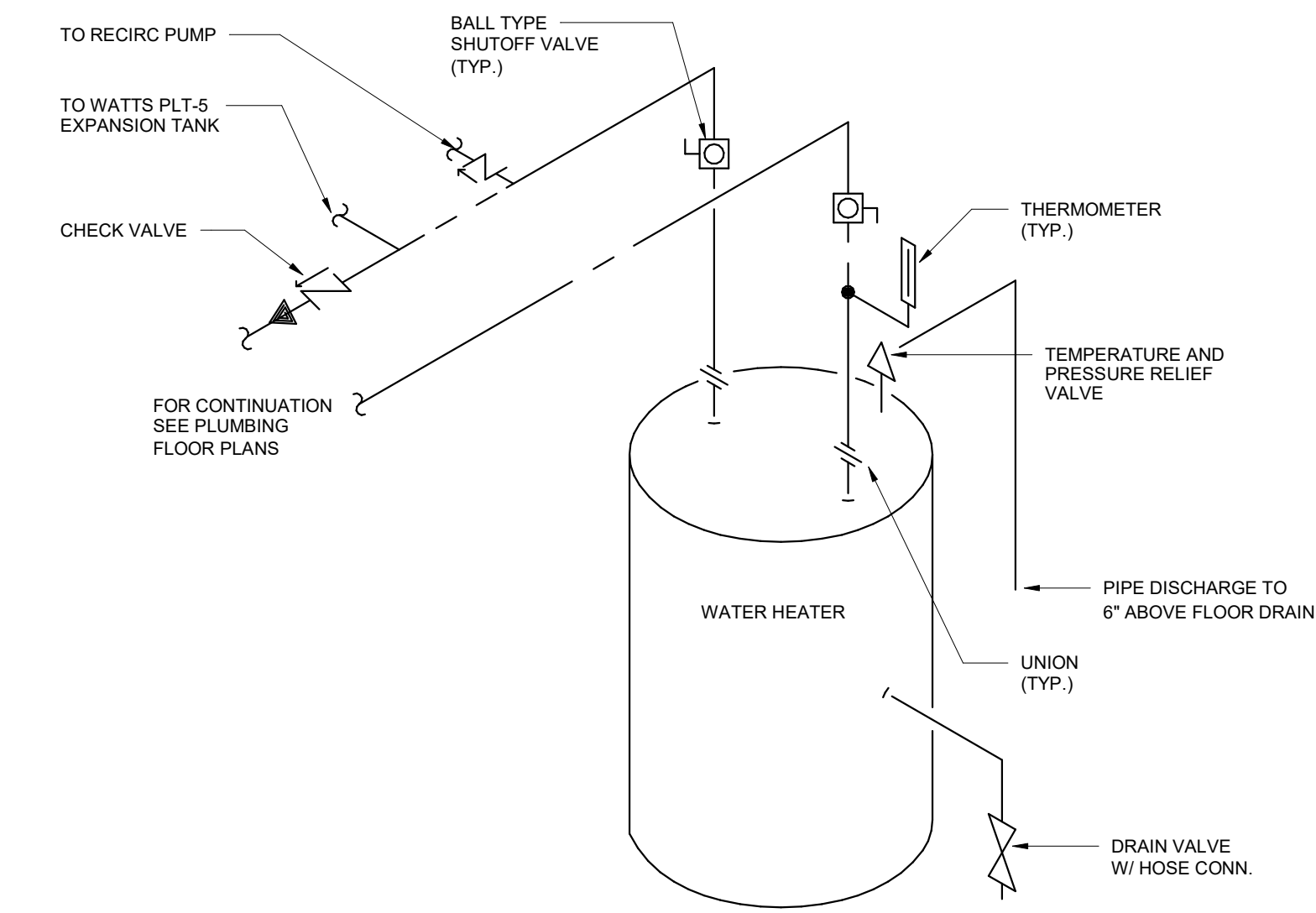
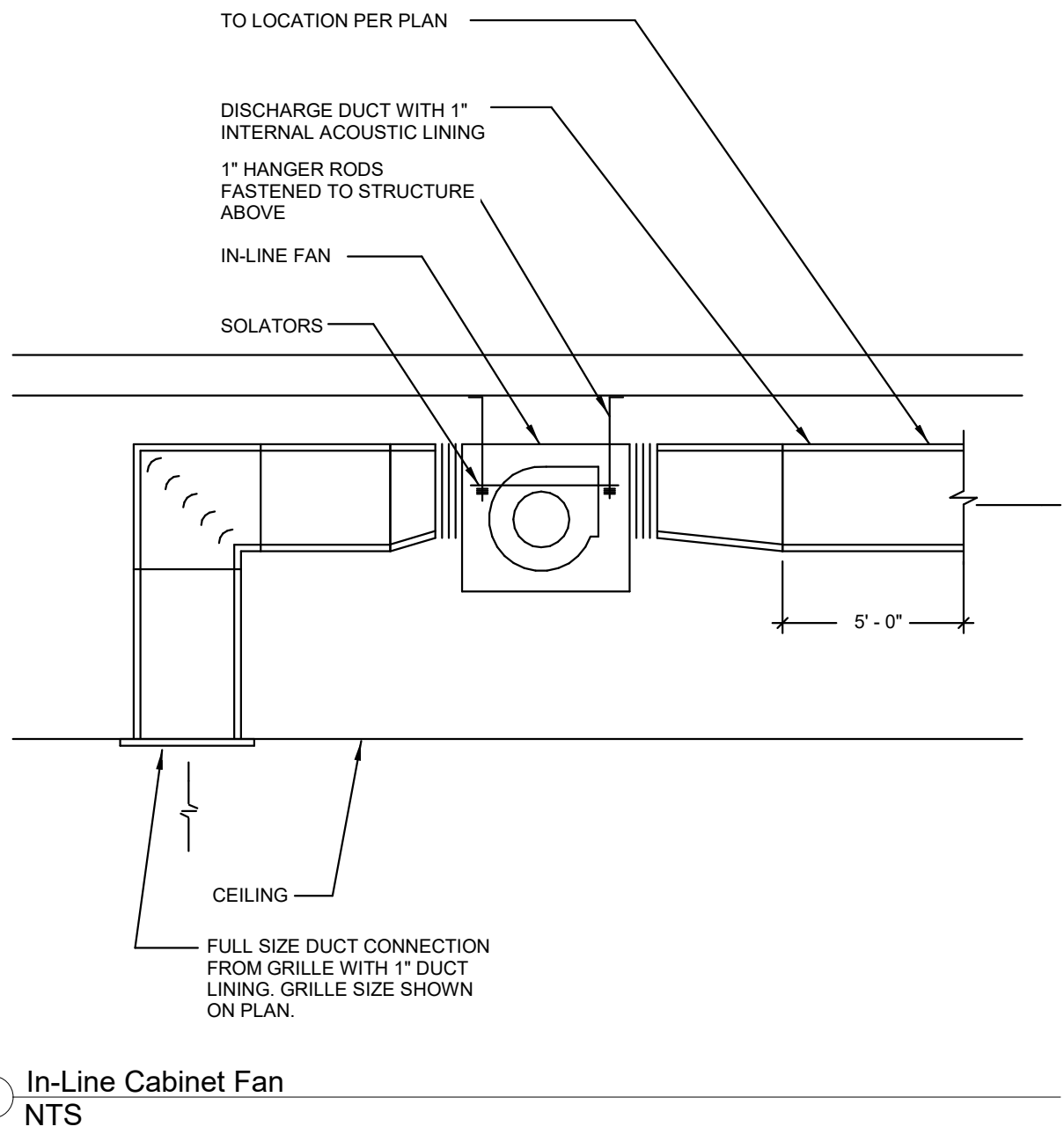
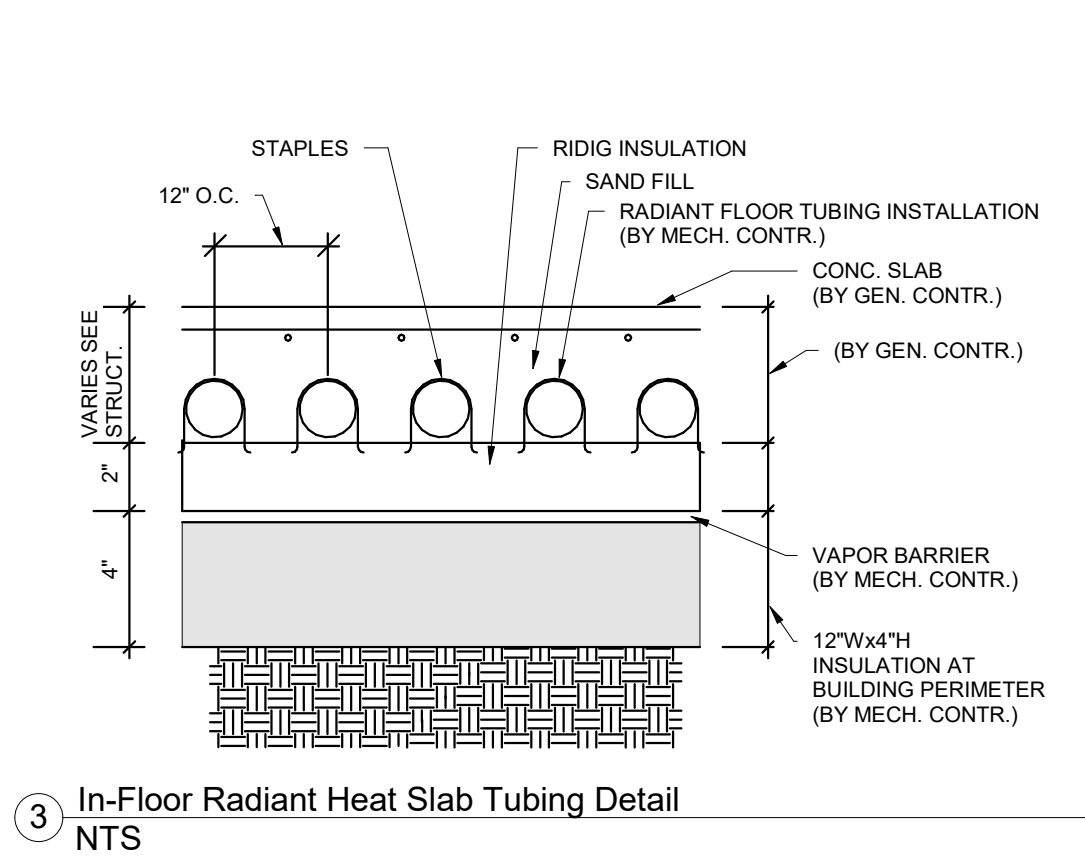
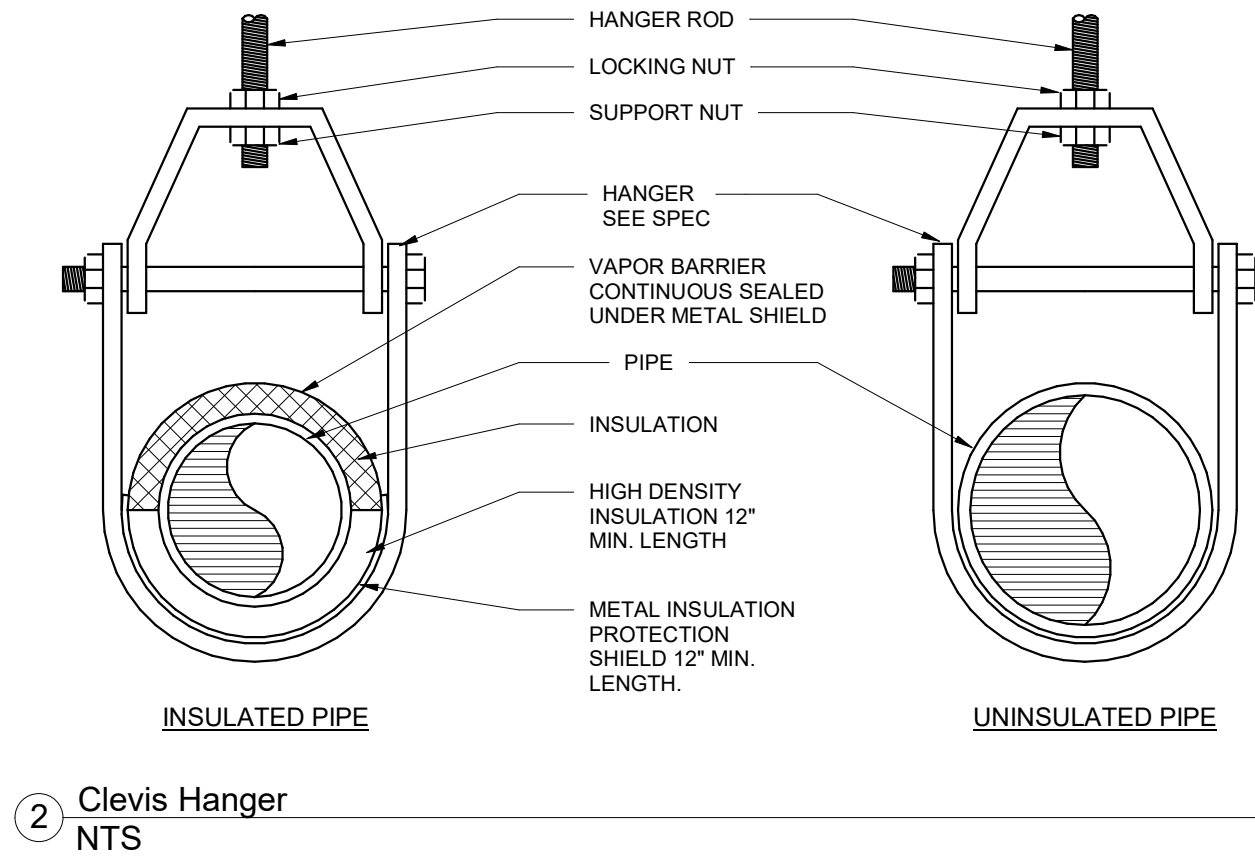
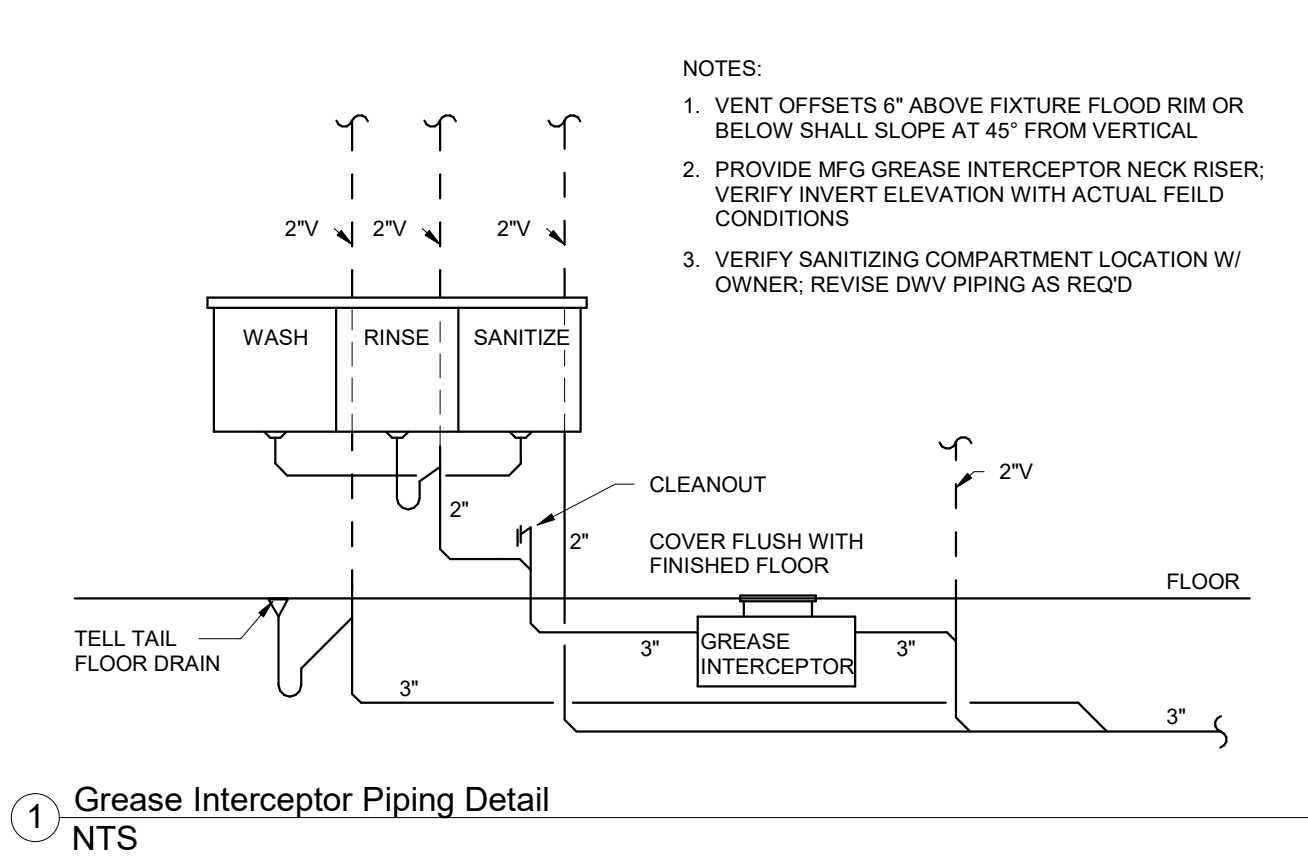

Signature
Travis L. Willemssen
Name
47945 12/22/22
License # Date

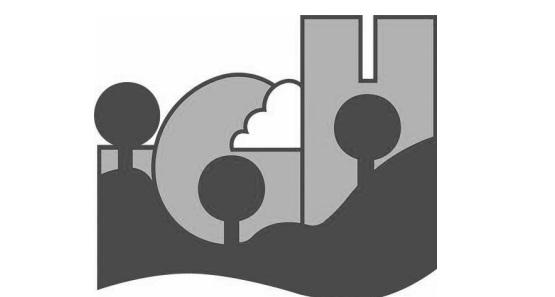
PROJECT NUMBER:	20-05
DATE OF ISSUE:	12/22/22
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CHECKED BY:	TLW
SHEET NAME:	

HVAC PIPING PLAN

SHEET NO:

M301





CONSULTANT:

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47945 12/22/22
License # Date

PROJECT NUMBER: 20-05
DATE OF ISSUE: 12/22/22
DRAWN BY: BJG
CHECKED BY: TLW

SHEET NAME:
**MECHANICAL
DETAILS**

SHEET NO:
M400

Plumbing Fixture Schedule						
Fixture Tag	Fixture Type	Minimum Pipe Sizes				Notes
		Cold	Hot	Waste	Vent	
DF-1	Dual Height Drinking Fountain	1/2"	0"	1 1/2"	1 1/2"	Dual Height with Bottle Filler
LAV-1	Wall Hung Lavatory	1/2"	1/2"	1 1/2"	1 1/2"	Battery Sensor, ADA
MS-1	Mop Sink	3/4"	3/4"	3"	1 1/2"	Floor Mount
SK-1	Three Compartment Sink	3/4"	3/4"	2"	2"	Three Compartment Undermount.
SK-2	Sink	1/2"	1/2"	1 1/2"	1 1/2"	Single Compartment, ADA
UR-1	Wall Hung Flush Valve Urinal	3/4"	0"	2"	1 1/2"	Battery Sensor, ADA
WC-1	Water Closet	1 1/4"	0"	4"	2"	Battery Sensor, ADA
WH-1	Wall Hydrant	3/4"	0"	0"	0"	Wall Hydrant
WH-2	Wall Hydrant	3/4"	3/4"	0"	0"	Dual Temp Wall Hydrant

Electric Boiler Schedule											
Mark	Area Served	Manufacturer	Model Number	Description	MBH	Power	Voltage	Phase	Starter By	Disc. By	Notes
EBLR-1	Mech Room	Sussman	EW-12	Electric Boiler	40	12 kW	208 V	3	Mech	Elec	1

- Notes:
- Provide water temp sensors, control panel, temp/pressure relief, low water cutoff and all necessary safeties and accessories.
 - Provide with 30% propylene glycol.

Cabinet Unit Heater Schedule													
Mark	Area Served	Manufacturer	Model Number	Orientation	CFM	EAT	LAT	Power	Voltage	Phase	Starter By	Disc. By	Notes
ECUH-1	Bathroom	Markel	3420J3425T	Surface Mount	245	50 °F	113 °F	5kW	208 V	3	Mech	Mech	1,2
ECUH-2	Bathroom	Markel	3420J3425T	Surface Mount	245	50 °F	113 °F	5kW	208 V	3	Mech	Mech	1,2

- Notes:
- Provide factory disconnect, mounting hardware and integral tamper proof thermostat.

Exhaust Fan Schedule															
Mark	Area Served	Manufacturer	Model Number	CFM	ESP	Damper	Control Voltage	RPM	Sones	Power	Voltage	Phase	Starter By	Disc. By	Notes
EF-1	Bathroom	Greenheck	SP-A390	250	0.50 in-wg	O.B.	24 V	1350	2	135 W	120 V	1	Elec	Elec	1
EF-2	Bathroom	Greenheck	SP-A390	250	0.50 in-wg	O.B.	24 V	1350	2	135 W	120 V	1	Elec	Elec	1
EF-3	Kitchen	Greenheck	SQ-95-VG	500	0.50 in-wg	O.B.	24 V	1602	8.5	1/6 HP	120 V	1	Elec	Elec	1
EF-4	Bathroom	Greenheck	SP-A250	100	0.50 in-wg	O.B.	24 V	1000	2.5	54 W	120 V	1	Mech	Elec	1

- Notes:
- Provide with gravity backdraft damper, factory disconnect, adequate support & vibration isolation.

Electric Heating Coil Schedule													
Mark	Area Served	Manufacturer	Model Number	Duct Width	Duct Height	CFM	Total MBH	EAT	LAT	Power	Voltage	Phase	Notes
EHC-1	Kitchen	Indeeco	QUA	14"	12"	500	49	-16 °F	75 °F	15kW	208 V	3	1

- Notes:
- Provide with SCR control Airflow Proving switch and duct thermostat.

Domestic Water Circulating Pump Schedule										
Mark	Manufacturer	Model Number	Pump GPM	Pump Head (FT)	Power	Voltage	Phase	Starter By	Disc. By	Notes
RCP-1	Bell & Gossett	ecocirc 19-16	1.0	10	60W	120 V	1	Mech	Elec	1

- Notes:
- Provide EC motor with built-in controls.

Water Heater Schedule - Electric									
Mark	Location	Manufacturer	Model Number	Volume	Recovery	Power	Voltage	Phase	Notes
WHT-1	Mechanical Room	A.O. Smith	DEL-10	10 gal	16 gal/h	4kW	208 V	3	1

- Notes:
- Provide temperature/pressure relief piped to mops sink. Wall mount unit above mop sink with drain pan.

Pump Schedule										
Mark	Manufacturer	Model Number	GPM	Head (FT)	Power	Voltage	Phase	Starter By	Disc. By	Notes
P-1	Bell & Gossett	ecocirc 36-45	3.0	25	1/6 HP	120 V	1	Mech	Elec	1

- Notes:
- Provide EC motor with built-in controls.

Supply Fan Schedule															
Mark	Area Served	Manufacturer	Model Number	CFM	ESP	Damper	Control Voltage	RPM	Sones	Power	Voltage	Phase	Starter By	Disc. By	Notes
SF-1	Kitchen	Greenheck	SQ-95-VG	500	0.50 in-wg	O.B.	24 V	1602	8.5	1/6 HP	120 V	1	Mech	Elec	1

- Notes:
- Provide with gravity backdraft damper, factory disconnect, adequate support & vibration isolation and 20"x14" filter rack with Merv 8 filter.

Air Terminal Schedule						
Mark	Description	Manufacturer	Model	Damper	Finish	Notes
ER1	Exhaust Register 35° Deflection	Titus	350RL	O.B.	White	
RG1	Return Grille 35° Deflection	Titus	350RL	None	White	
SR1	Double Deflection Supply Register	Titus	300RS	O.B.	White	

Expansion Tank Schedule									
Mark	Area Served	Type	Manufacturer	Model Number	Tank Volume	Tank Diameter	Tank Height	Tank Flooded Weight	Notes
ET-1	Mech Room	Diaphragm Type Tank	Bell & Gossett	D-15	8 gal	1' - 0"	1' - 7"	107 lb	1

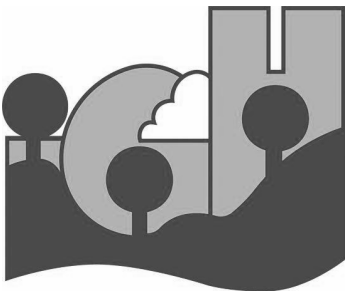
- Notes:
- Hang tank from stucture.

Air Separator Schedule										
Mark	Location	Description	Manufacturer	Model Number	Inlet Size	Tank Height	Tank Diameter	GPM	Unit Operating Weight (LBS)	Notes
AS-1	Mech Room	Flanged Air Separator with Strainer	Bell & Gossett	R-2N	0' - 2"	2' - 3"	0' - 11"	3.0	66	1

- Notes:
- Provide with removable strainer.

Grease Interceptor Schedule							
Mark	Manufacturer	Model Number	Flow Rate GPM	Liquid Capacity Gallons	Grease Holding Capacity (LB)	Inlet/Outlet Pipe Sizes	Notes
GI-1	Schier	GB2	35 GPM	20	130.5	4"	1,2

- Notes:
- Field verify invert elevations, extend neck to install cover flush with finished floor.
 - Provide with integral flow control.



CONSULTANT:



OERTEL

ARCHITECTS

1795 ST. CLAIR AVENUE
ST. PAUL, MN 55105

(651) 696-5186
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Paulson & Clark Engineering

Structural | Mechanical | Electrical | Security

2352 E County Road J
White Bear Lake, MN 55110
Office: (651) 407-6056
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REVISIONS / ISSUE

DESCRIPTION

DATE

NO.

SOUTH VALLEY PARK
PHASE 1 IMPROVEMENTS

SOUTH VALLEY PARK
2810 70TH ST E
INVER GROVE HEIGHTS, MN 55076

PROJECT NAME:

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Travis L. Willemssen

Signature

Travis L. Willemssen

Name

47945

12/22/22

License #

Date

PROJECT NUMBER:

20-05

DATE OF ISSUE:

12/22/22

DRAWN BY:

BJG

CHECKED BY:

TLW

SHEET NAME:

MECHANICAL
SCHEDULES

SHEET NO.:

M500

Request for Council Action

SUBJECT: 2022 Body Worn Camera Audit

MEETING DATE: January 9, 2023

ITEM TYPE: Consent Agenda

CONTACT: Melissa Chiodo, Police Chief, 651.450.2526

ACTION REQUESTED

The Council is asked to accept the Inver Grove Heights Police Department's 2022 Body Worn Camera (BWC) Audit conducted by the Minnesota Security Consortium.

BACKGROUND

Minnesota Statutes 13.825 and 626.8473 require police departments that utilize Body Worn Camera (BWC) systems to have an audit completed every two years to make sure they are compliant with the rules and laws pertaining to BWC use. The Inver Grove Heights Police Department retained the Minnesota Security Consortium to audit the agency's use of its Body-Worn Camera (BWC) System. This is the second audit since the inception of the BWC program at the Inver Grove Heights Police Department. This audit covers the period from 11/1/2020 to 10/31/2022.

The audit covers 10 different areas to ensure compliance with Minnesota Statutes. They are: 1) Required Public Hearing (before implementation of the program), 2) Department BWC Policy, 3) Officer Use of BWC Equipment, 4) Data Classification and Retention, 5) Access by Data Subjects, 6) Use of Agency-Issued BWC, 7) Authorization to Access Data, 8) Sharing Among Agencies, 9) Biennial Audits and 10) BWC System Vendors. The audit's Executive Summary is attached, and explains each area in detail and the correlating state statutes.

The results of the audit conducted by the Minnesota Security Consortium confirms that the Inver Grove Heights Police Department is using its Axon BWC System in accordance with the requirements of Minn. Stat. § 13.825 and § 626.8473.

FISCAL IMPACT

The cost of the audit was \$1,300, which was accounted for within the Police Department's budget.

RECOMMENDATION

Staff recommends that the Council accept the Inver Grove Heights Police Department's 2022 Body Worn Camera (BWC) Audit conducted by the Minnesota Security Consortium.

ATTACHMENTS

1. IGH PD 2022 BWC Audit Executive Summary

Inver Grove Heights Police Department 2022 Body Worn Camera (BWC) Audit

Executive Summary Report

Prepared for City of Inver Grove Heights

November 29, 2022



Minnesota Security Consortium - MNSec

Bringing Information Security to Local Minnesota Governments

Background:

Inver Grove Heights Police Department retained the Minnesota Security Consortium (MNSec) to audit its agency's use of its Body-Worn Camera (BWC, see Definitions Section below) program against the requirements of Minn. Stat. § 13.825 and Minn. Stat. § 626.8473. The Minnesota Security Consortium (MNSec) does not operate or have access to their BWC systems, therefore allowing it to audit the systems as an independent auditor. Interviews and auditing of the Axon system was conducted with the Inver Grove Heights Police Department Patrol Commander during the audit process. This was their second audit.

Definitions:

For the purposes of this audit and report, the use of the term Body-Worn Camera (BWC) systems shall be the same as the State Statute definition of "Portable Recording Systems," as defined by Minn. Stat. § 13.825, Subd. 1 (b) as follows:

"portable recording system" means a device worn by a peace officer that is capable of both video and audio recording of the officer's activities and interactions with others or collecting digital multimedia evidence as part of an investigation;

"portable recording system data" means audio or video data collected by a portable recording system; and

"redact" means to blur video or distort audio so that the identity of the subject in a recording is obscured sufficiently to render the subject unidentifiable.

Audit Period and Scope:

The Audit Period covered by this report covers the period 11/1/20 to 10/31/22.

Inver Grove Heights Police Department uses the Cloud based Axon video system for its BWC program. Although their Axon system records both in-squad video as well as BWC videos, the scope of the audit focused only on BWC video data. Their Axon systems was treated as their only primary source of all BWC data and was the focus of this audit. All Axon BWC data video had date and time stamps of when the data was collected.

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Required Public Hearing:

Pursuant to Minn. Stat. § 626.8473, Subd. 2, Inver Grove Heights Police Department allowed for public comment regarding its new BWC Program at the Inver Grove Heights City Council Workshop held on October 22, 2018. The meeting notice was posted on August 10, 2018 on their City Website and FaceBook pages. Board Minutes of this Inver Grove Heights City Council Workshop and Meeting were provided to us and reviewed during the audit.

Inver Grove Heights was compliant with this aspect of the Statute, Minn. Stat. § 626.8473, Subd. 2.

Department BWC Policy:

Inver Grove Heights Police Department has two BWC Policies in place.

The main BWC policy is entitled, "Portable Audio/Video Recorders, Policy 422." Their secondary BWC policy is entitled, "Portable Audio/Video Recorder Retention and Labeling Procedure: Procedure 401."

Both BWC policies were updated this year in 2022, prior to the Audit. Their Policy and Procedures was reviewed to ensure that it contained the required elements as outlined in Minn. Stat. § 626.8473, Subd. 3. Their willingness to keep their policies updated and current was noted and satisfies the intent of the statute.

Officer use of BWC Equipment:

Inver Grove Heights Police Department policy "Portable Audio/Video Recorders, Policy 422." requires that Officers wear their BWC equipment and activate it during specific instances.

Random samples of one officer's patrol duty schedule were taken and compared against their dispatch Calls for Service, as well as the Axon video library to determine if they had been recording videos during those calls in accordance with their policy. The patrol officers appeared to be using their BWC appropriately and activating recordings as outlined in the policy, Portable Audio/Video Recorders, Policy 422, section, "General Guidelines for Recording."

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Data Classification and Retention:

Inver Grove Heights Police Department treats BWC data as private unless it is permitted to be release in accordance with the provisions of Stat. § 13.825, Subd. 2.

Inver Grove Heights Police Department setup its data classification and retention schedule for BWC videos in the administrative settings of the Axon console. This retention schedule is consistent with and outlined in their second BWC policy is entitled, "Portable Audio/Video Recorder Retention and Labeling Procedure: Procedure number 401." All BWC data is retained for a minimum of 90 Days, as required by Minn. Stat. §13.825, Subd. 3 (a).

BWC data was sampled and audited across the audit period, and more intensely in the period of September 2022. Calls for Service from earlier in the audit period that had BWC data associated to it, and which had expired retention periods, showed that the BWC data had been deleted from the Axon System.

When the BWC data involves the use of force, discharge of a firearm by a peace officer, or when the event triggers a formal complaint against the peace officer, the BWC data is retained for a minimum of 1 year in accordance with Minn. Stat. §13.825, Subd. 3 (b). At the time of the audit, Inver Grove Heights Police Department has set that Retention Period for these type of calls for service to a period of 7 years, under their classification category, "Report and/or Arrest."

In addition, all BWC footage related to the discharge of a firearm by a peace officer in the course of duty as defined by Minn. Stat. § 626.8473, Subd. 2 (1), was reviewed during the audit. No such incidents were reported during the audit period.

In addition, on specific type of calls, the Inver Grove Heights Police Commander(s) in charge of the BWC program also review related BWC videos to ensure that all related videos have the appropriate classification. Any modifications to the classification are auditable in the Axon audit trail. Sampled BWC data was examined for modifications to the classification tags. The Axon audit trail indicated when the re-classification was made and by whom. Samples examined during the audit showed that most BWC Data was tagged with the correct classification and Retention Period in most cases.

Inver Grove Heights Police Department was compliant with its Classification requirements and very compliant with the Retention requirements based on Statute, Minn. Stat. § 626.8473, Subd. 2. and Subd. 3.

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Access by Data Subjects:

Inver Grove Heights Police Department processes BWC data requests, using their form entitled, "Body Camera Release Form." These requests are processed by the Records Department staff and requires approval by Command.

Inver Grove Heights Police Department now also processes BWC data requests through it's online Records Request form: <https://www.ighmn.gov/1366/Police-Records-Requests>

At the time of the audit, one Court mandated BWC data disclosure had been made.

Inver Grove Heights Police Department stated they redact BWC data when released to Data Subjects. They stated that they had processed approximately 4 records requests during the audit period, 11/1/20 to 10/31/22.

Use of Agency-Issued BWC:

Minn. Stat. § 13.825, Subd. 6 states that:

"While on duty, a peace officer may only use a portable recording system issued and maintained by the officer's agency in documenting the officer's activities."

Inver Grove Heights Police Department "Portable Audio/Video Recorders, Policy 422," section 422.5, "MEMBER RESPONSIBILITIES," states:

"Prior to going into service, each uniformed member will be responsible for making sure that he/she is equipped with a portable recorder issued by the Department

Inver Grove Heights Police Department "Portable Audio/Video Recorders, Policy 422," section 422.7, "PROHIBITED USE OF AUDIO/VIDEO RECORDERS," states:

"Members are prohibited from using personally owned recording devices while on-duty."

Inver Grove Heights Police Department was compliant with this part of the Statute.

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Authorization to Access Data:

Inver Grove Heights Police Department allows its officers to review their own BWC data. Access is enforced using user accounts and roles/rights in the Axon system.

BWC data was sampled and audited across the audit period, and more intensely in the period of September 2022. Results of sampling the BWC data, and its related audit trail in the Axon system, showed that it was either not viewed at all, viewed by the officer who recorded the data, or by a police supervisor. In approximately 100 samples, BWC video metadata was reviewed during the audit process by the Auditor and the Patrol Commander. In all samples, the BWC videos were shown to be viewed by either no one, the officer or supervisor.

All views and access were consistent with Inver Grove Heights Police Department "Portable Audio/Video Recorders, Policy 422" and Minn. Stat. § 13.825 Subd. 7, as authorized by the Chief of Police.

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Sharing Among Agencies:

Inver Grove Heights Police Department treats BWC data as private and may only share BWC data with other agencies when permitted by Minn. Stat. § 13.825, Subd. 8 and Subd. 7.

Inver Grove Heights Police Department processes BWC data requests by other Agencies via email which must contain a legitimate, specified law enforcement purpose, as required by Minn. Stat. § 13.825, Subd. 7.

Inver Grove Heights Police Department was compliant with this aspect of the Statute.

Biennial Audits:

This is the second BWC Audit for the Inver Grove Heights Police Department. The agency has acknowledged that it intends to continue completing biennial audits of its BWC System, as required by Minn. Stat. § 13.825, Subd. 9.

BWC System Vendors:

At the time of the audit, Axon was the primary vendor and system for their BWC program. BWC videos were recorded, classified, and stored in Axon cloud-based system, called Evidence.com.

Because Evidence.com is a cloud-based solution, it is subject to the requirements of Minn. Stat. § 13.825, Subd. 11 (b), which requires Axon to follow the requirements of the FBI's CJIS Policy 5.91 and subsequent versions. Axon has published a CJIS White paper outlining its responsibilities for CJIS compliancy and it also stated that it has filed the appropriate CJIS Security Addendum with the State of Minnesota, which we verified with the BCA.

Inver Grove Heights Police Department was compliant with this aspect of the Statute.

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Conclusion:

Based on the results of the Inver Grove Heights Police Department BWC Audit conducted by the Minnesota Security Consortium (MNSec), we were able to demonstrate that Inver Grove Heights Police Department is using the Axon BWC System in accordance the requirements of Minn. Stat. § 13.825 and Minn. Stat. § 626.8473.

This Audit was conducted and attested to by:



11/29/2022

Dimitrios Hilton

Senior Auditor, Minnesota Security Consortium (MNSec)

Submitted to:

- Inver Grove Heights Police Department Chief of Police
- Inver Grove Heights City Council
- Legislative Coordinating Commission, Subcommittee on Data Practices

Request for Council Action

SUBJECT: **2023 Contribution to the Inver Grove Heights Fire Relief Association**

MEETING DATE: January 9, 2023

ITEM TYPE: Consent Agenda

CONTACT: Amy Hove, Finance Director, 651.450.2521

ACTION REQUESTED

The Council is asked to adopt the attached Resolution, authorizing payment of a 2023 voluntary contribution in the amount of \$92,475 to the Inver Grove Heights Fire Relief Association.

BACKGROUND

The City entered into a six-year agreement with the Inver Grove Heights Fire Relief Association to provide voluntary contributions to the pension plan for paid-on-call firefighters. 2023 is the sixth, and final, year of that agreement. Per the agreement, the voluntary contribution scheduled for 2023 is \$92,475. This amount has been budgeted for within the Fire Department budget.

FISCAL IMPACT

The proposed amount of \$92,475 matches the existing agreement and the figure budgeted for within the Fire Department's 2023 budget.

RECOMMENDATION

Staff recommends approval of the proposed voluntary contribution in the amount of \$92,475 for calendar year 2023.

ATTACHMENTS

1. Resolution

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

RESOLUTION NO. _____

**RESOLUTION AUTHORIZING A 2023 VOLUNTARY CONTRIBUTION OF \$92,475 TO THE
INVER GROVE HEIGHTS FIRE RELIEF ASSOCIATION**

WHEREAS, the City Council of the City of Inver Grove Heights, entered into an agreement with the Inver Grove Heights Fire Relief Association to provide voluntary contributions to the Relief Association's pension plan for paid-on-call firefighters for years 2018 through 2023, and;

WHEREAS, the 2023 scheduled voluntary contribution of \$92,475 has been included in the 2023 budget.

NOW, THEREFORE BE IT RESOLVED, BY THE CITY OF INVER GROVE HEIGHTS:
that, in accordance with the existing agreement between the City and the Inver Grove Heights Fire Relief Association, the Finance Director is hereby authorized to disburse the \$92,475 budgeted as a voluntary contribution to the Relief Association for calendar year 2023.

Adopted by the City of Inver Grove Heights this 9th day of January 2023.

Ayes:

Nays:

Brenda Dietrich, Mayor

ATTEST:

Rebecca Kiernan, City Clerk

Request for Council Action

SUBJECT: **Assignment of Improvement Agreement - Silverstar Car Wash**

MEETING DATE: January 9, 2023
ITEM TYPE: Consent Agenda
CONTACT: Bridget Nason, City Attorney

ACTION REQUESTED

The Council is asked to approve the attached Assignment and Assumption of Improvement Agreement for the Silverstar Car Wash site.

BACKGROUND

The Council previously granted various approvals related to the development of the vacant lot located at 9093 Broderick Blvd. into a car wash facility. The owner of the property, Strongbox Investments, seeks to transfer the property to a wholly owned subsidiary. Therefore, the existing Improvement Agreement between the City and Strongbox Investments needs to be assigned to this new entity (MN1 Inver Grove LLC). The attached Assignment of Improvement Agreement transfers Strongbox Investments' obligations under the Improvement Agreement to MN1 Inver Grove LLC.

FISCAL IMPACT

n/a

RECOMMENDATION

Staff recommends approval of the attached Assignment and Assumption of Improvement Agreement.

ATTACHMENTS

1. Assignment Assumption of Improvement Agreement

ASSIGNMENT AND ASSUMPTION OF IMPROVEMENT AGREEMENT

This Assignment and Assumption of Improvement Agreement (“Assignment”) is made and entered into as of January 9, 2023 (the “Effective Date”), by and between Strongbox Investments, LLC, a South Dakota limited liability company (“Assignor”), MN1 Inver Grove, LLC, a South Dakota limited liability company (“Assignee”), and the City of Inver Grove Heights, a Minnesota municipal corporation (“City”).

WHEREAS, Assignor is the owner of real property located in the City of Inver Grove Heights, Minnesota, and legally described on the attached **Exhibit A** (the “Improvement Property”);

WHEREAS, Assignor is the Owner under that certain City of Inver Grove Heights Improvement Agreement Relating to Lot 4, Block 1, Arbor Point 11th Addition recorded on December 21, 2022 in the Office of the Dakota County Recorder as Document No. 3570850 (“Improvement Agreement”);

WHEREAS, Assignor intends to convey the Improvement Property to Assignee and desires to assign its interest in and obligations under the Improvement Agreement to the Assignee, subject to the terms set forth in this Assignment; and

NOW THEREFORE, in return for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, it is agreed by the City, Assignor, and Assignee as follows:

1. Capitalized Terms. Capitalized terms used in this Assignment that are not otherwise defined herein shall have the meanings assigned to such terms in the Improvement Agreement.

2. Assignment and Assumption. As of the Effective Date, Assignor hereby transfers, assigns, and conveys to Assignee all of its right, title, obligations under, and interest in and to the Improvement Agreement with respect to the Improvement Property, provided,

however, the Assignment shall not release or relieve Assignor of any of its obligations, duties, covenants, conditions, or liabilities under the Improvement Agreement to the extent arising or accruing prior to the Effective Date. Assignee hereby accepts this Assignment and agrees to assume as direct contractual obligations between Assignee and the City all of Owner's obligations under the Improvement Agreement, and to be bound to the City by all of the terms and conditions set forth in the Improvement Agreement related to the Improvement Property. The City hereby consents to the assignment to Assignee and assumption by Assignee as described herein. Assignee and Assignor hereby agree that any escrow amounts provided by Assignor to the City pursuant to the Improvement Agreement or related in any other way to the Improvement Property prior to the Effective Date that are eligible to be refunded to the Assignor or Assignee following completion of the requirements under the Improvement Agreement shall be refunded to the Assignor; any additional escrow amounts provided by Assignee to the City after the Effective Date that are eligible to be refunded to the Assignor or Assignee following completion of the requirements under the Improvement Agreement shall be refunded to the Assignee.

3. Assignor's Representations and Warranties. Assignor hereby represents and warrants to Assignee and City as of the Effective Date the following:

- a. Assignor is the sole Owner of the Improvement Property and has not previously transferred or assigned any interest in the same.
- b. The Improvement Agreement is not modified and is in full force and effect.
- c. Assignor has full right, power, and authority to enter into this Assignment.
- d. To Assignor's knowledge, no default on the part of Assignor, and no breach or failure of condition that, with notice or lapse of time or both, would constitute a default on the part of Assignor, exists under the Improvement Agreement.

4. Indemnification of Assignee. Assignor shall indemnify and hold Assignee harmless from any and all liabilities, claims, obligations, losses and expenses, including reasonable attorneys' fees arising in connection with the Improvement Agreement which are actually incurred, and which arise by virtue of acts or omissions occurring thereunder, or as a result of Assignor's failure to fulfill the Owner's duties and obligations accruing under the Improvement Agreement, prior to the Effective Date of this Assignment.

5. Indemnification of Assignor. Assignee shall indemnify and hold Assignor harmless from any and all liabilities, claims, obligations, losses and expenses, including reasonable attorneys' fees arising in connection with the Improvement Agreement which are actually incurred, and which arise by virtue of acts or omissions occurring thereunder, or as a result of Assignee's failure to fulfill the Owner's duties and obligations accruing under the Improvement Agreement, on or after the Effective Date of this Assignment.

6. Address for Notification. Formal Notices under Section 1.21 of the Improvement Agreement required to be sent to Assignee shall be sent to: MN1 Inver Grove, LLC, 1610 S. Minnesota Ave., Sioux Falls, SD 57105.

7. Further Acts. Assignor and Assignee agree to do such further acts and execute, deliver, file, and record such further documents and instrument as may be reasonably necessary to effectuate, evidence, and record the assignment and assumption in this Assignment.

8. Severability. Should any portion of this Assignment be held by a court of law or any arbitration proceeding to be invalid, unenforceable, or void, such holding will not have the effect of invalidating the remainder of this Assignment, and the parties agree that the portion held to be invalid, unenforceable, or void, will be deemed amended, reduced in scope, or otherwise stricken only to the extent required for purposes of validity and enforcement in the jurisdiction of such holding.

9. Counterparts. This Assignment may be executed in counterparts, each of which shall be deemed an original, and all of which shall taken together be deemed one document.

[Signature pages follow]

IN WITNESS WHEREOF, the parties have signed this Assignment to be effective as of the Effective Date.

CITY OF INVER GROVE HEIGHTS

By: _____
Brenda Dietrich
Its: Mayor

ATTEST:

Rebecca Kiernan, City Clerk

(CITY SEAL)

STATE OF MINNESOTA)
)
COUNTY OF DAKOTA) ss.

On this _____ day of January, 2023, before me a Notary Public within and for said County, personally appeared Brenda Dietrich and Rebecca Kiernan to me personally known, who being each by me duly sworn, each did say that they are respectively the Mayor and City Clerk of the City of Inver Grove Heights, the municipality named in the foregoing instrument, and that the seal affixed to said instrument was signed and sealed on behalf of said municipality by authority of its City Council and said City Clerk acknowledged said instrument to be the free act and deed of said municipality.

Notary Public

ASSIGNOR:

Strongbox Investments, LLC

By: _____
Bryan Slama
Its: Manager

STATE OF _____)
)ss.
COUNTY OF _____)

On this _____ day of January, 2023, before me a Notary Public within and for said County and State, personally appeared Bryan Slama, to me personally known, who being by me duly sworn, did say that he is the Manager of Strongbox Investments, LLC, a South Dakota limited liability company, and that the foregoing instrument was executed on behalf of Strongbox Investments, LLC by its Manager Bryan Slama who acknowledged said instrument to be the authorized free act and deed of Strongbox Investments, LLC.

Notary Public

ASSIGNEE:

MN1 Inver Grove, LLC

By: _____
Bryan Slama
Its: Manager

STATE OF _____)
)ss.
COUNTY OF _____)

On this _____ day of January, 2023, before me a Notary Public within and for said County and State, personally appeared Bryan Slama, to me personally known, who being by me duly sworn, did say that he is the Manager of MN1 Inver Grove, LLC, a South Dakota limited liability company, and that the foregoing instrument was executed on behalf of MN1 Inver Grove, LLC by its Manager Bryan Slama who acknowledged said instrument to be the authorized free act and deed of MN1 Inver Grove, LLC.

Notary Public

This Instrument Was Drafted By:

Bridget Nason, # 0347322
LeVander, Gillen, & Miller, P.A.
1305 Corporate Center Drive, #300
Eagan, MN 55121

(651) 451-1831

After Recording Return This Instrument To:

Bridget Nason, # 0347322
LeVander, Gillen & Miller, P.A.
1305 Corporate Center Drive, #300
Eagan, MN 55121

(651) 451-1831

EXHIBIT A

IMPROVEMENT PROPERTY

Real property situated in the City of Inver Grove Heights, County of Dakota, State of Minnesota,
legally described as:

Lot 4, Block 1, Arbor Pointe 11th Addition

Request for Council Action

SUBJECT: **Resolution Authorizing Vehicle Procurement for Building Inspections Division**

MEETING DATE: January 9, 2023

ITEM TYPE: Consent Agenda

CONTACT: Heather Rand, Community Development Director, 651.450.2546

ACTION REQUESTED

The Council is asked to adopt the attached Resolution authorizing procurement of a small truck for Community Development's Building Inspection Division and authorizing a 2023 Budget Amendment to carry over 2022 budget Building Inspection Division revenues to fund such acquisition.

BACKGROUND

Over the last few years, the City's Code Compliance Coordinator and Chief Building Official have been increasingly utilizing their personal vehicles to travel to city inspections, due to a shortage of assigned fleet vehicles and increasing demands on available pool vehicles. Employees are reimbursed for mileage and this reimbursement expense to the Department's budget has grown over time. Additionally, the use of personal vehicles when conducting city inspections can also lead to some confusion by residents and businesses, as there is no city seal or identification on the personal vehicles conducting city business.

To improve the situation, staff is requesting approval to purchase an additional vehicle (i.e a small truck) to better meet the transportation needs of the building inspection and code compliance coordinator when they are conducting field work. At the close of 2022, the revenues for the Building Inspection Division had exceeded the 2022 budget by just over \$100,000, making those revenues a logical funding source for the identified small truck acquisition cost.

In late 2022, Public Works fleet management developed small truck specs and secured written quotes on a 4x4 GMC Canyon and a 4x4 Ford Ranger. The base price for a Ford Ranger was quoted at \$38,000 and the base price for a GMC Canyon was \$46,000, after factoring in an expected 15% price increase for 2023. Staff recommend that for budgeting purposes, an additional 10% contingency cost be added to the quoted base prices to address market cost volatility between quote and when order is placed, and to add an additional \$2,000 for outfitting equipment to each quote. That places the Ford Ranger acquisition expense at \$43,800 and the GMC Canyon at \$52,600 total for budget purposes. Public Works Fleet management finds the truck quality and the expense to maintain comparable for both the Ford and GMC trucks and as such, recommend the city pursue acquisition of the Ford Ranger. It should be noted that the GMC Canyon quote while based on "state-contract" bidding, was not only more expensive, but also had a longer projected lead time of up to 14 months. For all these reasons, staff recommends the procurement of the Ford Ranger truck at a cost not to exceed \$43,800, and further authorize the use of surplus Building Inspection Division budget revenues carried over from the 2022 budget to fund such acquisition. A copy of written quotes is attached for the record.

FISCAL IMPACT

The total estimated cost for the proposed purchase is \$43,800, to be funded via a carry-over of excess Building Inspections revenue from 2022.

RECOMMENDATION

Staff recommends adoption of the attached Resolution, authorizing a small truck acquisition at amount not to exceed \$43,800 and authorizing a 2022 budget carry-over / 2023 budget amendment to fund the acquisition.

ATTACHMENTS

1. Resolution Authorizing Small Truck Purchase
2. Ford Ranger and GMC Canyon Truck Quotes

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY MINNESOTA
RESOLUTION NO. _____**

**RESOLUTION AUTHORIZING PROCUREMENT OF SMALL TRUCK FOR
BUILDING INSPECTION DIVISION AT AMOUNT NOT TO EXCEED \$43,800 WITH
ADDITIONAL 2023 FUNDING PROVIDED BY WAY OF BUDGET AMENDMENT**

WHEREAS, the City of Inver Grove Heights Community Development Department's Building Inspection Division have demonstrated immediate need for the city to procure a small truck for conducting inspections throughout the city as the existing city motor pool fleet and building inspection assigned vehicles are consistently being utilized by other city staff; and

WHEREAS, the end of year Building Inspection Division actual revenues have exceeded the 2022 budget projections by \$100,000, allowing some of those funds to be carried over for use in the 2023 budget to fund the acquisition of a small truck to meet city staff transportation needs, and

WHEREAS, the city's Public Works fleet management staff have evaluated the existing motor pool, assigned trucks and concurred that fleet capacity should be expanded to include a small truck to meet building inspection and code compliance inspection needs; and

WHEREAS, the city's Public Works fleet management staff have secured written quotes for small trucks using the state contract and the retail market, and based on such, recommend the acquisition of a 2023 Ford Ranger, 4x4 small truck at an expense not to exceed \$43,800, as this is the lowest priced quote and requires less lead time to deliver than other quote; and

WHEREAS, the small truck acquisition and 2023 budget amendments require Council approval.

NOW, THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF INVER GROVE HEIGHTS, MINNESOTA, that approval is granted for the procurement of a Ford Ranger truck at an amount not to exceed \$43,800, with additional 2023 budget funding provided by way of a budget amendment not to exceed \$43,800 taken from a carry-over of 2022 budgeted building inspection revenues.

Adopted by the City Council of the City of Inver Grove Heights on January 9, 2023.

Ayes:

Nays:

CITY OF INVER GROVE HEIGHTS

By: _____

Brenda Dietrich

Its: Mayor

Attested:

By: _____

Rebecca Kiernan

Its: City Clerk

The logo for Midway Ford Commercial. It features the word "MIDWAY" in large, bold, yellow capital letters at the top. Below it is the Ford oval logo, which is blue with the word "Ford" in white script. At the bottom, the word "COMMERCIAL" is written in large, bold, orange capital letters. The entire logo is set against a dark background with a metallic, riveted texture.

Fax # 651-604-2936

	Standard	
Automatic Transmission	40/20/40 Vinyl Seat	2.3L EcoBoost
Air Conditioning	Dual Front Air Bags	Rubber Floor Covering
AM/FM Radio	4-Wheel ABS Brakes	Bumpers w/Rear Step
Matching Full Size Spare Tire	Tilt Wheel	Rear View Camera
Power Windows	Power Locks	

[illegible]

		You must have a active FIN code to participate in this purchase contract : FIN code # QC488	
Base Price	Totals	Purchase Order required prior to order placement	
	\$33,557.33	Unit #	
Options Price Totals	\$1,720.00	PO #	
Extended Warranty		CITY OF INVER GROVE HEIGHTS	
Transit Impr Excise Tax	\$20.00	Name of Organization	
Tax Exempt Lic	\$64.25		
6.5% Sales Tax	\$2,293.03	8168 BARBARA AVE	
Document fee	\$125.00	Address	
Sub total per vehicle	\$37,779.61	INVER GROVE HEIGHTS, MN 55077	
Number of Vehicles	1		
Grand Total for all units	\$37,779.61		

Acceptance Signature

RICK JACKSON

11/16/2022

Print Name and Title

Date _____

You must have a active FIN code to participate in this purchase contract : FIN code # **QC488**

Purchase Order required prior to order placement

Unit #

PO #

CITY OF INVER GROVE HEIGHTS

Name of Organization

8168 BARBARA AVE

Address	
---------	--

INVER GROVE HEIGHTS, MN 55077

City, State, Zip

RICK JACKSON / 651-450-4317

Contact Person/ Phone #

RJACKSON@IGHMN.GOV

Contact's e-mail address and fax #



NORTH COUNTRY GM

BOB OHARA | 218-349-8955 | rwohara01@aol.com

Vehicle: [Fleet] 2022 GMC Canyon (T2N43) 4WD Crew Cab 128" Elevation (✔ Complete)

Quote Worksheet

	MSRP
Base Price	\$37,600.00
Dest Charge	\$1,495.00
Total Options	\$2,555.00
Subtotal	\$41,650.00
BID ASSIST	(\$1,000.00)
2023 MODEL PRICING ADJUSTMENT	\$2,500.00
Subtotal Pre-Tax Adjustments	\$1,500.00
Less Customer Discount	(\$2,500.00)
Subtotal Discount	(\$2,500.00)
Trade-In	\$0.00
Subtotal Trade-In	\$0.00
Taxable Price	\$40,650.00
Sales Tax	\$0.00
Subtotal Taxes	\$0.00
Subtotal Post-Tax Adjustments	\$0.00
Total Sales Price	\$40,650.00

Expected 2023 Increase up to 15% \$6,098.00

Dealer Signature / Date

Customer Signature / Date

Selected Model and Options

MODEL

CODE	MODEL	MSRP
T2N43	2022 GMC Canyon 4WD Crew Cab 128" Elevation	\$37,600.00

COLORS

CODE	DESCRIPTION
GAZ	Summit White

This document contains information considered Confidential between GM and its Clients uniquely. The information provided is not intended for public disclosure. Prices, specifications, and availability are subject to change without notice, and do not include certain fees, taxes and charges that may be required by law or vary by manufacturer or region. Performance figures are guidelines only, and actual performance may vary. Photos may not represent actual vehicles or exact configurations. Content based on report preparer's input is subject to the accuracy of the input provided.

Data Version: 17456. Data Updated: Sep 13, 2022 6:52:00 PM PDT.

Request for Council Action

SUBJECT: Reclassification of Assistant Golf Course Superintendent

MEETING DATE: January 9, 2023
ITEM TYPE: Consent Agenda
CONTACT: Janet Shefchik, HR Manager, 651.450.2512

ACTION REQUESTED

The Council is asked to approve a reclassification of the Assistant Golf Course Superintendent position, from Pay Grade 14 to Pay Grade 15.

BACKGROUND

The City has a Council approved Compensation Plan and a Job Evaluation/ Classification system that is on record with the State for Pay Equity compliance purposes. Within that plan, a position that undergoes significant changes can be evaluated to determine whether its job points merit a change to a different pay grade.

The position of Assistant Golf Course Superintendent is currently vacant due to a recent retirement. In order to prepare for posting the job, the department updated the job description to better reflect and give credit for proposed changes to the position's operational responsibilities (e.g., oversight of all seasonal staff who work on the golf course turf and landscaping, etc.).

Following protocol, the updated job description was reviewed by the Department Head and approved by the City Administrator, then sent to the City's classification consultant for a formal evaluation. The results of that evaluation placed the position in Grade 15, and designated it as exempt from the overtime provisions of the federal Fair Labor Standards Act. The City Administrator agrees with the recommendation to reclassify the position from pay grade 14 to pay grade 15, and has asked that it be placed on the Council agenda for approval.

FISCAL IMPACT

The previous incumbent of this position was at the top of the salary range (Step 10 of Grade 14). When posting this position, the hiring range will only include the first 3 steps of Grade 15, which are lower than Step 10 of Grade 14. Therefore, there will be no effect on the budget, and potentially moderate savings over the next several years.

RECOMMENDATION

Staff recommends approval of the reclassification of the Assistant Golf Course Superintendent to Grade 15, Exempt.

ATTACHMENTS

None

Request for Council Action

SUBJECT: Rental Housing Licenses

MEETING DATE: January 9, 2023

ITEM TYPE: Regular Business

CONTACT: Mary Lein, Assistant to the Chief Building Official, 651-450-2552

ACTION REQUESTED

The Council is asked to approve the following rental housing licenses.

BACKGROUND

The City Council adopted a rental licensing ordinance that requires all rental property owners to obtain a rental license every two years. The purpose of the ordinance is to assure proper maintenance of structures to preserve neighborhood stability, protect the quality of existing rental housing stock and maintain property values. The ordinance provides for basic safety and living standards for rentals.

The requested license approvals consist of 120 new-construction, single-family homes in the Canvas development. All properties are being locally managed by Lincoln Property Company. The addresses are:

- 1 6757 Allen Ct
- 2 6766 Allen Ct
- 3 6777 Allen Ct
- 4 6851 Aqua Trl
- 5 6884 Alexa Path
- 6 6753 Allen Ct
- 7 6758 Allen Ct
- 8 6769 Allen Ct
- 9 6810 Avena Path
- 10 6815 Aqua Trl
- 11 6816 Avena Path
- 12 6822 Avena Path
- 13 6828 Aqua Trl
- 14 6828 Avena Path
- 15 6829 Aena Path
- 16 6833 Avena Path
- 17 6834 Avena Path
- 18 6835 Aqua Trl
- 19 6840 Avena Path
- 20 6841 Avena Path

21 6841 Avena Path
22 6856 Avena Path
23 6867 Avena Path
24 6868 Avena Path
25 6872 Alexa Path
26 6876 Alexa Path
27 6894 Alexa Path
28 6901 Angela Trl
29 6905 Angela Trl
30 6909 Angela Trl
31 6913 Angela Trl
32 6917 Angela Trl
33 6921 Angela Trl
34 6925 Angela Trl
35 6929 Angela Trl
36 6930 Angela Trl
37 6933 Angela Trl
38 6934 Angela Trl
39 6937 Angela Trl
40 6938 Angela Trl
41 6941 Angela Trl
42 6942 Angela Trl
43 6945 Angela Trl
44 6946 Abra Ln
45 6946 Angela Trl
46 6949 Angela Trl
47 6950 Angela Trl
48 6953 Angela Trl
49 6957 Angela Trl
50 6961 Angela Trl
51 6964 Angela Trl
52 6965 Angela Trl
53 6967 Angela Trl
54 6972 angela Trl
55 6979 Angela Trl
56 6980 Angela Trl
57 6981 Angela Trl
58 6985 Angela Trl
59 6989 Angela Trl
60 6993 Angela Trl
61 6997 Angela Trl
62 6754 Allen Ct
63 6761 Allen Ct
64 6765 Allen Ct
65 6762 Allen Ct
66 6773 Allen Ct
67 6781 Allen Ct

68 6819 Aqua Trl
69 6821 Aqua Trl
70 6823 Aqua Trl
71 6827 Aqua Trl
72 6831 Aqua Trl
73 6832 Aqua Trl
74 6636 Aqua Trl
75 6839 Aqua Trl
76 6840 Aqua Trl
77 6841 Angela Trl
78 6843 Angela Trl
79 6843 Aqua Trl
80 6844 Aqua Trl
81 6847 Angela Trl
82 6847 Aqua Trl
83 6848 Aqua Trl
84 6851 Angela Trl
85 6854 Angela Trl
86 6855 Angela Trl
87 6856 Aqua Trl
88 6858 Angela Trl
89 6859 Angela Trl
90 6860 Alexa Path
91 6863 Angela Trl
92 6864 Angela Trl
93 6867 Angela Trl
94 6868 Alexa Path
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96 6871 Angela Trl
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107 6896 Alexa Path
108 6897 Angela Trl
109 6899 Angela Trl
110 6918 Angela Trl
111 6922 Angela Trl
112 6926 Angela Trl
113 6940 Abra Ln
114 6942 Abra Ln

115 6945 Abra Ln
116 6947 Abra Ln
117 6948 Abra Ln
118 6952 Abra Ln
119 6954 Abra Ln
120 6973 Angela Trl

The above applications have been found to be complete. The applications include the necessary fee payments, and BCA background checks. The City of Inver Grove Heights Police Chief/Designee has also reviewed and approved the license applications.

FISCAL IMPACT

None

RECOMMENDATION

Community Development and Police Department staff recommend approval of the licenses listed above.

ATTACHMENTS

None

Request for Council Action

SUBJECT: **2nd Reading of Ordinance Regulating the Sale of Legal Products Containing THC**

MEETING DATE: January 9, 2023
ITEM TYPE: Regular Business
CONTACT: Bridget Nason, City Attorney

ACTION REQUESTED

The Council is asked to consider a second reading of the attached ordinance adding Chapter 16 to the City Code, regulating the sale of legal THC Products.

BACKGROUND

In 2022, the Minnesota Legislature amended Minnesota Statutes, Section 151.72 relating to the sale of certain cannabinoid products. The new law permits the sale of edible cannabinoid products, provided that a product sold for human or animal consumption does not contain more than 0.3% of tetrahydrocannabinol and 50 milligrams of any tetrahydrocannabinol per package. These edible cannabinoid products, as that term is defined in Minn. Stat. Sec. 151.72, are referred to herein as "THC Products". The new law allows the sale of THC Products and establishes various labeling and testing requirements, but it does not require retailers selling these products to obtain a license from the State prior to selling THC Products. Cities, however, may establish local regulations related to the sale of THC Products, and a number of cities have adopted ordinances requiring a license for the sale of THC Products.

On August 8, 2021, the City Council adopted an interim ordinance (moratorium) for a period of six months, prohibiting the establishment of new uses and expansion of existing uses involving the sale, testing, manufacturing, or distribution of THC products, and directed staff to conduct a study of the related issues in order to provide a recommendation to the Council about whether the City should amend its zoning, business-licensing, or other general code provisions related to these types of uses to better protect the residents of Inver Grove Heights.

Staff have studied the issue, including reviewing a number of licensing ordinances adopted by other cities. Following completion of this review, staff have prepared the attached licensing ordinance for Council consideration. The ordinance includes the following key provisions:

- Requires a license for the sale of THC Products and establishes criteria for issuance of licenses;
- Establishes safeguards, including requirements for retailers to view valid government-issued identification prior to selling THC Products, and prohibiting the self-service of THC Products; and
- Requires that retail establishments selling THC products be located at least 500 feet from youth-oriented uses, including schools and parks.

The ordinance does not require a license for the sale of products containing cannabinoids that are not intended for human consumption, such as lotions or creams. Aside from the distance requirement from youth-oriented uses, THC Products would be allowed to be sold in retail establishments and restaurants (bars) within the City's various business districts.

The attached ordinance includes minor changes as directed by Council following the first reading of the ordinance, namely:

- Paragraphs (a) and (b) of the purpose and intent section (4-16-1) have been revised to more clearly articulate the considerations related to the adoption of the licensing ordinance.
- Section 4-16-5(a)(4) has been modified to clarify that the distance requirement from businesses where THC products are sold is measured from the building where the business is located to the school building, park, or child care center.
- Section 4-16-10 has been modified to add language clearly indicating that each violation of a provision of the chapter is a separate license violation.

The Council is asked to consider a second reading of the attached ordinance regulating the sale of THC Products.

FISCAL IMPACT

n/a

RECOMMENDATION

Staff recommends approval of the second reading of the attached ordinance related to the sale of legal THC products.

ATTACHMENTS

1. 2nd Reading THC Products Licensing Ordinance

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

ORDINANCE NO. _____

**AN ORDINANCE AMENDING INVER GROVE HEIGHTS CITY CODE
TITLE FOUR, ADDING CHAPTER 16 RELATED TO THE SALE OF LEGAL THC
PRODUCTS**

THE CITY COUNCIL OF THE CITY OF INVER GROVE HEIGHTS ORDAINS AS FOLLOWS:

Section One. Amendment. Title four of the Inver Grove Heights City Code is amended to add Chapter 16 as follows:

Chapter 16: Legal THC Products

4-16-1: Purpose and Intent. The purpose of this Chapter is to regulate the sale of legalized adult-use products that contains tetrahydrocannabinol and that meets the requirements to be sold for human or animal consumption under Minnesota Statutes, section 151.72 ("THC Products") for the following reasons:

- a. The City recognizes that the rapid introduction of newly legalized adult-use THC Products with limited oversight at the state level presents a potential challenge to the public health, safety, and welfare of the residents of Inver Grove Heights, and particularly to youth.
- b. The City has the opportunity to be proactive and make decisions that will mitigate this challenge and reduce exposure of young people to the products or to the marketing of these products and increase compliance among THC Product retailers with laws prohibiting the sale or marketing of THC Products to minors.
- c. A local regulatory system for THC Product retailers is appropriate to ensure that retailers comply with THC Product laws and business standards of the City to protect the health, safety, and welfare of the City's youth and most vulnerable residents.
- d. State law requires THC Product retailers to check the identification of purchasers to verify that they are at least 21 years of age (Minn. Stat. § 151.72, subd. 3(c)), comply with certain packaging and labeling requirements to protect children and youth (Id., subd. 5) and meet certain potency and serving size requirements (Id., subd. 5a).
- e. State law authorizes the Board of Pharmacy to adopt product and testing standards in part to curb the illegal sale and distribution of THC Products and ensure the safety and compliance of commercially available THC Products in the state of Minnesota.
- f. State law does not preempt the authority of a local jurisdiction to adopt and enforce local ordinances to regulate THC Product businesses including, but not limited to, local zoning and land use requirements and business license requirements.
- g. A requirement for a THC Product retailer license will not unduly burden legitimate

business activities of retailers who sell or distribute THC Products to adults but will allow the City to regulate the operation of lawful businesses to discourage violations of state and local THC Product-related laws.

In making these findings and enacting this ordinance, it is the intent of the Inver Grove Heights City Council to ensure responsible THC Product retailing, allowing legal sale and access without promoting increases in use, and to discourage violations of THC Product-related laws, especially those which prohibit or discourage the marketing, sale or distribution of THC Products to youth under 21 years of age.

4-16-2: Definitions.

Except as may otherwise be provided or clearly implied by context, all terms shall be given their commonly accepted definitions. The following words, terms, and phrases, when used in this chapter, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

Compliance Checks. The system the City uses to investigate and ensure that those authorized to sell Licensed Products are following and complying with the requirements of this chapter. Compliance checks may also be conducted by the City or other units of government for educational, research, and training purposes, or for investigating or enforcing Federal, State, or local laws and regulations relating to Licensed Products.

Delivery Sale. The sale of any THC Product to any person for personal consumption and not for resale when the sale is conducted by any means other than an in-person, over-the-counter sales transaction in a licensed retail establishment. Delivery Sale includes, but is not limited to, the sale of any THC Product when the sale is conducted by telephone, other voice transmission, mail, the internet, or app-based service. Delivery sale includes delivery by licensees or third parties by any means, including curbside pick-up.

Exclusive Liquor Store. An establishment that meets the definition of exclusive liquor store in Minnesota Statutes, section 340A.101, subd. 10.

Licensed Product or THC Product. Any product that contains tetrahydrocannabinol and that meets the requirements to be sold for human or animal consumption under Minnesota Statutes, section 151.72.

Moveable Place of Business. Any form of business operated out of a kiosk, truck, van, automobile, or other type of vehicle or transportable shelter and not a fixed address storefront or other permanent type of structure authorized for sales transactions.

Retail Establishment. Any place of business where Licensed Products are available for sale to the general public, including, but not limited to, grocery stores, tobacco products shops, convenience stores, gasoline service stations, bars, and restaurants.

Sale. Any transfer of goods for money, trade, barter, or other consideration.

Self-Checkout. A checkout where customers scan, pack and pay for their goods in a store without being served by a sales associate.

Self-Service Merchandising. Open displays of Licensed Products in any manner where any person has access to the Licensed Products without the assistance or intervention of the licensee or the licensee's employee. Assistance or intervention means the actual physical exchange of the Licensed Product between the customer and the licensee or employee.

Vending Machine. Any mechanical, electric, or electronic, or other type of device that dispenses Licensed Products upon the insertion of money, tokens, or other form of payment directly into the machine by the person seeking to purchase the Licensed Product.

4-16-3: License.

(a). **License Required.** No person shall sell or offer to sell any THC Product without first having obtained a license to do so from the City. This licensing requirement does not apply to the sale of any non-intoxicating cannabidiol not containing tetrahydrocannabinol or to any product dispensed by a registered medical cannabis manufacturer pursuant to Minnesota Statutes, sections 152.22 to 152.37.

(b). **Application.** An application for a license to sell Licensed Products shall be made on a form provided by the City and filed, along with all required fees, including the background investigation fee, with the City Clerk. The application shall contain the full name of the applicant, the applicant's residential and business addresses and telephone numbers, the name of the business for which the license is sought, and any additional information the City deems necessary. If the City Clerk determines that an application is incomplete, they shall return the application to the applicant with notice of the information necessary to make the application complete. Upon receipt of a completed application, the City Clerk shall forward the application to the Police Department for a background investigation. Once the background investigation is complete, the application will be added to a council meeting agenda for consideration by the City Council.

A business applicant, at the time of application, shall furnish the City with a list of all persons that have an interest of five percent or more in the business. The list shall name all owners and show the interest held by each, either individually or beneficially for others. It is the duty of each business licensee to notify the City Clerk in writing of any change in ownership in the business.

Any time an additional investigation is required because of a change in ownership or control of a business, the licensee shall pay an additional investigation fee per the City's fee schedule. The City may at any reasonable time examine the transfer records and minute books of any business licensee to verify and identify the owners, and the City may examine the business records of any other licensee to the extent necessary to disclose the interest which persons other than the licensee have in the licensed business.

(c). **Action.** The City Council may either approve or deny the application for a license, or it may delay action for a reasonable period of time as necessary to complete any

investigation of the application or the applicant it deems necessary. If the City Council approves the license, the City Clerk shall issue the license to the applicant. If the City Council denies the license, notice of the denial shall be given to the applicant. The decision of the Council is final, subject to judicial appeal. If a license application is denied, the earliest an applicant may reapply is 12 months from the date the license is denied.

(d). **Term.** All licenses issued under this chapter shall expire on June 1st of each calendar year. The renewal of a license issued under this chapter shall be handled in the same manner as the original application. The request for a renewal shall be made at least 30 days but no more than 60 days before the expiration of the current license. Any existing business selling THC Products within the City as of the effective date of this Chapter shall have until March 1, 2023 to obtain a THC Products License from the City.

(e). **Revocation or Suspension.** Any license issued under this chapter may be revoked or suspended as provided in this Chapter and Section 3-2-10 of the City Code. The Council may revoke any license upon its determination that a change of ownership of a licensee has actually resulted in the change of control of the licensed business so as materially to affect the integrity and character of its management and its operation, but no such action shall be taken until after a hearing by the Council on notice to the licensee.

(f). **Transfers.** All licenses issued under this chapter shall be valid only on the premises for which the license was issued and only for the person or business to whom the license was issued and are non-transferable. Any change in the ownership or control of the business shall require the new owner(s) to obtain a new license prior to the change in ownership taking effect.

(g). **Display.** All licenses shall be posted and displayed in plain view of the general public on the licensed premises.

(h). **Issuance as Privilege and Not a Right.** The issuance of a license issued under this chapter is a privilege and does not entitle the license holder to automatic renewal of the license.

4-16-4: Fees.

No license shall be issued under this chapter until the appropriate fees are paid in full. The fee for a license under this chapter shall be established by the City Council and adopted in the City fee schedule, and may be amended from time to time.

4-16-5: Ineligibility for License; Other Grounds for Denial of License.

(a). *Ineligibility.*

(1). *Moveable Place of Business.* No license shall be issued to a moveable place of business. Only fixed location businesses shall be eligible to be licensed under this chapter.

(2). *Home Business*. No license shall be issued to a home business.

(3). *Exclusive Liquor Store*. No license shall be issued to an exclusive liquor store as defined in Minnesota Statutes, section 340A.101, subd. 10.

(4). *Businesses located within 500 feet of youth-oriented uses*. Except for those businesses selling Licensed Products on or before August 19, 2022, no license shall be issued to any business whose principal building is located within 500 feet of any school building, park, or state-licensed child care center.

(b). *Grounds for Denial*. Grounds for denying the issuance or renewal of a license under this chapter include, but are not limited to, the following:

(1). The applicant is under the age of 21 years.

(2). The applicant is prohibited by Federal, State, or other local law, ordinance, or other regulation from holding a license.

(3). The applicant has been convicted within the past five years for any violation of a Federal, State, or local law, other ordinance, provision, or other regulation relating to the Licensed Products.

(4). Conviction for, or was charged with but convicted of a lesser charge of a crime, or is under a stay of adjudication from a charge involving a violation of any cannabinoid and/or tobacco related regulation in any jurisdiction, theft, felony drug offense, any crime of violence as defined by Minnesota Statutes, or any other similar crime or offense within five years of the date of application.

(5). The applicant was charged with a crime that if convicted would render them ineligible for a license under this chapter but entered into a plea agreement providing for the continuance of the charge for dismissal or other delayed disposition. In such case, the applicant shall be disqualified and ineligible for a license until such time as the charge is finally dismissed.

(6). The applicant has had a license to sell Licensed Products suspended, revoked, or denied during the 12 months preceding the date of application, or the applicant has or had an interest in another premises authorized to sell Licensed Products, whether in the City or in another jurisdiction, that has had a license to sell Licensed Products suspended or revoked during the same time period, provided the applicant had an interest in the premises at the time of the revocation or suspension, or at the time of the violation that led to the revocation or suspension.

(7). The applicant is a business that does not have an operating officer or manager who is eligible pursuant to the provisions of this chapter.

(8). The applicant is the spouse of a person ineligible for a license pursuant to the provision of Subsections (b)(2) and (3) of this section or who, in the judgement of the Council, is not the real party in interest or beneficial owner of the business to be operated, under the license.

(9). The applicant fails to provide any information required on the application, or provides false or misleading information. Any false statement on an application, or any willful omission of any information called for on such application form, shall cause an automatic refusal of license, or if already issued, shall render any license issued pursuant thereto void

and of no effect to protect the applicant from prosecution for violation of this chapter, or any part thereof.

(10). The proposed location does not comply with all city zoning and code requirements for the business or any applicable state statutes.

(11). Any of the grounds in Section 3-2-10 of the City Code exist.

(c). The City shall conduct a background investigation on all new applicants. The City may conduct a background investigation on an applicant for a renewal of a license if it is in the public interest to do so. If a license is mistakenly issued or renewed to a person, it shall be revoked upon the discovery that the person was ineligible for the license under this chapter.

(d). No license shall be granted or renewed for operation on any premises on which real estate taxes, assessments, or other financial claims of the City or of the State are due, delinquent, or unpaid. If an action has been commenced pursuant to the provisions of Minnesota Statutes, section 278, questioning the amount or validity of taxes, the Council may, on application by the licensee, waive strict compliance with this provision; no waiver may be granted, however, for taxes, or any portion thereof, which remain unpaid for a period exceeding one year after becoming due unless such one-year period is extended through no fault of the licensee.

4-16-6: Prohibited Acts.

(a). *In general.* No person shall sell or offer to sell any Licensed Product:

(1). By means of any type of vending machine.

(2). By means of self-service merchandising or self-checkout.

(3). By means of a mobile business.

(4). By delivery sale.

(5). By an employee under the age of 18

(6). To an obviously intoxicated person.

(7). By any other means, to any other person, or in any other manner or form prohibited by state or other local law, ordinance provision, or other regulation.

(8). Containing controlled substances as defined in Minnesota Statutes, Chapter 152.

(9). In any manner that is not in compliance with applicable state statutes, including the provisions of Minnesota Statutes, section 151.72.

(b). *Legal Age.* No person shall sell any Licensed Product to any person under the age of 21.

(1). *Age verification.* Licensees shall verify by means of government issued photographic identification that the purchaser is at least 21 years of age.

(2). *Signage.* Notice of the legal sales age and age verification requirement must be posted prominently and in plain view at all times at each location where Licensed Products are offered for sale. The required signage must be posted in a manner that is clearly visible to anyone who is or is considering making a purchase.

- (c). *Samples Prohibited.* No person shall distribute samples of any Licensed Product free of charge or at a nominal cost.
- (d). *Self-Checkout Prohibited.* No sales of THC Products may be completed through self-checkout.
- (e). *Storage and Display.* All Licensed Products shall either be stored behind a counter or other area not freely accessible to customers, or in a case or other storage unit not left open and accessible to the general public.
- (f). *Training.* All employees or other individuals must complete underage sales prevention training prior to making any sales of Licensed Products. Training programs must be acceptable to the Inver Grove Heights Police Department and included in the list of acceptable training programs maintained by the City Clerk.

4-16-8: Responsibility.

All licensees are responsible for the actions of their employees and anyone else making a sale of a Licensed Product in regard to the sale, offer to sell, and furnishing of Licensed Products on the licensed premises. The sale, offer to sell, or furnishing of any Licensed Product by an employee or other person making a sale in a licensed premises shall be considered an act of the licensee.

4-16-9: Compliance Checks and Inspections.

All premises licensed under this subdivision shall be open to inspection by the City during regular business hours. From time to time, but at least once per year, the City's police department shall conduct compliance checks.

No person used in compliance checks shall attempt to use a false identification misrepresenting their age. Persons used for the purpose of compliance checks shall be supervised by law enforcement or other designated personnel. Nothing in this chapter shall prohibit compliance checks authorized by state or federal laws for educational, research, or training purposes, or required for the enforcement of a particular State or Federal law.

Additionally, from time to time, the City may conduct inspections to determine compliance with any or all other aspects of this ordinance.

4-16-10: Violations and Penalty.

(a). *Administrative Civil Penalties-Licensee.* If a licensee or an employee of a licensee or other person is found to have violated this chapter, the licensee shall be charged an administrative penalty as follows:

(1). *First Violation.* The Council shall impose a civil fine of \$750.00 and suspend the license for not less than 1 day.

(2). *Second Violation Within Five Years of First Violation.* The Council shall impose

a civil fine of \$1,000.00 and suspend the license for not less than 3 consecutive days.

(3). *Third Violation Within Five Years of First Violation.* The Council shall impose a civil fine of \$2,000.00 and suspend the license for not less than 10 consecutive days.

(4). *Fourth Violation Within Five Years of First Violation.* The Council shall revoke the license for at least one year.

(5). If one of the foregoing penalties is imposed by an action of the Council, no penalty shall take effect until the licensee or person has received notice (served personally or by mail) of the alleged violation and of the opportunity for a hearing before the Council pursuant to Section 3-2-10.

(b). *Separate Violations.* Each violation of this chapter will be considered a separate violation subject to the penalties listed above.

(c). *Misdemeanor Violation.* Any violation of this Chapter is a misdemeanor.

Section Two. Effective Date. This Ordinance shall be in full force and effect upon its passage and publication as provided by law.

Passed in regular session of the City Council on the _____ day of _____, 2023.

CITY OF INVER GROVE HEIGHTS

By: _____
Brenda Dietrich, Mayor

ATTEST:

Rebecca Kiernan, City Clerk

Request for Council Action

SUBJECT: **Resolution Authorizing Advertisement of a Request for Proposals for Professional Engineering Services Pool**

MEETING DATE: January 9, 2023

ITEM TYPE: Regular Business

CONTACT: Paul Merchlewicz, City Engineer, 651.450.2572

ACTION REQUESTED

The Council is asked to authorize the issuance of the attached Request for Proposals (RFP) for the updating of the City's Professional Engineering Service Pool.

BACKGROUND

In 2011, the City implemented a technical services pool comprised of consultants from a number of specialized service areas to be renewed every four years. In 2015, the City implemented a technical services pool specifically for addressing storm water complexities in the Northwest Area, with no associated renewal timeframe. The intent of the 2023 Professional Services Pool is to supersede all prior pools and implement a recurring five-year renewal period to ensure coverage of city needs, cost competitiveness, service quality, and responsiveness to public and city priorities.

Major service area groups include:

- Municipal Engineering
- Transportation Engineering
- Parks and Recreation
- Surface Water and Natural Resources

Technical Specialty Areas include:

- Geotechnical Services
- Municipal Utilities
- Land Surveying
- Structural
- Architectural Services
- Communications
- Public Works/GIS
- Electrical/Mechanical
- Relocation/Benefit Analysis

The attached RFP with Master Services Agreement is provided in "draft" format for reference purposes only. City staff and the City Attorney are still refining the language of the proposed Master

Services Agreement, which is the contract that the successful RFP respondents would enter into. This work will be finalized prior to the public posting and distribution of the RFP.

FISCAL IMPACT

The establishment of the Professional Engineering Services Pool has no immediate fiscal impact. However, when specific work is assigned to a firm within the pool, funding for that work comes from the associated project budgets or development escrows.

RECOMMENDATION

Staff recommends that Council authorize advertisement of the 2023 Professional Engineering Services Pool RFP.

ATTACHMENTS

1. Resolution - Authorize Advertisement of Professional Engineering Services
2. Request for Proposal - Engineering Services (DRAFT)

CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA

RESOLUTION NO. _____

**RESOLUTION AUTHORIZING ADVERTISEMENT OF REQUEST FOR PROPOSALS FOR
PROFESSIONAL ENGINEERING SERVICES POOL**

WHEREAS, The City of Inver Grove Heights recognizes the need to sustain an external pool of professional consultants to assist the City with the delivery of its projects, programs, and services; and

WHEREAS, the Engineering Division has prepared a Request for Proposals (RFP) to solicit services from professional consultants to provide support in both general and technical service areas.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF INVER GROVE HEIGHTS,
MINNESOTA THAT:**

1. Authorization is granted for the advertisement and taking of proposals for the Professional Engineering Services Pool RFP.

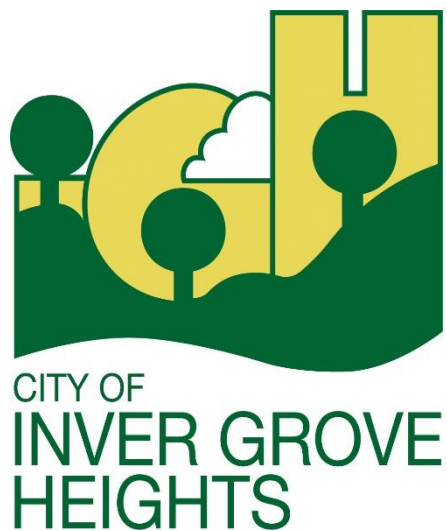
Adopted by the City Council of the City of Inver Grove Heights this 9th day of January 2023.

Brenda Dietrich, Mayor

ATTEST:

Rebecca Kiernan, City Clerk

REQUEST FOR PROPOSALS TO PROVIDE PROFESSIONAL ENGINEERING SERVICES



CITY OF INVER GROVE HEIGHTS
January 2023

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INTRODUCTION

The City of Inver Grove Heights is issuing this Request for Proposals (RFP) to identify consulting firms to provide specific technical consulting services to support City staff. The City will complete the selection and retention of Consultants for professional engineering and will be effective for a period of five years.

The City has identified multiple service areas where the need may arise for use of outside consultants. Firms may express interest and be eligible in any of the service areas for which they are qualified. The City may exclude firms from all or specific service areas depending on comparative scores with other firms if the City determines that there is sufficient coverage for specific services.

Selection and future work assignments will take into consideration the workload, expertise, costs and past performance of proposing consulting firms and their representatives.

STATEMENT INSTRUCTIONS/SCHEDULE

Direct all responses, questions, and correspondence to:

Paul Merchlewicz, City Engineer
City of Inver Grove Heights
8150 Barbara, MN 55337
651.450.2572
pmerchlewicz@ighmn.gov

Submit all questions in writing via e-mail by 1:00 p.m. on February 3, 2023. The City will forward all responses to questions to all firms. Contact with any other City Staff pertaining to this RFP may result in rejection of the consultant's submittal.

The City will accept RFP's on or before 4:30 p.m., February 10, 2023. Submit RFPs via email or at the Inver Grove Heights front desk in digital format. The City will not accept paper or printed copies of proposals.

RFP Review Process Schedule:

Request for RFP Advertised	January 13, 2023
Deadline for submittal of RFP Questions	January 27, 2023
RFP's Submittal Due Date	February 10, 2023
City review of RFP's and interviews as necessary	February/March 2023
Contract negotiation completed.....	March/April 2023
Contract consideration by City Council	April 2023

The City of Inver Grove Heights Professional Engineering Services pool will be effective for a period of five years beginning in April 2023 and ending April 2028.

The City reserves the right to modify this schedule at the City's discretion. The City will post notification of changes in the response due date on the City Web site or as otherwise stated herein.

REQUEST FOR PROPOSAL CONTENT

The RFP may be no longer than eight pages excluding Cover Letter/Title Page, Table of Contents, resumes, and references.

- A. **Cover Letter/Title Page:** Include an explanation of the RFP, the name of the firm, local address, telephone and fax number, name of the contact person, their e-mail address, and the date.
- B. **Table of Contents:** Include identification of the material by section and page number.
- C. **Consultant Profile:** Include the technical service area(s) the firm can provide and identify the basis of the firm's interest for each of the technical service areas for consideration.

Include qualifications of the firm as it relates to each of the technical service area(s) including descriptions of completed projects specifically related to that technical service area.

- D. **Resumes:** Include the name(s), experience, and qualifications of person(s) that will be primarily responsible for the management and administration of a contract with the City whether specific technical work tasks or overall projects.

Provide qualifications and resumes of the primary professional support staff identified to participate on various City projects or technical work tasks with their anticipated long-term availability.

- E. **References:** Include a list of municipal client references where related technical services provided by the staff identified above and the name and telephone number of a contact person at that municipality.

Include a list of current municipal clients identifying projects in progress, specific activities, and the name of a contact person at the municipality.

Include a list of previous or current professional services provided to the City of Inver Grove Heights and client representatives.

Include a list of private clients (if any) for whom work has been or is currently underway within the City of Inver Grove Heights, including the type of project, specific activities performed, and the name of a contact person at the client.

- F. **Fees:** Include a fee schedule for 2023 including hourly rates, specialty rates, multipliers, percentages, etc., for the various classifications of personnel proposed to provide professional services under a contract with the City. Identify any reimbursable costs. Identify and list excluded services separately from these hourly rates (i.e., mileage, etc.). Include copies of the firm's 2022 and 2021 fee schedules as well.

Specifically state the firm's preferred method of calculating fees for each type of services provided (hourly, hourly not exceed, lump sum, etc.).

- G. **Format:** Submit all information electronically to pmerchlewicz@ighmn.gov by the date specified in the RFP Review Process Schedule above.

CONSULTANT SERVICE AREAS

Municipal Engineering

- | | |
|---|--|
| <ul style="list-style-type: none"> • Feasibility Reports • Plans and Specifications • Project Management • Construction Administration • Construction Inspection • Construction Staking • Construction Cost Estimates • Special Assessments | <ul style="list-style-type: none"> • Comprehensive System Plans • MSA Administration on Relevant Projects • Private Utility Coordination • Bidding Services • Record Drawing Preparation • Private Development Plan Review |
|---|--|

Transportation Engineering

- | | |
|---|--|
| <ul style="list-style-type: none"> • Traffic Impact Studies/Mitigation Analysis • Traffic Forecasting • Intersection Control Evaluations/Signal Justification Reports • Intersection Layout and Geometrics • Comprehensive Transportation Planning | <ul style="list-style-type: none"> • Temporary and Permanent Traffic Control • Street Lighting Analysis and Design • Circulation/Site Plan Layout and Analysis • Site Plan Layout and Analysis • Preliminary Layouts • Traffic Signal System Design • MSAS Traffic Counts |
|---|--|

Parks and Recreation

- | | |
|--|--|
| <ul style="list-style-type: none"> • Parks, trail, and recreation facility development, improvement, and renovation projects, including: <ul style="list-style-type: none"> ○ Feasibility Reports ○ Plans and Specifications ○ Project Management | <ul style="list-style-type: none"> ○ Construction Administration ○ Construction Inspection ○ Construction Surveying ○ Cost Estimates • Comprehensive system plans (including park systems, park trails, etc.) |
|--|--|

Surface Water and Natural Resources

- | | |
|---|---|
| <ul style="list-style-type: none"> • Wetland Delineation and Mitigation Analysis • Wetlands Assessment • Water Quality Analysis, Design and Construction Management of Water Quality Improvement Projects • Hydraulic and Hydrologic Analysis • NPDES Permitting (Stormwater and MS4) • Comprehensive System Plans (e.g., Park system, Trails, Storm Water, Wetlands, Wildlife Management, Urban Forest) • Pond and Wetland Monitoring • Lake Restoration | <ul style="list-style-type: none"> • Aquatic Plant Surveys & Management Plans • Floodplain Management • Localized Flooding Analysis • Non-Degradation & Total Maximum Daily Load (TMDL) review • Erosion control • Best Management Practices/ Low Impact Development Techniques |
|---|---|

Technical Specialty Consulting Services

Geotechnical Services

- Pavement Coring, Soils Exploration, Recommendations and Reports
- R-value Determinations
- Materials Testing
- Density and Compaction Testing
- Construction density and material testing
- Pavement structural analysis/testing

Municipal Utilities

- Water System Modeling
- Analysis of Water Supply Sources and Costs
- Comprehensive Water System Planning
- Potable Water Storage Design
- Wells
- Pump Houses
- PRV Design
- Groundwater Modeling
- Well Field Management, Source Water Protection and Well Head Protection
- Ground & Surface Water Treatment Plant Operation
- SCADA, Telemetry, etc.
- Lift Station Analysis & Design
- Comprehensive Sewer System Planning
- Water Treatment Plant Facilities Studies
- Water Treatment/Distribution System Operational Studies
- Water Treatment Plant Design
- Water Distribution System Hydraulic Modeling
- Source Water Supply Engineering
- Well field studies
- Monitoring wells
- Well design, permitting, construction and pump tests
- Groundwater Modeling
- Water Storage Facility Design
- Pumping/Lift Station Design and Rehabilitation
- Sanitary Sewer System/Combined sewer system modeling
- Sanitary Sewer System Engineering
 - I/I Evaluation
- Rate Cost of Service Studies, Rate analysis and design
- Water Storage Tank/Tower Inspections
- Water Storage Tank/Tower Maintenance Project Design/Delivery/Coating Inspections
- Cellular Operator management services and inspections

Land Surveying

- Topographic Surveys
- Subdivisions/Plats
- Certificates of Survey
- Easement Descriptions
- Lot Corner Monumentation
- Property Records Investigations
- Construction Staking

Structural

- Buildings
- Retaining Walls
- Bridges
- Cell/Communications Towers
- Parking Structures
- Structures Maintenance
- Water Reservoirs

Architectural Services Supporting Public Works & Parks Facilities

- Park Shelter Buildings
- Utility Operation Structures (including well houses, reservoirs, etc.)
- Municipal Buildings (including expansions, remodeling, etc.)
- Landscape Architecture

Communications

- | | |
|--|--|
| • Antenna | • Alarms |
| • Fiber Optics - Design & Management/Relocations | • SCADA |
| • RF Analysis | • Cell/Communications Tower Plan & Leasing Review, Construction Management, and Record Drawing Documentation |
| • Radio | |
| • Telemetry | |

Public Works/GIS

- | | |
|--------------------------------------|---------------------------------|
| • Asset Management Systems | • Data development and creation |
| • Application Development/Coding | • Project management |
| • GIS Systems design and maintenance | • GIS training services |

Electrical/Mechanical

- | | |
|--------------------------------------|-------------------------------------|
| • Streetlights | • System rehab (MCCs, wiring, etc.) |
| • Energy management | • SCADA |
| • Pump efficiency and rehabilitation | |

Relocation/Benefit Analysis

- Appraisals - Real Estate
- Relocation Services
- Land Rights Assistance

STATEMENT OF QUALIFICATION EVALUATION AND FIRM SELECTION

- A. **Qualification Based Selection (QBS):** The City intends to select those firms evaluated to be best qualified to perform the work for the City. The City will base qualifications on experience, cost, compatibility, and other applicable performance factors.

The City intends to establish a pool of qualified professional service providers that provides a broad base of experience and expertise that the City can utilize as needed.
- B. **Review and Recommendation Process:** Based upon review of the submitted RFP's, City staff may choose to interview firms for further Professional Engineering Service consideration. City Staff will prepare a recommendation on the retaining of firms for consideration and approval by the City Council.
- C. **Financial Liability Limitations:** The City is not liable for any expenses incurred by the applicant including, but not limited to, expenses associated with the preparation of the statement, attendance at interviews, preparation of a cost statement or any future contract negotiations.
- D. **Right of Review:** The City reserves the right based on the qualification criteria to reject any or all RFP's or to request additional information from any or all applicants.
- E. **Qualification Evaluation Criteria:** The City will evaluate whether to include a professional services consultant in the pool in one or more technical service areas based on a range of factors. Among these factors are the following:
 - 1. An evaluation of the consultant's technical qualifications.
 - 2. Work experience and reputation.
 - 3. Available personnel.
 - 4. Recommendations of past and existing clients.
 - 5. Previous experience with the City of Inver Grove Heights.
 - 6. Actual or potential conflict of interest with other private or public clients and the City of Inver Grove Heights, including other governmental agencies, doing business with the City.
 - 7. The ability of the firm to directly provide the necessary services without use of sub-consultants.
 - 8. History of questionable consulting actions or poor consultant contract performance.
 - 9. Willingness to enter into the City's Master Professional Services Agreement.
 - 10. Hourly fees and other expenses.

CONSULTANT SERVICES PERFORMANCE REVIEW

The City will evaluate the performance of each professional consultant annually with reference to standards and procedures developed by the City Engineer. Whenever feasible, the Project Manager most associated with the consultant's work will conduct evaluations within the first months following the close of the calendar year. The City will retain evaluation information for future reference and shall be available for public inspection. The City will provide the Consultant with copies of the evaluation information and be provide an opportunity to comment or correct any errors or omissions. An automatic renewal of the agreement between the City and Consultant will occur annually for the duration of this provided that the annual

performance evaluation is satisfactory, the terms and conditions are similar, and the City Engineer assents to a continuation of the contract.

The Consultant may update its fee schedule annually by providing the City with a revised fee schedule on an annual basis, in accordance with the City's Master Professional Services Agreement, Article 5.

CONTRACT EXECUTION

A. Negotiations and Contract Execution

The City will initiate negotiation of a service contract with the top ranked firm(s). If the City and firm(s) cannot agree on satisfactory terms, the City will terminate negotiations and initiate them with the next highest ranked consultant. These efforts will continue in descending order until the City reaches satisfactory agreement(s) with consultant(s).

The City will conduct contract negotiations regarding a definite scope of work and time for performance. The negotiations will include estimates of attendant staffing, material, and services.

The City will use established fee schedules or curves for comparative purposes only. All contracts will use a standard format, to the extent possible. This includes the use of uniform terms and conditions and renewal clause.

Appendix A of this RFP includes a copy of the City's Master Professional Services Agreement. The City recommends, if a consultant does not feel this agreement is acceptable, do not submit to this request. City Council will authorize contract awards when required by law, and upon recommendations of the City Manager.

A. Contracting Ethics

1. No elected official or employee of the City who exercises any responsibilities in the review, approval or implementation of the proposal or contract shall participate in any decision, which affects his or her direct or indirect personal fiscal interests.
2. It is a breach of ethical standards for any person to offer, give, or agree to give any City employee or Council person, or for any City employee or Council person to solicit, demand, accept, or agree to accept from another person or firm, a gratuity or an offer of employment whenever a reasonable prudent person would conclude that such consideration was motivated by an individual, group or corporate desire to obtain special, preferential, or more favorable treatment than is normally accorded to the general public.
3. The firm shall not assign any interest in a City contract and shall not transfer any interest in the same without the prior written consent of the City.
4. To remove any potential or actual conflict of interest, a consultant representing any private party client submitting a project or activity to the City shall disclose same to City and shall not represent or review the project or activity on behalf of the City.
5. Any firm providing professional services to the City shall not accept any private client or project which, by its nature, places it in ethical conflict during its representation of the City of Inver Grove Heights.
6. The City requires affirmative action and, therefore, the firm selected shall not discriminate under the contract against any person in accordance with federal, state,

and local regulations as more fully set forth in the City's Standardized Professional Services Agreement.

CITY INFORMATION

The City of Inver Grove Heights is a Plan A Statutory City, which is a Council/City Administrator form of government. Additional information on the City and Capital Improvement Program can be located on the City's website: <https://www.ighmn.gov>.

MASTER AGREEMENT FOR PROFESSIONAL SERVICES

The City's Master Professional Services Agreement is shown in Appendix A. If a consultant does not feel it can enter into the terms of this agreement, it is advisable to not submit qualifications.

APPENDIX A: STANDARD AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES

CITY OF INVER GROVE HEIGHTS
MASTER PROFESSIONAL SERVICES AGREEMENT

This **MASTER PROFESSIONAL SERVICES AGREEMENT** (Agreement) is entered into this ____ day of _____, 20__, by and between the City of Inver Grove Heights, a Minnesota municipal corporation, (City) and _____, a _____ (Consultant).

WHEREAS, the City has solicited proposals from qualified consulting firms interested in providing professional services to the City related to engineering, transportation engineering, surface water and natural resources, geotechnical services, municipal utilities, land surveying, structural, architectural services, and other similar professional services (the “Services”); and

WHEREAS, Consultant has provided a Proposal to the City which the City finds acceptable, and the City hereby wishes to secure Services from the Consultant, subject to the terms and conditions of this Agreement on an as-needed basis; and

WHEREAS, Consultant desires to perform the Services for the City as requested under the terms and conditions set forth in this Agreement.

NOW THEREFORE, in consideration of the mutual consideration contained herein, it is hereby agreed by City and Consultant as follows:

1. Term of Agreement. This Agreement shall be in effect from the date of execution by all parties and shall continue for a term of five (5) years.

2. Scope of Services. Consultant shall provide professional Services to the City based upon the written request of the City. City hereby agrees to engage Consultant as an Independent Contractor for the purposes of performing all of the Services detailed in a Written Authorization to Proceed signed by an authorized City representative subject to the terms and condition

3. Time is of the Essence. Consultant will meet all milestones indicated on the Scope of Services.

4. Contract Documents. The following documents shall be referred to as the “Contract Documents,” all of which shall be taken together as a whole, as the contract between the City and Consultant:

- A. This Professional Services Agreement
- B. The Request for Proposals to Provide Professional Engineering Services, dated January, 2023 (attached as part of **Exhibit A**)
- C. Consultant’s Proposal to Provide Professional Services (attached as part of **Exhibit A**)
- D. Written Authorization to Proceed for any Services contracted during the term of this Agreement

In the event of a conflict among the provisions of the Contract Documents, the terms of the Written Authorization to Proceed followed by the terms of this Professional Services Agreement shall control in resolving any such conflict within the Contract Documents.

5. **Compensation.** The City shall pay the Consultant and the Consultant shall accept as payment for performance of the Services described in the Written Authorization to Proceed the fee(s) as described on **Exhibit B**. The total contract amount listed on **Exhibit B** is inclusive of reimbursables, taxes, and all other charges (the “Fee”). This Fee shall not be adjusted if the estimated hours to perform a task, the number of required meetings, or any other estimate or assumption is exceeded. Consultant shall submit itemized bills for the Services provided to the City on a monthly basis. Prior to payment, Consultant will submit evidence that all payrolls, materials bills, subcontractors, and other indebtedness connected with the Services have been paid as may be required by the City. Bills submitted to the City shall be paid in the same manner as other claims made to the City. The Fees for Professional Services shall be as specified in the attached **Exhibit B**, or as specified in the Written Authorization to Proceed. The Consultant may update its fee schedule annually by proving the City with its revised fee schedule.

6. **Ownership.** All reports, drawings, specifications, professional documents, plans, models, software, diagrams, analyses, and information generated in connection with performance of this Agreement shall be the property of the City. The City may use the information for its purposes. The City shall be the copyright owner.

7. **Change Orders.** Any changes to the Written Authorization to Proceed shall require prior written approval by the authorized representative of the City or by the City Council. The City will not pay additional compensation for Services that do not have prior written authorization.

8. **Compliance with Laws and Regulations.** In providing Services hereunder, Consultant shall abide by all laws, regulations, statutes, ordinances, and rules pertaining to the provisions of the Services to be provided to the City.

9. **Standard of Care.** Consultant represents and warrants that it has the requisite training, skills, and experience necessary to provide the Services, and is appropriately licensed and has obtained all permits from all applicable agencies and governmental entities. Consultant shall exercise the same degree of care, skill, and diligence in the performance of the Services as is ordinarily possessed and exercised by a professional consultant under similar circumstances. Consultant agrees to comply with all applicable federal, state, and local laws and regulations governing the Services to be provided under this Agreement.

10. **Indemnification.** Consultant shall defend, indemnify and hold harmless the City, its officers, agents, and employees, of and from any and all liabilities, claims, demands, actions, damages, costs, judgements, lawsuits, causes of action, and expenses, including costs and attorney’s fees, arising out of or by reason of the execution or performance of the Services provided for herein and further agrees to defend at its sole cost and expense any action or proceeding commenced for the purpose of asserting any claim of whatsoever character arising hereunder.

11. Insurance. Unless more specific insurance provisions are listed in the Written Authorization to Proceed, the following will apply. At all times during its performance under this Agreement, Consultant will obtain and keep in force the following types of insurance in the following amounts:

- i. Commercial General Liability. Consultant will obtain and keep Commercial General Liability insurance including coverage for bodily injury and property damage with limits not less than \$1,000,000 each occurrence and \$2,000,000 annual aggregate.
- ii. Automobile Liability. Consultant will obtain and keep Automobile Liability insurance with a minimum limit of not less than \$1,000,000 per occurrence, Combined Single Limit for Bodily Injury and Property Damage, including coverage for owned, hired or non-owned vehicles, as applicable.
- iii. Professional Liability/Errors & Omissions. Consultant will obtain and keep Professional Liability/Errors & Omissions insurance with a limit of not less than \$1,000,000 per claim/occurrence and \$2,000,000 annual aggregate for damages caused by error, omission or negligent acts related to any professional services to be provided under this Agreement. If written on a claims-made basis, the professional liability insurance will be maintained for a period of not less than two (2) years following the expiration or termination of this Agreement.
- iv. Workers' Compensation/Employers Liability. Consultant will obtain and keep Workers' Compensation insurance as required by statute and Employers Liability insurance with limits not less than \$1,000,000 each accident, \$1,000,000 disease – each employee, \$1,000,000 disease – policy limit.

These insurance policies are to be issued by an insurance company authorized to do business in the State of Minnesota with an A.M. Best rating of A- or better. City shall be included as an additional insured for General Liability and Automobile Liability. Limit requirements may be met through combination of Primary and Umbrella/Excess insurance. All such policies will provide for thirty (30) days' written notice to the City prior to cancellation or non-renewal. Consultant's insurance must be primary and non-contributory with regard to any insurance or self-insurance maintained by the City. Consultant and its insurers waive all rights of subrogation against the City. A Certificate of Insurance evidencing the requirements contained in this clause must be provided prior to the commencement of the Services, and annual thereafter as dictated by the terms of the Certificate of Insurance.

12. Independent Contractor. The City hereby retains Consultant as an Independent Contractor upon the terms and conditions set forth in this Agreement. Consultant is not an employee of the City and is free to contract with other entities as provided herein. Consultant shall be responsible for selecting the means and methods of performing the work outlined in the Written Authorization to Proceed. Consultant shall furnish any and all supplies, equipment, and incidentals necessary for Consultant's performance under this Agreement. Consultant shall be exclusively responsible under this Agreement for Consultant's own FICA payments, Workers Compensation

payments, unemployment compensation payments, withholding amounts, and/or self-employment taxes if any such payments, amounts, or taxes are required to be paid by law or regulation.

13. Subcontractors. Consultant shall not enter into any subcontracts for Services provided under this Agreement without the express written consent of the City. Consultant shall comply with the provisions of Minnesota Statutes § 471.425. Consultant must pay subcontractor for all undisputed services provided by subcontractor within ten (10) days of Consultant's receipt of payment from the City. Consultant must pay interest of 1.5% (one and one-half percent) per month or any part of a month to subcontractor on any undisputed amount not paid on time to subcontractor. The minimum monthly interest penalty payment for an unpaid balance of \$100 or more is \$10.

14. Minnesota Government Data Practices Act. Pursuant to Minnesota Statutes, § 13.05, subd. 11, all of the data created, collected, received, stored, used, maintained, or disseminated by Consultant in performing the functions of the City while performing the Services are subject to the requirements of the Minnesota Government Data Practices Act, Minnesota Statutes Chapter 13, and Consultant must comply with the Minnesota Government Data Practices Act as it applies to (1) all data provided by the City pursuant to this Agreement, and (2) all data created, collected, received, stored, used, maintained, or disseminated by Consultant pursuant to this Agreement. Consultant is subject to all the provisions of the Minnesota Government Data Practices Act, including but not limited to the civil remedies of Minnesota Statutes, Section 13.08, as if it were a government entity. In the event Consultant receives a request to release data, Consultant must immediately notify City. City will give Consultant instructions concerning the release of the data to the requesting party before the data is released. Consultant agrees to defend, indemnify, and hold City, its officials, officers, agents, employees, and volunteers harmless from any claims resulting from Consultant's officers', agents', partners', employees', assignees', or subcontractors' unlawful disclosure and or use of protected data. The terms of this paragraph shall survive the cancellation or termination of this Agreement.

15. Copyright. Consultant shall defend actions or claims charging copyright infringement of any copyright or software license by reason of the use or adoption of any software, designs, drawings, or specifications supplied by Consultant, and shall hold harmless the City from loss or damage resulting therefrom.

16. Patented Devices, Materials, and Processes. If the Agreement requires, or the Consultant desires, the use of any design, device, material or process covered by letters, patent or copyright, trademark or trade name, the Consultant shall provide for such use by suitable legal agreement with the patentee or owner, and a copy of said agreement shall be filed with the City. If no such agreement is made or filed as noted, the Consultant shall indemnify and hold harmless the City from any and all claims for infringement by reason of the use of any such patented design, device, material, or process, or any trademark or trade name or copyright in connection with the services agreed to be performed under the Contract, and shall indemnify and defend the City for any costs, liability, expenses, and attorneys' fees that result from any such infringement.

17. Equal Opportunity and Non-Discrimination. Consultant agrees to comply with applicable provisions of all applicable federal, state, and city laws, regulations, statutes, and ordinances pertaining to the civil rights and non-discrimination in the application for and employment of applicants for employment, employees, subcontractors and suppliers of the Consultant.

18. Assignment. Neither party shall assign this Agreement, or any interest arising herein, without the written consent of the other party.

19. Waiver. Any waiver by either City or Consultant of any breach of this Agreement shall be in writing. No waiver by a party of any default or nonperformance will be deemed a waiver of any subsequent default or nonperformance.

20. Notices. Any notice required under this agreement shall be sent to the parties as follows:

City: City of Inver Grove Heights
Attention: City Engineer
8150 Barbara Avenue
Inver Grove Heights, MN 55077

Consultant: _____

21. Termination. This Agreement may be terminated by either party upon thirty (30) days written notice delivered to the other party at the address listed in Section 20 of this Agreement. Upon Termination, if there is no default by Consultant, Consultant shall be paid for Services rendered and reimbursable expenses until the effective date of Termination. This Agreement may be terminated by either party upon written notice in the event of substantial failure by the other party to perform in accordance with the terms of this Agreement. The non-performing party shall have fifteen (15) calendar days from the date of Termination notice to cure or to submit a plan for cure that is acceptable to the other part.

22. Controlling Law/Venue. This Agreement shall be governed by and construed in accordance with the laws of the State of Minnesota. In the event of litigation, the exclusive venue shall be in the District Court of the State of Minnesota for Dakota County.

23. Entire Agreement. The entire agreement of the parties is contained herein. This Agreement supersedes all oral agreements and negotiations between the parties relating to the subject matter hereof, as well as any previous agreements presently in effect between the parties relating to the subject matter hereof. Any alterations, amendments, deletions, or waivers of the provisions of this Agreement shall be valid only when expressed in writing and duly signed by the parties, unless otherwise provided herein.

**[THE REMAINDER OF THIS PAGE HAS BEEN INTENTIONALLY LEFT BLANK
SIGNATURES TO FOLLOW]**

SAMPLE

In witness whereof, Consultant and City and caused this Agreement to be executed on their behalf by the proper officers.

Date: _____, 20__

CITY OF INVER GROVE HEIGHTS

BY: _____

Brenda Dietrich, Mayor

ATTEST: _____

Rebecca Kiernan, City Clerk

CONSULTANT

Dated: _____, 20__

By: _____

Its: _____

EXHIBIT A
REQUEST FOR PROPOSAL AND
CONSULTANT STATEMENT OF QUALIFICATIONS (PROPOSAL)

SAMPLE

EXHIBIT B
SCHEDULE OF PAYMENT AND FEE SCHEDULE

SAMPLE

Request for Council Action

**SUBJECT: 117th Street Reconstruction (City Project No. 2016-17)
Progress Update**

MEETING DATE: January 9, 2023

ITEM TYPE: Regular Business

CONTACT: Brian Connolly, Public Works Director, 651.450.2571

ACTION REQUESTED

The Council is asked to receive an update and provide feedback on the progress of the 117th Street Reconstruction Project (City Project No. 2016-17) preliminary design effort, and anticipated next steps in the project development progress.

BACKGROUND

The objective of the 117th Street Reconstruction Project is to improve safety and mobility to better meet current and future transportation needs within the southern portion of the City. The proposed project will upgrade 117th Street to a 10-ton structural design strength standard, provide turn lanes and medians, and upgrade the two existing at-grade railroad crossings to current safety standards. Upon completion of the project, the City will turn-back ownership of the roadway to Dakota County, who will operate and maintain the roadway in the future. This will include future upgrades and connections to the County roadway network, including a planned future connection with CSAH 32 / Cliff Road, in the Pine Bend and Rich Valley areas of the City.

In February of 2021, the City and Dakota County entered into a Joint Powers Agreement to undertake the preliminary design effort for 117th Street, and lay the groundwork for the eventual final design, construction, and turnback of the road to Dakota County. In April of that year, the City and Dakota County selected SRF to complete the preliminary design effort. In March of 2022, the City Council received a staff update of the preliminary design progress, including a review of the proposed roadway layout, public utility extensions, and different funding mechanisms available to cover the City's proposed cost share for the project.

At this time, preliminary design is nearly complete and a final feasibility report has been drafted and is being reviewed by City and County staff for presentation to the Council at a meeting later this month. In order to re-familiarize the Council with the project, and note key recommendations of the design team regarding funding, schedule, and final design parameters, staff will present an update on the project to-date, and discuss the next steps in the project development process.

FISCAL IMPACT

Design and construction of this project has significant financial costs, however no approvals or actions are being requested at this time.

RECOMMENDATION

This is a progress update, and no Council action is being requested at this time.

ATTACHMENTS

None

Request for Council Action

SUBJECT: **2023 Legislative Priorities and Positions**

MEETING DATE: January 9, 2023

ITEM TYPE: Regular Business

CONTACT: Kris Wilson, City Administrator, 651.450.2511

ACTION REQUESTED

The Council is asked to discuss and adopt the City's 2023 Legislative Positions and Priorities, with or without amendments.

BACKGROUND

Each year City staff monitor the state legislative process, both directly and through various membership organizations that the City belongs to, such as the League of Minnesota Cities and the Municipal Legislative Commission. On some issues, such as bonding requests for local projects, we take a pro-active stance while for others we monitor or advocate for the status quo.

Attached for Council's review and consideration are the City's 2022 Legislative Priorities and Positions. During Monday's Council meeting, staff will seek Council comments and suggestions for any potential changes, as well as consensus on the City's request(s) for bonding money.

FISCAL IMPACT

RECOMMENDATION

ATTACHMENTS

1. 2022 Legislative Positions & Priorities



2022 Legislative Priorities & Positions

Local Control

Local government entities are closest to their constituents and most knowledgeable about their communities' needs and opportunities. Therefore, locally elected officials are in the best position to make decisions about city operations, finances, and regulations.

The City of Inver Grove Heights calls on the Minnesota Legislature to:

- A. Support local government authority for land use decisions, zoning, and regulatory controls.
- B. Support city authority to protect existing taxpayers and recover costs associated with development activity.
- C. Oppose fiscal limitations such as levy limits, fund balance restrictions, reverse referenda on the decisions of local government officials, or other limitations to the local government budget and taxation process.

State Bonding

The City of Inver Grove Heights seeks state funding support, through bonding or other available resources, for the following local projects of regional importance:

Priority: Reconstruction of 117th St.

In 2022, the City of Inver Grove Heights' highest priority request for state bonding support is for the reconstruction of 117th Street, an essential transportation corridor for utilities and industry serving the state and region. Those that rely on the roadway for their daily operations include Republic Services' Pine Bend Landfill, Xcel Energy, and Flint Hills Resources. The estimated total project cost of improving and modernizing 117th Street is \$21.3 million. In order to meet the timeline necessary to retain a sizable federal grant, the City is requesting \$4.4 million in state bonding support.

Inclusive Playground & Splash Pad at Heritage Village Park

Located just west of the Mississippi River, Heritage Village Park is a multi-year, multi-phase effort to redevelop 65 acres of once polluted and flood-prone land into an amenity for the community and the region. Previous phases have connected the park to a regional trail and added an off-leash dog area. This request for \$2 million in state bonding support would fund construction of a \$2.6 million inclusive playground and splash pad along with related walkways, landscaping, and infrastructure.

Transportation Funding

The City of Inver Grove Heights supports comprehensive, regionally balanced transportation funding that addresses the long term needs of our state, including investments that will reduce congestion, provide funding for local roads and bridges and build a transit system that matches demands in a post-pandemic world. The City calls on the State to adopt a fair and equitable distribution of federal infrastructure funding in a manner that addresses state, regional and local needs in a balanced manner. The City

also supports continued and/or renewed investment in the Transportation Economic Development (TED) and Corridors of Commerce programs.

Common Interests of the City Government Community

The City of Inver Grove Heights is an active member of the League of Minnesota Cities, Municipal Legislative Commission and Metro Cities and supports the legislative platforms of these organizations.

Additional Legislative Positions

- A. *Fiscal Disparities* - The City of Inver Grove Heights advocates for legislation that would reflect a meaningful analysis of the present-day applicability of the state's 1971 commercial industrial "tax-base sharing" law and opposes the use of fiscal disparities to fund social or physical metropolitan programs because of its complexities results in a metropolitan-wide property tax increase hidden from the public.
- B. *Support Local Control/Reduce Unfunded Mandates* - The City of Inver Grove Heights supports a) the necessary changes to the Data Practices Act to protect municipalities from abusive or harassing requests, while helping to compensate for overly broad and burdensome requests; and b) supports reducing the number of state and regional agencies that regulate municipal activities related to water quality and water supply.
- C. *State Property Taxes* - The City of Inver Grove Heights opposes the extension of state-levied property taxes to additional classes of property and/or the increase in taxation levels on the present state property tax.
- D. *Public Employees Retirement Association (PERA)* - The City of Inver Grove Heights supports sharing the cost for retirement programs between employees and cities and supports cities and fire relief associations working together to determine the best application of State Fire Aid. This also includes advocating for state funding of costs related to state-mandated changes to the provision of the retirement program, which have the effect of enhancing benefits beyond existing levels.
- E. *Local Government Aid (LGA)* - The City of Inver Grove Heights advocates for policies that more fairly address the disparities in property tax burdens as a percentage of income as documented by the Voss Data Base. The City supports continued funding of Voss Data Base and compilation of data by the Department of Revenue.
- F. *City's Role in Environmental Protection and Sustainable Development* - The City of Inver Grove Heights is committed to environmental protection and sustainability. The city supports public protection efforts to reduce greenhouse gas emissions and to further protect surface and ground water, as well as infrastructure design and techniques that are environmentally and economically beneficial and compliant.



Request for Council Action

SUBJECT: **Closed Session to Discuss Labor Negotiations**

MEETING DATE: January 9, 2023

ITEM TYPE: Regular Business

CONTACT: Kris Wilson, City Administrator, 651.450.2511

ACTION REQUESTED

The Council is asked to enter into a closed session to consider strategy for labor negotiations, including negotiation strategies or developments or discussion and review of labor negotiation proposals.

BACKGROUND

Minnesota Statute 13D.03 allows the governing body of a public sector employer to go into a closed session to discuss labor negotiation strategies. A majority vote of the Council is required to go into closed session and the time and place of the closed session must be announced in the public meeting.

FISCAL IMPACT

NA

RECOMMENDATION

The Council is asked to move, second and adopt a motion to go into closed session, pursuant to Minnesota Statute 13D.03, to consider strategy for labor negotiations, with the closed session to begin at ____ p.m. on Monday, January 9 in the Mayor's Conference Room of the Inver Grove Heights City Hall.

ATTACHMENTS

None