

COMPILED SET - 4/22/24

JOHN KNOX VILLAGE COURTYARDS-BUILDING E

New Independent Living Building

LEE'S SUMMIT, MO

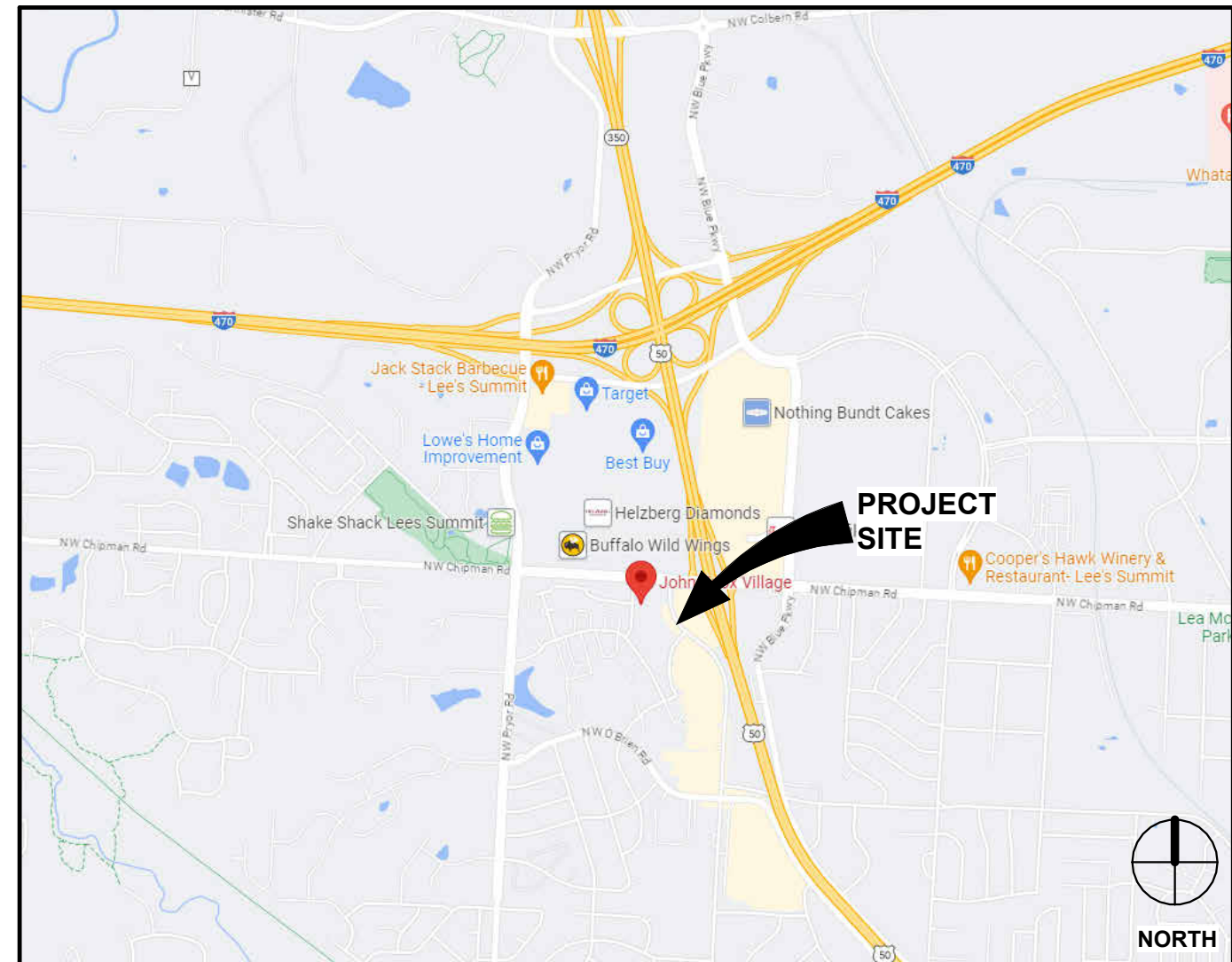
CONSTRUCTION SET

DATE: January 5, 2024

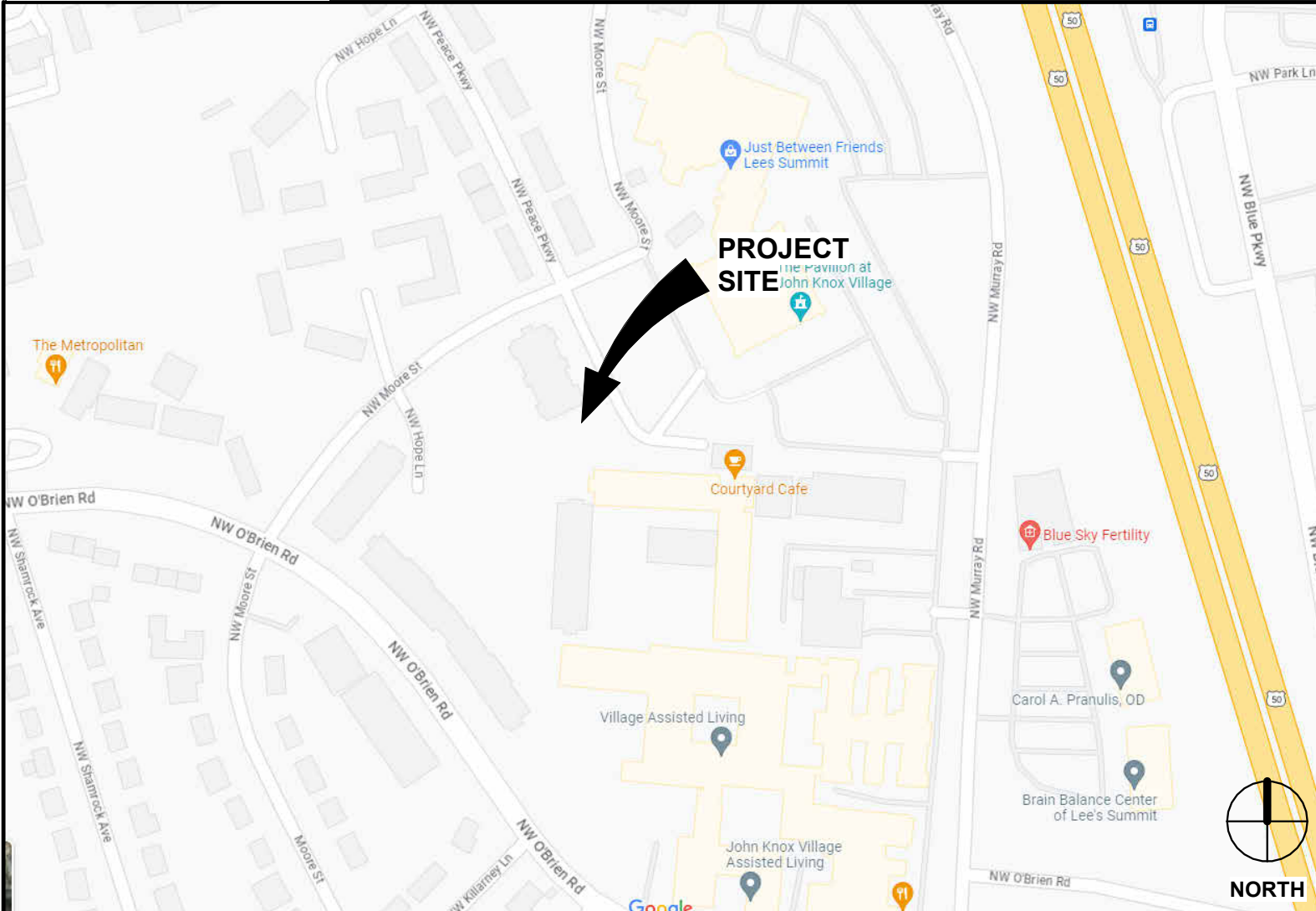
REVISED FOR BID SET: FEBRUARY 16, 2024

COMM. NO. 23104.00

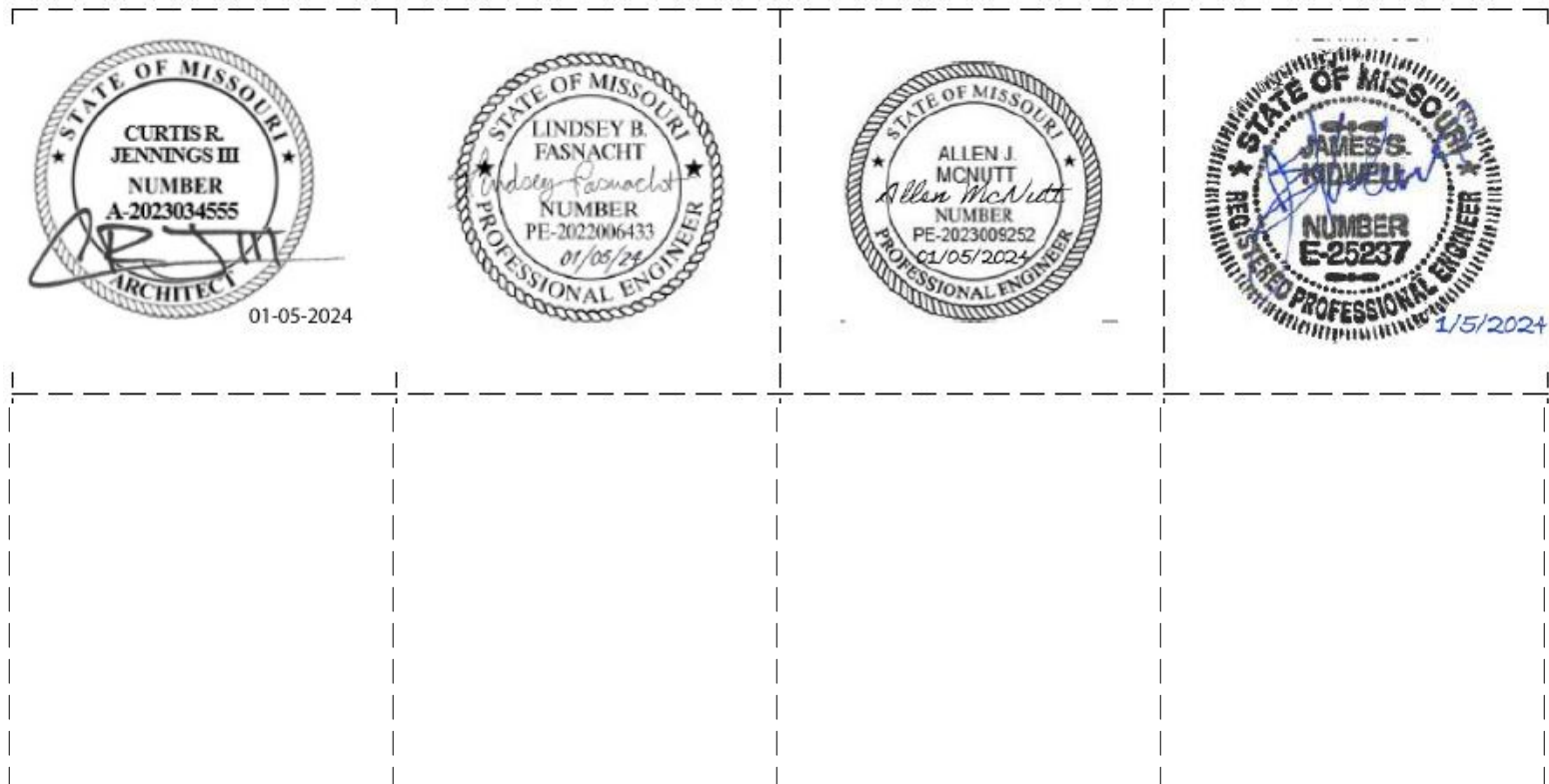
VICINITY MAP



LOCATION MAP



seals were erroneously left off the Bid Set cover, but were submitted for the Permit Set.



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800.873.2788

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CHARLOTTE, NC 28203
704.372.7327

PHILADELPHIA OFFICE
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VEVA 17, SUITE 220
BLUE BELL, PA 19422
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LOUISVILLE OFFICE
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www.greystonecommunities.com

BHC RHODES
CIVIL ENGINEERING
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Overland Park, KS 66210
Phone: 913.663.1900
www.ibhc.com

DRAWING INDEX

NOTE: CIVIL DRAWINGS BEING PERMITTED UNDER
SEPARATE COVER, INCLUDED HERE FOR REFERENCE ONLY.



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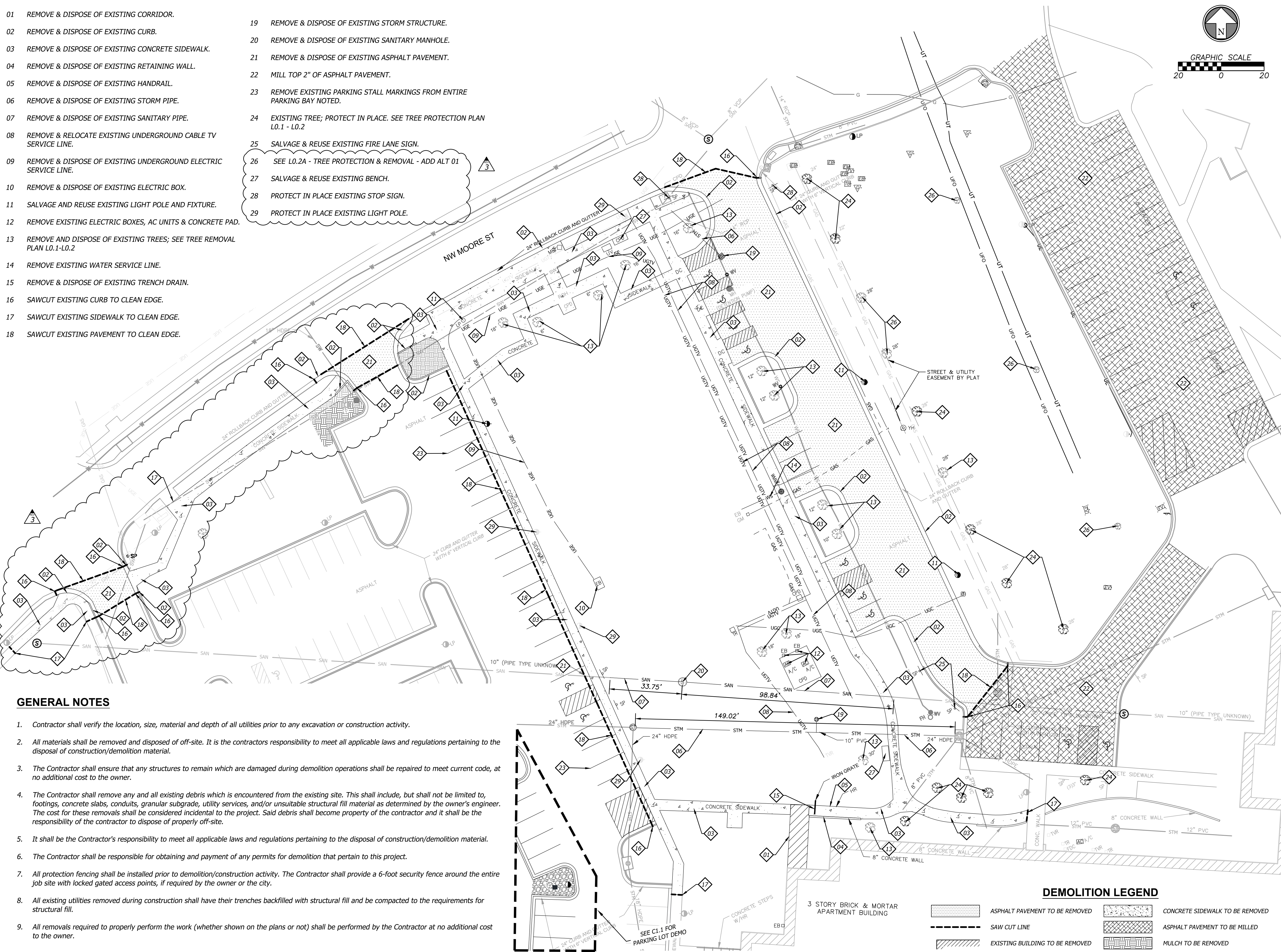
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00 DEMOLITION NOTES

- 01 REMOVE & DISPOSE OF EXISTING CORRIDOR.
02 REMOVE & DISPOSE OF EXISTING CURB.
03 REMOVE & DISPOSE OF EXISTING CONCRETE SIDEWALK.
04 REMOVE & DISPOSE OF EXISTING RETAINING WALL.
05 REMOVE & DISPOSE OF EXISTING HANDRAIL.
06 REMOVE & DISPOSE OF EXISTING STORM PIPE.
07 REMOVE & DISPOSE OF EXISTING SANITARY PIPE.
08 REMOVE & RELOCATE EXISTING UNDERGROUND CABLE TV SERVICE LINE.
09 REMOVE & DISPOSE OF EXISTING UNDERGROUND ELECTRIC SERVICE LINE.
10 REMOVE & DISPOSE OF EXISTING ELECTRIC BOX.
11 SALVAGE AND REUSE EXISTING LIGHT POLE AND FIXTURE.
12 REMOVE EXISTING ELECTRIC BOXES, AC UNITS & CONCRETE PAD.
13 REMOVE AND DISPOSE OF EXISTING TREES; SEE TREE REMOVAL PLAN L0.1-L0.2
14 REMOVE EXISTING WATER SERVICE LINE.
15 REMOVE & DISPOSE OF EXISTING TRENCH DRAIN.
16 SAWCUT EXISTING CURB TO CLEAN EDGE.
17 SAWCUT EXISTING SIDEWALK TO CLEAN EDGE.
18 SAWCUT EXISTING PAVEMENT TO CLEAN EDGE.

- 19 REMOVE & DISPOSE OF EXISTING STORM STRUCTURE.
20 REMOVE & DISPOSE OF EXISTING SANITARY MANHOLE.
21 REMOVE & DISPOSE OF EXISTING ASPHALT PAVEMENT.
22 MILL TOP 2" OF ASPHALT PAVEMENT.
23 REMOVE EXISTING PARKING STALL MARKINGS FROM ENTIRE PARKING BAY NOTED.
24 EXISTING TREE; PROTECT IN PLACE. SEE TREE PROTECTION PLAN L0.1 - L0.2
25 SALVAGE & REUSE EXISTING FIRE LANE SIGN.
26 SEE L0.2A - TREE PROTECTION & REMOVAL - ADD ALT 01
27 SALVAGE & REUSE EXISTING BENCH.
28 PROTECT IN PLACE EXISTING STOP SIGN.
29 PROTECT IN PLACE EXISTING LIGHT POLE.



GENERAL NOTES

1. Contractor shall verify the location, size, material and depth of all utilities prior to any excavation or construction activity.
2. All materials shall be removed and disposed of off-site. It is the contractors responsibility to meet all applicable laws and regulations pertaining to the disposal of construction/demolition material.
3. The Contractor shall ensure that any structures to remain which are damaged during demolition operations shall be repaired to meet current code, at no additional cost to the owner.
4. The Contractor shall remove any and all existing debris which is encountered from the existing site. This shall include, but shall not be limited to, footings, concrete slabs, conduits, granular subgrade, utility services, and/or unsuitable structural fill material as determined by the owner's engineer. The cost for these removals shall be considered incidental to the project. Said debris shall become property of the contractor and it shall be the responsibility of the contractor to dispose of properly off-site.
5. It shall be the Contractor's responsibility to meet all applicable laws and regulations pertaining to the disposal of construction/demolition material.
6. The Contractor shall be responsible for obtaining and payment of any permits for demolition that pertain to this project.
7. All protection fencing shall be installed prior to demolition/construction activity. The Contractor shall provide a 6-foot security fence around the entire job site with locked gated access points, if required by the owner or the city.
8. All existing utilities removed during construction shall have their trenches backfilled with structural fill and be compacted to the requirements for structural fill.
9. All removals required to properly perform the work (whether shown on the plans or not) shall be performed by the Contractor at no additional cost to the owner.



FINAL
DEVELOPMENT PLAN

PROJECT TITLE



COURTYARDS - BUILDING E



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Charlotte, North Carolina 28203.4633
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www.sfcs.com

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ARCHITECT : DAS		CHECKED : ERB	
ENGINEER : ERB		APPROVED : ERB	
NO.	REVISION DESCRIPTION		DATE
1	FDP RESUBMITTAL		2/23/2024
3	Addendum 1		3/7/2024

DRAWING TITLE

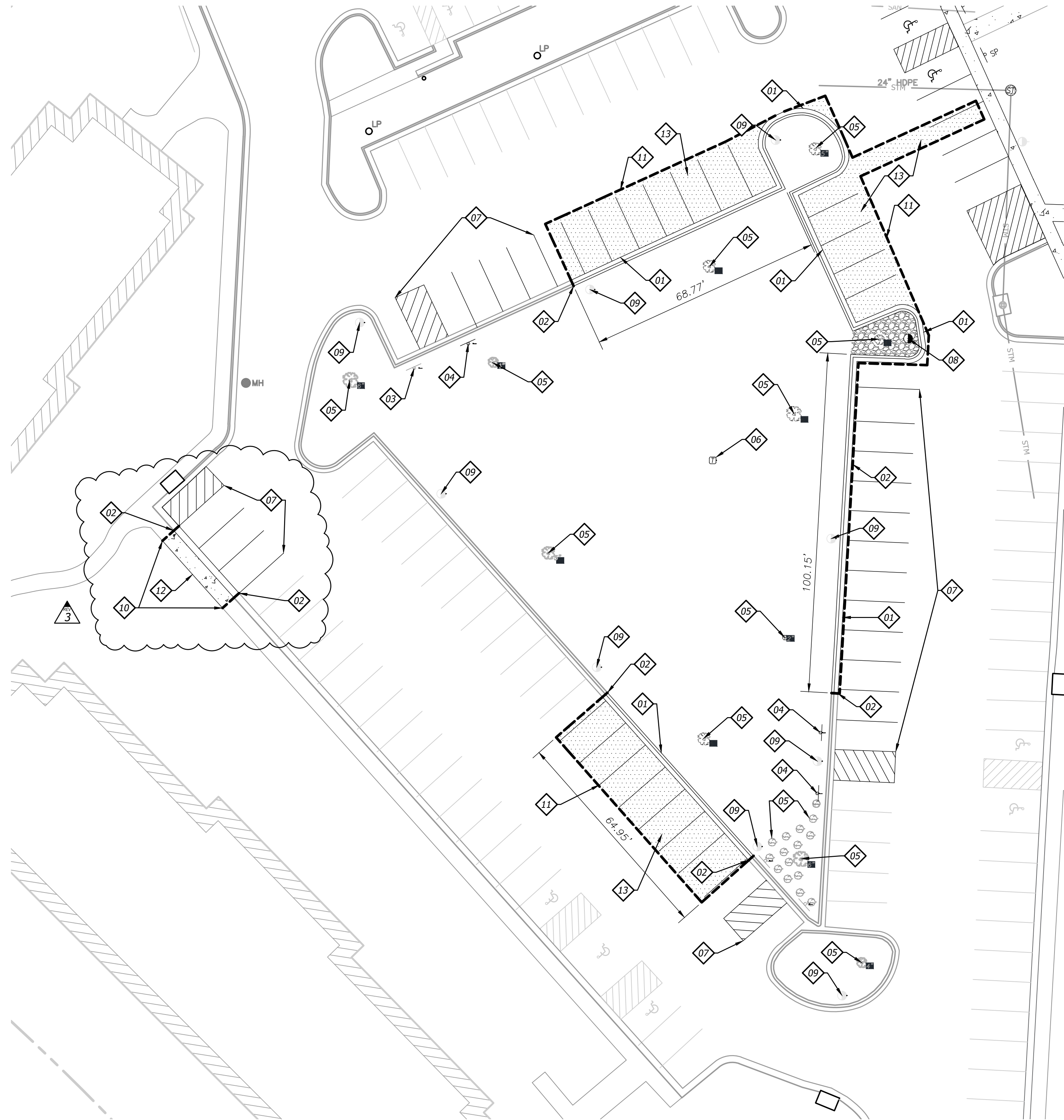
DEMOLITION PLAN

DATE: December 1, 2023

COMM. NO. 23104.00

DRAWING

C1.0



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- All existing utilities removed during construction shall have their trenches backfilled with structural fill and be compacted to the requirements for structural fill.
- All removals required to properly perform the work (whether shown on the plans or not) shall be performed by the Contractor at no additional cost to the owner.

DEMOLITION NOTES

- 00 REMOVE & DISPOSE OF EXISTING CURB.
- 02 SAWCUT EXISTING CURB TO CLEAN EDGE.
- 03 PROTECT IN PLACE EXISTING SIGN.
- 04 SALVAGE & REUSE EXISTING SIGN.
- 05 SEE L0.2B - TREE PROTECTION & REMOVAL - ADD ALT 02.
- 06 SALVAGE AND REUSE EXISTING TELEPHONE BOX. NEW LOCATION TO BE COORDINATED WITH OWNER.
- 07 REMOVE EXISTING PARKING STALL MARKINGS.
- 08 SALVAGE AND REUSE EXISTING LIGHT POLE AND FIXTURE.
- 09 EXISTING LIGHT POLE AND FIXTURE; PROTECT IN PLACE.
- 10 SAWCUT EXISTING SIDEWALK TO CLEAN EDGE.
- 11 SAWCUT EXISTING PAVEMENT TO CLEAN EDGE.
- 12 REMOVE & DISPOSE OF EXISTING CONCRETE SIDEWALK.
- 13 REMOVE & DISPOSE OF EXISTING ASPHALT PAVEMENT.

DEMOLITION LEGEND

- SAW CUT LINE
- EXISTING BUILDING
- GRAVEL PATCH TO BE DISPOSED OF
- ASPHALT PAVEMENT TO BE REMOVED
- CONCRETE SIDEWALK TO BE REMOVED

BID ALTERNATE 2



FINAL
DEVELOPMENT PLAN



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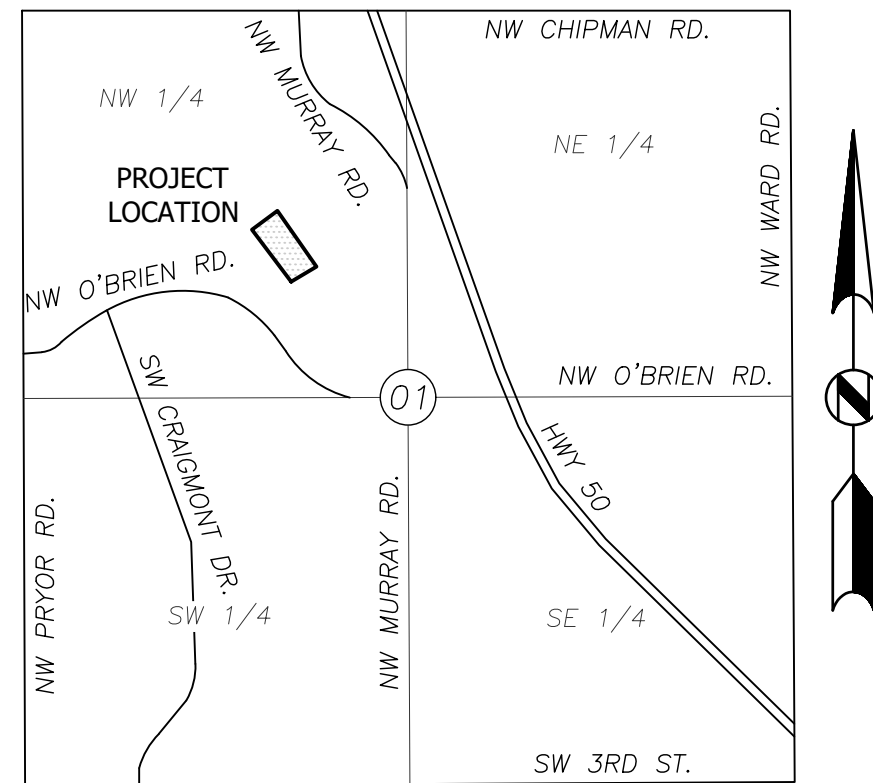
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ARCHITECT : DAS		CHECKED : ERB	
ENGINEER : ERB		APPROVED : ERB	
NO.	REVISION DESCRIPTION		DATE
1	FDP RESUBMITTAL		2/23/2024
3	Addendum 1		3/7/2024

DRAWING TITLE
PARKING LOT
DEMOLITION PLAN

DATE: December 1, 2023
COMM. NO. 23104.00

DRAWING
C1.1

<u>SITE</u>	
SITE AREA:	1.72 AC 75,000 SF
IMPERVIOUS AREA:	
EXISTING:	34,880 SF (46.5%)
PROPOSED:	43,200 SF (57.6%)
<u>BUILDING</u>	
BUILDING FOOTPRINT AREA :	19,000 SF (25.3%)
GROSS BUILDING AREA:	72,120 SF
52 UNITS	
<u>PARKING</u>	
PARKING REQUIRED:	52
1 PER UNIT	
*PARKING PROVIDED:	52 TOTAL 10 HANDICAP (4 VAN)
*REFER TO PARKING NARRATIVE	



SECTION MAP
SECTION 01-T47N-R32W

LEGAL DESCRIPTION

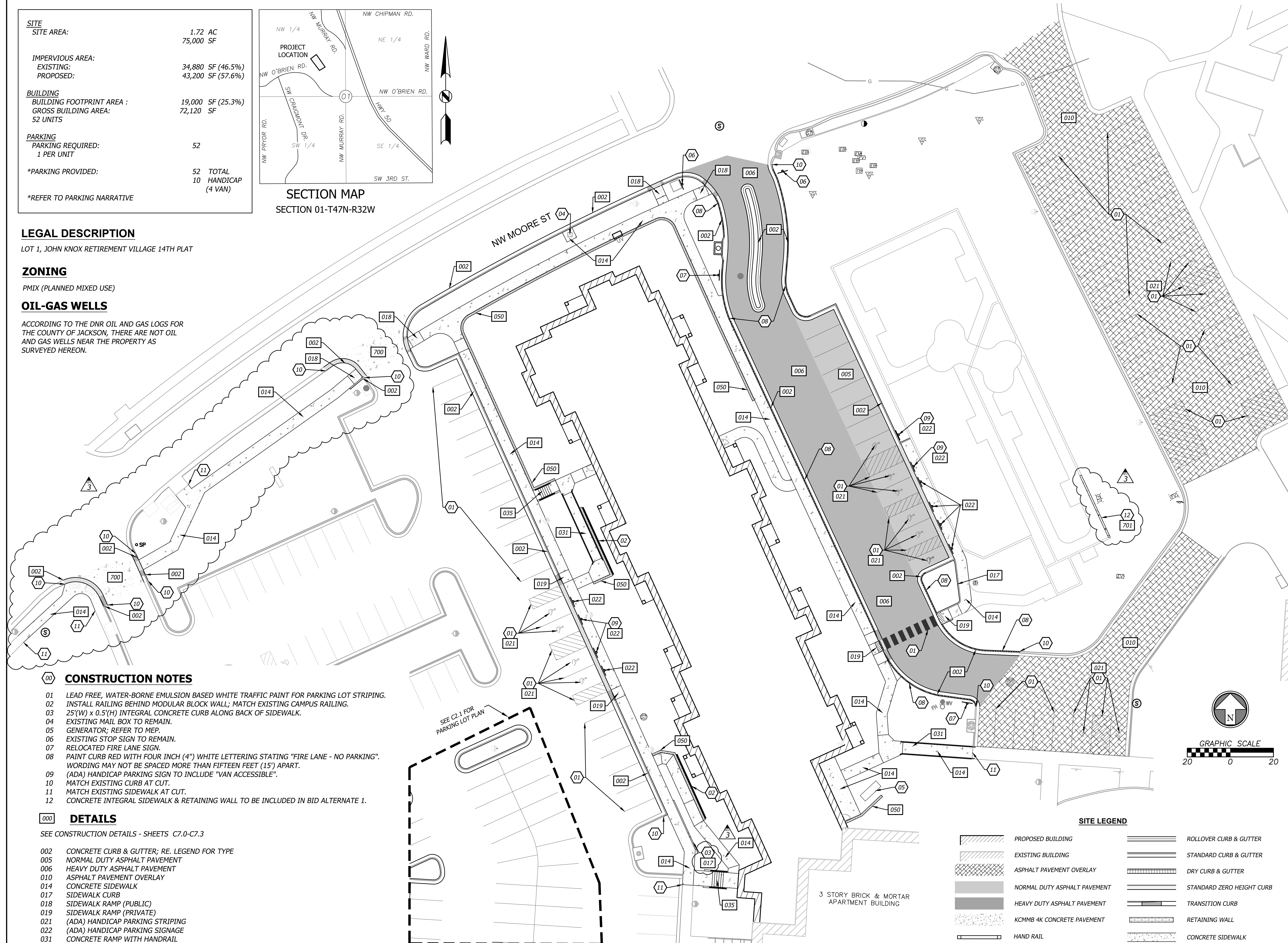
LOT 1, JOHN KNOX RETIREMENT VILLAGE 14TH PLAT

ZONING

PMIX (PLANNED MIXED USE)

OIL-GAS WELLS

ACCORDING TO THE DNR OIL AND GAS LOGS FOR THE COUNTY OF JACKSON, THERE ARE NOT OIL AND GAS WELLS NEAR THE PROPERTY AS SURVEYED HEREON.



FINAL DEVELOPMENT PLAN

PROJECT TITLE



COURTYARDS - BUILDING E

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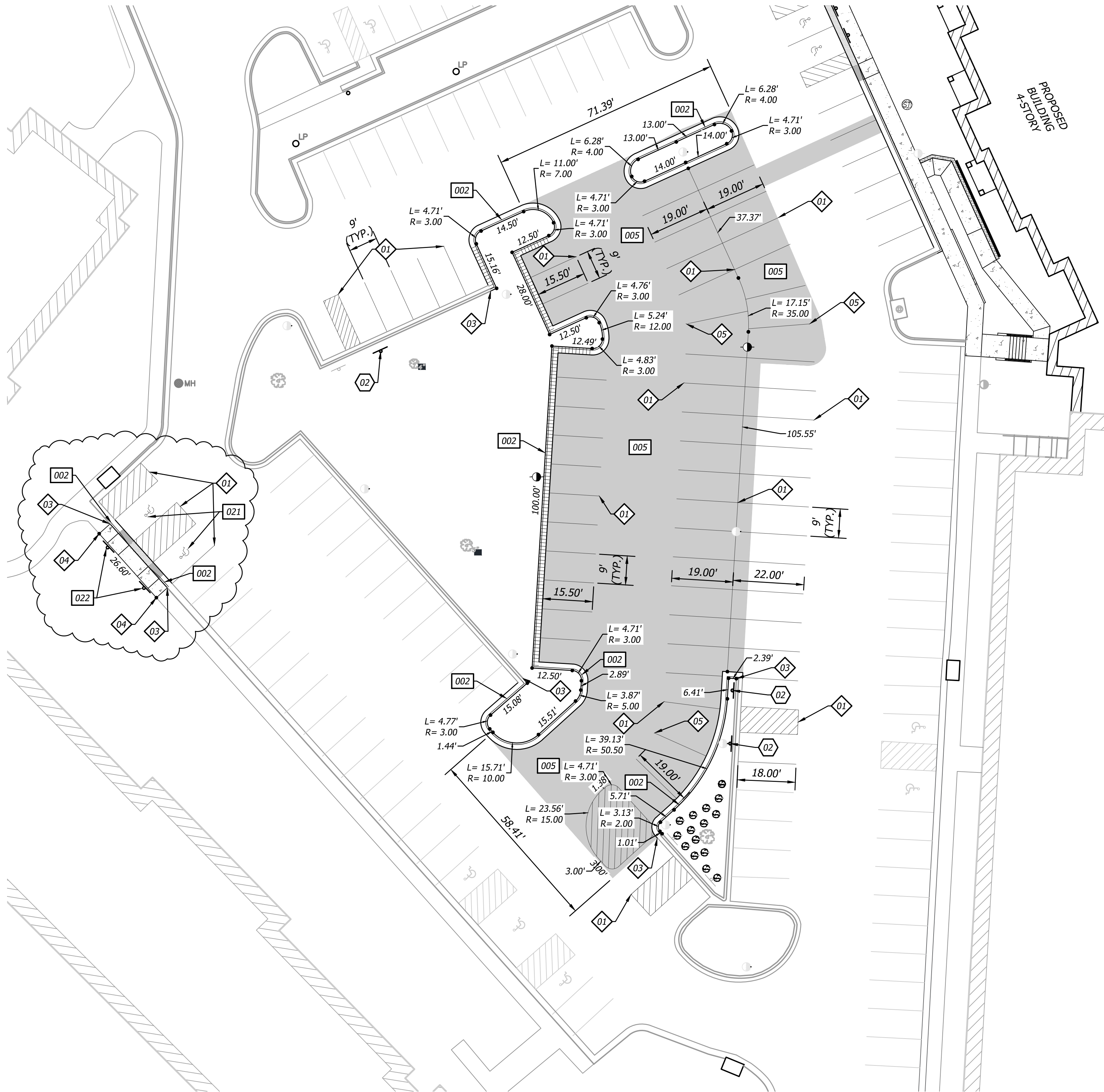
SITE PLAN

DATE: December 1, 2023

DRAWING

COMM. NO. 23104.0

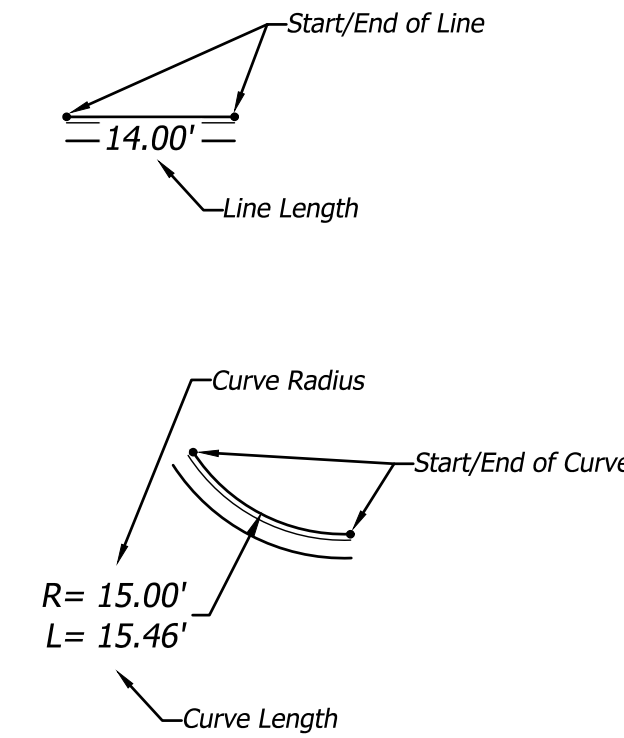
C2.0



DIMENSION NOTES

1. ALL DIMENSIONS ARE TO/ALONG BACK OF CURB UNLESS OTHERWISE NOTED
2. ALL DIMENSIONS ARE TO BOTTOM OF WALL UNLESS OTHERWISE NOTED

DIMENSION LEGEND



CONSTRUCTION NOTES

- 01 LEAD FREE, WATER-BORNE EMULSION BASED WHITE TRAFFIC PAINT FOR PARKING LOT STRIPING
- 02 RELOCATED MOBILITY PARKING SIGN
- 03 MATCH EXISTING CURB AT CUT
- 04 MATCH EXISTING SIDEWALK AT CUT
- 05 ALL CURVED PARKING SPOTS TO BE A MINIMUM WIDTH OF 9' AND MINIMUM LENGTH OF 19'

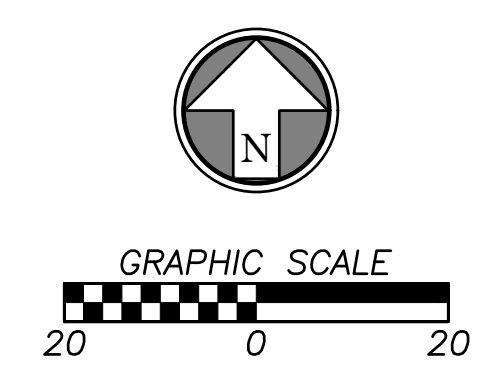
DETAILS

SEE CONSTRUCTION DETAILS - SHEETS C7.0-C7.3

- 002 CONCRETE CURB & GUTTER; RE. LEGEND FOR TYPE
- 005 NORMAL DUTY ASPHALT PAVEMENT
- 021 (ADA) HANDICAP PARKING STRIPING
- 022 (ADA) HANDICAP PARKING SIGNAGE

SITE LEGEND

- PROPOSED BUILDING
- EXISTING BUILDING
- NORMAL DUTY ASPHALT PAVEMENT
- DRY CURB & GUTTER
- STANDARD CURB & GUTTER
- TRANSITION CURB
- STANDARD ZERO HEIGHT CURB
- CONCRETE SIDEWALK



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DRAWING TITLE

PARKING LOT SITE PLAN

DATE: December 1, 2023	DRAWING
COMM. NO. 23104.00	C2.1

BID ALTERNATE 2



FINAL DEVELOPMENT PLAN

PROJECT TITLE



COURTYARDS - BUILDING E

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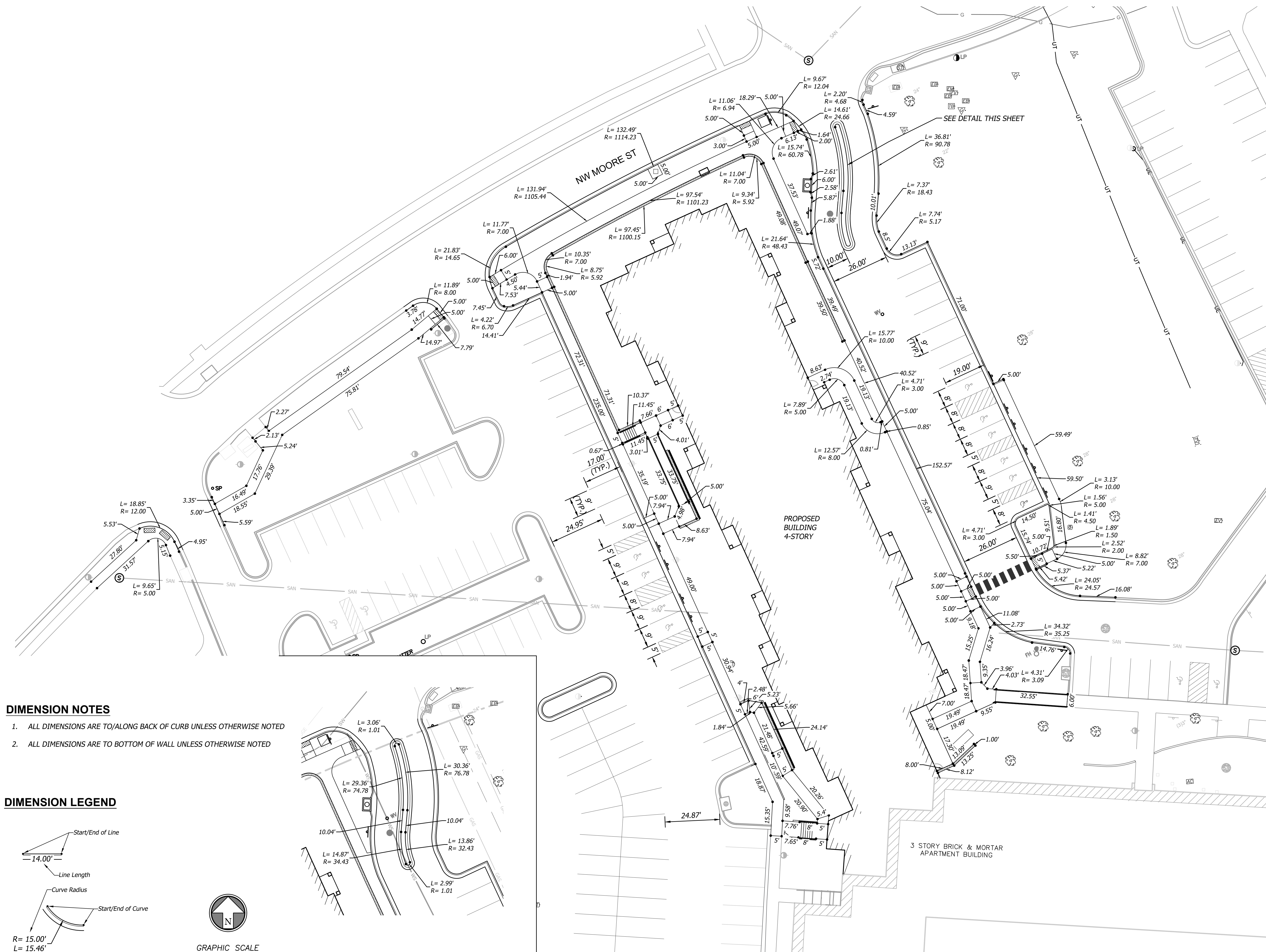
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DIMENSION PLAN

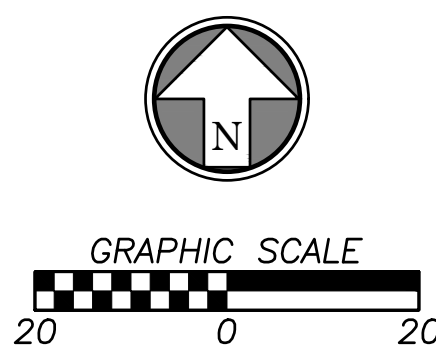
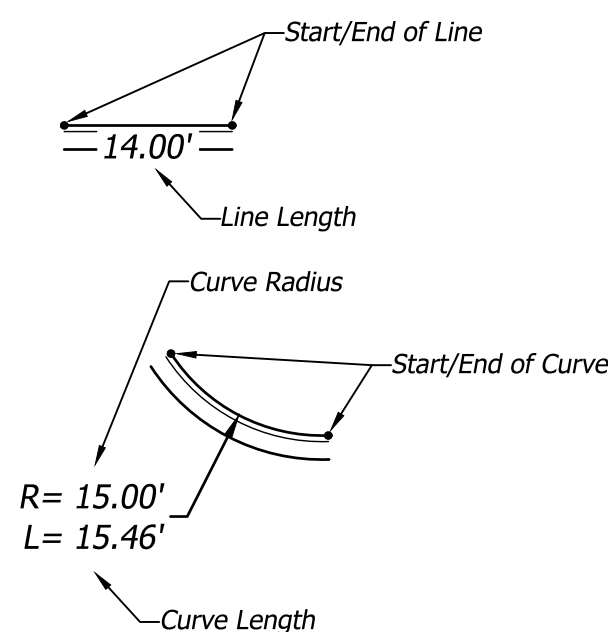
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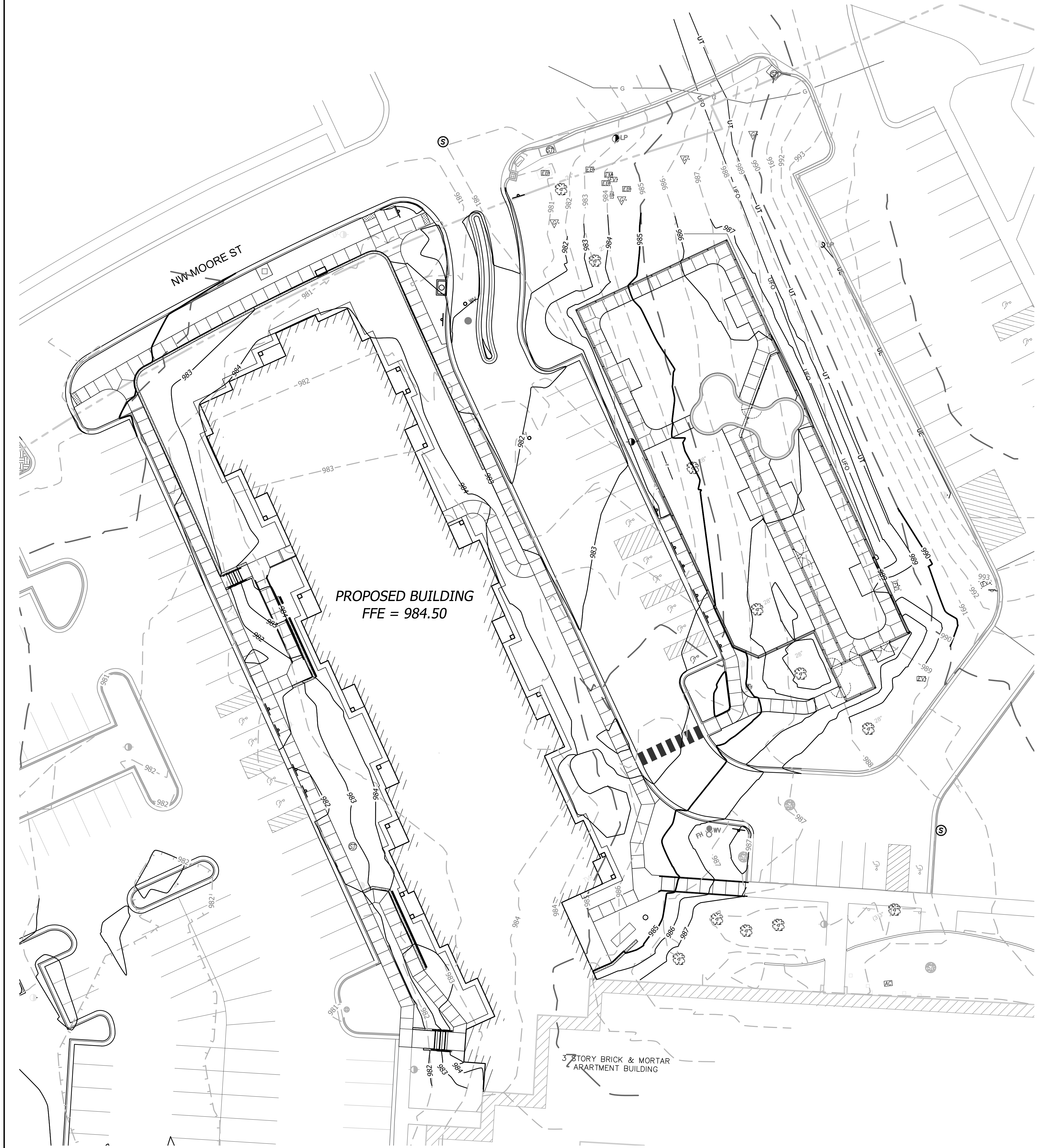


DIMENSION NOTES

- ALL DIMENSIONS ARE TO/ALONG BACK OF CURB UNLESS OTHERWISE NOTED
- ALL DIMENSIONS ARE TO BOTTOM OF WALL UNLESS OTHERWISE NOTED

DIMENSION LEGEND





GRADING NOTES

- Contractor shall obtain a copy of the Geotechnical Services Report for the project and be familiar with the existing conditions and recommendations contained in the report if such a report has been prepared.
- Contractor is responsible for any over excavation of existing unsuitable soils will be required under building and pavement areas. Contractor shall perform over excavation of unsuitable soils as a part of this work.
- Contractor shall obtain soils suitable as structural fill from off-site sources. All borrow materials must be tested and approved by the Geotechnical Engineer prior to importing the soils to the project site.
- Contractor shall operate under the terms and permits included in the Stormwater Pollution Prevention Plan (SWPPP) prepared for this project and permitted through the State of Kansas. Contractor shall employ a qualified person to conduct regular inspections of the site erosion control measures and document such inspections in the SWPPP document maintained by the Contractor.
- All topsoil, vegetation, root structures, and deleterious materials shall be stripped from the ground surface prior to the placement of embankments. Contractor shall obtain the on-site geotechnical representative's acceptance of the existing ground surface materials and the proposed fill material prior to the placement of fill.
- All proposed contour lines and spot elevations shown are finish ground elevations. Contractor shall account for pavement depths, building pads, topsoil, etc when grading the site.
- All disturbed areas that are not to be paved (green spaces) shall be finish graded with a minimum of six inches of topsoil.
- All excavation and embankments shall comply with the recommendations provided by the geotechnical engineer.
- Prior to placing any concrete or asphalt pavement the contractor shall perform a proof roll of the pavement sub-grade with a fully loaded tandem axle dump truck. The proof roll shall be conducted in the presence of the on-site geotechnical representative. Areas that display rutting or pumping that are unsatisfactory to the geotechnical representative shall be re-worked and a follow-up proof roll shall be conducted prior to acceptance of the sub-grade for paving. The contractor may, at its own expense, stabilize the sub-grade using Class C fly ash or quicklime, as approved by the geotechnical engineer.
- Finished grades shall not be steeper than 3:1.
- All grading work shall be considered unclassified. No additional payments shall be made for rock excavation. Contractor shall satisfy himself as to any rock excavation required to accomplish the improvements shown hereon.
- A 2.0% maximum cross slope shall be maintained on all pedestrian sidewalks and paths.

FLOOD STATEMENT

The subject property lies within Flood Zone "X" (unshaded) (Areas determined to be outside the 0.2% annual chance floodplain), as shown on the Jackson County, Missouri and Incorporated Areas Flood Insurance Rate Map (F.I.R.M.).
Map Number: 29095C0416G and 29095C0417G
Panel No.: 416 and 417 of 625
Map Revised Date: January 20, 2017
NOTE: This statement is provided for informational purposes only and shall in no way constitute a basis for a flood certificate. No field work was performed to establish the boundaries of this zone. The information was derived by scaling the subject property on the above referenced map.

GRADING LEGEND

- STANDARD CURB & GUTTER
- ROLLOVER CURB & GUTTER
- DRY CURB & GUTTER
- ZERO HEIGHT CURB
- TRANSITION CURB
- RETAINING WALL
- 980 FINISH GRADE MAJOR CONTOURS
- 982 FINISH GRADE MINOR CONTOURS
- 980 EXISTING GRADE MAJOR CONTOURS
- 982 EXISTING GRADE MINOR CONTOURS



FINAL DEVELOPMENT PLAN

PROJECT TITLE



COURTYARDS - BUILDING E



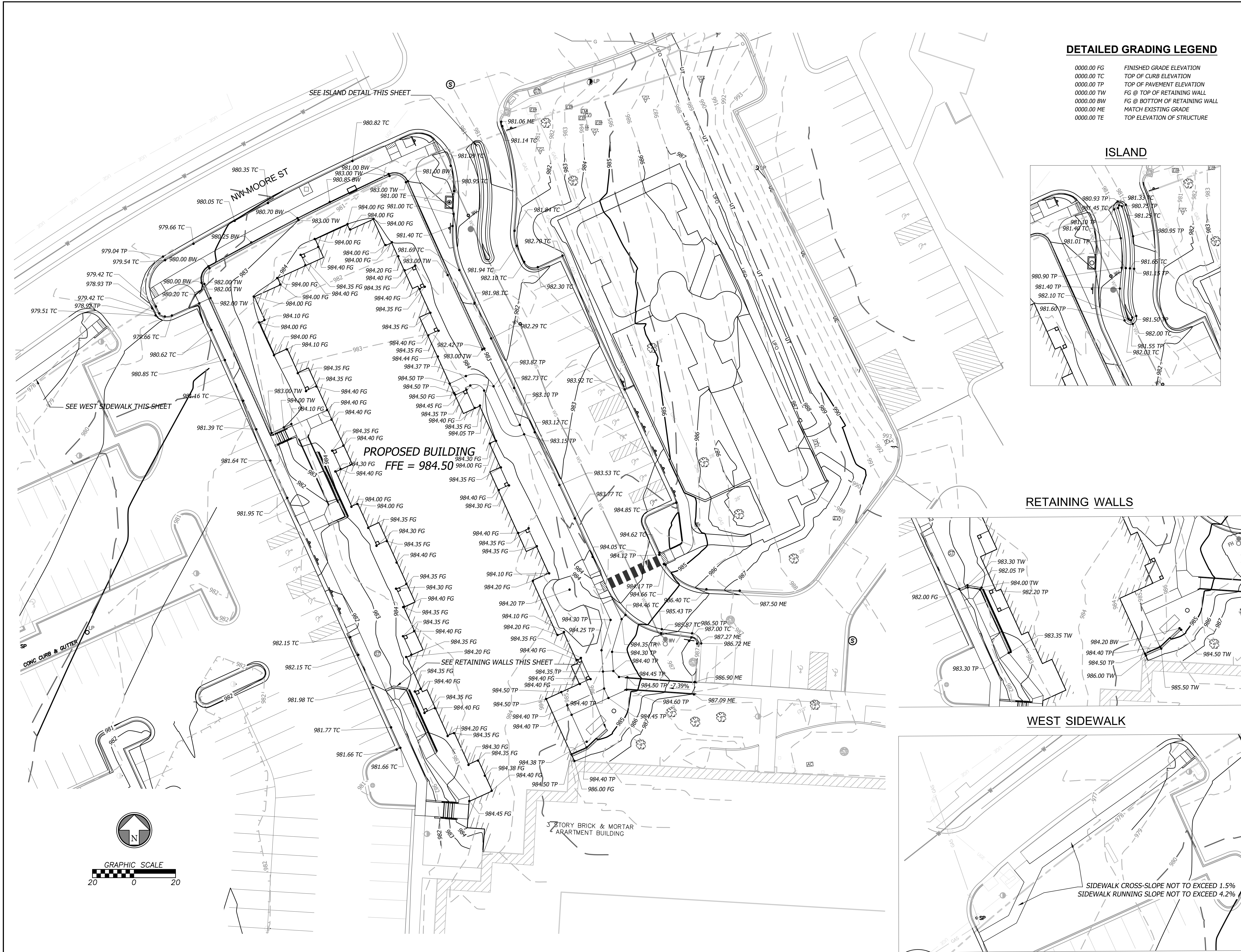
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ENGINEER : ERB		APPROVED : ERB	
NO.	REVISION DESCRIPTION		DATE
1	FDP RESUBMITTAL		2/16/2024

DRAWING TITLE

GRADING PLAN

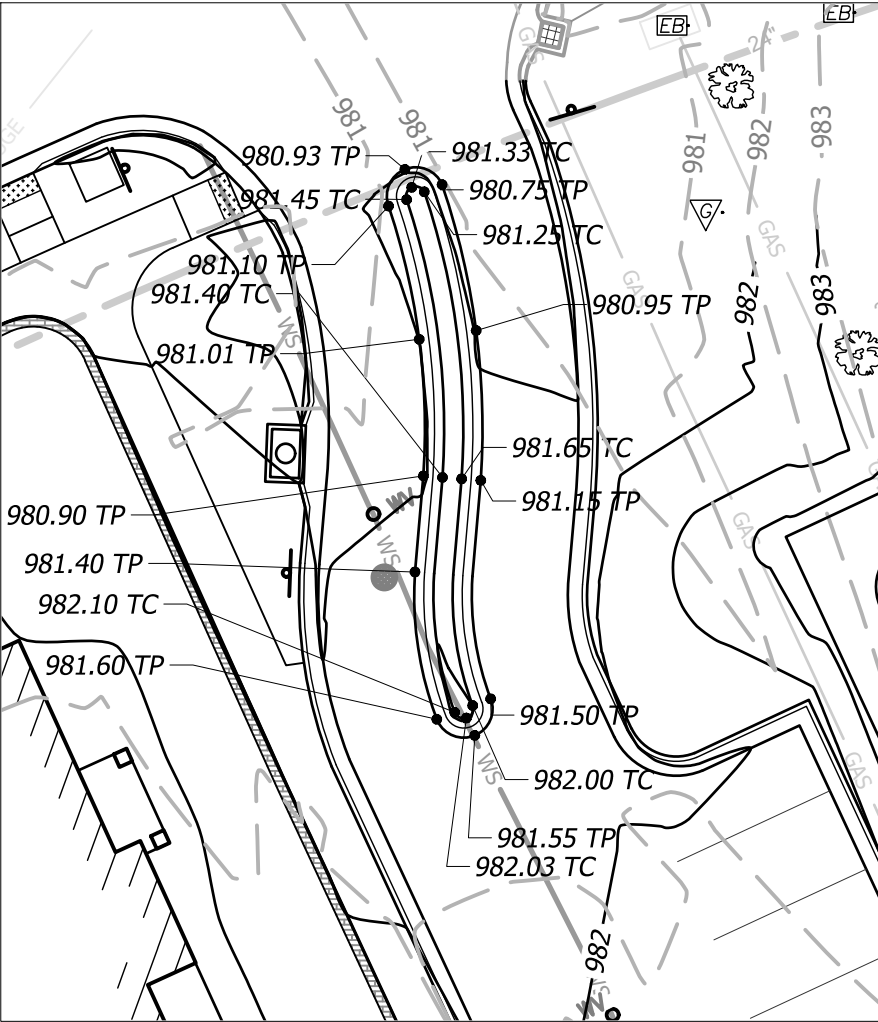
DATE: December 1, 2023	DRAWING
COMM. NO. 23104.00	C4.0



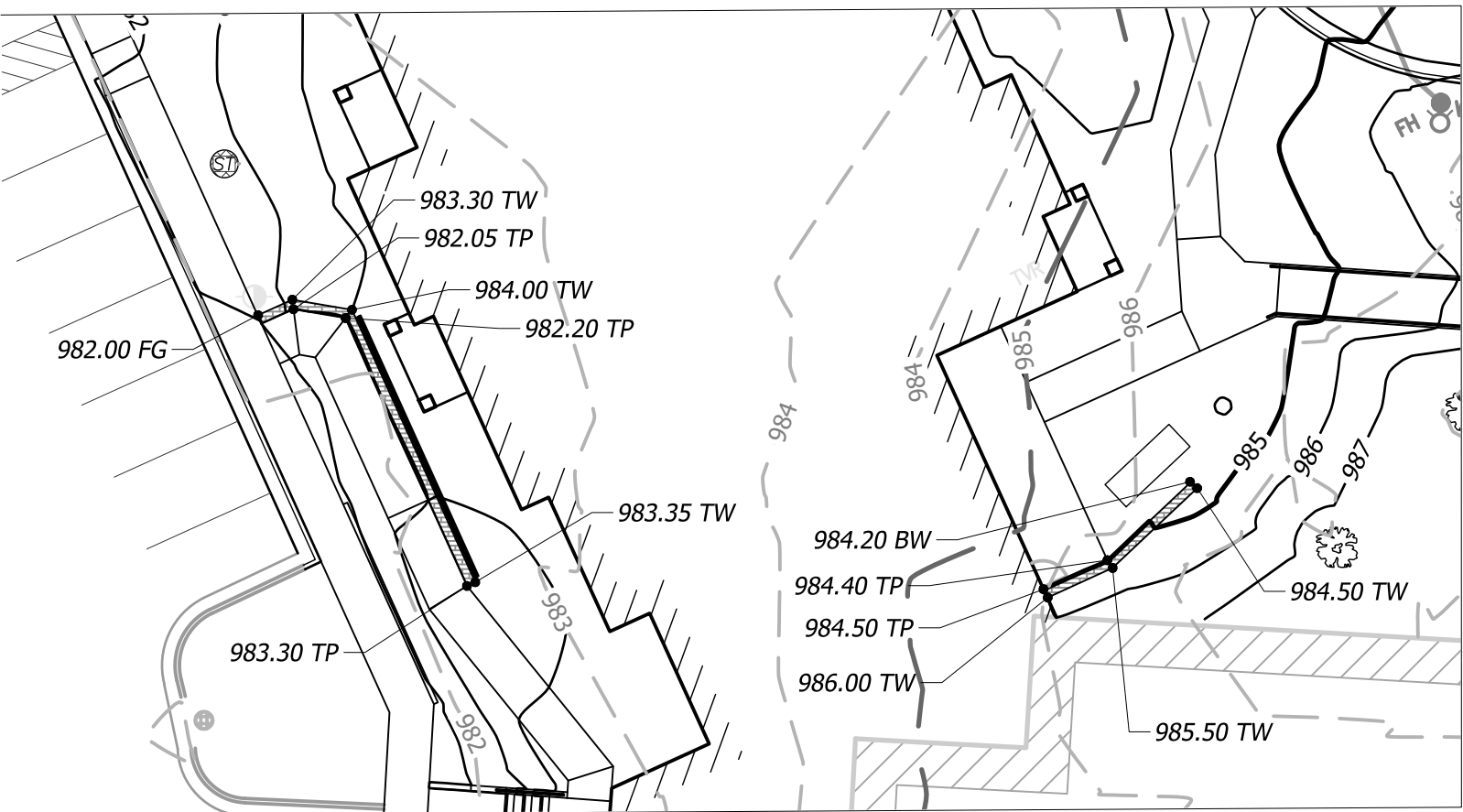
DETAILED GRADING LEGEND

0000.00 FG	FINISHED GRADE ELEVATION
0000.00 TC	TOP OF CURB ELEVATION
0000.00 TP	TOP OF PAVEMENT ELEVATION
0000.00 TW	FG @ TOP OF RETAINING WALL
0000.00 BW	FG @ BOTTOM OF RETAINING WALL
0000.00 ME	MATCH EXISTING GRADE
0000.00 TE	TOP ELEVATION OF STRUCTURE

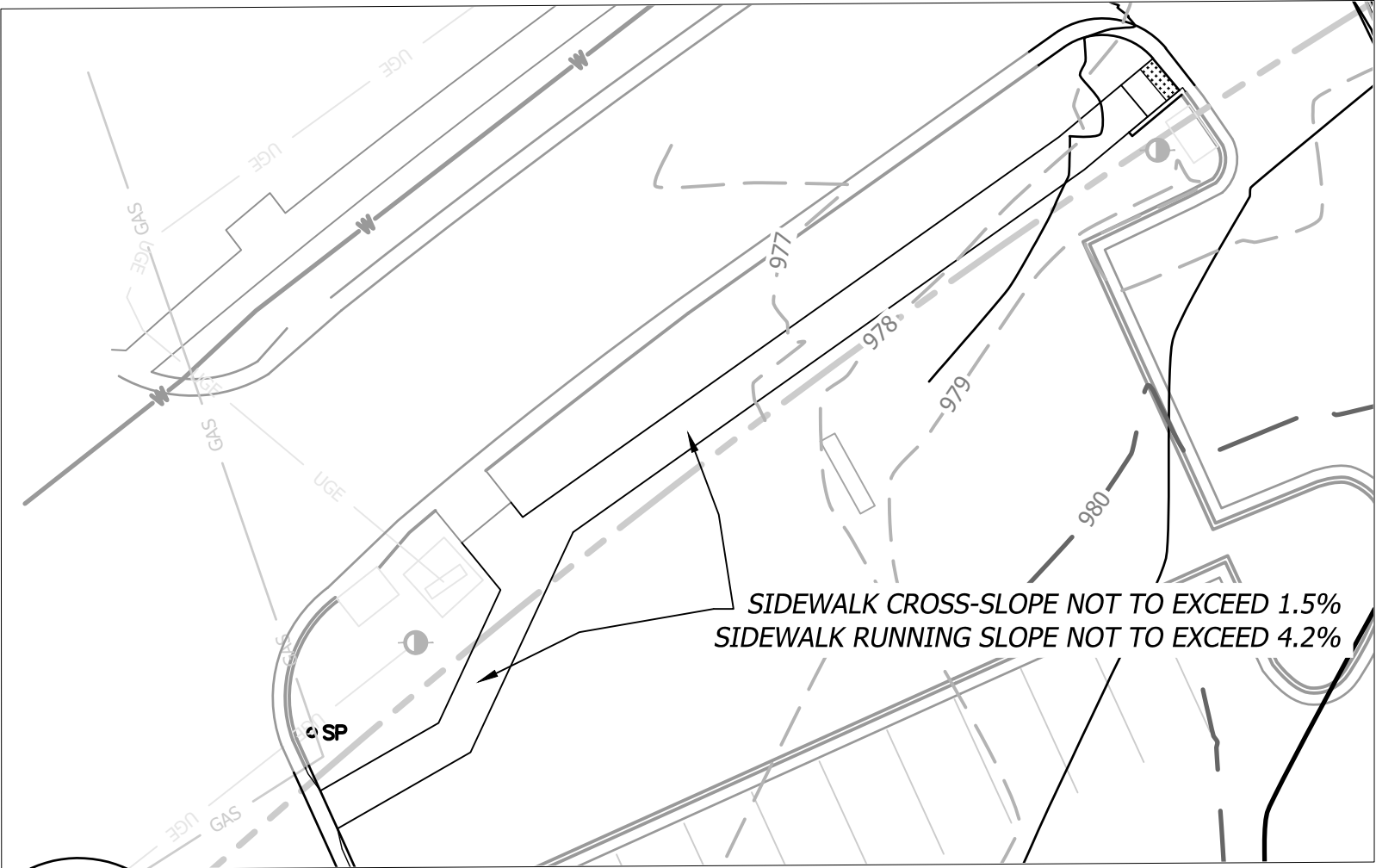
ISLAND



RETAINING WALLS



WEST SIDEWALK



FINAL
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PROJECT TITLE



COURTYARDS - BUILDING E



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3	Addendum 1		3/7/2024

DRAWING TITLE

DETAILED GRADING
PLAN

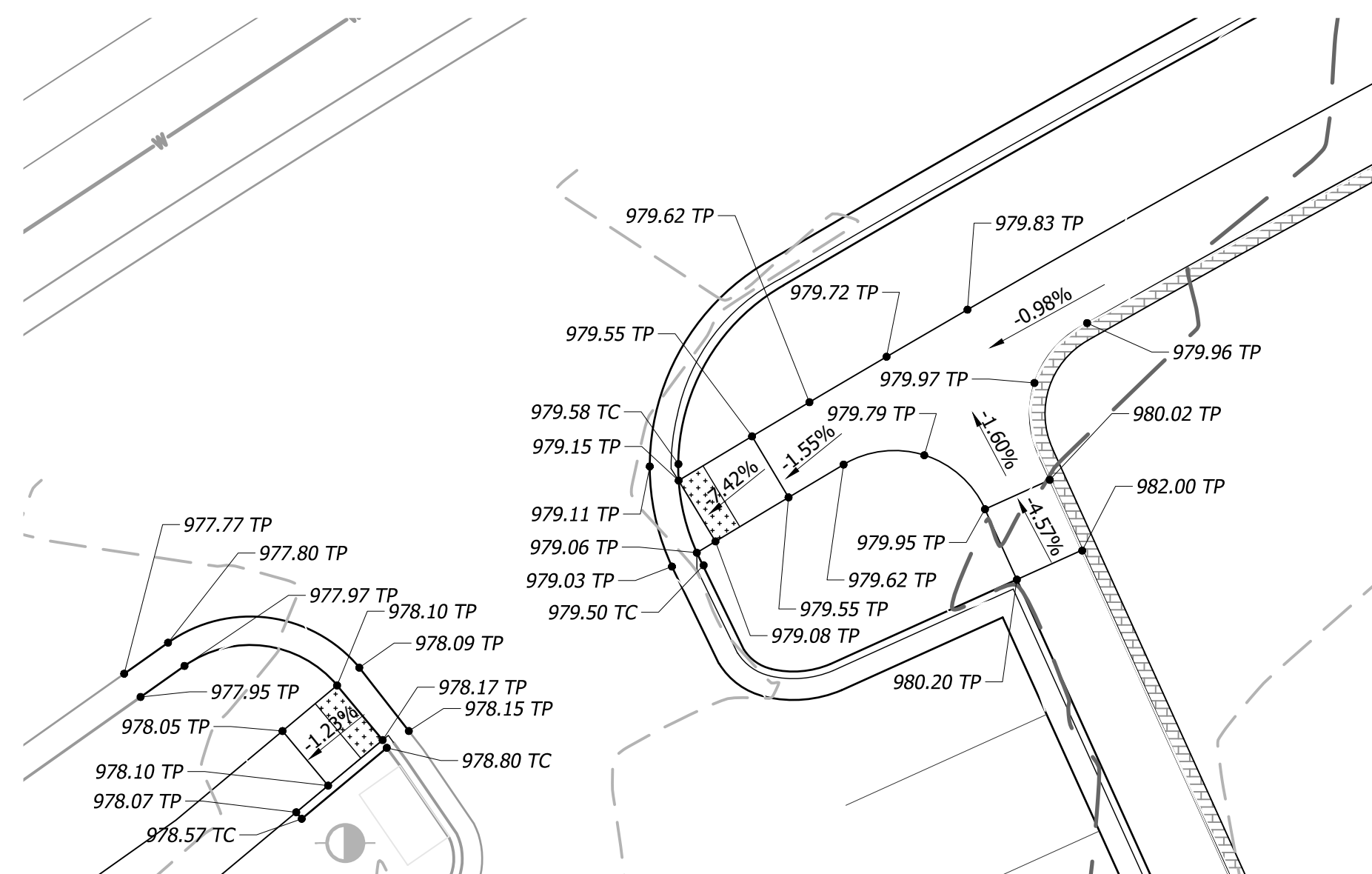
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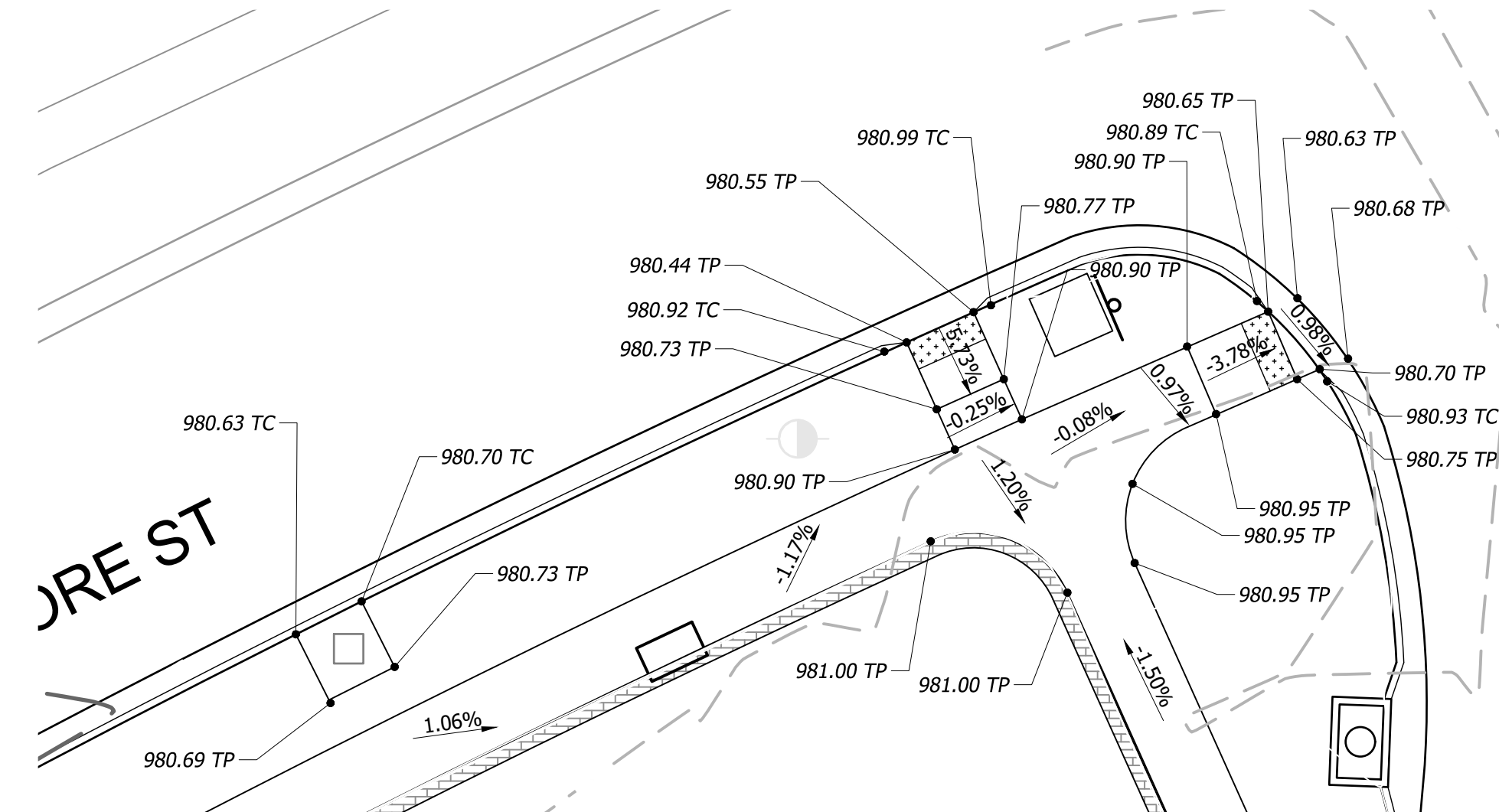
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C4.1

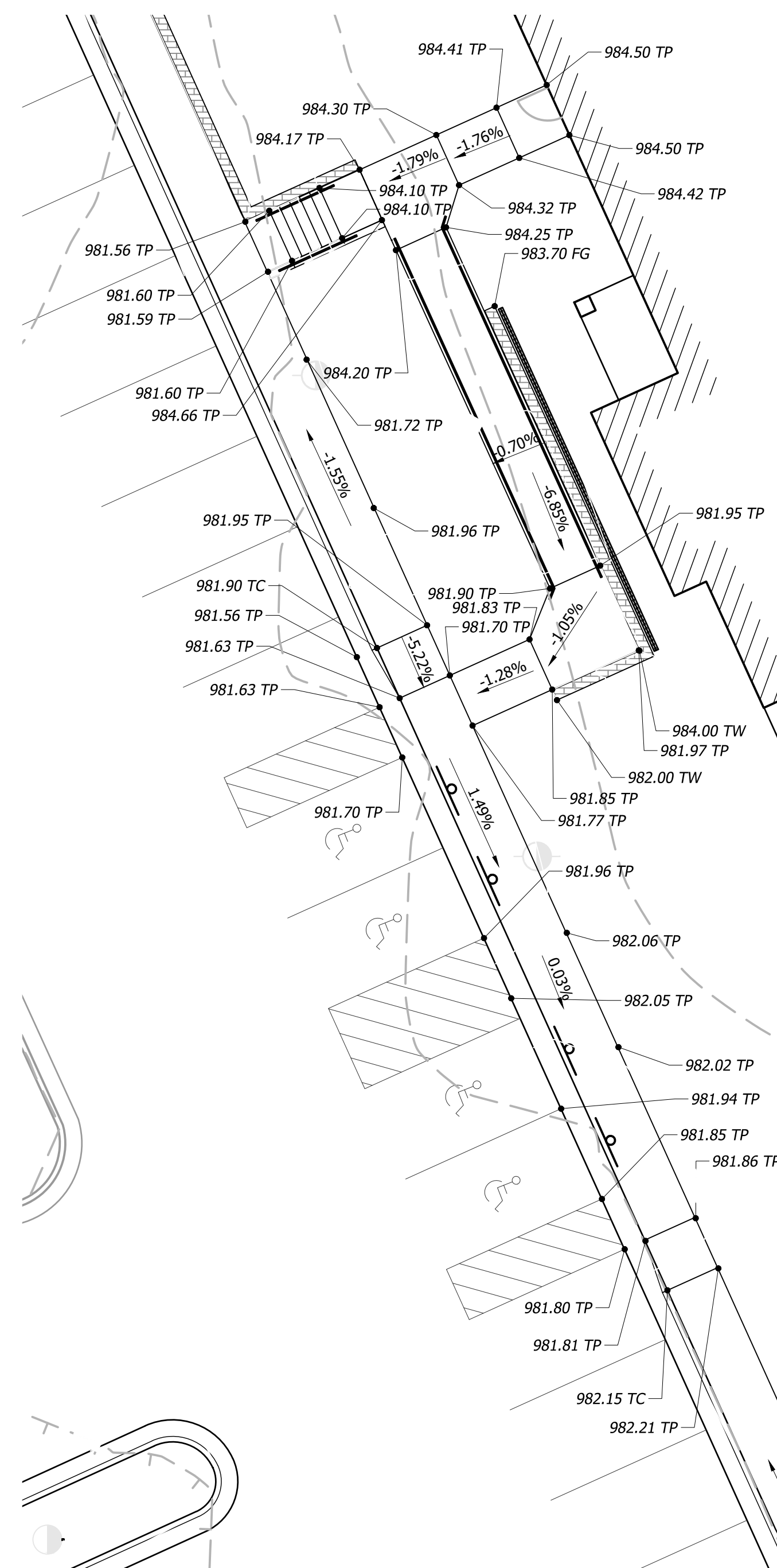
NORTHWEST SECTION



NORTHEAST SECTION



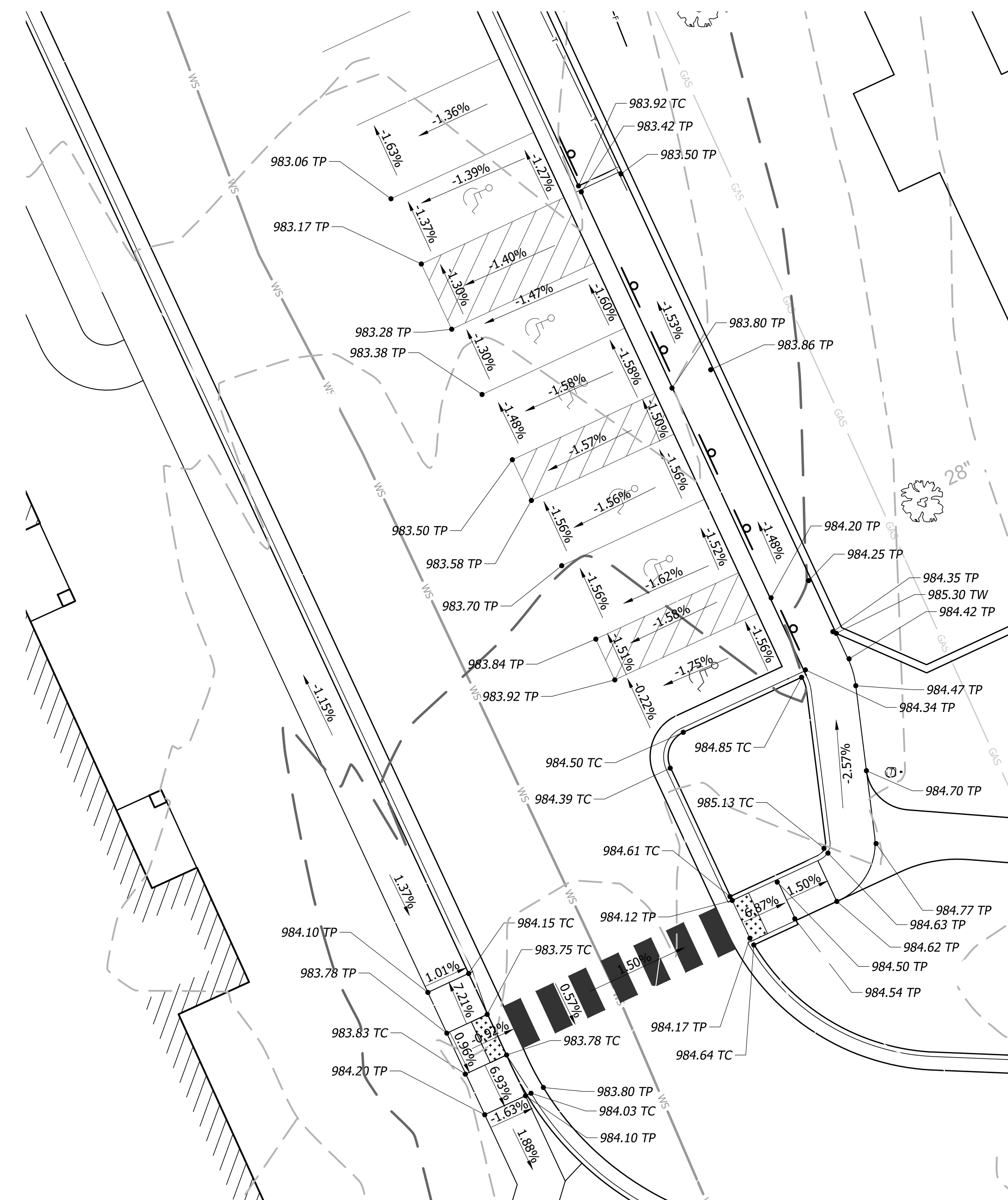
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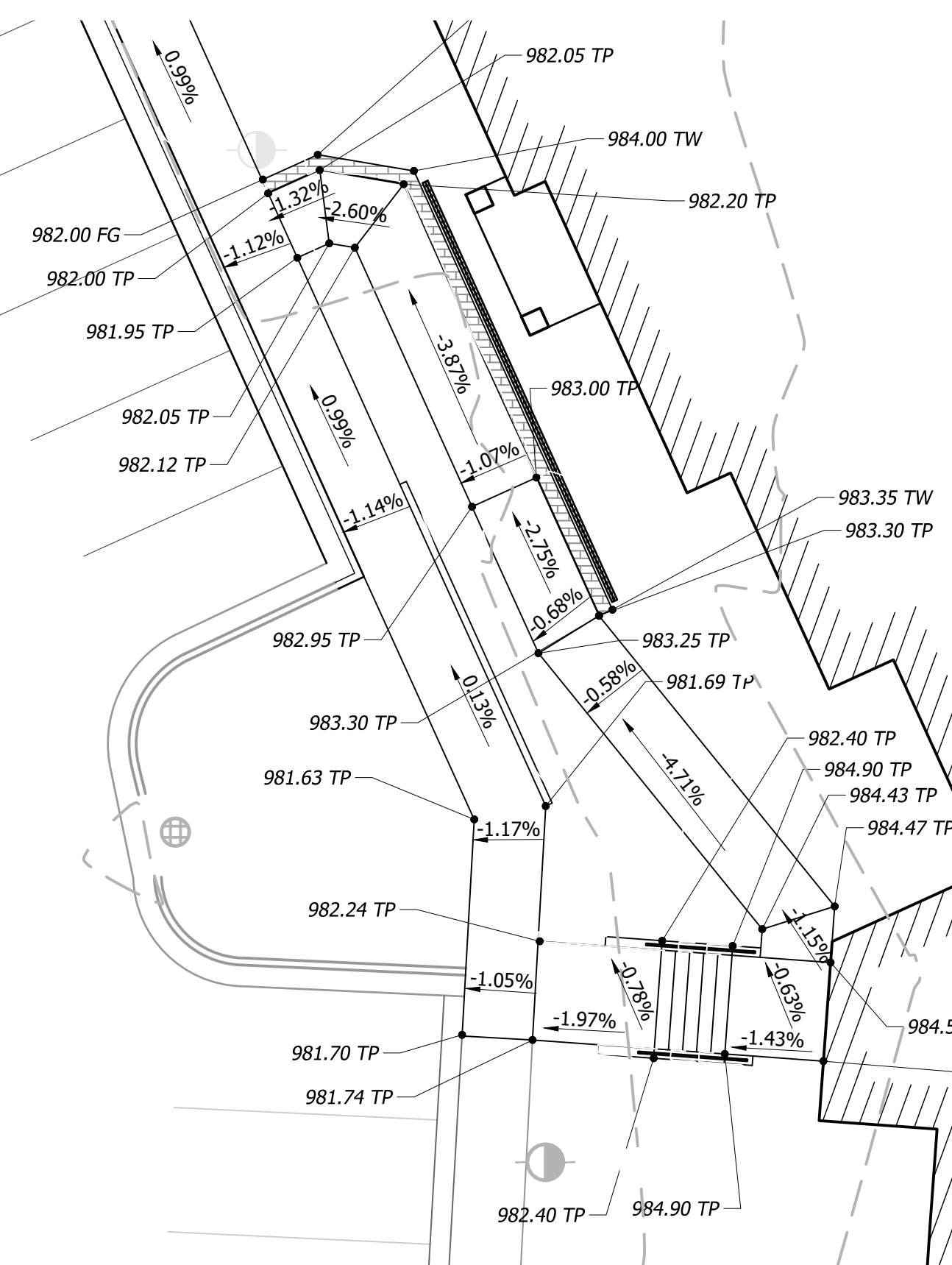
DETAILED GRADING LEGEND

0000.00 FG	FINISHED GRADE ELEVATION
0000.00 TC	TOP OF CURB ELEVATION
0000.00 TP	TOP OF PAVEMENT ELEVATION
0000.00 TW	FG @ TOP OF RETAINING WALL
0000.00 BW	FG @ BOTTOM OF RETAINING WALL
0000.00 ME	MATCH EXISTING GRADE
0000.00 TE	TOP ELEVATION OF STRUCTURE
<u>1.00%</u>	SLOPE INDICATOR

EAST SECTION



SOUTHWEST SECTION



FINAL DEVELOPMENT PLAN

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3	Addendum 1 3/7/2024

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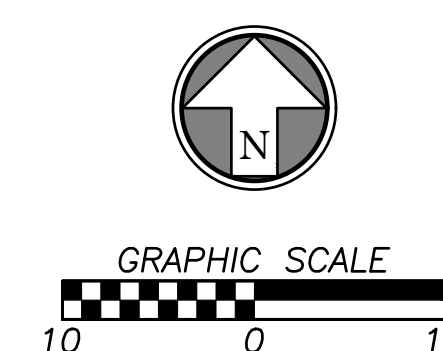
ADA GRADING PLAN

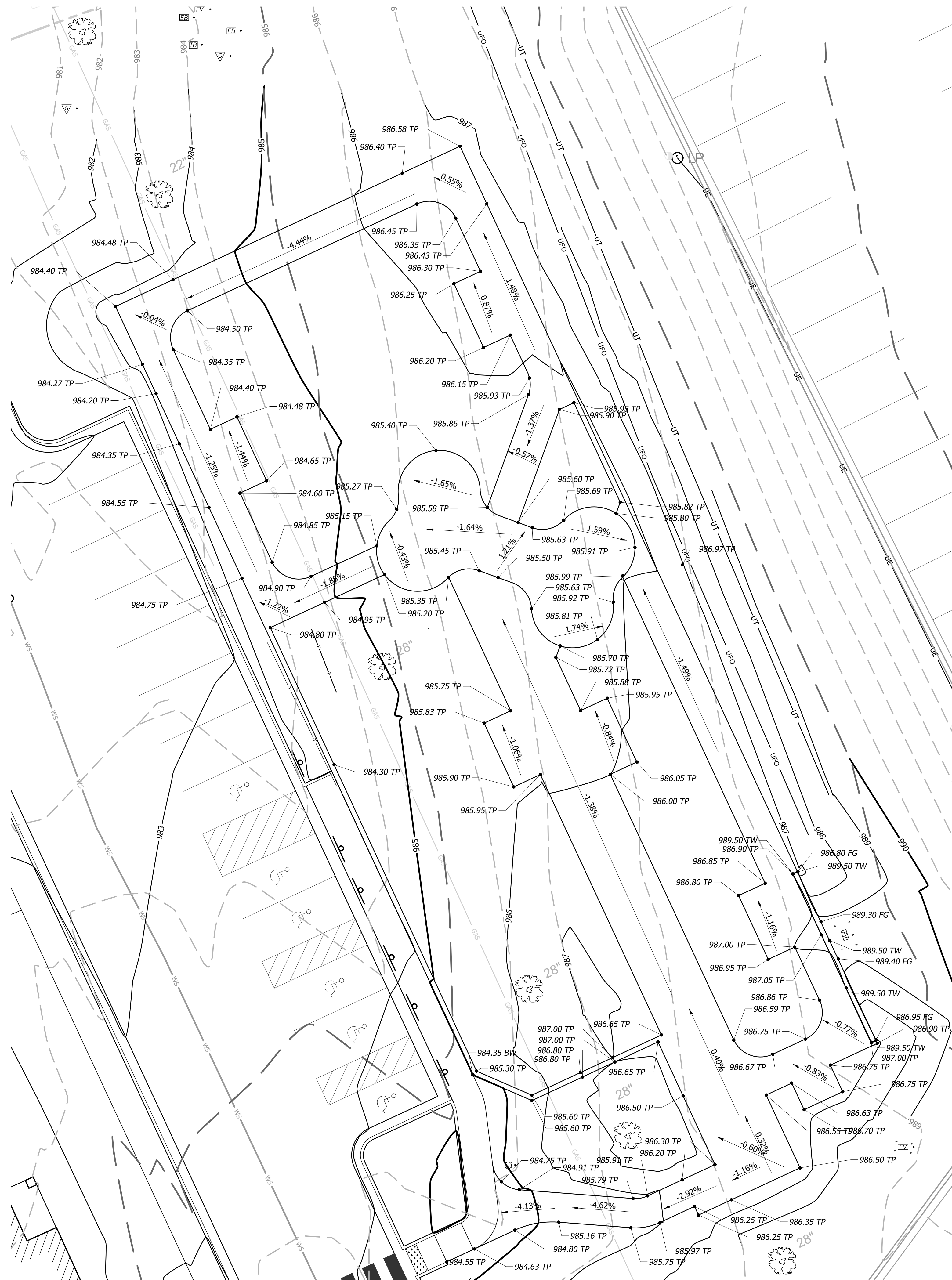
DATE: December 1, 2023

COMM. NO. 23104.0

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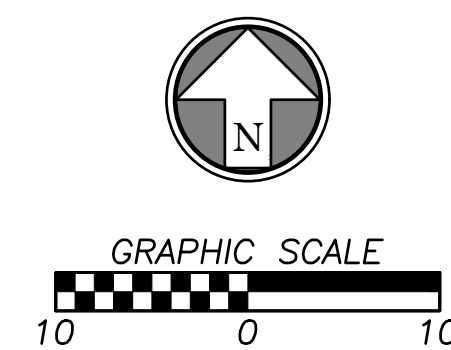
C4.2



DOGPARK SECTION

DETAILED GRADING LEGEND

0000.00 FG	FINISHED GRADE ELEVATION
0000.00 TC	TOP OF CURB ELEVATION
0000.00 TP	TOP OF PAVEMENT ELEVATION
0000.00 TW	FG @ TOP OF RETAINING WALL
0000.00 BW	FG @ BOTTOM OF RETAINING WALL
0000.00 ME	MATCH EXISTING GRADE
0000.00 TE	TOP ELEVATION OF STRUCTURE
1.00%	SLOPE INDICATOR



BID ALTERNATE 1



FINAL DEVELOPMENT PLAN

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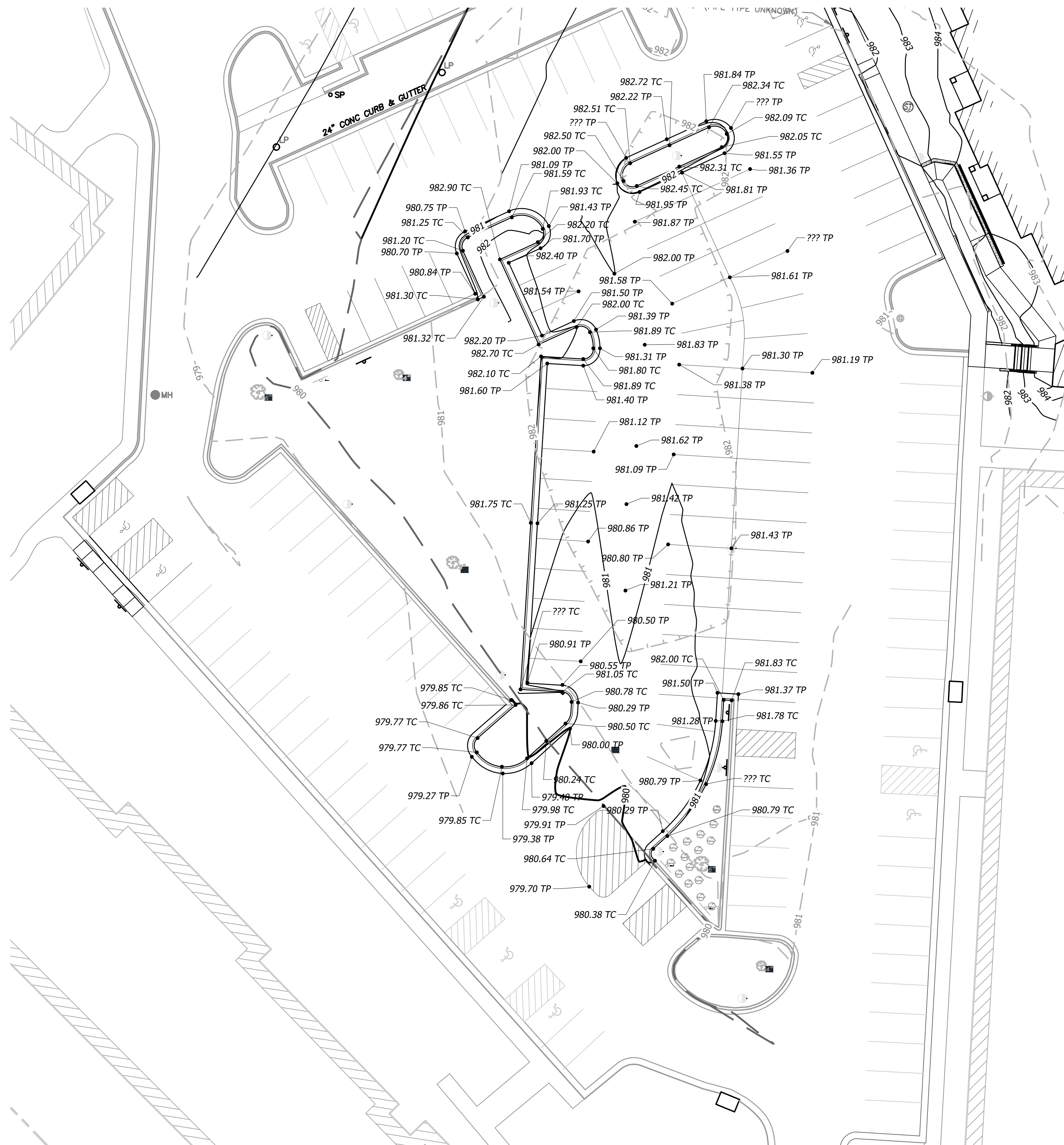
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ENGINEER : ERB	APPROVED : ERB
NO.	REVISION DESCRIPTION DATE
1	FDP RESUBMITTAL 2/23/2024
3	Addendum 1 3/7/2024

DRAWING TITLE

DOG PARK DETAILED GRADING PLAN

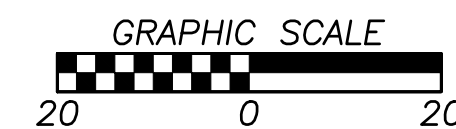
DATE:	December 1, 2023	DRAWING C4.3
COMM. NO.	23104.00	

SOUTHWEST PARKING LOT



DETAILED GRADING LEGEND

0000.00 FG FINISHED GRADE ELEVATION
0000.00 TC TOP OF CURB ELEVATION
0000.00 TP TOP OF PAVEMENT ELEVATION
0000.00 TW FG @ TOP OF RETAINING WALL
0000.00 BW FG @ BOTTOM OF RETAINING WALL
0000.00 ME MATCH EXISTING GRADE
0000.00 TE TOP ELEVATION OF STRUCTURE
1.00% SLOPE INDICATOR



BID ALTERNATE 2



FINAL
DEVELOPMENT PLAN

PROJECT TITLE



COURTYARDS - BUILDING E



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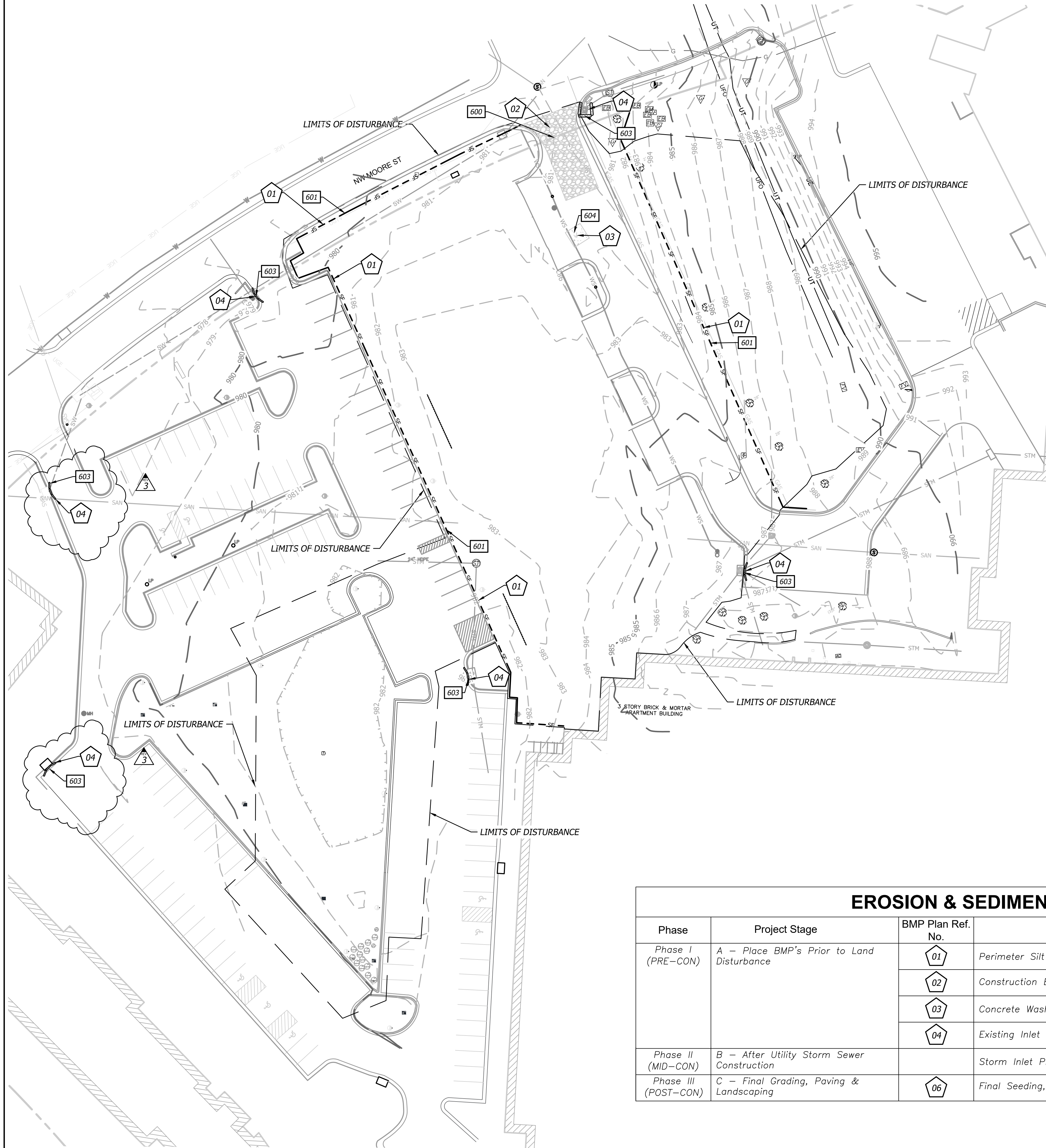
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NO.	REVISION DESCRIPTION	DATE
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3	Addendum 1	3/7/2024

DRAWING TITLE

PARKING LOT DETAILED
GRADING PLAN

DATE: December 1, 2023	DRAWING
COMM. NO. 23104.00	C4.4

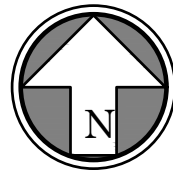


EROSION AND SEDIMENT CONTROL GENERAL NOTES

- Prior to Land Disturbance activities, the contractor shall:
 - Delineate the outer limits of any natural stream corridor designated with construction fencing.
 - Install perimeter controls and request the inspection of the pre-construction erosion and sediment control measures designated on the approved erosion and sediment control plan. Land disturbance work shall not proceed until there is a satisfactory inspection.
 - Identify the limits of construction on the ground with easily recognizable indications such as construction staking, construction fencing, and placement of physical barriers or other means acceptable to the City inspector and in conformance with the erosion and sediment control plan.
- The contractor shall comply with all requirements of the Storm Water Pollution Prevention Plan, including but not limited to:
 - The contractor shall seed, mulch, or otherwise stabilize any disturbed area where the land disturbance activity has ceased for more than 14 days.
 - The contractor shall perform inspections of erosion and sediment control measures at the following minimum intervals:
 - During active construction phases - at least once per week
 - During periods of inactivity - at least once per 14 days
 - After each rainfall event of ½ inch or more - within 24 hours of the rain event
 - The contractor shall maintain an inspection log including the inspector's name, date of inspection, observations as to the effectiveness of the erosion and sediment control measures, actions necessary to correct deficiencies, when the deficiencies were corrected, and the signature of the person performing the inspection. The inspection log shall be available for review by the regulatory authority.
 - The contractor shall have the erosion and sediment control plan routinely updated to show all changes and amendments to the plan. A copy of the erosion and sediment control plan shall be kept on site and made available for review by the regulatory authority.
- Unless otherwise noted in the plans, all seeding must conform to Division II-Construction and Materials Specification-Section 2150 published by the Kansas City Metropolitan Chapter of the American Public Works Association dated May 21, 2008. Permanent seeding shall be installed after completion of final grading except when seeding will occur outside of the acceptable seeding season as specified in Section 2150. When temporary seeding is installed, permanent seeding shall be installed at the next seeding season. Temporary seeding shall not be used as a stabilization measure for a period exceeding 12 months. The Permit will not be closed until permanent seeding has been established to a minimum of 70% density over the entire disturbed area.
- The contractor shall maintain installed erosion and sediment control devices in a manner that preserves their effectiveness for preventing sediment from leaving the site or entering a sensitive area such as a natural stream corridor, areas of the site intended to be left undisturbed, a storm sewer, or an on-site drainage channel.
- The contractor is responsible for providing erosion and sediment control for the duration of a project. If the City determines that the BMPs in place do not provide adequate erosion and sediment control at any time during the project, the contractor shall install additional or alternate measures that provide effective control.
- Concrete wash or rinse water from concrete mixing equipment, tools and/or ready-mix trucks, tools, etc. may not be discharged into or be allowed to run directly into any existing water body or storm inlet. One or more locations for concrete wash out will be designated on site, such that discharges during concrete washout will be contained in a small area where waste concrete can solidify in place.
- Chemicals or materials capable of causing pollution may only be stored onsite in their original container. Materials stored outside must be in closed and sealed water-proof containers and located outside of drainage ways or areas subject to flooding. Locks and other means to prevent or reduce vandalism must be used. Spills will be reported as required by law and immediate actions taken to contain them.
- Silt fences and erosion control BMPs which are shown along the back of curb must be installed within two weeks of curb backfill and prior to placement of base asphalt. Exact locations of these erosion control methods may be field adjusted to minimize conflicts with utility construction; however, anticipated disturbance by utility construction shall not delay installation.
- Interior Silt Fence as necessary during construction. Portions may be limited as vegetation is established and hardscape is installed. Entire length may be installed at the contractor's option to aid in stabilizing slopes.
- Private Erosion & Sediment Control inspections are required in accordance with NPDES schedule and requirements. After inspections, provide the City of Lee's Summit with reports and documentation.

EROSION CONTROL LEGEND

- DISTURBED AREA (1.73 AC)
- SF SILT/SEDIMENT FENCE
- INLET PROTECTION FILTER BAGS
- CONSTRUCTION ENTRANCE
- CONCRETE CLEANOUT



DETAILS

- SEE EROSION CONTROL DETAIL SHEET FOR THE FOLLOWING

- 600 TEMPORARY CONSTRUCTION ENTRANCE
- 601 FILTER FABRIC SILT FENCE
- 603 STORM INLET PROTECTION
- 604 CONCRETE WASH-OUT

EROSION & SEDIMENT CONTROL STAGING CHART

Phase	Project Stage	BMP Plan Ref. No.	BMP Description	Remove After Stage:	Notes:
Phase I (PRE-CON)	A – Place BMP's Prior to Land Disturbance	01	Perimeter Silt Fence	C	Place as shown on plan
		02	Construction Entrance & Staging Area	C	Place as shown on plan
		03	Concrete Wash-Out	C	Place as shown on plan
		04	Existing Inlet Protection	C	Place as shown on plan
Phase II (MID-CON)	B – After Utility Storm Sewer Construction		Storm Inlet Protection	C	Place as shown on plan
Phase III (POST-CON)	C – Final Grading, Paving & Landscaping	06	Final Seeding, Sod, and Landscaping	N/A	Silt fencing & inlet protect may be removed once seed & sodded areas are established on 80% of site.



**FINAL
DEVELOPMENT PLAN**

PROJECT TITLE



COURTYARDS - BUILDING E



Architecture
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Planning
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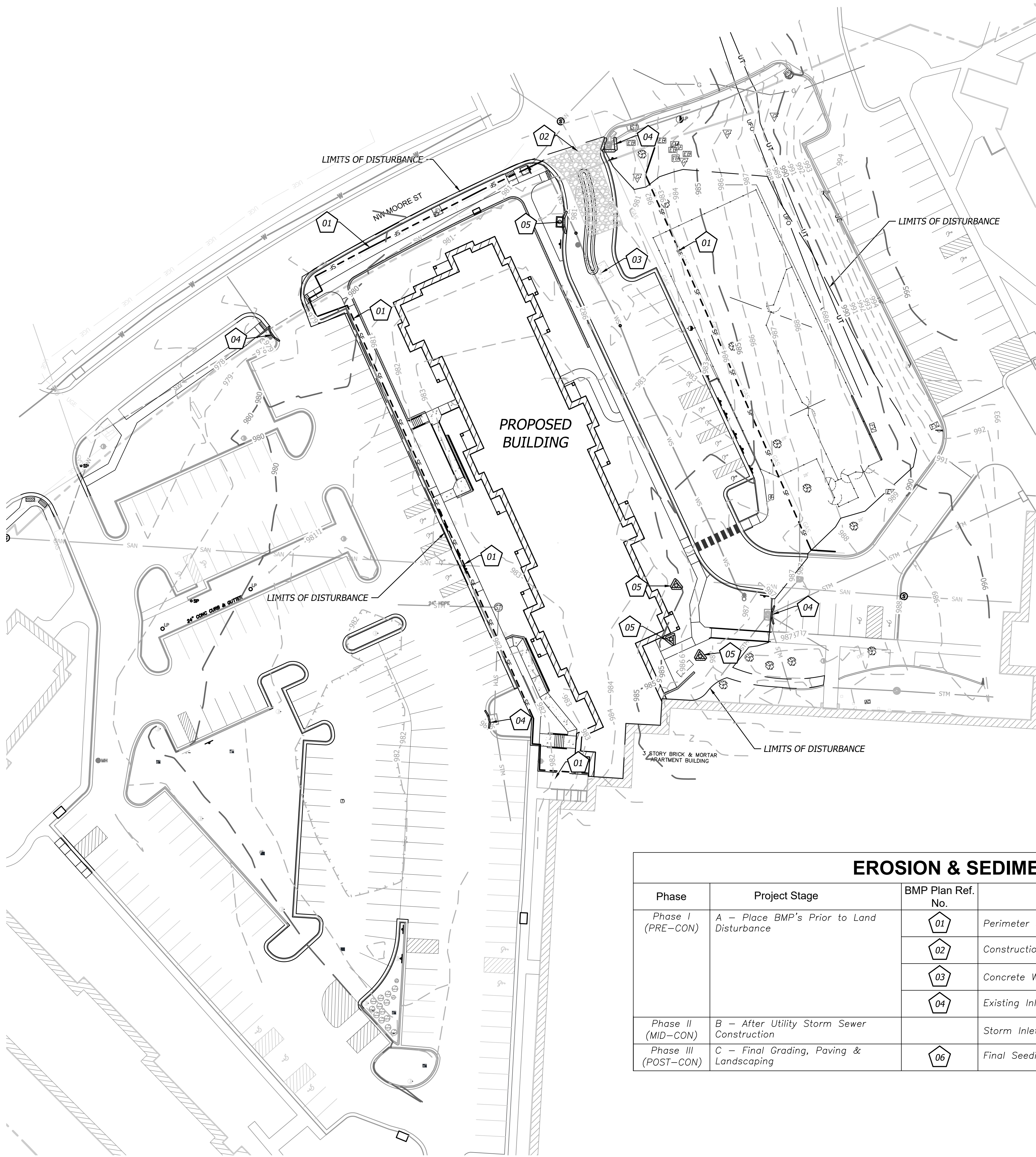
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3	Addendum 1		3/7/2024

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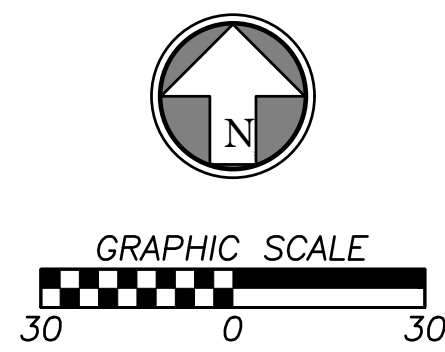
**PRE-CONSTRUCTION
EROSION CONTROL PLAN**

DATE: December 1, 2023	DRAWING
COMM. NO. 23104.00	C5.0



- EROSION CONTROL LEGEND**
- DISTURBED AREA (1.73 AC)
 - SF SILT/SEDIMENT FENCE
 - INLET PROTECTION FILTER BAGS
 - CONSTRUCTION ENTRANCE
 - CONCRETE CLEANOUT

- DETAILS**
- SEE EROSION CONTROL DETAIL SHEET FOR THE FOLLOWING
 - 600 TEMPORARY CONSTRUCTION ENTRANCE
 - 601 FILTER FABRIC SILT FENCE
 - 603 STORM INLET PROTECTION
 - 604 CONCRETE WASH-OUT



EROSION & SEDIMENT CONTROL STAGING CHART					
Phase	Project Stage	BMP Plan Ref. No.	BMP Description	Remove After Stage:	Notes:
Phase I (PRE-CON)	A – Place BMP's Prior to Land Disturbance	01	Perimeter Silt Fence	C	Place as shown on plan
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		03	Concrete Wash-Out	C	Place as shown on plan
		04	Existing Inlet Protection	C	Place as shown on plan
Phase II (MID-CON)	B – After Utility Storm Sewer Construction		Storm Inlet Protection	C	Place as shown on plan
Phase III (POST-CON)	C – Final Grading, Paving & Landscaping	06	Final Seeding, Sod, and Landscaping	N/A	Silt fencing & inlet protect may be removed once seed & sodded areas are established on 80% of site.



FINAL
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COURTYARDS - BUILDING E



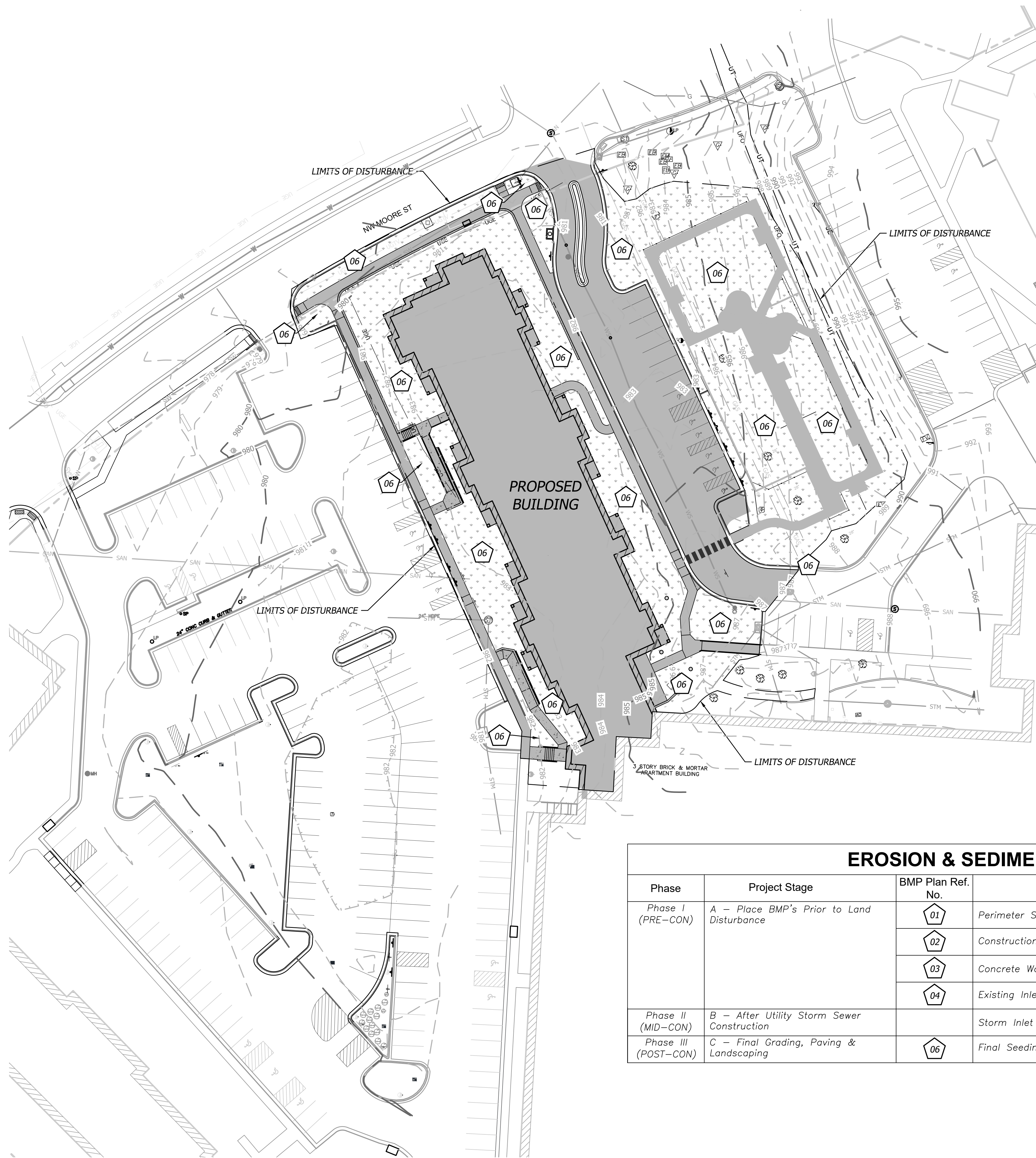
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MID-CONSTRUCTION
EROSION CONTROL PLAN

DATE: December 1, 2023	DRAWING
COMM. NO. 23104.00	C5.1



EROSION CONTROL LEGEND

— DISTURBED AREA (1.73 AC)
FINAL SEEDING (SOD &/OR LANDSCAPING)
IMPERVIOUS AREA (0.87 AC)

GRAPHIC SCALE
30 0 30

EROSION & SEDIMENT CONTROL STAGING CHART					
Phase	Project Stage	BMP Plan Ref. No.	BMP Description	Remove After Stage:	Notes:
Phase I (PRE-CON)	A – Place BMP's Prior to Land Disturbance	01	Perimeter Silt Fence	C	Place as shown on plan
		02	Construction Entrance & Staging Area	C	Place as shown on plan
		03	Concrete Wash-Out	C	Place as shown on plan
		04	Existing Inlet Protection	C	Place as shown on plan
Phase II (MID-CON)	B – After Utility Storm Sewer Construction		Storm Inlet Protection	C	Place as shown on plan
Phase III (POST-CON)	C – Final Grading, Paving & Landscaping	06	Final Seeding, Sod, and Landscaping	N/A	Silt fencing & inlet protect may be removed once seed & sodded areas are established on 80% of site.



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FINAL
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PROJECT TITLE

John Knox Village
COURTYARDS - BUILDING E

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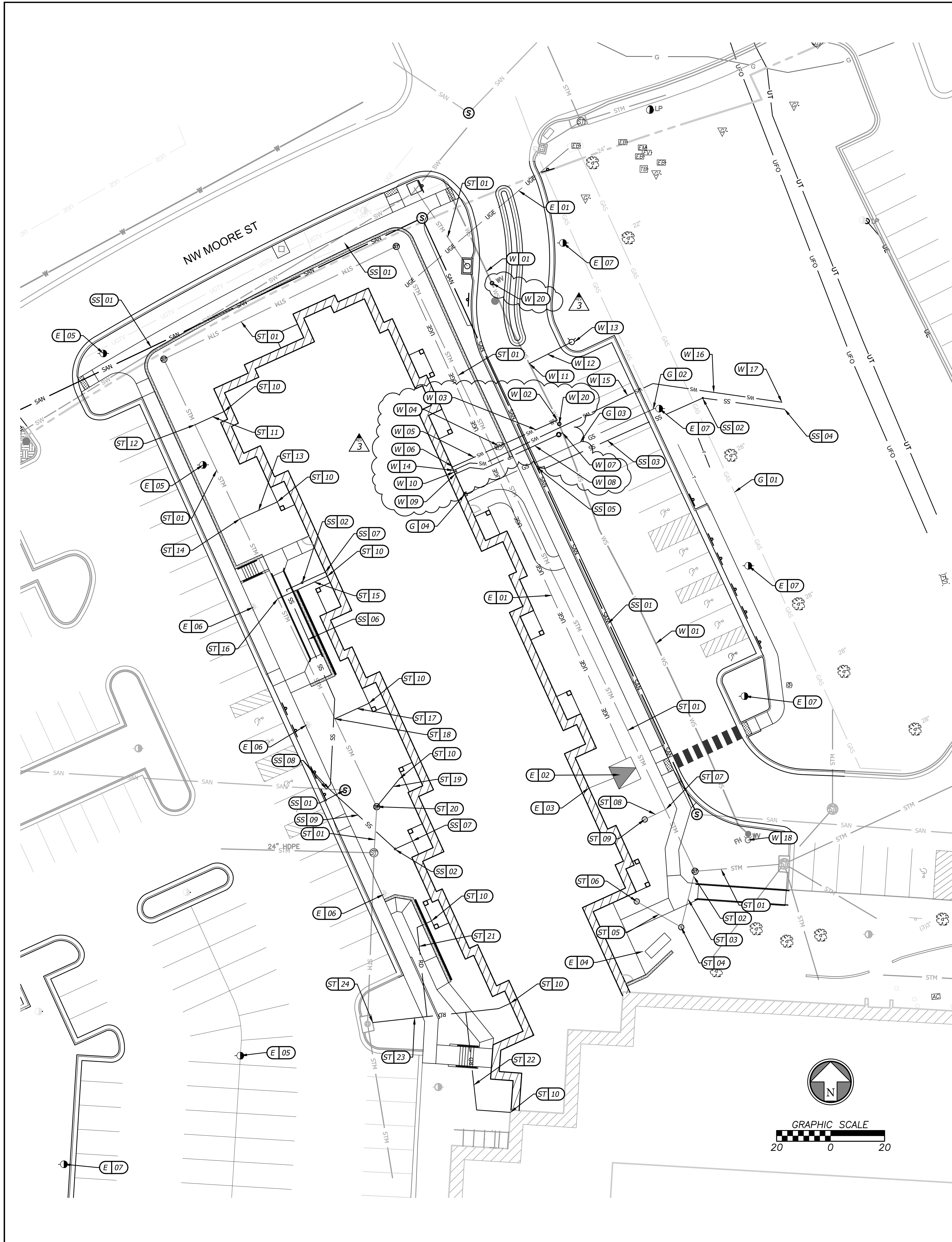
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NO.	REVISION DESCRIPTION	DATE
1	FDP RESUBMITTAL	2/16/2024

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POST-CONSTRUCTION
EROSION CONTROL PLAN

DATE: December 1, 2023	DRAWING
COMM. NO. 23104.00	C5.2



UTILITY CONSTRUCTION NOTES

- W - WATER SERVICE INFORMATION - LEE'S SUMMIT WATER UTILITIES
- 01 EXISTING 6" WATER MAIN LINE.
 - 02 CONNECT TO WATER MAIN WITH 2" CORPORATION STOP; REFER TO CONNECTION DETAIL.
 - 03 INSTALL 22 LF OF 2" TYPE K COPPER SERVICE LINE WITH MINIMUM DEPTH OF COVER OF 42".
 - 04 INSTALL 2" METER IN PIT AND 2"x3" REDUCER AFTER METER.
 - 05 INSTALL 21 LF OF 3" SERVICE LINE WITH MINIMUM DEPTH OF COVER OF 42". THE FIRST 10' OF PIPE BEYOND THE METER SHALL BE COPPER AND THE REMAINING PIPE CAN BE C-900.
 - 06 CONNECT WATER SERVICE TO BUILDING; SEE PLUMBING PLANS.
 - 07 CONNECT TO WATER MAIN WITH 6"x6" TEE AND 6" GATE VALVE.
 - 08 INSTALL 43 LF OF 6" C-900 FIRE PROTECTION LINE WITH MINIMUM DEPTH OF COVER OF 42".
 - 09 CONNECT FIRE PROTECTION LINE TO BUILDING PLUMBING ; SEE MEP PLANS.
 - 10 FIRE DEPARTMENT CONNECTION.
 - 11 CONNECT TO WATER MAIN WITH 6"x6" TEE AND 6" GATE VALVE.
 - 12 INSTALL 18 LF OF 6" C-900 FIRE PROTECTION LINE WITH MINIMUM DEPTH OF COVER OF 42"
 - 13 INSTALL FIRE HYDRANT ASSEMBLY.
 - 14 PICK UP 3/4" WATER SERVICE STUB FROM BUILDING; SEE PLUMBING PLANS (BID ALTERNATE 1)
 - 15 INSTALL 79 LF OF 3/4" COPPER WATER SERVICE WITH MINIMUM DEPTH OF COVER OF 42" (BID ALTERNATE 1)
 - 16 INSTALL 51 LF OF 3/4" COPPER WATER SERVICE WITH MINIMUM DEPTH OF COVER OF 42" (BID ALTERNATE 1)
 - 17 CONNECT WATER SERVICE TO DOG WATER FOUNTAIN; SEE INSTALLATION GUIDE (BID ALTERNATE 1)
 - 18 EXISTING FIRE HYDRANT ASSEMBLY.
- 20 ADJUST VALVE FROM EXISTING TO PROPOSED ELEVATION PER GRADING PLAN

- E - ELECTRIC SERVICE INFORMATION - EVERY
- 01 CONTRACTOR TO INSTALL PRIMARY UNDERGROUND ELECTRIC SERVICE FROM EXISTING ELECTRIC STRUCTURE TO TRANSFORMER PAD.
 - 02 PROPOSED TRANSFORMER PAD.
 - 03 CONTRACTOR TO INSTALL SECONDARY UNDERGROUND ELECTRIC SERVICE LINE FROM PROPOSED TRANSFORMER TO BUILDING; REF. ELECTRICAL PLAN.
 - 04 PROPOSED GENERATOR; REFER TO MEP
 - 05 PROPOSED RELOCATED LIGHT POLE; REFER TO MEP
 - 06 EXISTING LIGHT POLE TO REMAIN; REFER TO MEP
 - 07 PROPOSED LIGHT POLE; REFER TO MEP

- G - GAS SERVICE INFORMATION - SPIRE
- 01 EXISTING 4" GAS MAIN.
 - 02 TAP EXISTING GAS MAIN FOR SERVICE LINE; COORDINATE W/ SPIRE.
 - 03 INSTALL 72 LF GAS SERVICE LINE.
 - 04 GAS CONNECTION TO BLDG.; RE: PLUMBING PLAN.

- ST - STORM SEWER INFORMATION - LEE'S SUMMIT PUBLIC WORKS
- 01 STORM SEWER LINE; RE: SHEET C6.2
 - 02 CONNECT TO STORM STRUCTURE; FL = 981.00
 - 03 INSTALL 21 LF 6" HDPE @ 2% SLOPE
 - 04 INSTALL 12" NYLOPLAST DRAIN BASIN WITH DOME GRATE; RIM = 984.00; FL = 981.42
 - 05 INSTALL 19 LF 6" HDPE @ 2% SLOPE
 - 06 INSTALL 8" NYLOPLAST DRAIN BASIN WITH DOME GRATE; RIM = 984.20; FL = 981.80
 - 07 CONNECT TO STORM PIPE WITH INSERT A TEE; FL = 980.00
 - 08 INSTALL 8 LF 6" HDPE @ 2% SLOPE
 - 09 INSTALL 12" NYLOPLAST DRAIN BASIN WITH DOME GRATE; RIM = 983.50; FL = 980.16
 - 10 CONNECT ROOF DRAIN LINE TO BUILDING PLUMBING; REFER TO MEP
 - 11 INSTALL 12 LF 4" HDPE @ MIN. 2% SLOPE
 - 12 CONNECT TO STORM PIPE WITH INSERT A TEE; FL = 977.47
 - 13 INSTALL 15 LF 4" HDPE @ MIN. 2% SLOPE
 - 14 CONNECT TO STORM PIPE WITH INSERT A TEE; FL = 977.18
 - 15 INSTALL 20 LF 4" HDPE @ MIN. 2% SLOPE
 - 16 CONNECT TO STORM PIPE WITH INSERT A TEE; FL = 976.94
 - 17 INSTALL 14 LF 4" HDPE @ MIN. 2% SLOPE
 - 18 CONNECT TO STORM PIPE WITH INSERT A TEE; FL = 976.57
 - 19 INSTALL 14 LF 6" HDPE @ MIN. 2% SLOPE
 - 20 CONNECT TO STORM STRUCTURE; FL = 977.63
 - 21 INSTALL 40 LF 6" HDPE @ MIN. 2% SLOPE
 - 22 INSTALL 50 LF 6" HDPE @ MIN. 2% SLOPE
 - 23 INSTALL 50 LF 4" HDPE @ MIN. 2% SLOPE
 - 24 CONNECT TO STORM STRUCTURE; FL = 977.50

- SS - SANITARY SEWER INFORMATION - LEE'S SUMMIT PUBLIC WORKS
- 01 RELOCATED SANITARY SEWER MAIN; RE: SHEET C6.1
 - 02 INSTALL SANITARY SEWER CLEANOUT
 - 03 INSTALL 98 LF OF 4" PVC-SDR26 SANITARY SERVICE LINE @ 2% MIN. SLOPE (BID ALTERNATE 1)
 - 04 CONNECT SANITARY LINE TO DOG WATER FOUNTAIN; REFER TO INSTALLATION GUIDE (BID ALTERNATE 1)
 - 05 CONNECT TO SANITARY MAIN WITH 8"x4" WYE; FL = 971.52 (BID ALTERNATE 1)
 - 06 INSTALL 95 LF OF 6" PVC-SDR26 SANITARY SERVICE LINE @ 1% MIN. SLOPE
 - 07 CONNECT TO BUILDING PLUMBING; REFER TO MEP
 - 08 CONNECT TO SANITARY MAIN WITH 8"x6" WYE; FL = 970.00
 - 09 INSTALL 40 LF OF 6" PVC-SDR26 SANITARY SERVICE LINE @ 1% MIN. SLOPE

UTILITY CONTACTS
CITY OF LEE'S SUMMIT, MO

PLANNING AND DEVELOPMENT CITY HALL 220 SE GREEN STREET LEE'S SUMMIT, MO 64063 TEL: (816) 969-1600 FAX: (816) 969-1619	CODES ADMINISTRATION CITY HALL 220 SE GREEN STREET LEE'S SUMMIT, MO 64063 TEL: (816) 969-1200 FAX: (816) 969-1201	ELECTRIC COMPANY EVERGY TEL: (888) 471-5275	PLANNING AND DEVELOPMENT CITY HALL 220 SE GREEN STREET LEE'S SUMMIT, MO 64063 TEL: (816) 969-1600 FAX: (816) 969-1619
PUBLIC WORKS CITY HALL 220 SE GREEN STREET LEE'S SUMMIT, MO 64063 TEL: (816) 969-1800 FAX: (816) 969-1809	WATER UTILITIES CITY HALL 1200 SE HAMBLEN RD LEE'S SUMMIT, MO 64063 TEL: (816) 969-1900 FAX: (816) 969-1935	GAS COMPANY SPIRE TEL: (816) 756-5252	PUBLIC WORKS CITY HALL 220 SE GREEN STREET LEE'S SUMMIT, MO 64063 TEL: (816) 969-1800 FAX: (816) 969-1809

UTILITY NOTES

- 1. CONTRACTOR SHALL REFER TO ALL SPECIFICATIONS, GUIDELINES, AND INSTALLATION DRAWINGS FROM THE CITY OF LEE'S SUMMIT, EVERY, AND SPIRE FOR THE INSTALLATION OF ALL SERVICE LINES.
- 2. THE INFORMATION SHOWN ON THESE PLANS CONCERNING THE TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES FOR FIELD LOCATION OF ALL UNDERGROUND UTILITY LINES PRIOR TO ANY EXCAVATION AND FOR MAKING HIS OWN VERIFICATION AS TO TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.
- 3. CONTRACTOR TO ENSURE 6" MINIMUM SEPARATION BETWEEN UTILITIES AT CROSSINGS. CONTRACTOR TO CALL CIVIL IF ANY CONFLICTS BETWEEN UTILITIES ARE FOUND.
- 4. FIRE LINE NOTES:
 - 4.1. ALL PRIVATE FIRE LINES SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 24, AND OTHER APPLICABLE CODES AND STANDARDS.
 - 4.2. CONTACT THE FIRE DEPARTMENT TO SCHEDULE INSPECTIONS PRIOR TO PRIVATE FIRE LINES BEING BACKFILLED.
 - 4.3. CONTACT THE FIRE DEPARTMENT TO WITNESS SCHEDULED HYDROSTATIC TESTS AND FLUSHES OF PRIVATE FIRE LINES.
- 5. STUB ALL CONNECTIONS TO WITHIN 5' OF THE BUILDING TO PROVIDE CONNECTION INTO THE BUILDING BY MECHANICAL/PLUMBING CONTRACTOR.
- 6. CONTRACTOR TO ENSURE MIN. 18" VERTICAL SEPARATION BETWEEN UTILITIES AT CROSSING. CONTRACTOR TO CALL ENGINEER IF ANY CONFLICTS BETWEEN UTILITIES ARE FOUND.



**FINAL
DEVELOPMENT PLAN**

PROJECT TITLE



COURTYARDS - BUILDING E



SFCS Inc. = 1927 South Tryon St. - Suite 207
Charlotte, North Carolina 28203.4633
704.372.7327 = Fax 704.372.7369
www.sfcs.com

DESIGNER : DAS	DRAWN : ARK	
ARCHITECT : DAS	CHECKED : ERB	
ENGINEER : ERB	APPROVED : ERB	
NO.	REVISION DESCRIPTION	DATE
1	FDP RESUBMITTAL	2/23/2024
3	Addendum 1	3/7/2024

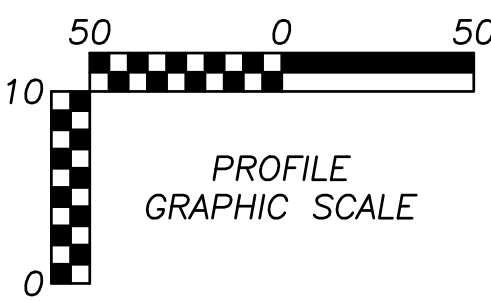
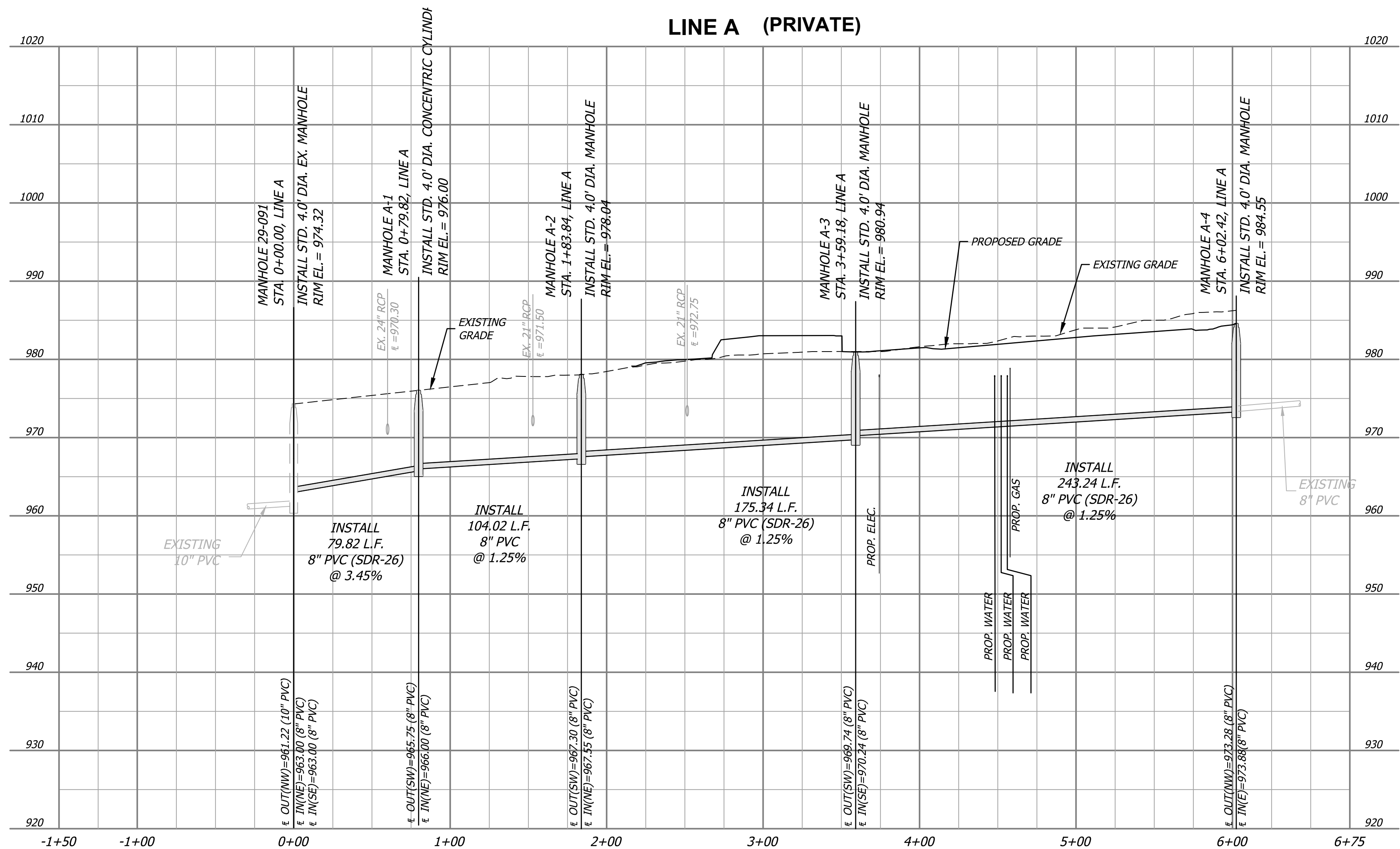
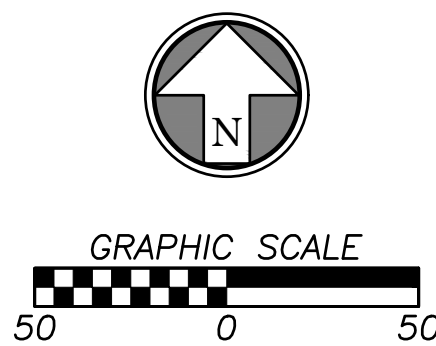
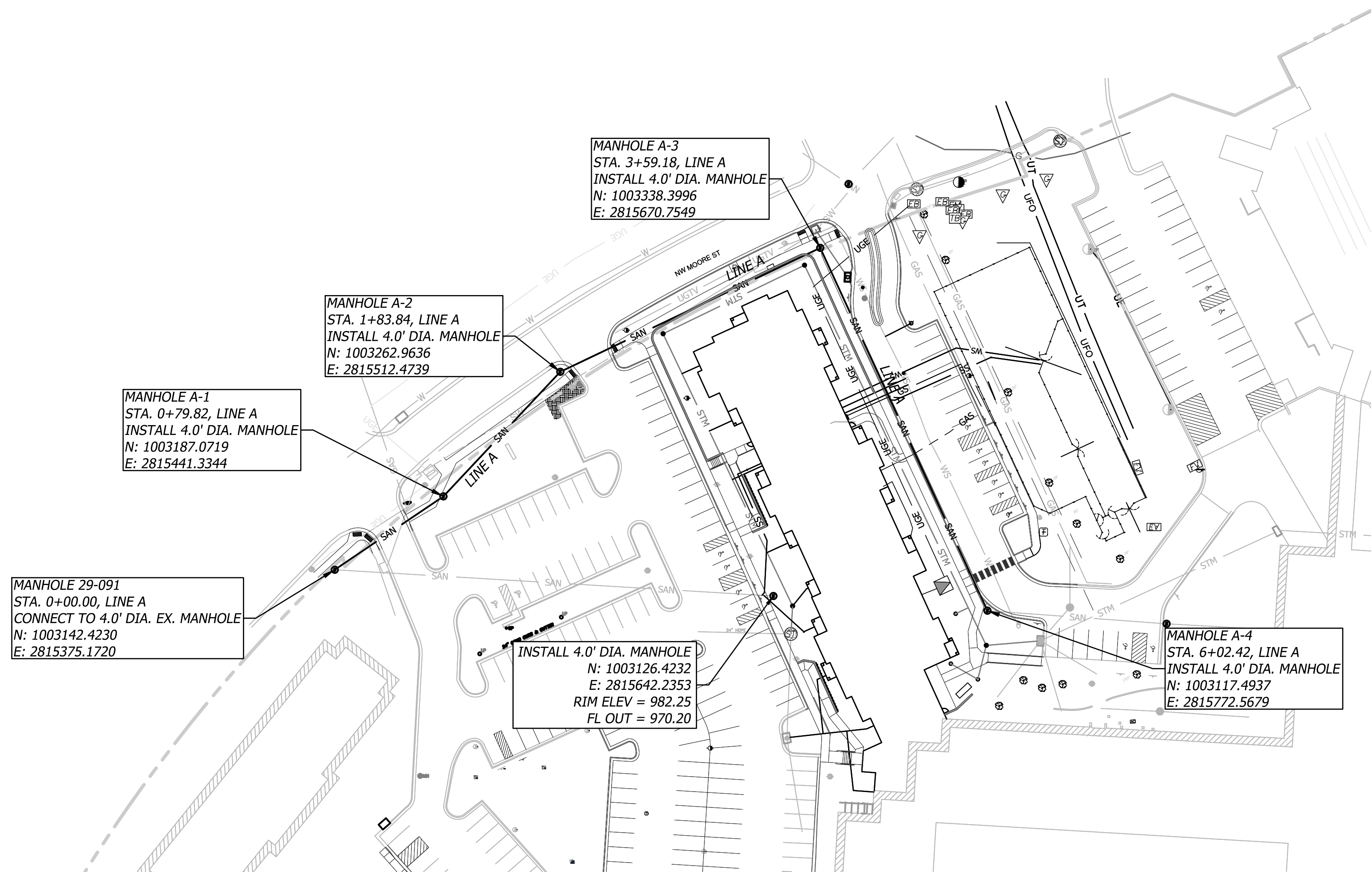
DRAWING TITLE

UTILITY PLAN

DATE: December 1, 2023	DRAWING
COMM. NO. 23104.00	C6.0

SANITARY NOTE

ALL NORTHINGS, EASTINGS, AND ALIGNMENT STATIONING
FOR SANITARY STRUCTURES ARE TO CENTER OF
STRUCTURE UNLESS STATED OTHERWISE.



FINAL
DEVELOPMENT PLAN

PROJECT TITLE



COURTYARDS - BUILDING E



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NO.	REVISION DESCRIPTION	DATE
1	FDP RESUBMITTAL	2/16/2024

DRAWING TITLE

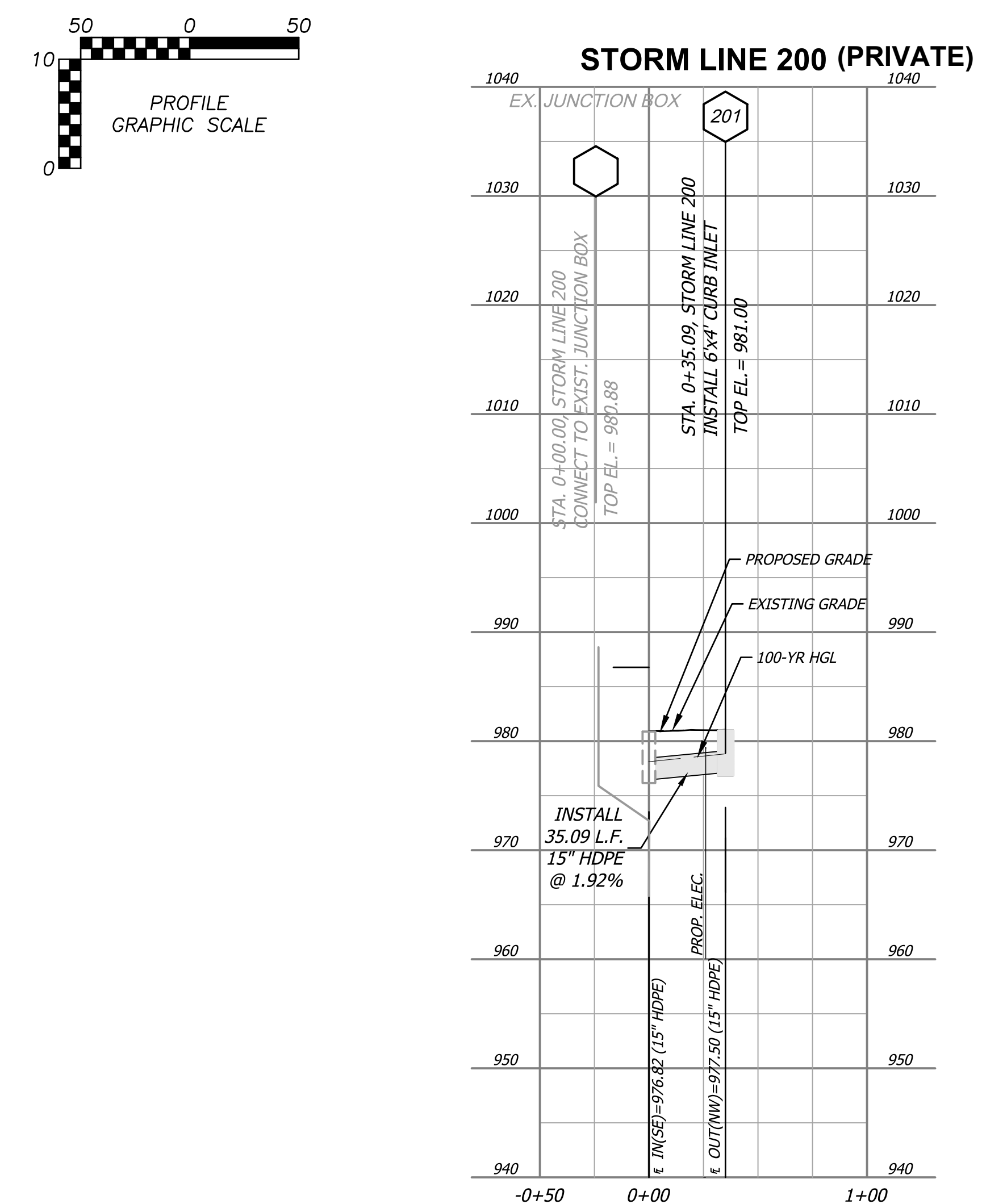
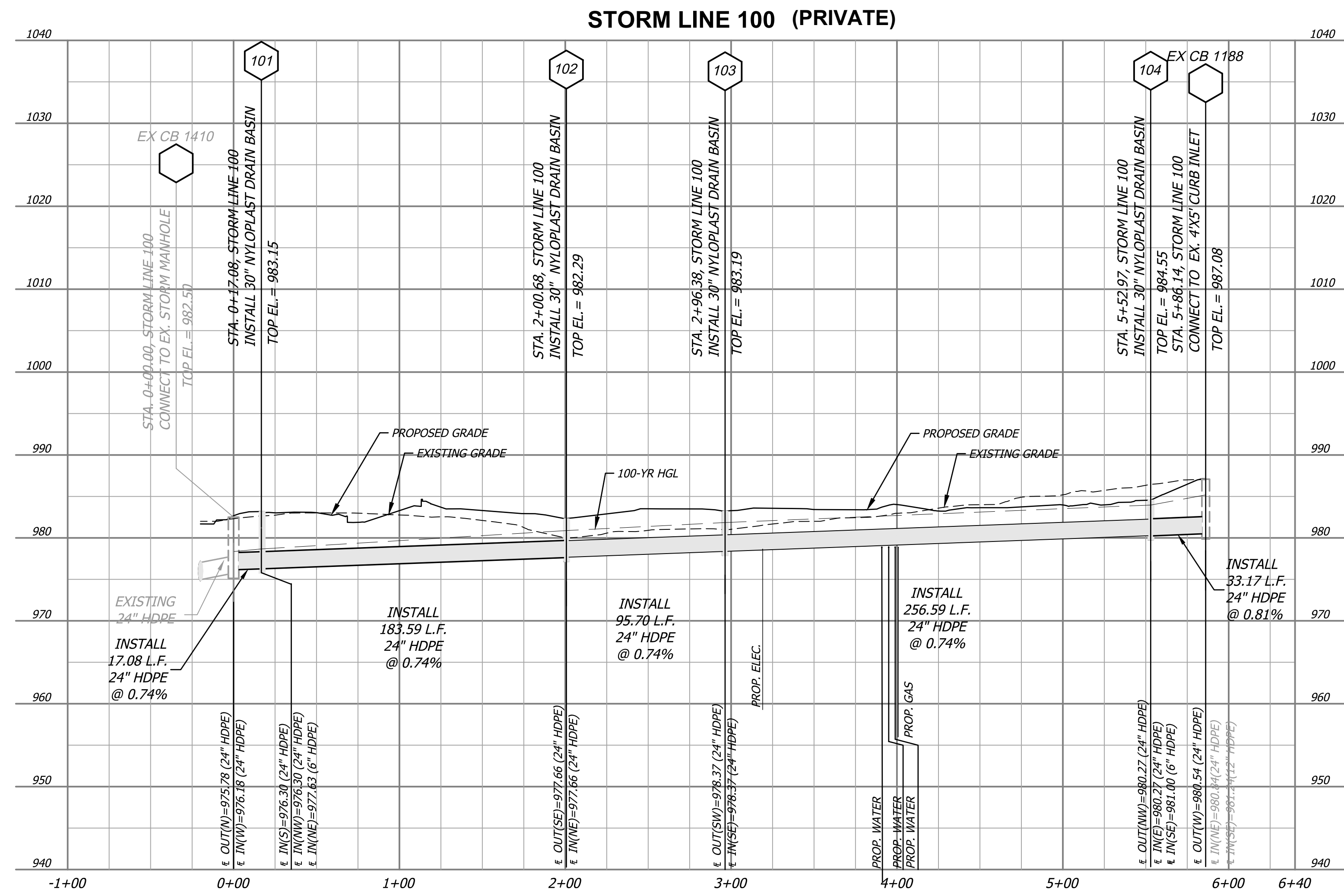
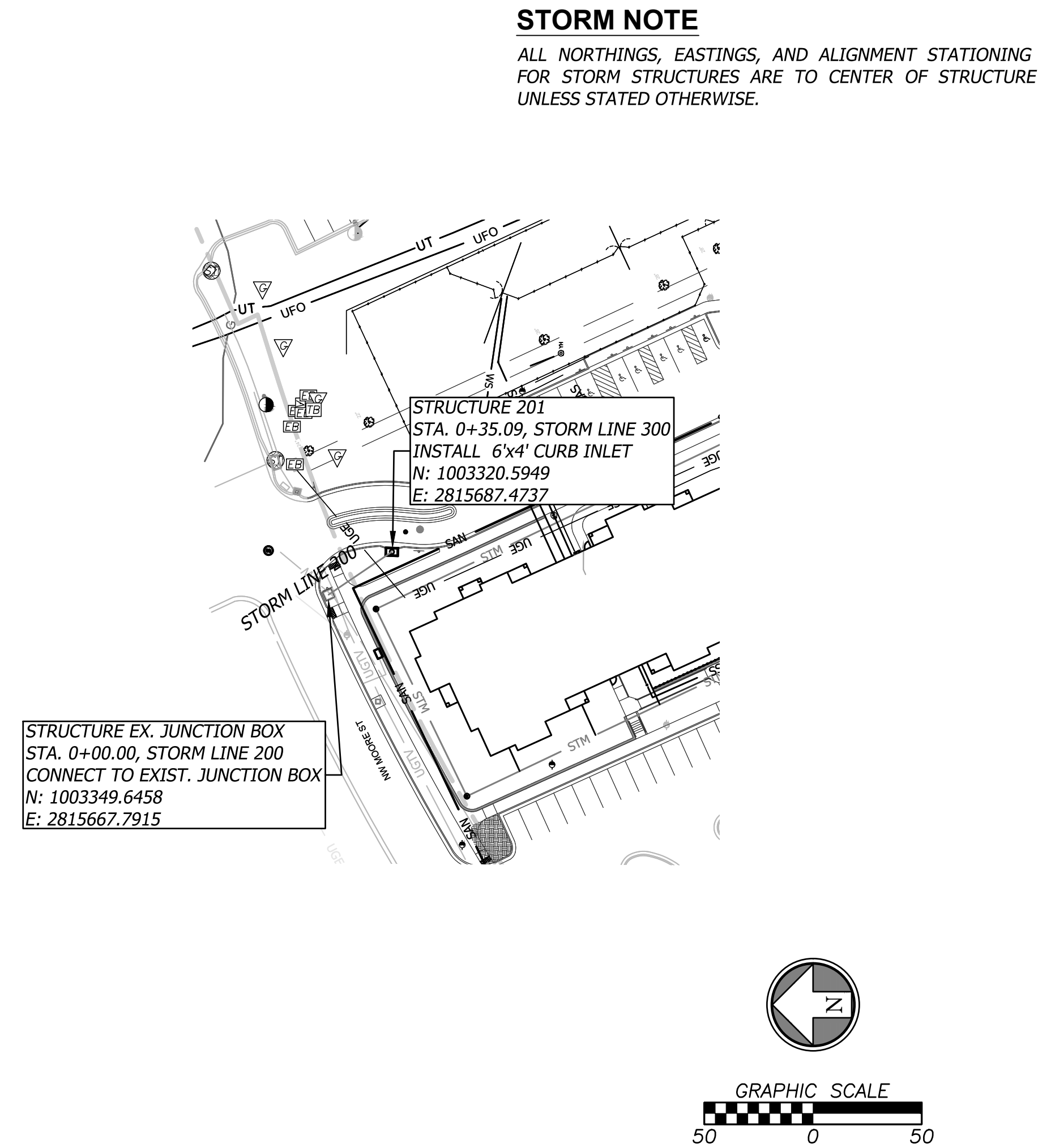
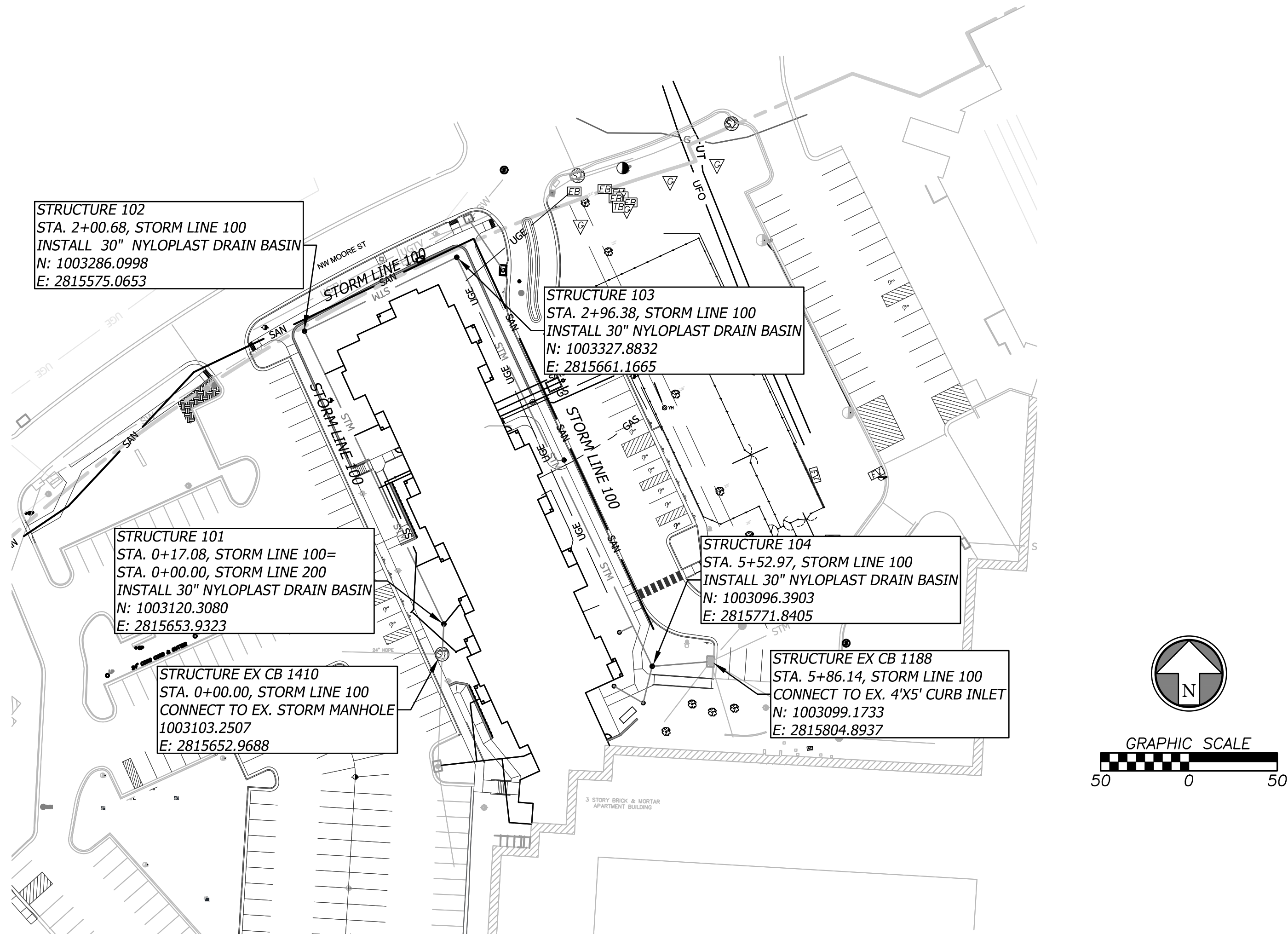
SANITARY PLAN & PROFILE

DATE: December 1, 2023

COMM. NO. 23104.00

DRAWING

C6.1



FINAL DEVELOPMENT PLAN



SFC**CS** Architecture
Engineering
Planning
Interiors

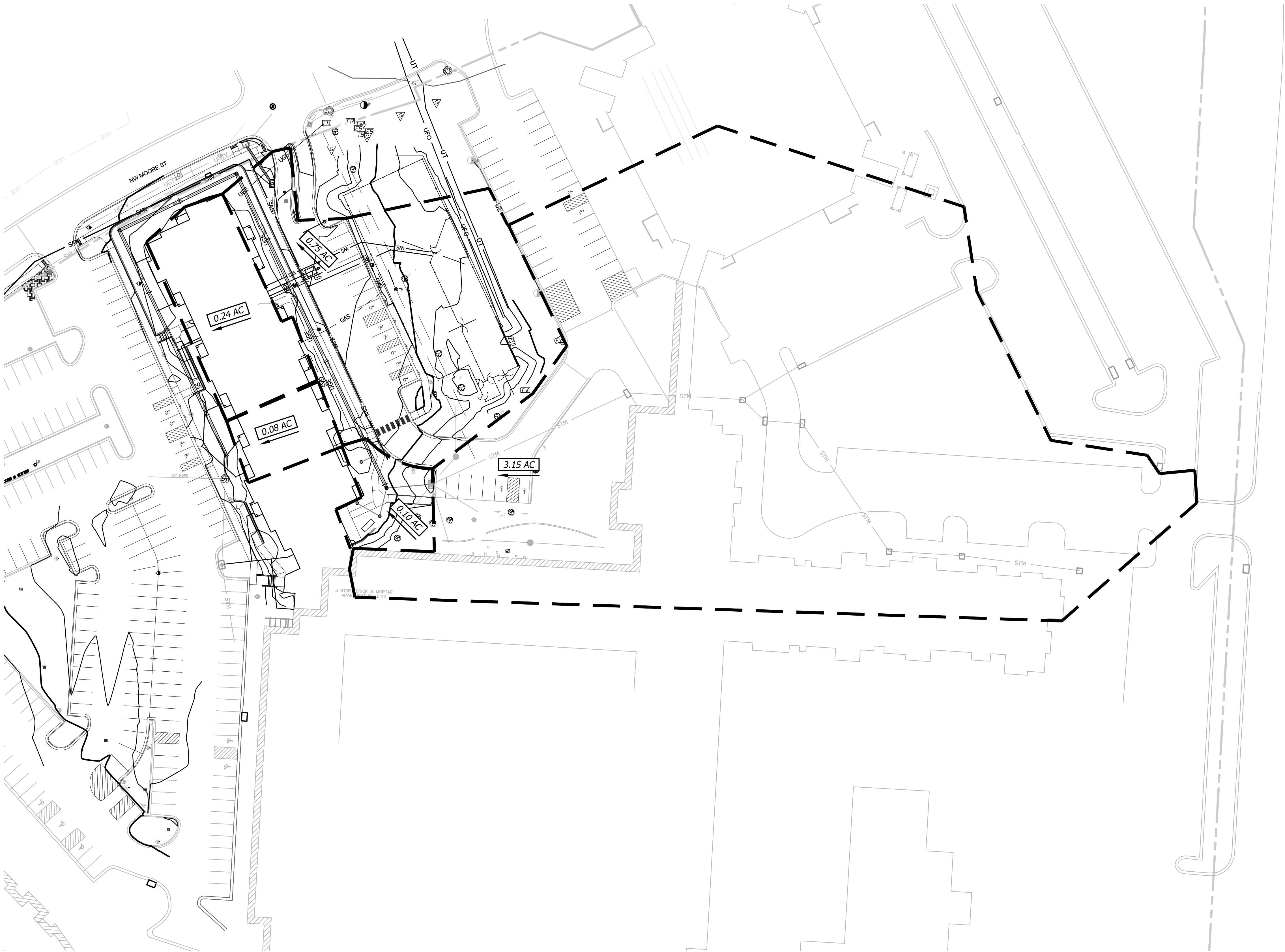
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ARCHITECT : DAS		CHECKED : ERB	
ENGINEER : ERB		APPROVED : ERB	
NO.	REVISION DESCRIPTION		DATE
1	FDP RESUBMITTAL		2/16/2024

STORM PLAN & PROFILE

DATE: December 1, 2023	DRAWING
COMM. NO. 23104.00	C6.2

Runoff Calculations							100-YR							Pipe Properties															
Inlet #	Area (acres)	"C" Value	Cumul. Area (acres)	Cumul. Cx A	Tc	Intensity	Runoff To Inlet	Cumul. Runoff	Pipe Cap.	Pipe Vel.	Up Piped Inlets	Up Piped Inlets	Up Area (acres)	Up Cx A	Up Inlet	Down Inlet	Pipe Type	"n" Value	Pipe Size	Length	Slope %	Drop In Inlet	FL Up	FL Down	Inlet Top	HGL Elev.			
LINE 100																							DS TAILWATER @ STR #EX CB 1410			FREE			
101	0.08	0.90	3.57	2.40	11.4	8.20	0.74	24.58	22.65	6.71			0.00	0.00	101	EX CB 1410	HDPE	0.012	24	17.08	0.74	0.00	976.31	976.18	983.15	978.58			
102	0.24	0.90	3.49	2.33	11.0	8.32	2.25	24.19	22.65	6.71			0.00	0.00	102	101	HDPE	0.012	24	183.59	0.74	0.00	977.66	976.31	982.29	980.75			
103	N/A	N/A	3.25	2.11	10.7	8.39	N/A	22.12	22.65	6.71			0.00	0.00	103	102	HDPE	0.012	24	95.70	0.74	0.00	978.37	977.66	983.19	981.84			
104	0.10	0.30	3.25	2.11	10.1	8.57	0.32	22.59	22.65	6.71			0.00	0.00	104	103	HDPE	0.012	24	256.59	0.74	0.00	980.27	978.37	984.55	984.34			
EX CB 1188	3.15	0.66	3.15	2.08	10.0	8.59	22.32	22.32	23.70	7.02			0.00	0.00	EX CB 1188	104	HDPE	0.012	24	33.17	0.81	N/A	980.54	980.27	987.08	985.09			
LINE 200																										DS TAILWATER @ STR #EX JB			FREE
201	0.75	0.60	0.75	0.45	5.0	10.32	5.81	5.81	9.72	7.92			0.00	0.00	201	EX JB	HDPE	0.012	15	35.09	1.93	N/A	977.50	976.82	981.00	978.72			



980

982

980

982

STM

PROPOSED FINISH GRADE

MAJOR CONTOUR

PROPOSED FINISH GRADE

MINOR CONTOUR

EXISTING GRADE

MAJOR CONTOUR

EXISTING GRADE

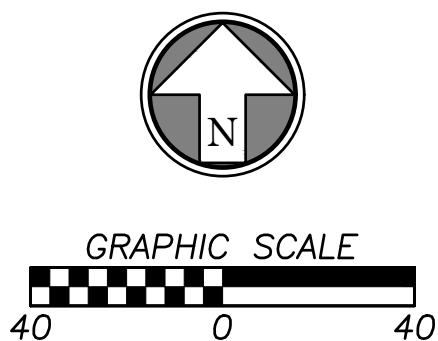
MINOR CONTOUR

PROPOSED STORM SEWER LINE

DRAINAGE AREA BOUNDARY

Field

AREA/DIRECTION OF DRAINAGE BOUNDARY



STATE OF MISSOURI

ERIC BYRD

NUMBER PE-2018013633

PROFESSIONAL ENGINEER

BHC

CIVIL ENGINEERING / SURVEYING / UTILITIES

7101 College Blvd., Suite 400

Overland Park, Kansas 66210

p. (913) 663-1900

BHC is a trademark of Barger/Houshield & Company, P.A.

FINAL
DEVELOPMENT PLAN

PROJECT TITLE

John Knox Village

COURTYARDS - BUILDING E

SFCS

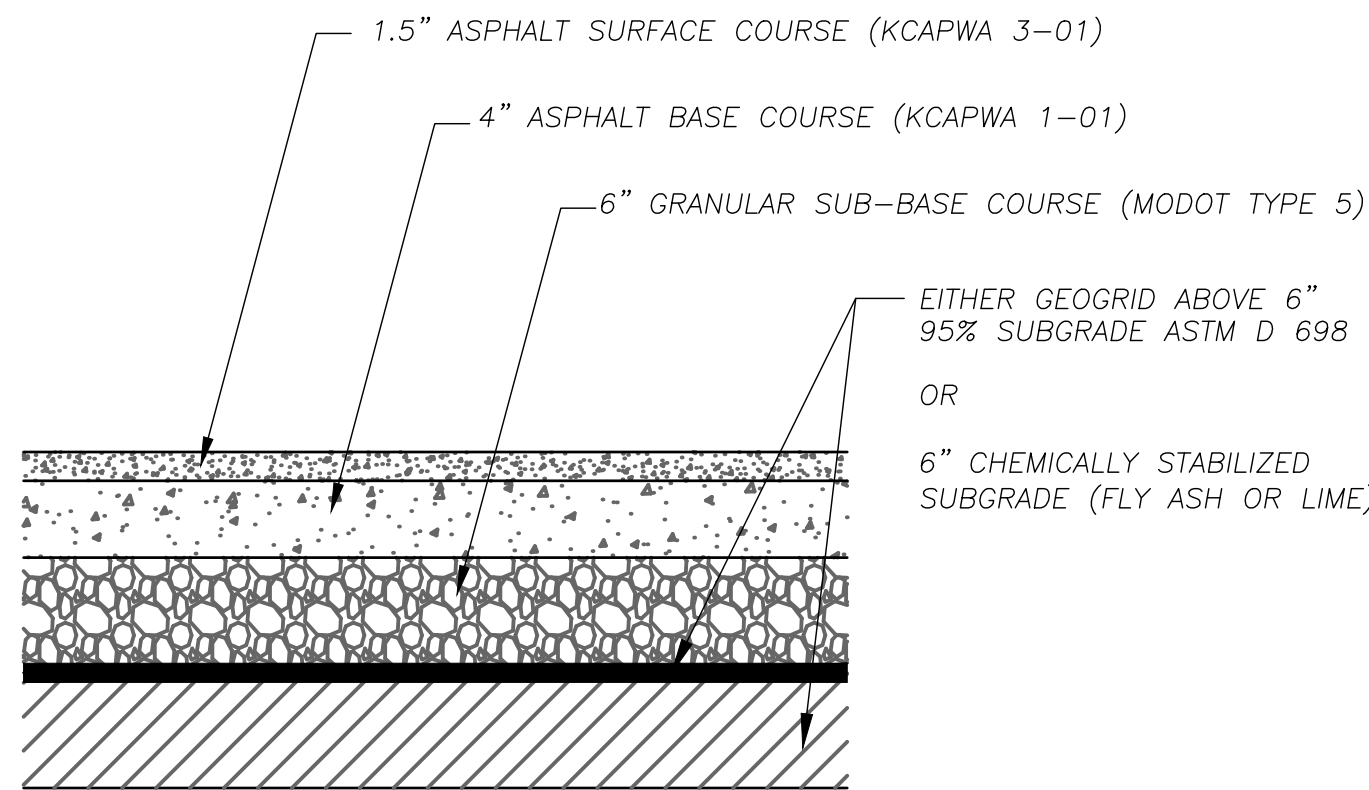
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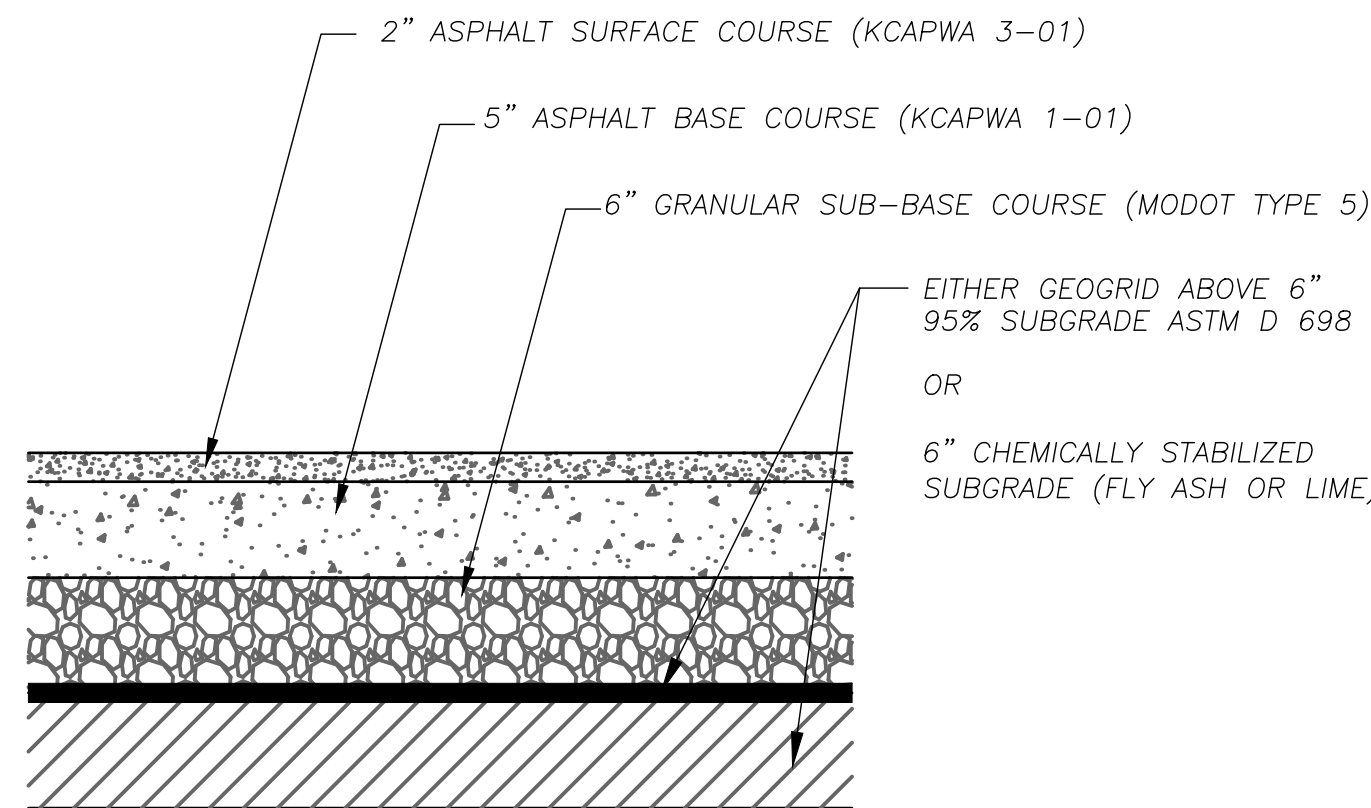
DESIGNER : DAS	DRAWN : ARK	
ARCHITECT : DAS	CHECKED : ERB	
ENGINEER : ERB	APPROVED : ERB	
NO.	REVISION DESCRIPTION	DATE
1	FDP RESUBMITTAL	2/16/2024

DRAINAGE MAP &
CALCULATIONS

DATE: December 1, 2023	DRAWING
COMM. NO. 23104.00	C6.3

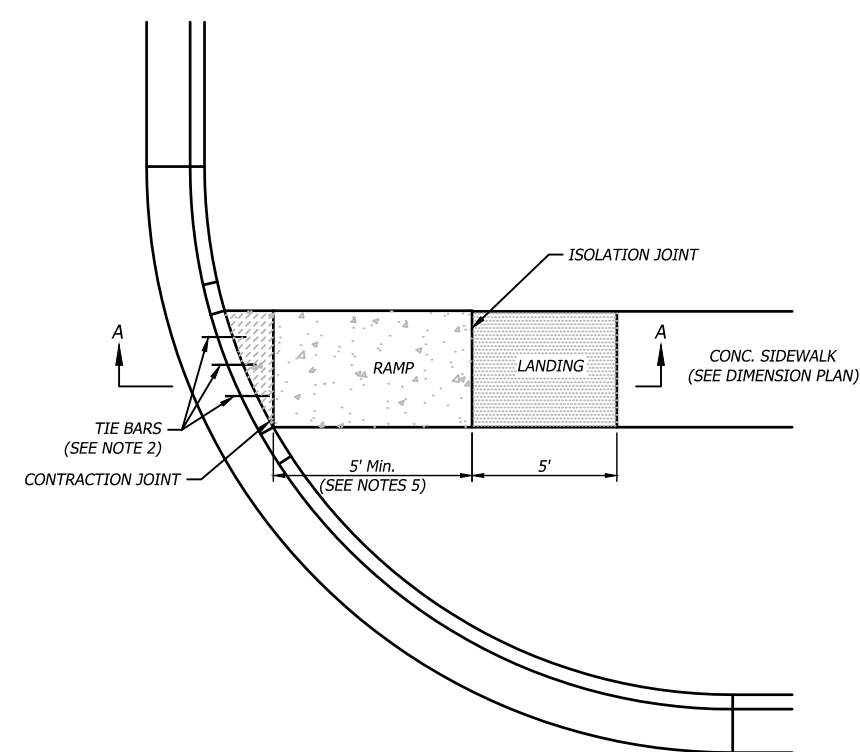


005 Normal Duty Asphalt Section
Not to Scale

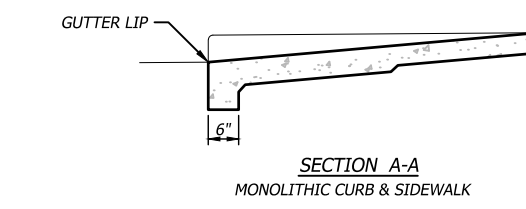
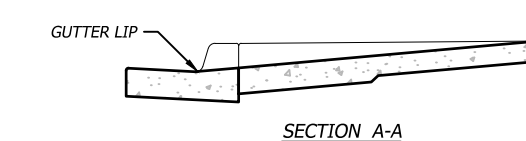
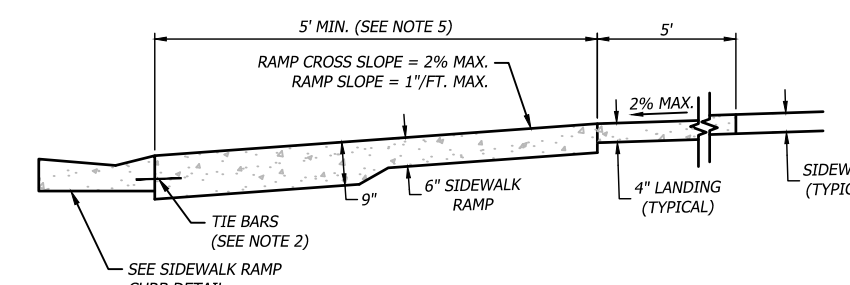


006 Heavy Duty Asphalt Section
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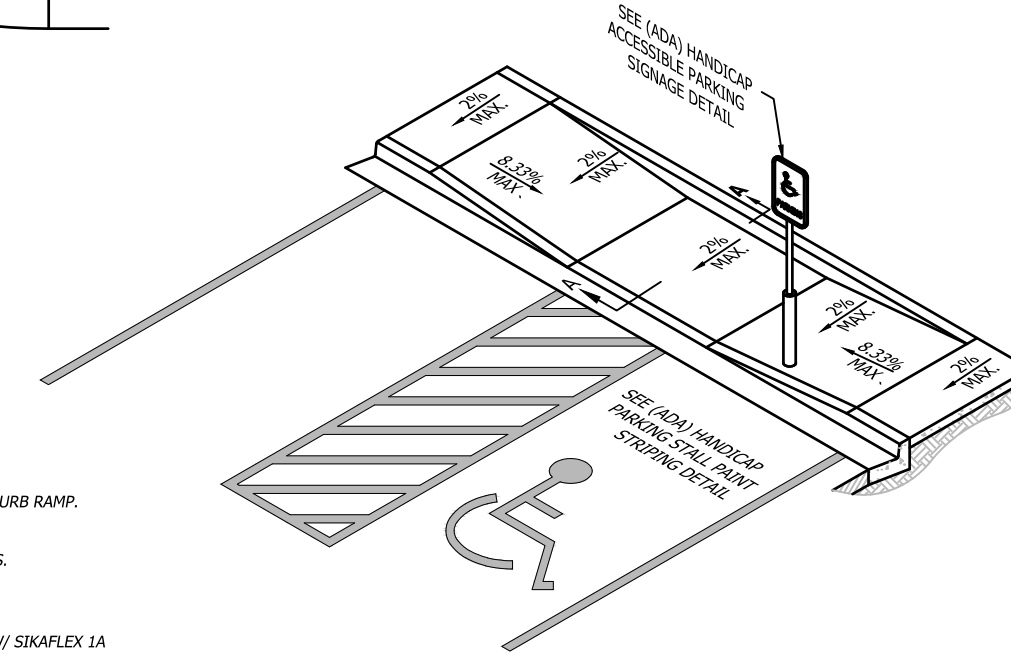
010 Asphalt Pavement Overlay
Not to Scale



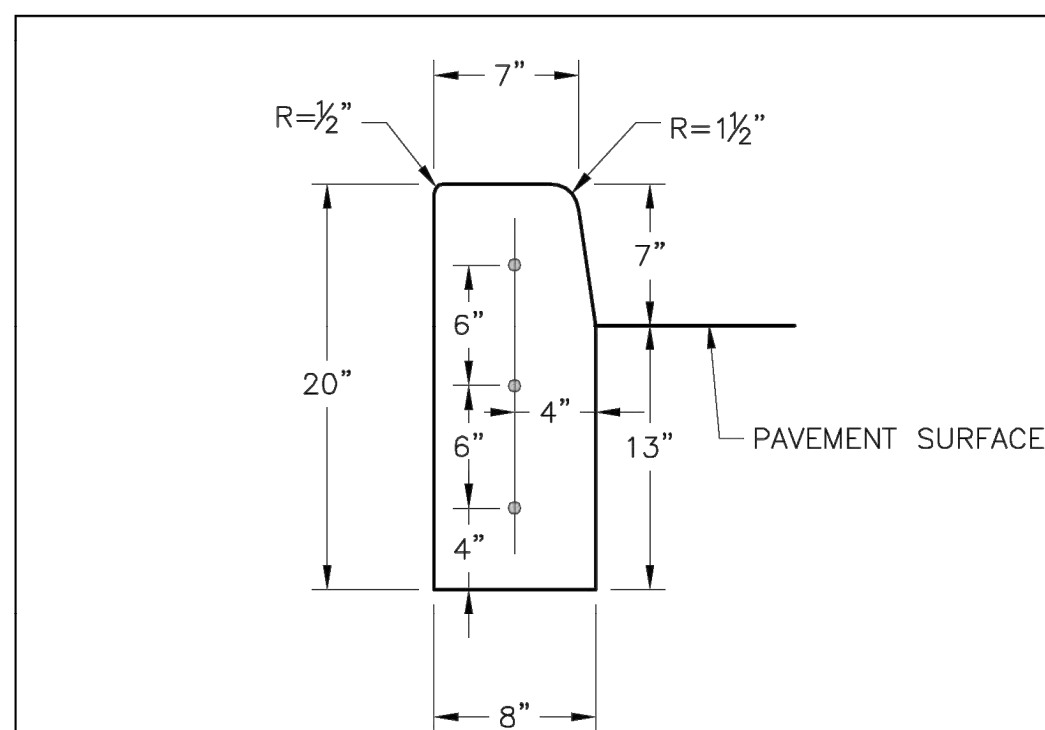
- NOTES:
1. SIDEWALK RAMP LOCATION DETERMINED FROM THE INTERSECTION OF THE EXTENSION OF BACK OF SIDEWALK AND BACK OF CURB & GUTTER.
 2. TIE BARS #4 EPOXY COATED @ 12"OC.
 3. LONGITUDINAL JOINT SPACING TO MATCH WIDTH OF SIDEWALK.
 4. ISOLATION JOINTS SHALL BE PLACED WHERE WALK ABUTS DRIVEWAYS AND SIMILAR STRUCTURES, AND 25' CENTERS MAX.
 5. SIDEWALK RAMP SHALL BE LENGTHENED TO PROVIDE ADA COMPLIANCE SLOPE BUT NEED NOT EXCEED 15'.
 6. ADA RAMP SLOPE MAX. = 17'FT, ADA CROSS SLOPE MAX. = 2%.
 7. SEE DETECTABLE WARNING DETAIL FOR THE INSTALLATION REQUIREMENTS.



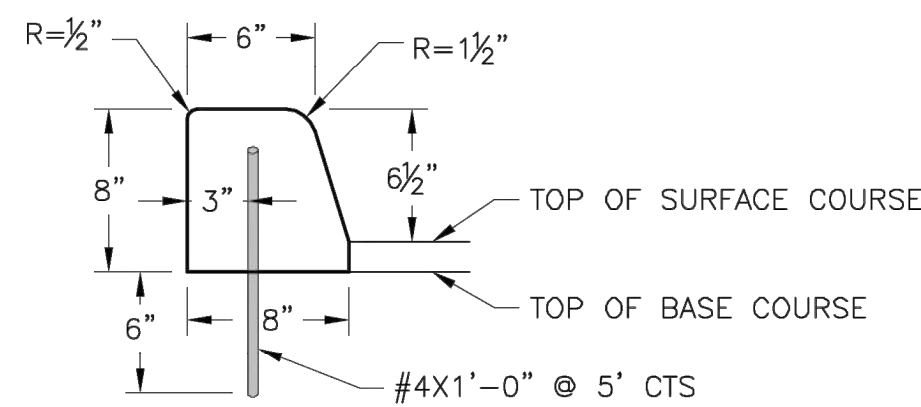
- GENERAL NOTES:
1. PLACE INDICATED DOME DETECTABLE WARNING PANELS @ BASE OF CURB RAMP. INSTALL ACROSS FULL WIDTH OF RAMP 24"MIN. DEPTH.
 2. TOOLED JOINTS ARE REQUIRED AT ALL SIDEWALK RAMP SLOPE BREAKS.
 3. THICKEN CONCRETE UNDER DETECTABLE WARNING PANEL.
 4. IN FREEZE THAW ZONES, LEAVE $\frac{1}{4}$ " GAP IN BETWEEN PANELS & SEAL W/ SIKAFLEX 1A SEALANT OR APPROVED EQUAL.



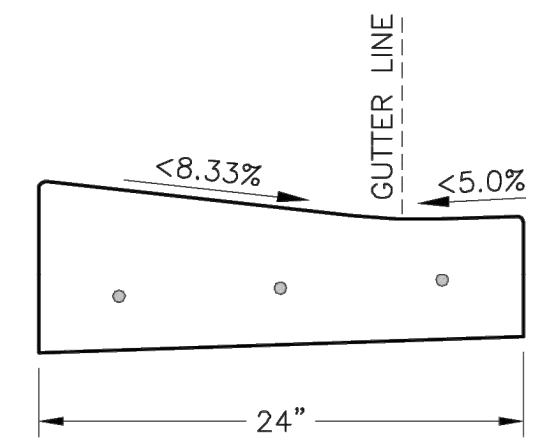
019 Sidewalk Ramp (Private)
Not to Scale



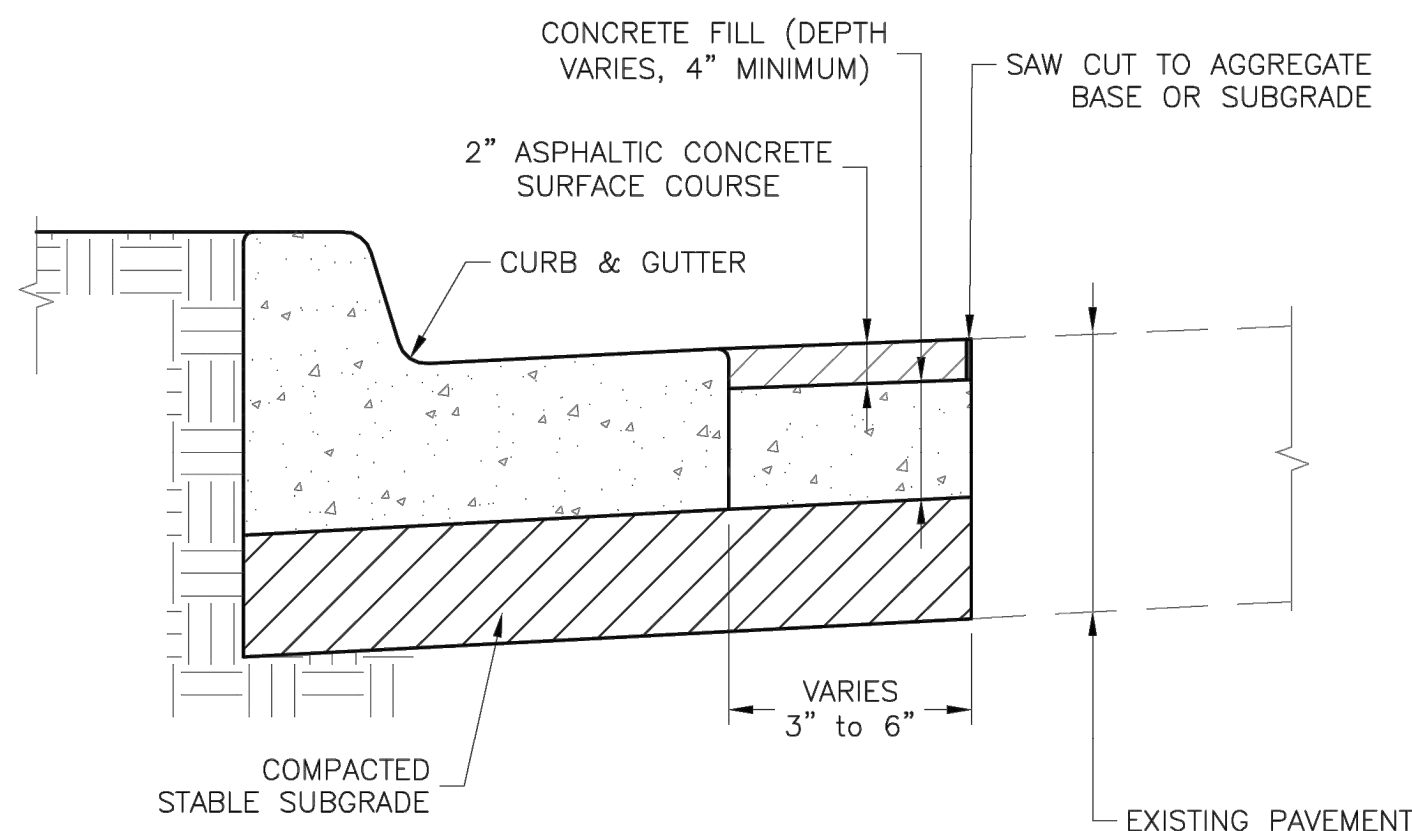
STRAIGHT CURB
(TYPE C-1)



DOWELLED CURB
(TYPE DC)



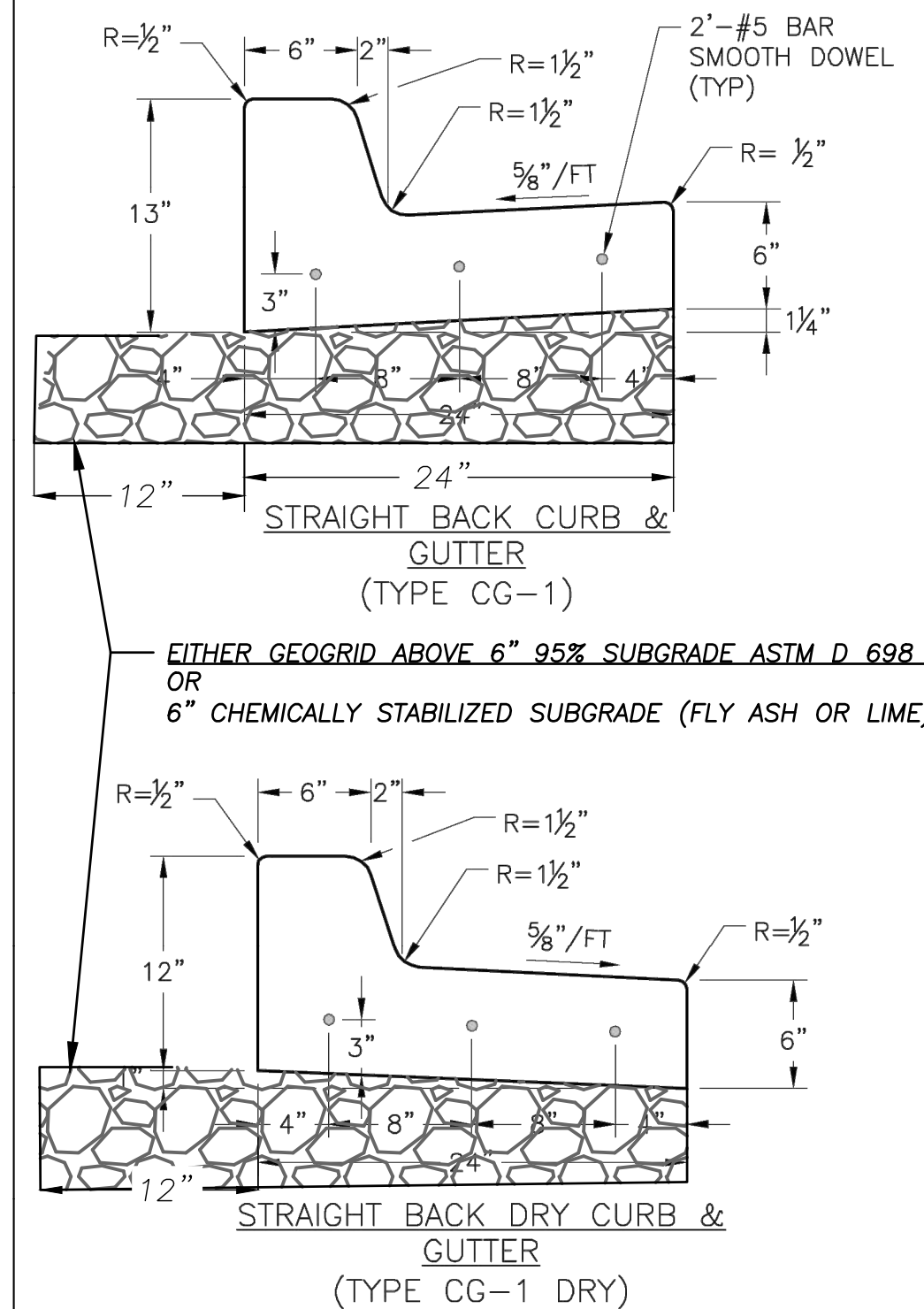
CURB & GUTTER DETAIL AT RAMP
(ADA SLOPE REQUIREMENTS)



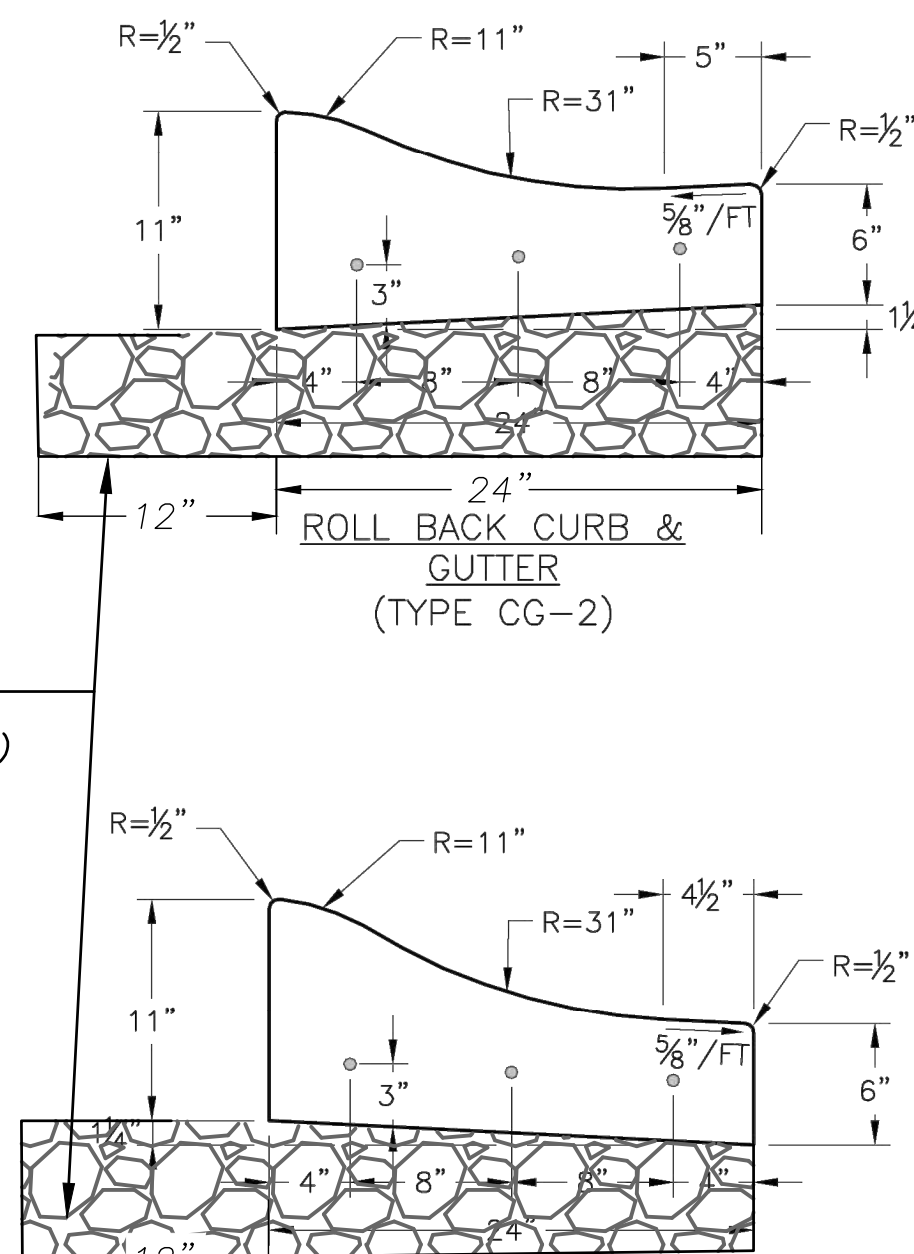
CURB REPLACEMENT DETAIL

GENERAL NOTES

1. $\frac{3}{4}$ " ISOLATION JOINTS WITH 3 (2'-#5 BAR) SMOOTH DOWELS SHALL BE PLACED AT RADIUS POINTS AND AT 150' INTERVALS. THESE DOWEL BARS SHALL BE GREASED AND WRAPPED ON ONE END WITH EXPANSION TUBES.
2. 3" DEEP CONTRACTION JOINTS SHALL BE INSTALLED AT APPROXIMATELY 10' INTERVALS. THESE JOINTS SHALL PASS ACROSS THE ENTIRE CURB SECTION.
3. CONCRETE FILL SHALL HAVE UNIFORM AND SMOOTH FINISH
4. KCMMB 4K CONCRETE SHALL BE USED FOR ALL CURB.
5. ASPHALTIC CONCRETE SURFACE COURSE SHALL CONFORM TO STANDARD SPECIFICATIONS SECTION 2205.2.
6. CURBS FOR NEW STREETS SHALL BE BUILT ON ASPHALT OR AGGREGATE BASE AS SHOWN IN TYPICAL SECTION DETAIL.
7. WHITE CURING COMPOUND MUST BE APPLIED UNIFORMLY TO THE CONCRETE SURFACE IMMEDIATELY AFTER FINAL FINISHING.



STRAIGHT BACK DRY CURB & GUTTER
(TYPE CG-1 DRY)



ROLL BACK DRY CURB & GUTTER
(TYPE CG-2 DRY)

002 Concrete Curb and Gutter
Not to Scale

LEE'S SUMMIT
MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 1200 SE GREEN STREET | LEE'S SUMMIT, MO 64083

STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT, JACKSON COUNTY, MO
CURB & GUTTER DETAIL

Drawn By: MJB
Checked By: DL
Date: 04/17
Proj. #:

GEN-4

NOTE: OTHER STYLES OF ACCESSIBLE SIGNAGE MAY BE ACCEPTABLE. SUBMIT ALTERNATIVE SIGNAGE AS A SHOP DRAWING FOR REVIEW.

INTERNATIONAL SYMBOL OF ACCESSIBILITY
12"x18" SIGN

1"

12"x6" SIGN

INSTALL THIS SIGN AT VAN ACCESSIBLE STALLS (8'-0" WIDE AISLES)

STEEL U-CHANNEL POSTS SHALL BE HOT-ROLLED HIGH TENSILE RAIL STEEL, 2 LBS/FT, PERFORATED WITH $\frac{3}{8}$ " DIAMETER HOLES AT 1" CENTERS FINISH WITH GREEN BAKED ENAMEL

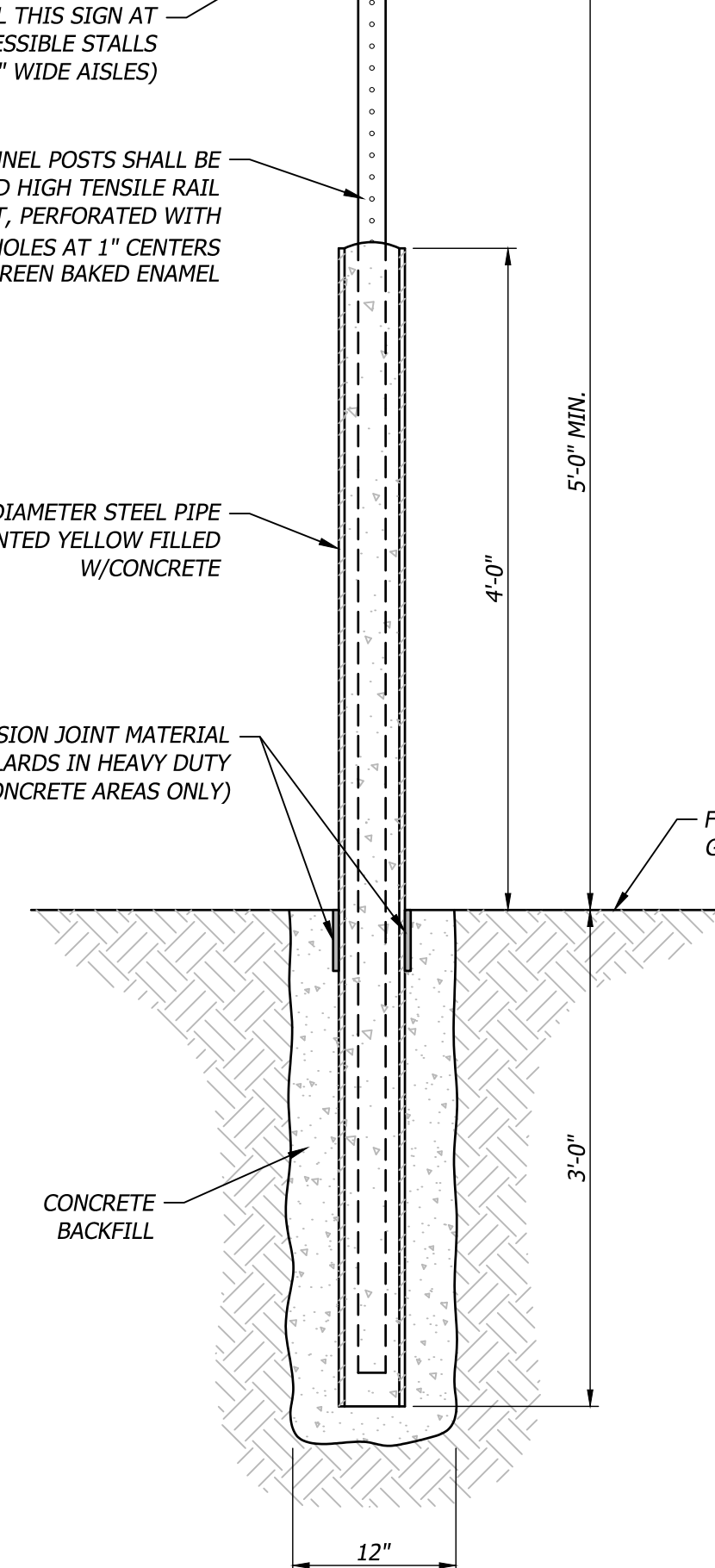
6" DIAMETER STEEL PIPE PAINTED YELLOW FILLED W/CONCRETE

APPLY EXPANSION JOINT MATERIAL (FOR BOLLARDS IN HEAVY DUTY CONCRETE AREAS ONLY)

CONCRETE BACKFILL



LOCAL OR STATE REGULATIONS MAY REQUIRE POSTING OF FINES OR OTHER VERBIAGE. INCLUDE VERBIAGE ON SIGNS AS REQUIRED.
SIGNS SHALL BE BAKED ENAMEL ON 0.063 ALUMINUM SHEETING W/ROUNDED CORNERS, TWO MOUNTING HOLES, WHITE BORDER, SYMBOL & LETTERING ON BLUE BACKGROUND



022 (ADA) Handicap Parking Signage
Not to Scale



FINAL
DEVELOPMENT PLAN

PROJECT TITLE



COURTYARDS - BUILDING E



Architecture
Engineering
Planning
Interiors

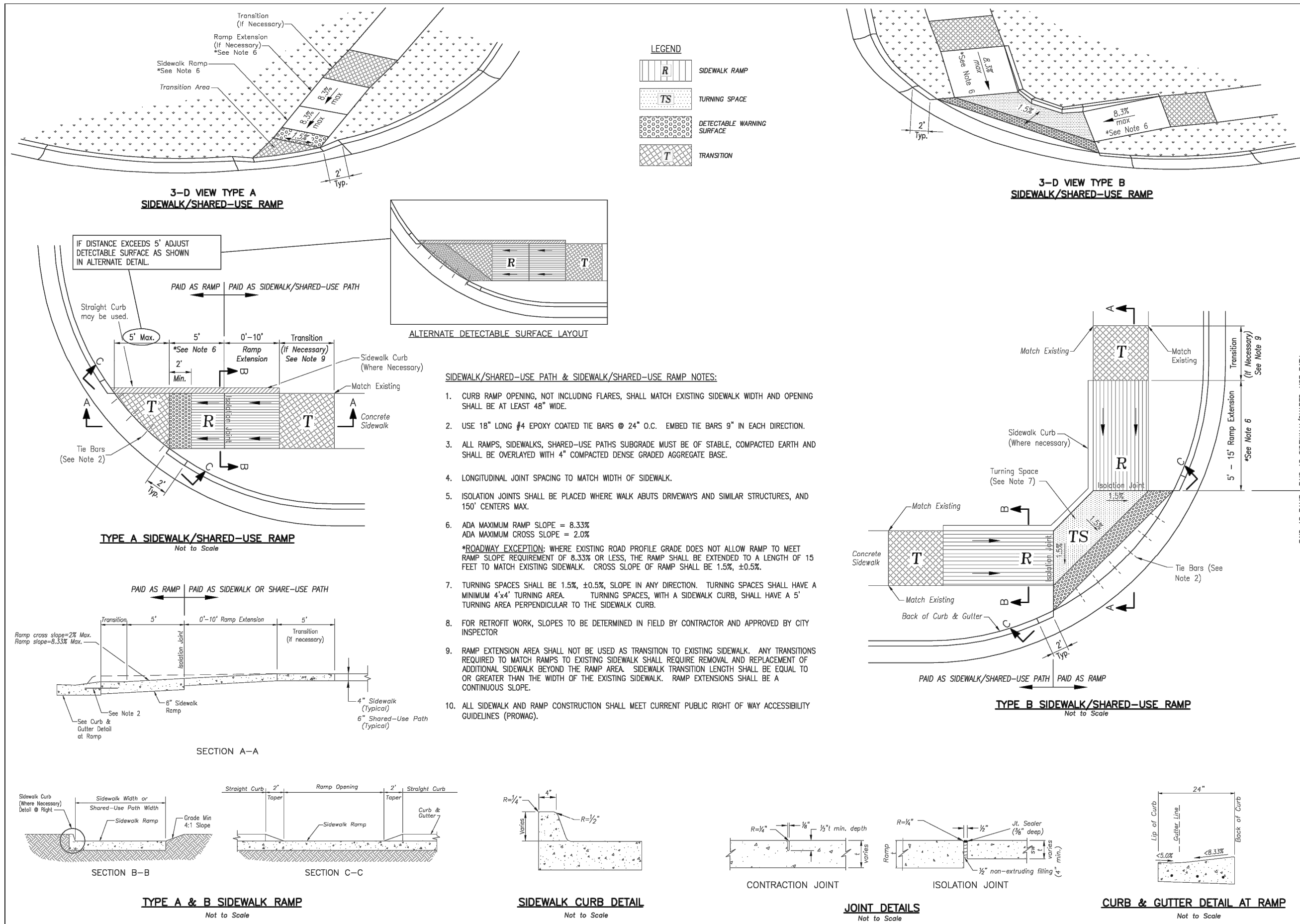
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ARCHITECT : DAS	CHECKED : ERB	
ENGINEER : ERB	APPROVED : ERB	
NO.	REVISION DESCRIPTION	DATE
1	FDP RESUBMITTAL	2/16/2024

DRAWING TITLE

CONSTRUCTION DETAILS

DATE: December 1, 2023	DRAWING
COMM. NO. 23104.00	C7.0



**LEE'S SUMMIT
MISSOURI**

PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64083

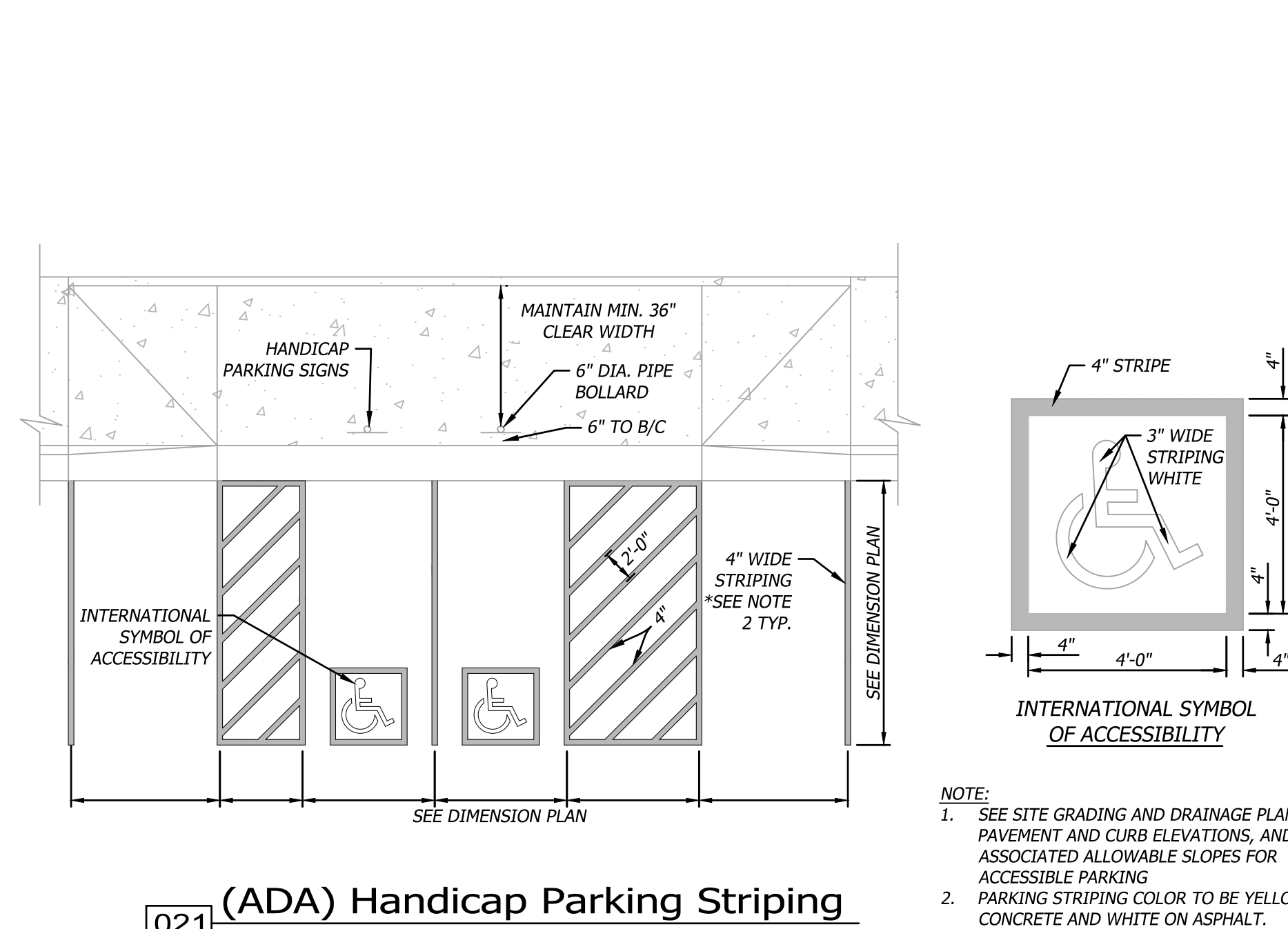
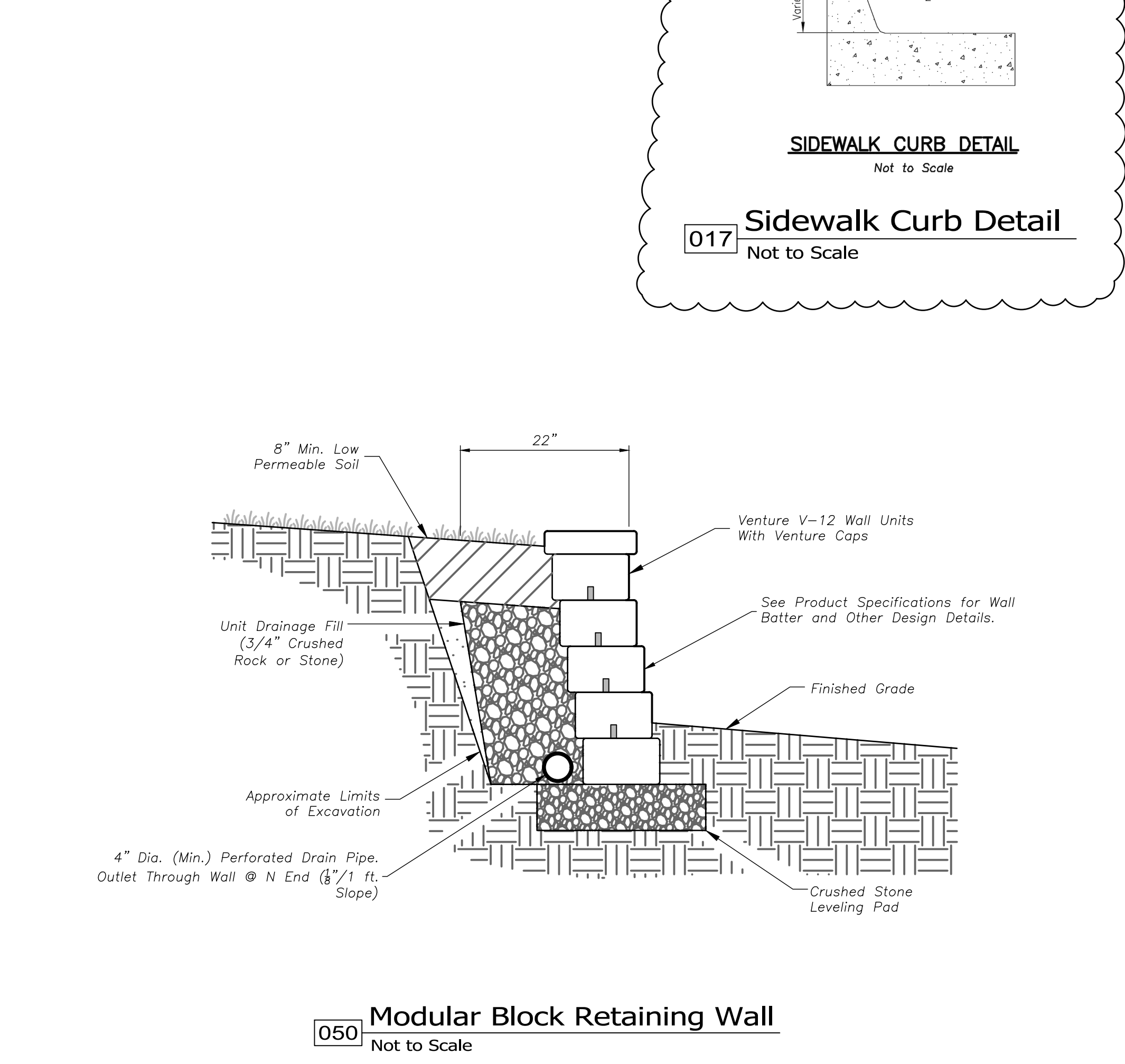
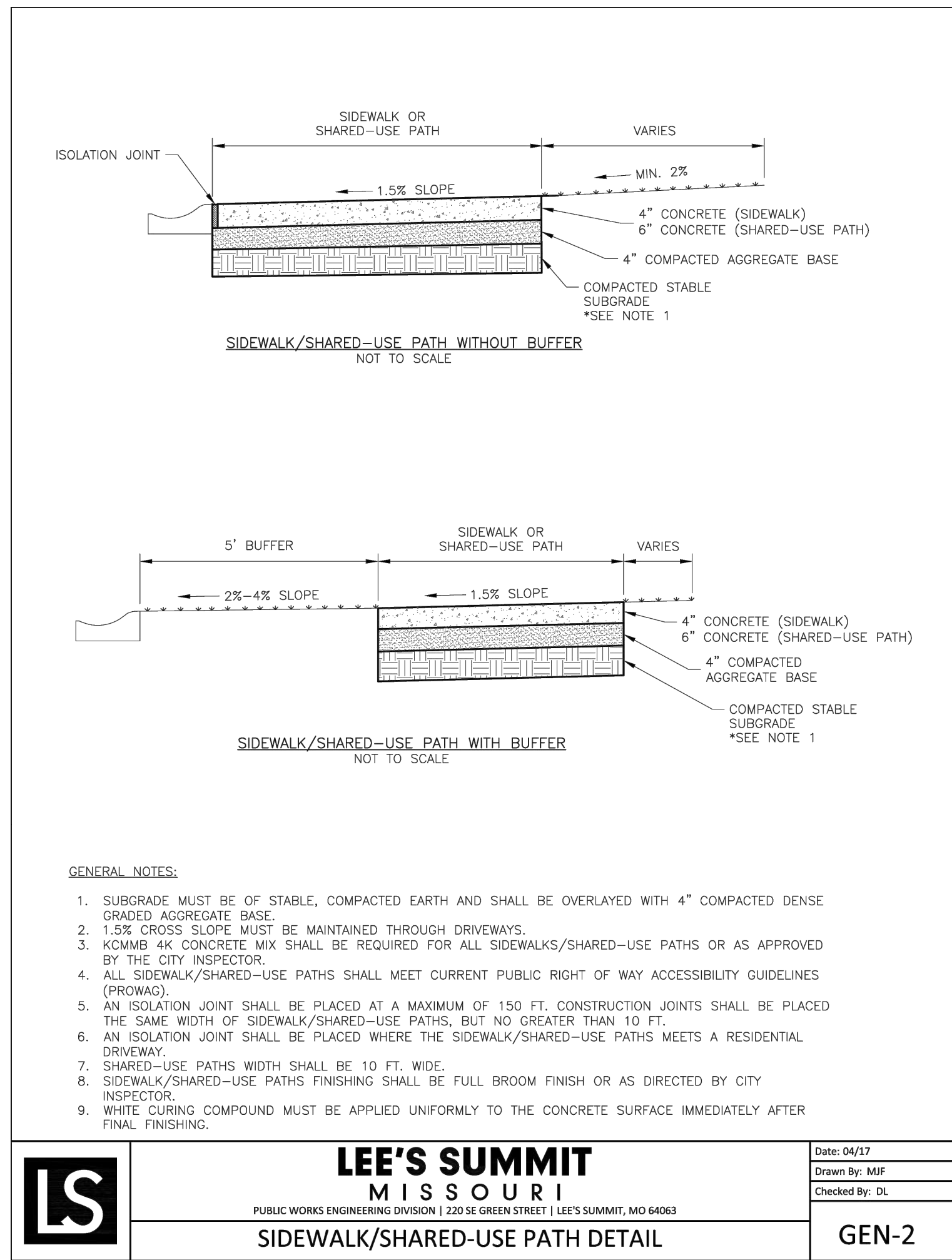
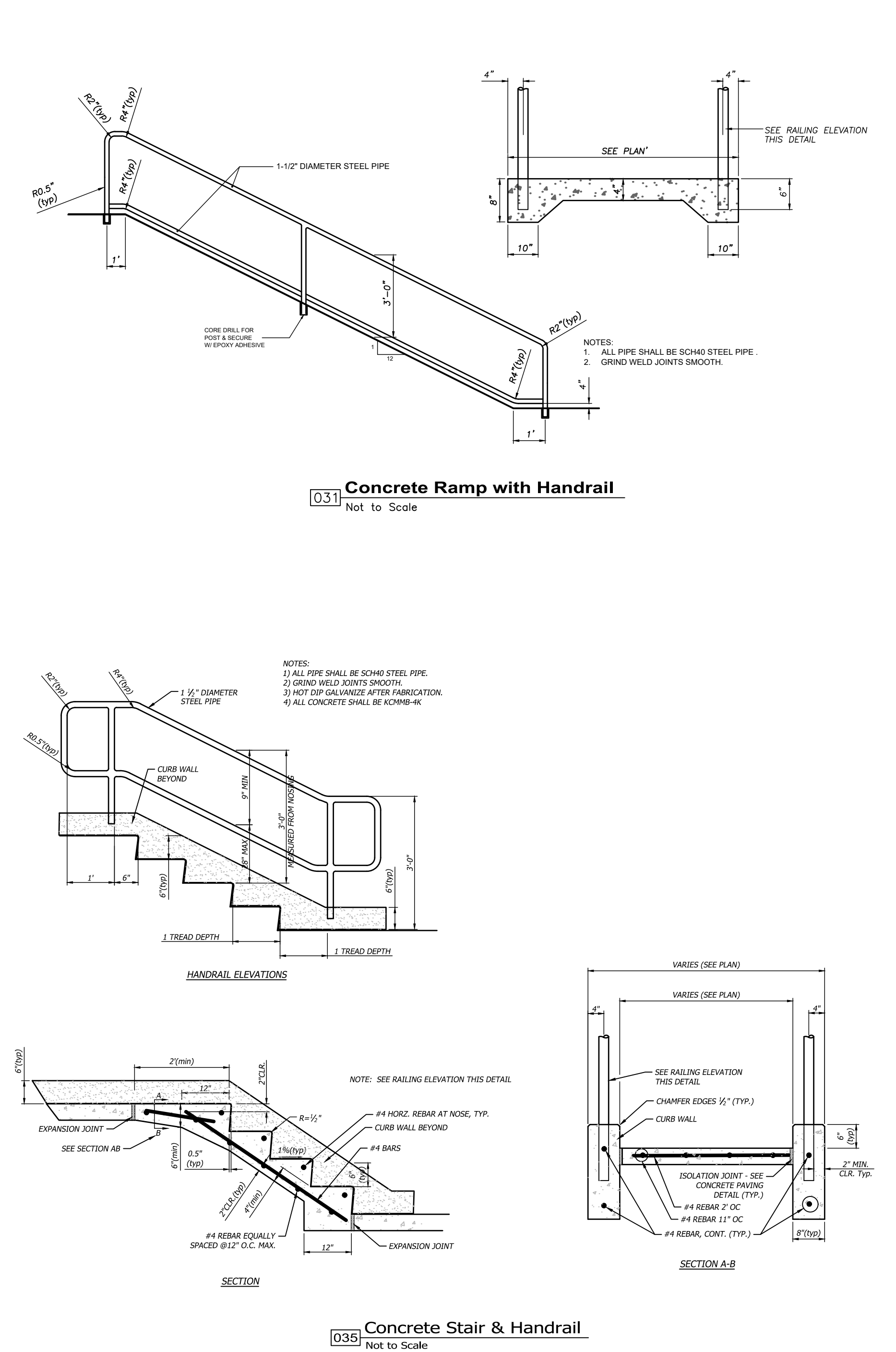
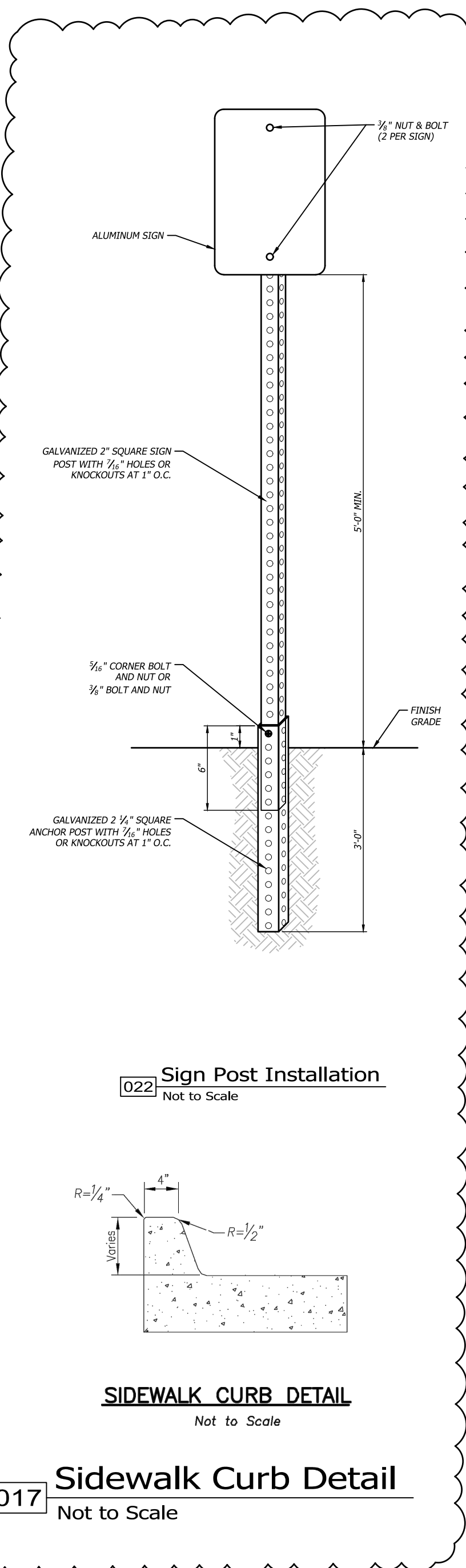
STANDARD DETAILS

CITY OF LEE'S SUMMIT, MO

LEE'S SUMMIT, JACKSON COUNTY, MO

ADA RAMP RETROFIT DETAIL

GEN-3A



FINAL DEVELOPMENT PLAN

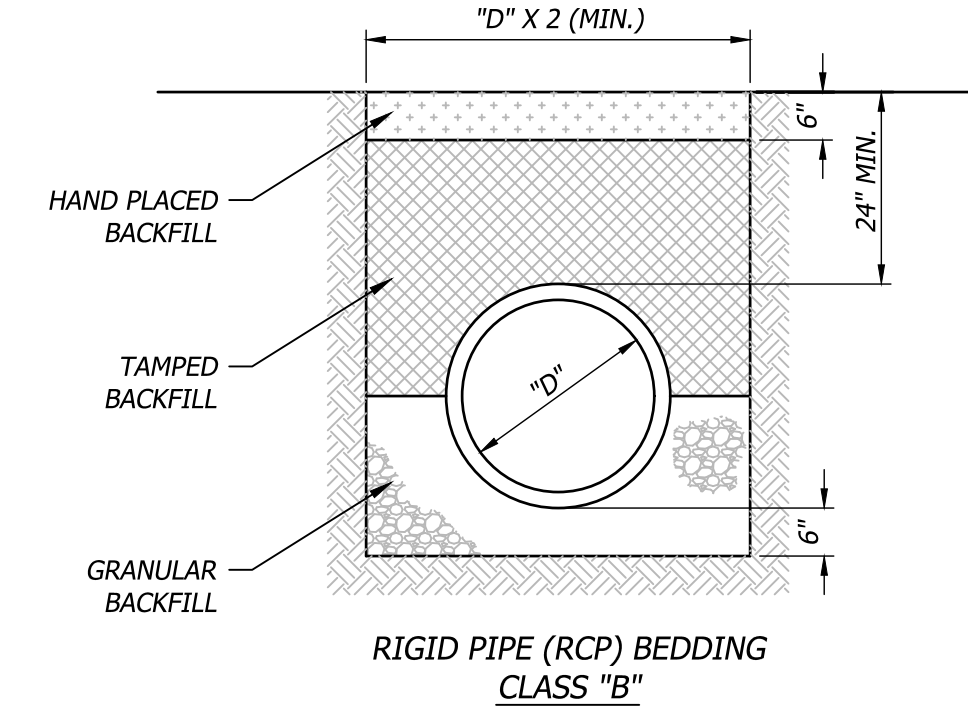
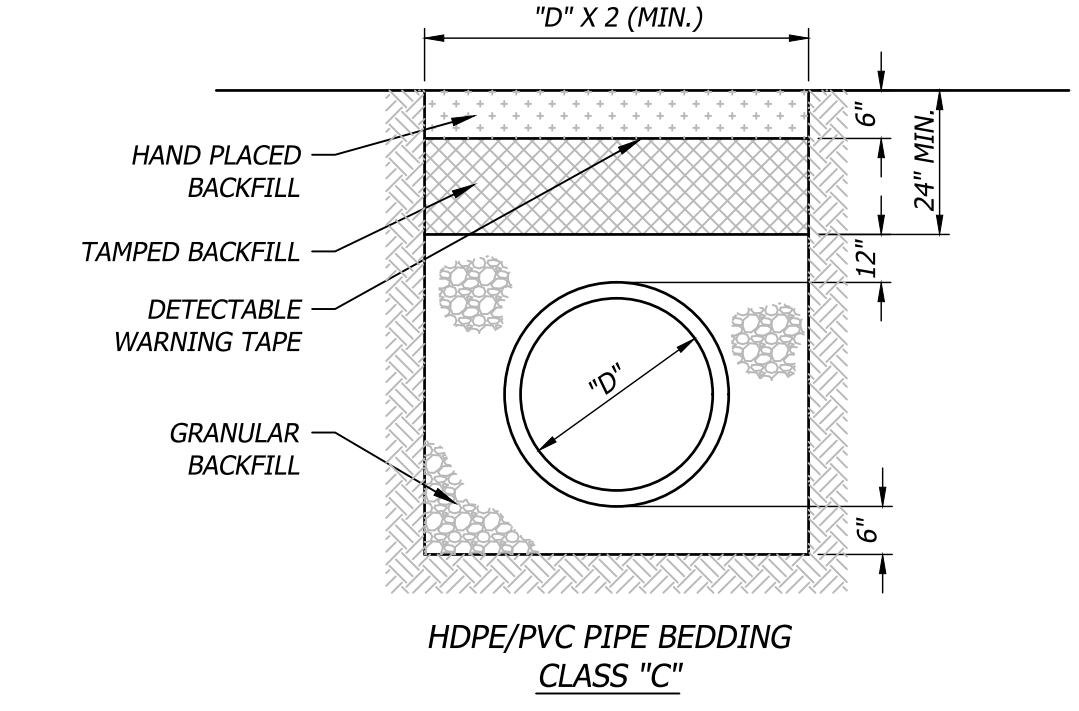
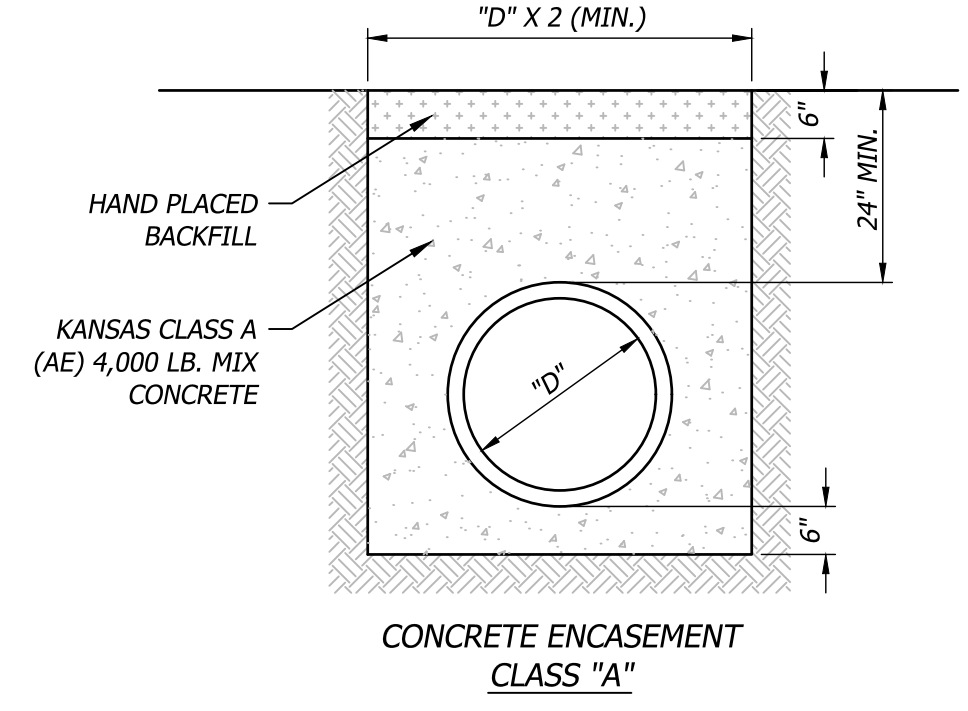
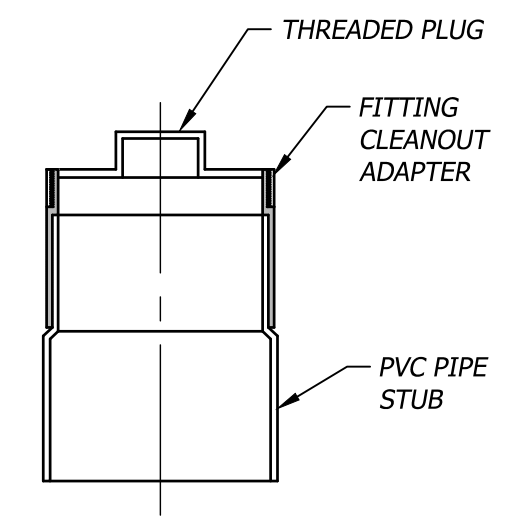
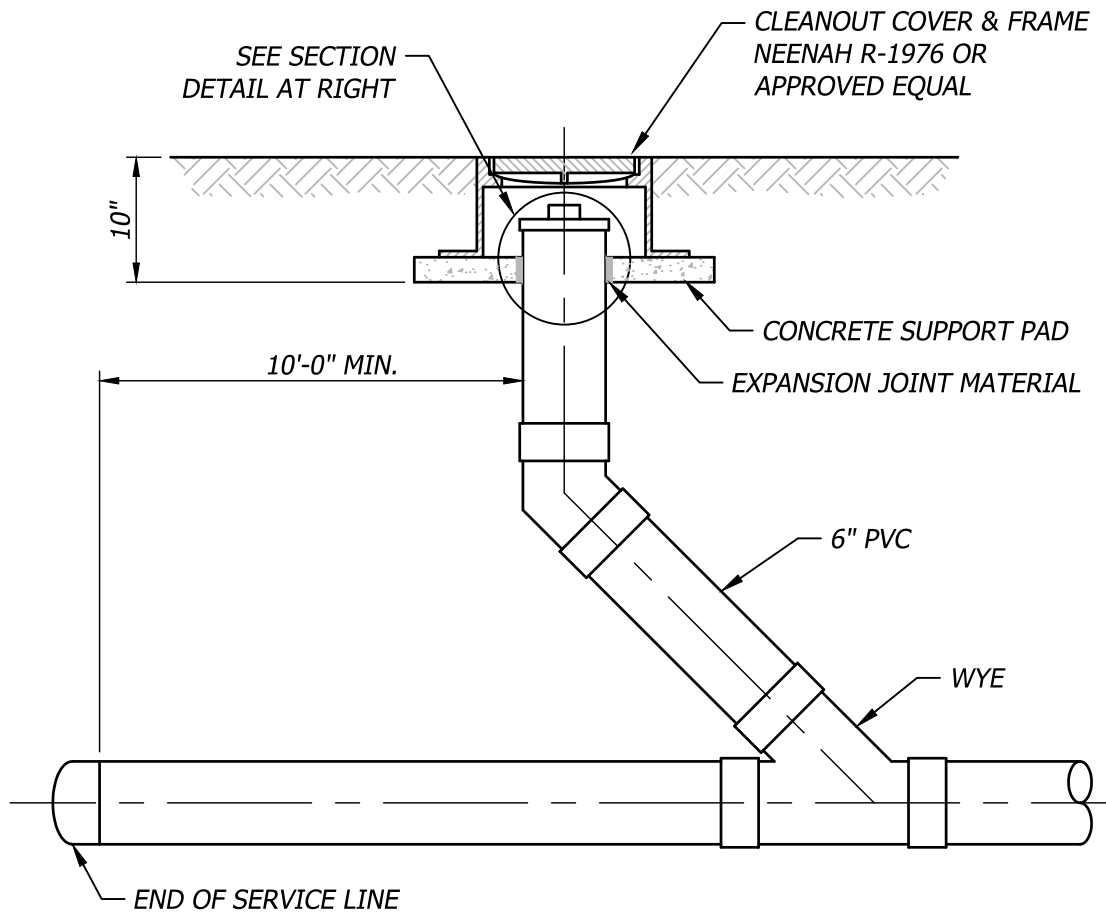
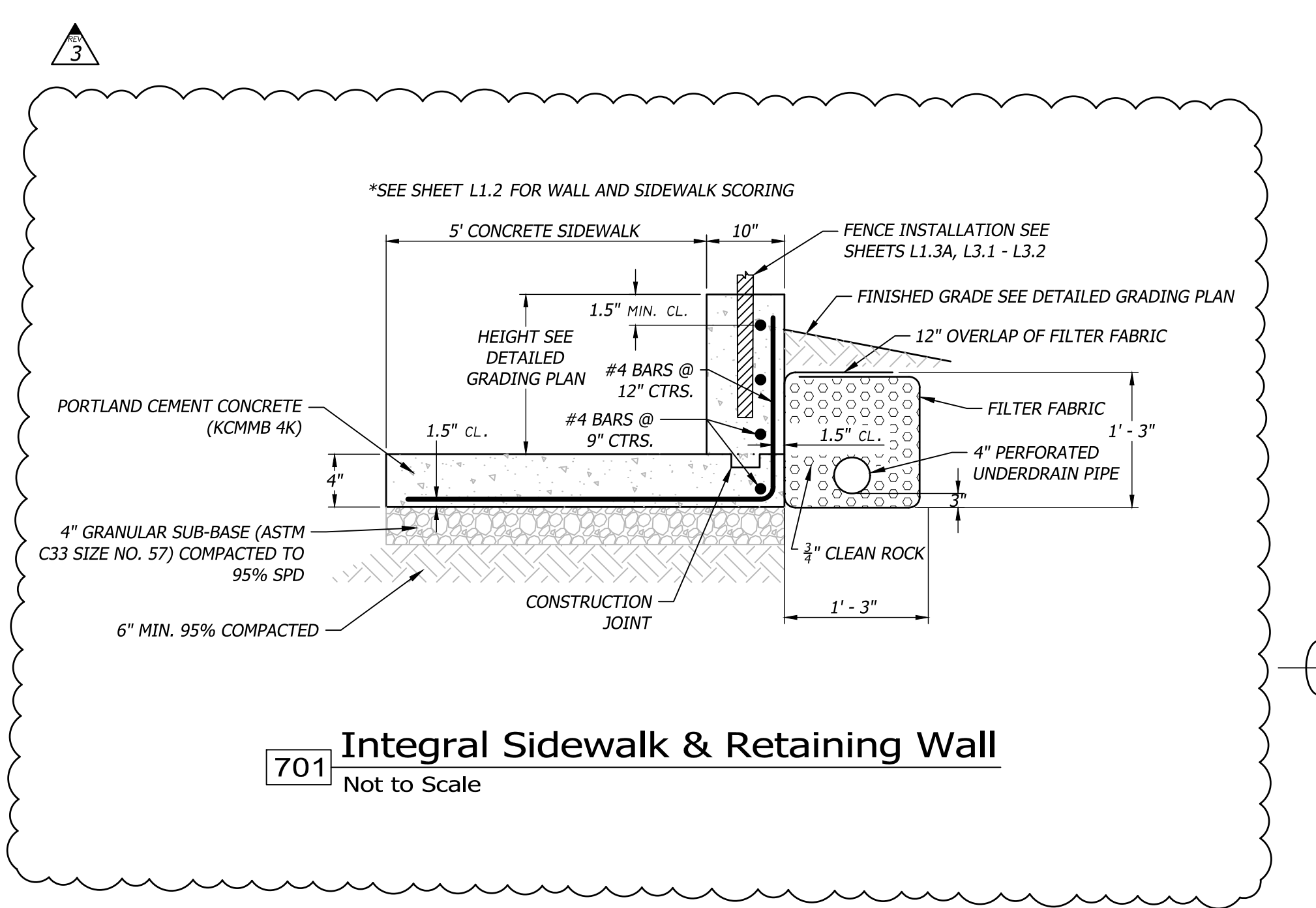


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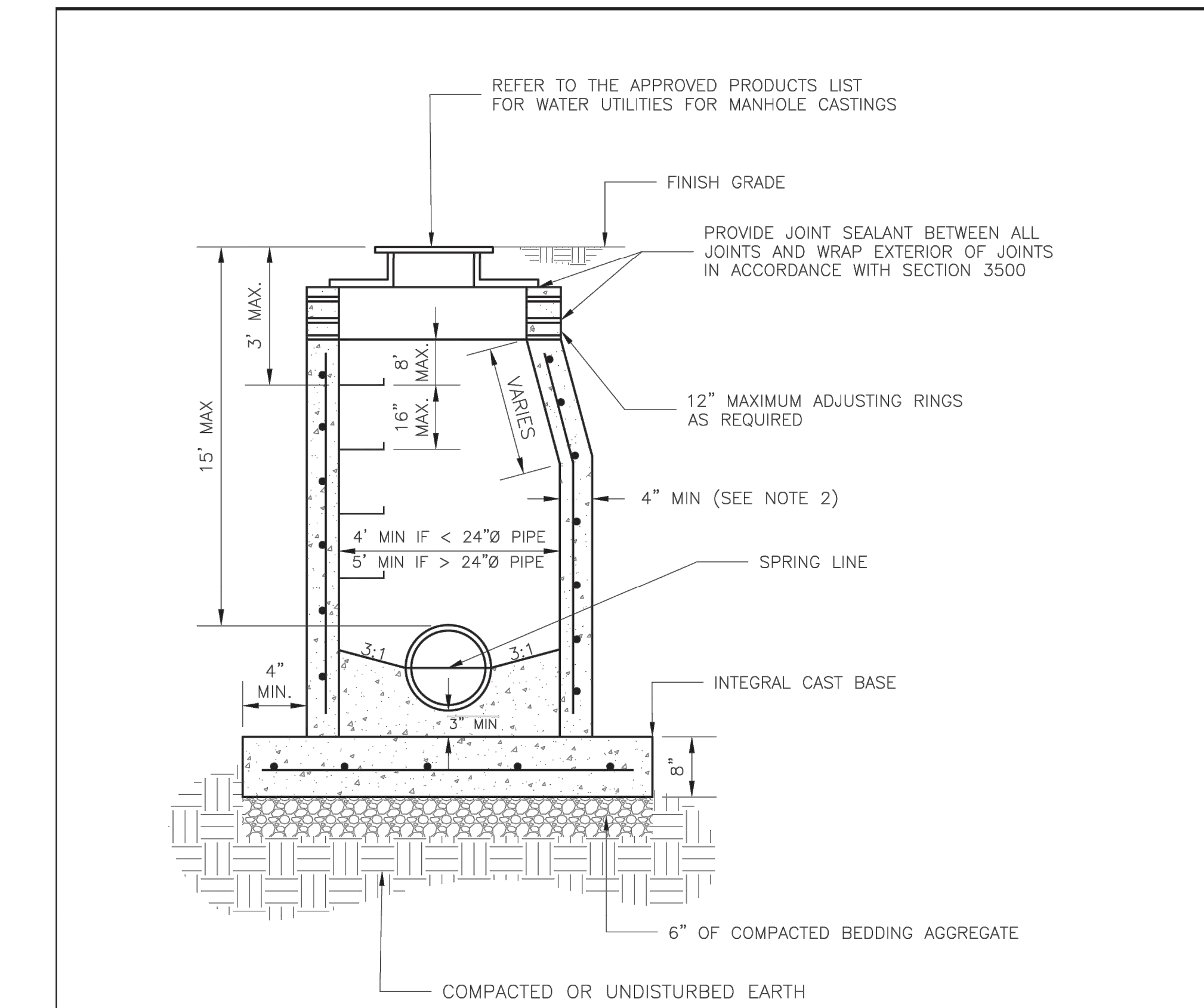
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ARCHITECT : DAS		CHECKED : ERB	
ENGINEER : ERB		APPROVED : ERB	
NO.	REVISION DESCRIPTION		DATE
1	FDP RESUBMITTAL		2/23/2024
3	Addendum 1		3/7/2024

DRAWING TITLE	CONSTRUCTION DETAILS 2
DATE: December 1, 2023	DRAWING
COMM. NO. 23104.00	C7.1



- NOTES:
1. GRANULAR FILL SHALL BE 1/2" CLEAN ROCK OR SAND/GRAVEL BEDDING MEETING KDOT TYPE UD-1, PLACED IN 6" LIFTS AND COMPACTED BY SLICING WITH A SHOVEL.
 2. TAMPED FILL SHALL BE FINELY DIVIDED, JOB EXCAVATED MATERIAL FREE OF DEBRIS, ORGANIC MATERIAL, AND STONES, COMPACTED TO TYPE AA MR-5 COMPACTION.
 3. HAND PLACED FILL SHALL BE FINELY DIVIDED MATERIAL, FREE OF DEBRIS AND STONES, COMPACTED TO TYPE AA MR-5 COMPACTION. ALL PIPE SHALL BE INSPECTED PRIOR TO BACKFILL.
 4. ALL PIPE COVERED PRIOR TO INSPECTION SHALL BE UNCOVERED AT THE CONTRACTORS EXPENSE.

306 Pipe Bedding
Not to Scale



- NOTES:
1. PRECAST CONCRETE MANHOLES SHALL CONFORM TO ASTM C478 EXCEPT AS MODIFIED BY THE SPECIFICATIONS.
 2. A WALL THICKNESS NOT LESS THAN ONE-TWELFTH (1/12) OF THE INSIDE DIAMETER OR 4", WHICHEVER IS GREATER, SHALL BE USED WHEN THE MANHOLE DEPTH IS LESS THEN 15'.
 3. WATERPROOFING SHALL BE REQUIRED ON THE OUTSIDE OF MANHOLES. THE WATERPROOFING SHALL CONSIST OF A TOTAL DRY FILM THICKNESS OF NOT LESS THAN 14 MILS OF BITUMINOUS COATING.
 4. ONLY ECCENTRIC MANHOLE CONES WILL BE ALLOWED UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
 5. THE FILL CONCRETE FLOW CHANNEL FOR SIDE BRANCHES SHALL BE PLACED TO PROVIDE A SMOOTH TRANSITION INTO THE FLOW LINE.
 6. REFER TO THE APPROVED PRODUCTS LIST FOR WATER UTILITIES FOR APPROVED MANHOLE GASKET MODELS.
 7. REFER TO THE APPROVED PRODUCTS LIST FOR APPROVED STEPS.

LS

LEE'S SUMMIT

MISSOURI

PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

Date: 12/2015

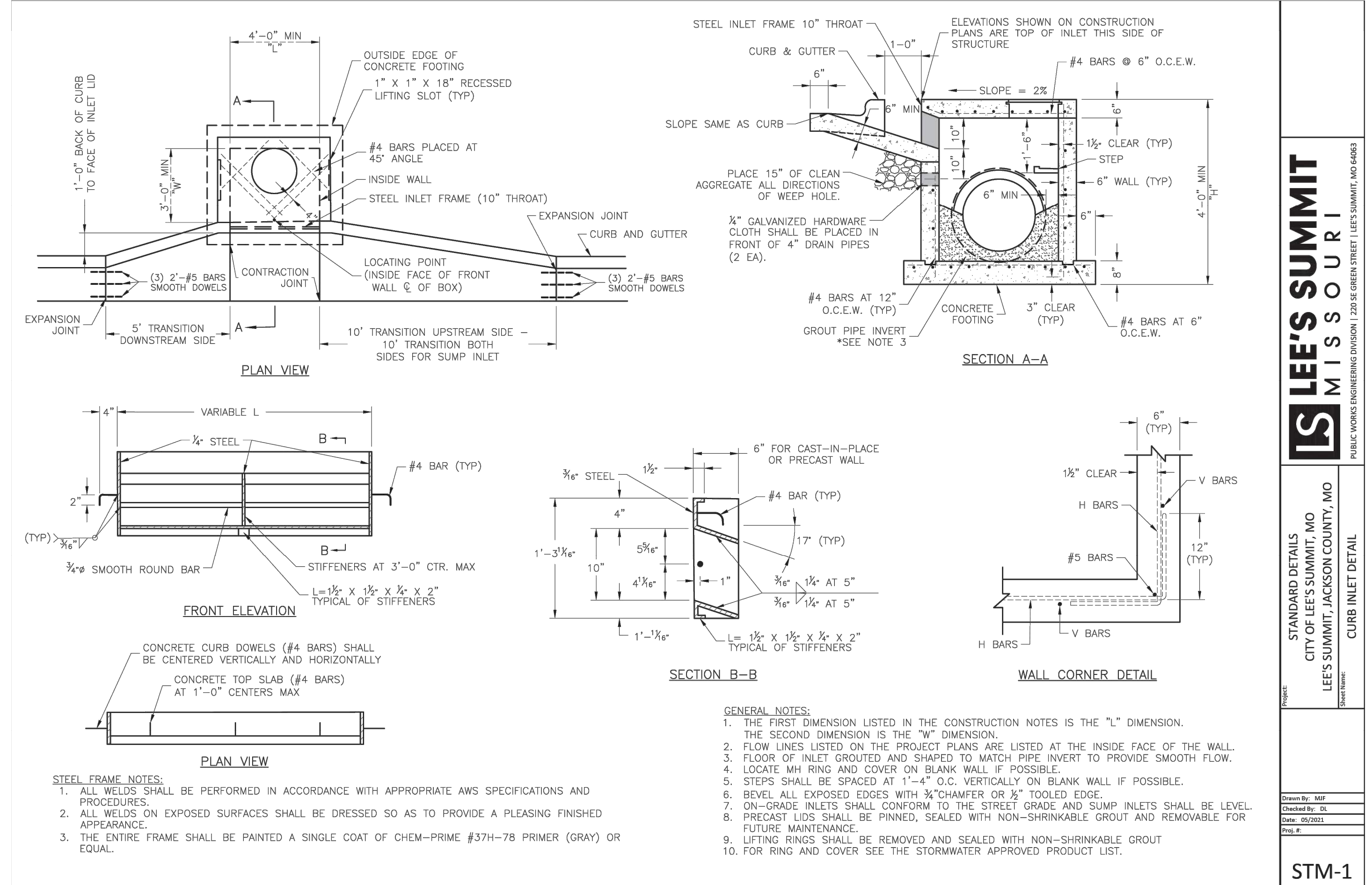
Drawn By: SC

Checked By: DL

STANDARD SANITARY PRECAST MANHOLE

SAN-2

200 Sanitary Manhole
Not to Scale



305 Curb Inlet
Not to Scale



BHC

CIVIL ENGINEERING / SURVEYING / UTILITIES

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FINAL DEVELOPMENT PLAN

PROJECT TITLE

John Knox Village

COURTYARDS - BUILDING E

SFCS

Architecture
Engineering
Planning
Interiors

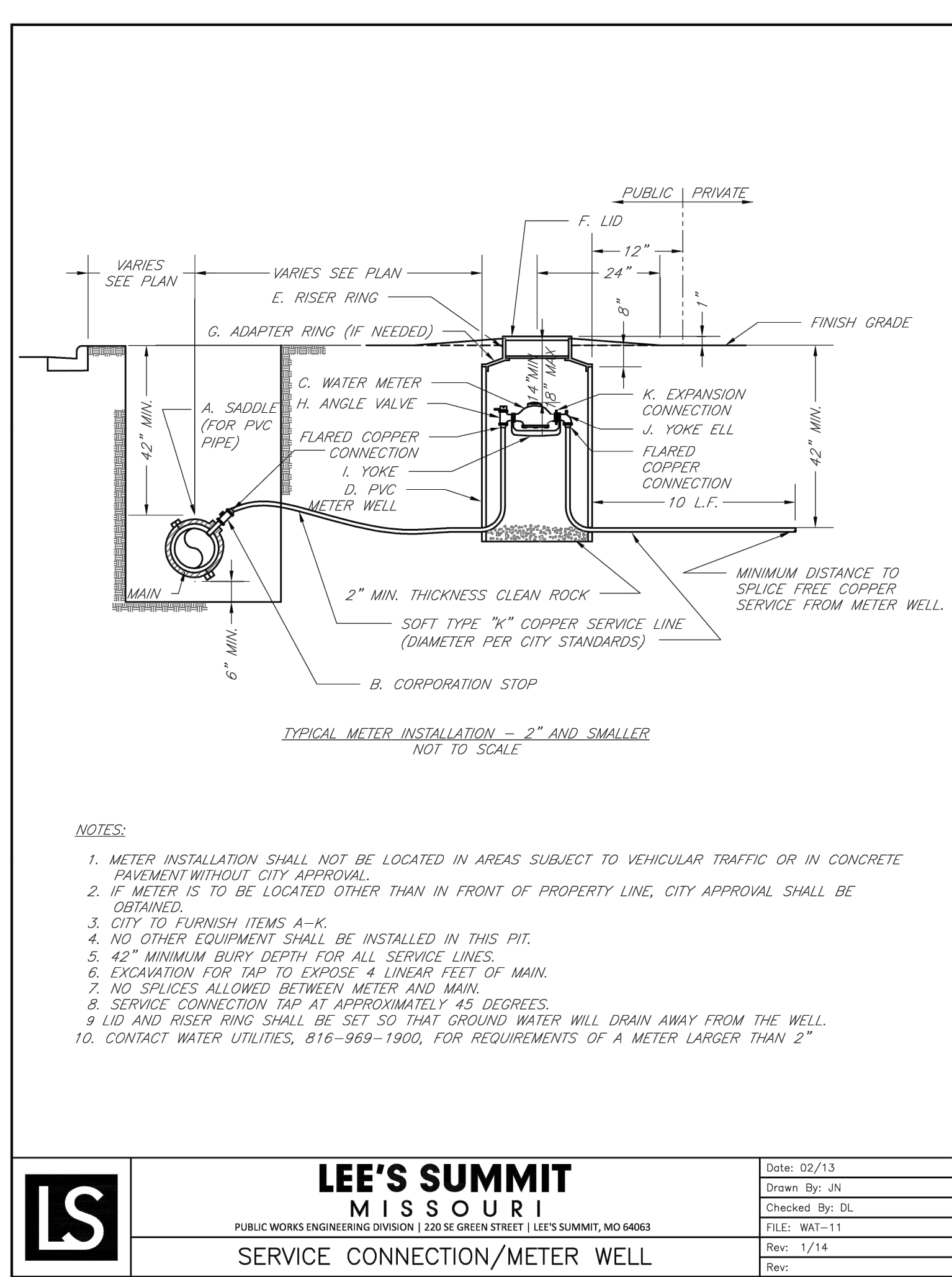
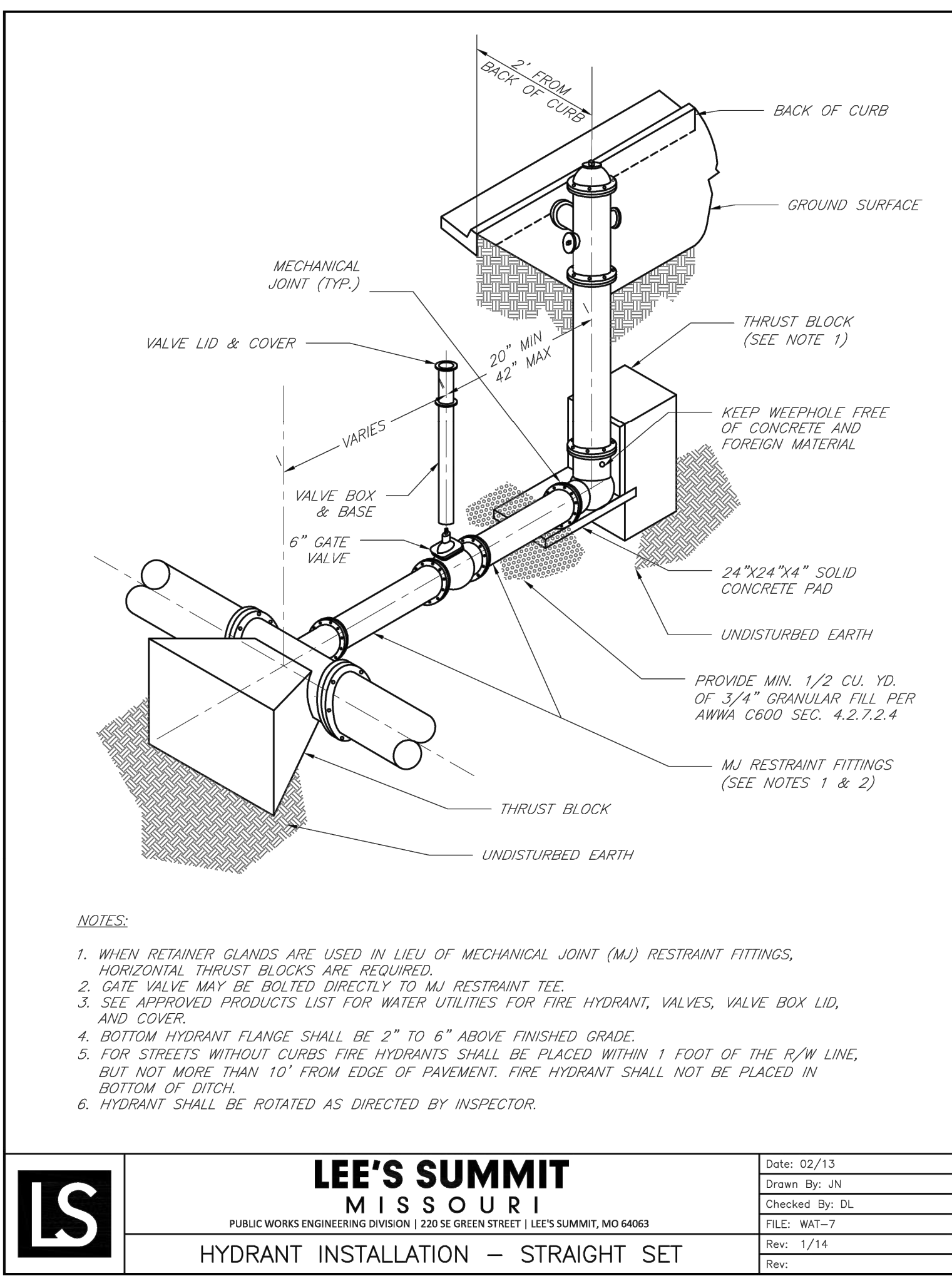
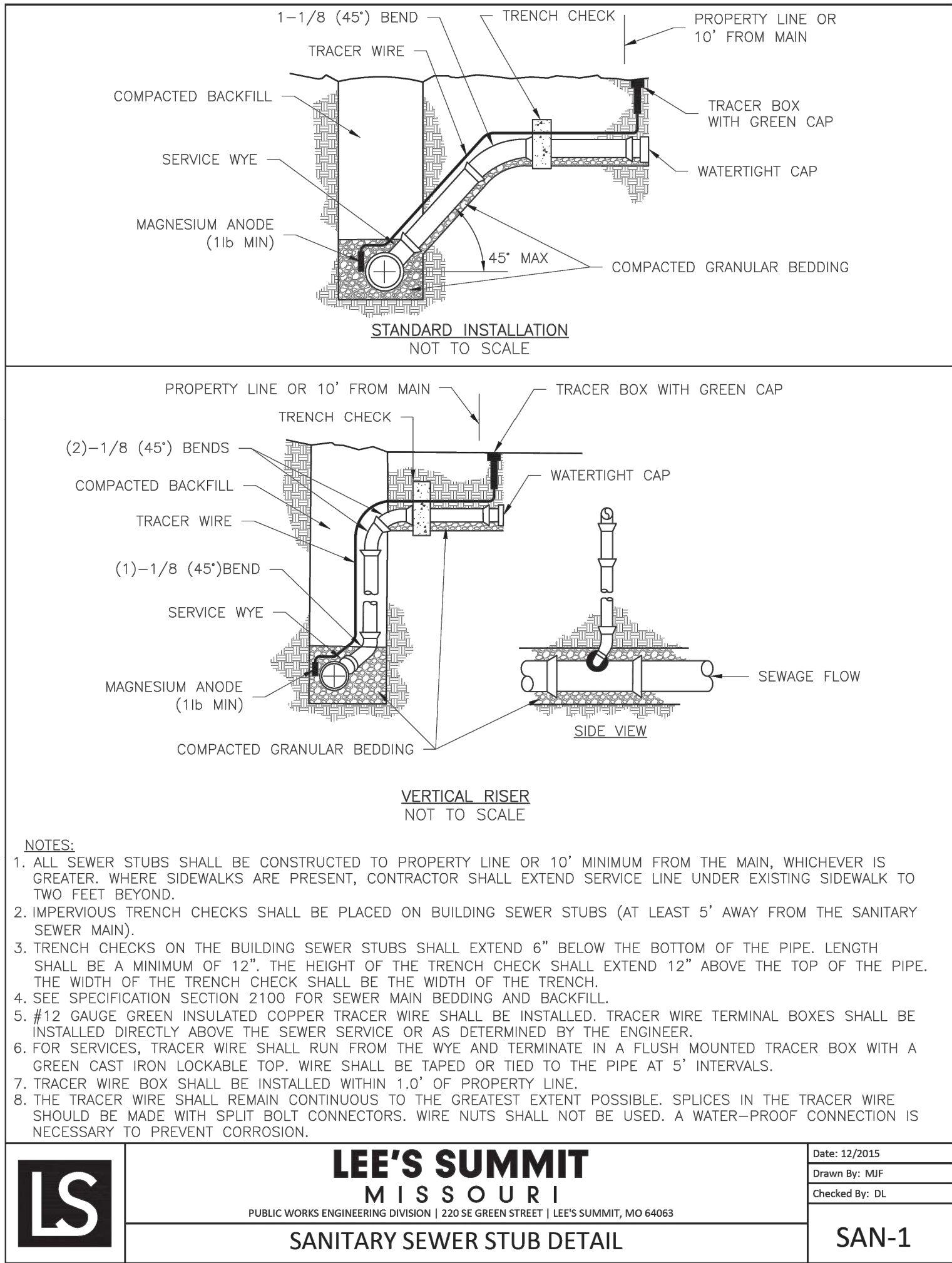
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CONSTRUCTION DETAILS 3

DATE:	December 1, 2023	DRAWING
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FINAL DEVELOPMENT PLAN

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COURTYARDS - BUILDING E

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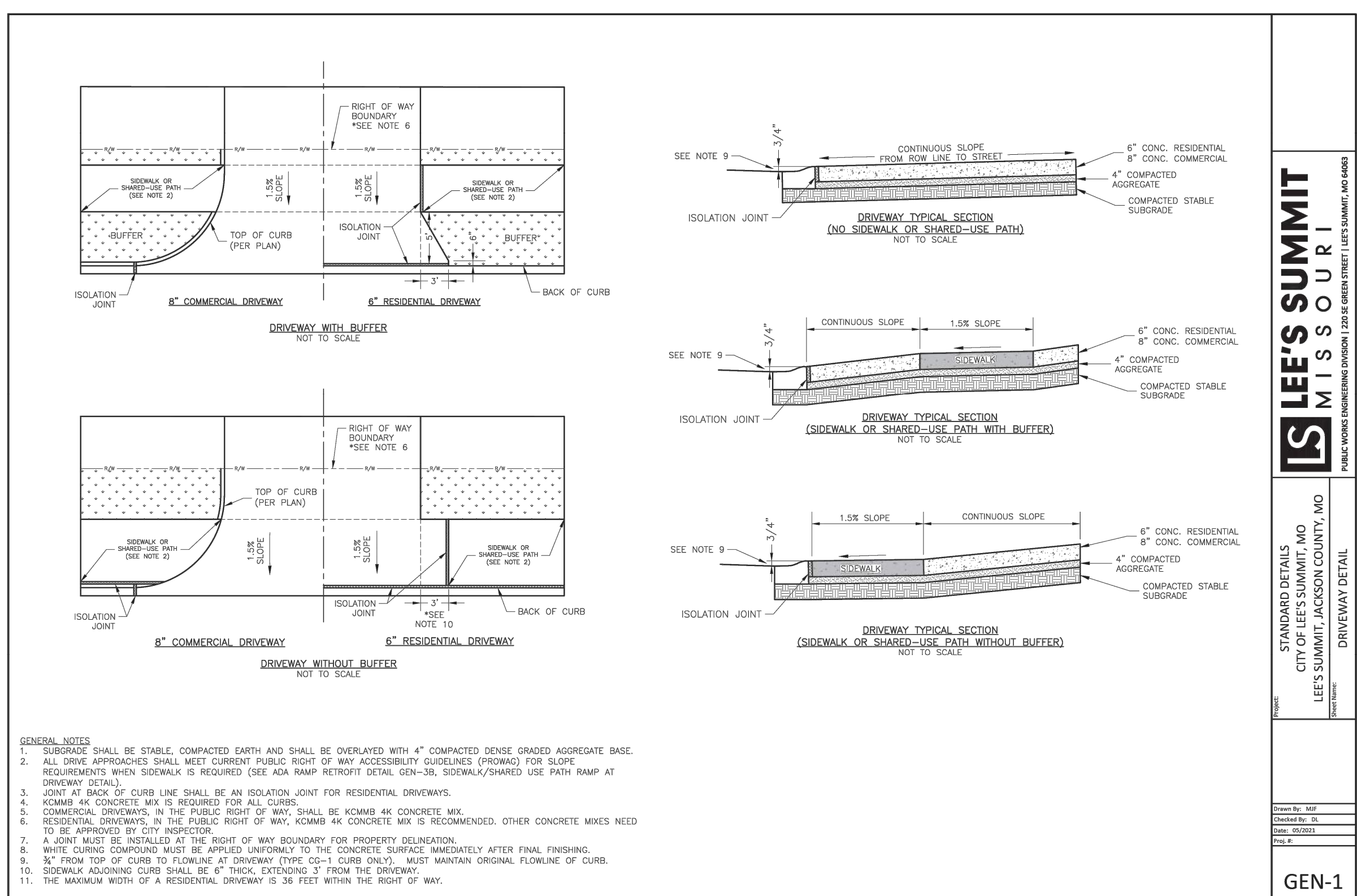
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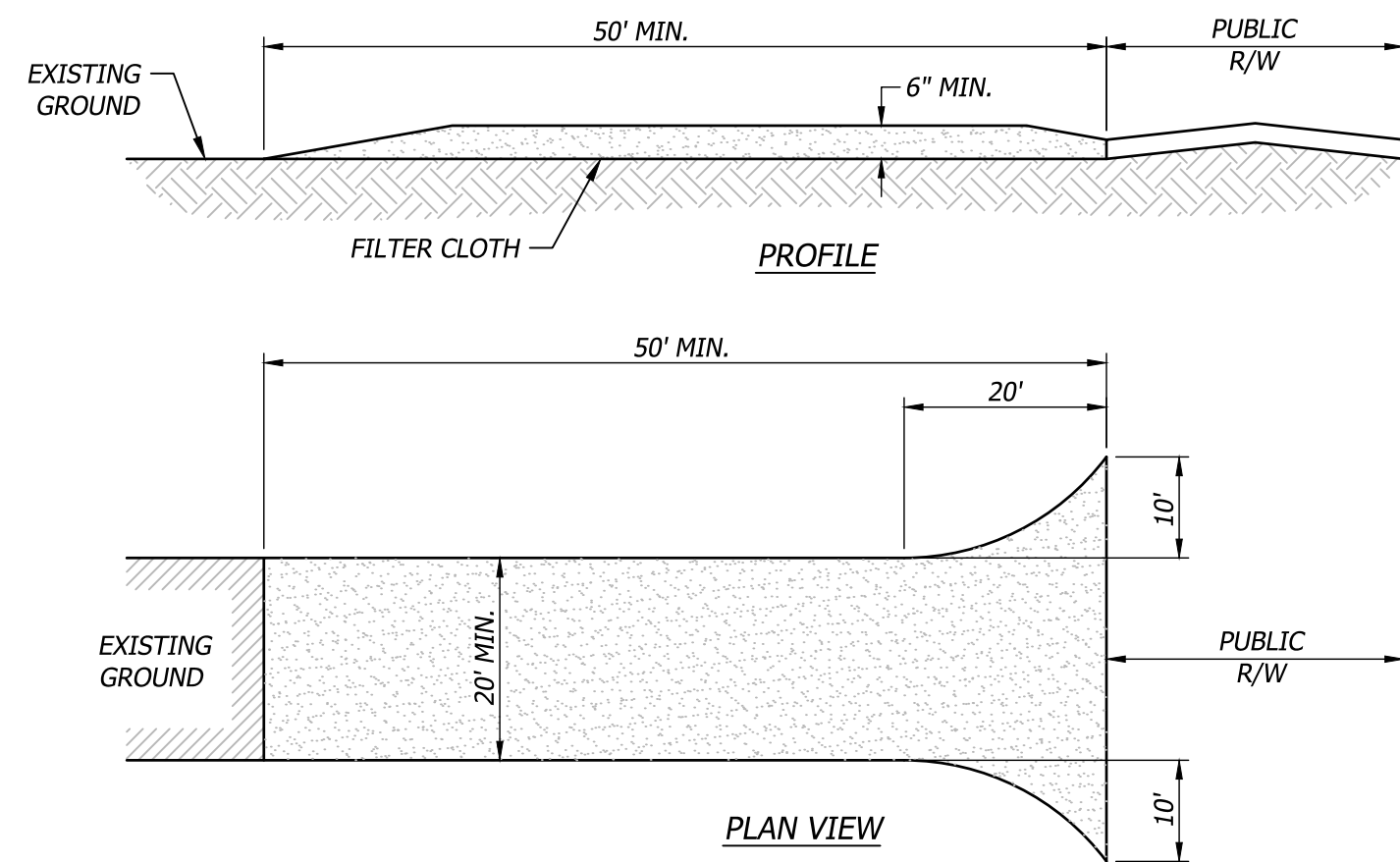
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DATE: December 1, 2023	DRAWING
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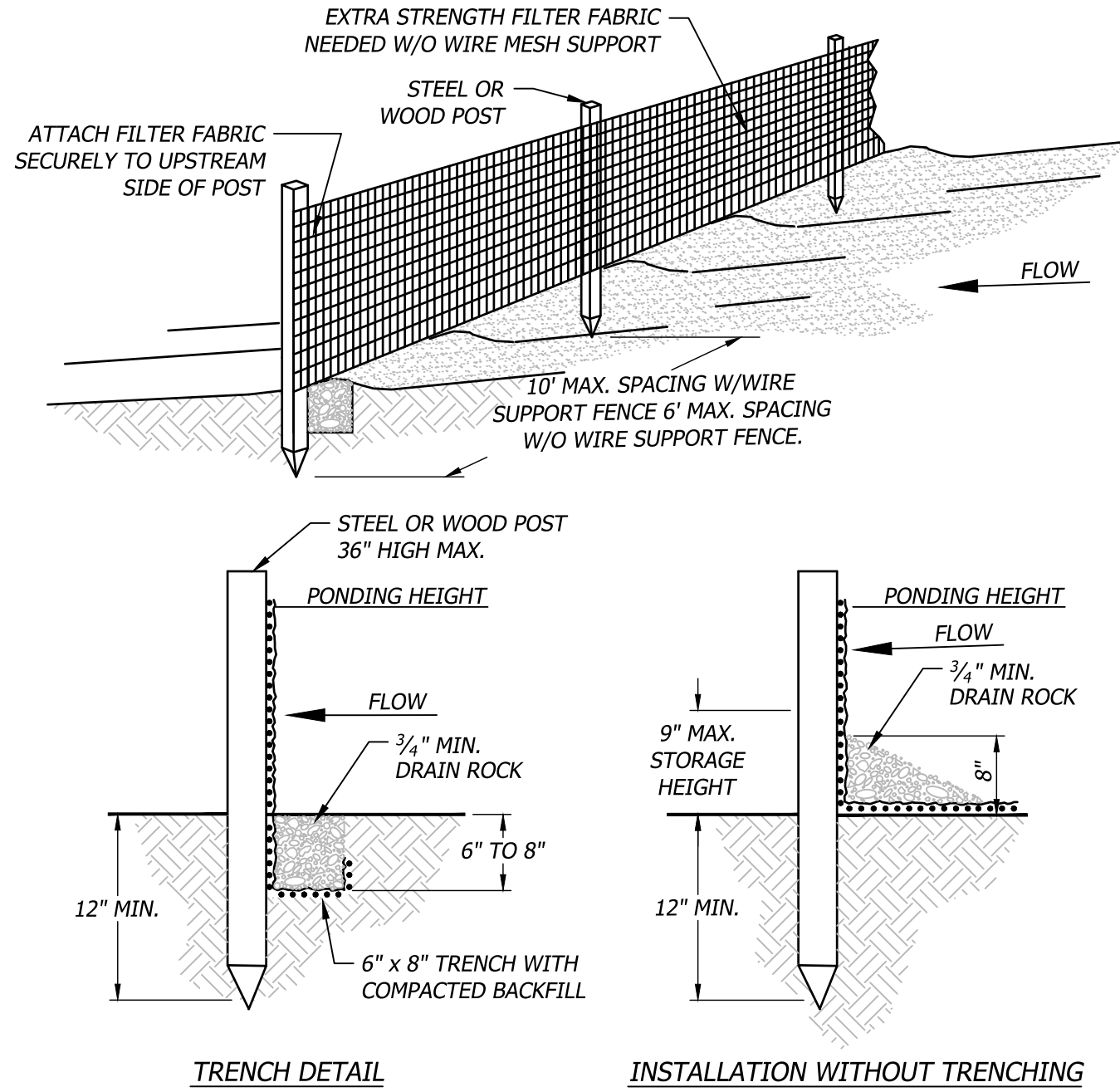
700 Concrete Driveway Entrance with Buffer
Not to Scale



CONSTRUCTION SPECIFICATIONS:

1. STONE SIZE - USE (2) INCH STONE, OR RECLAIMED OR RECYCLED EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN (50) FEET.
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWENTY (20) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 3:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AS NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

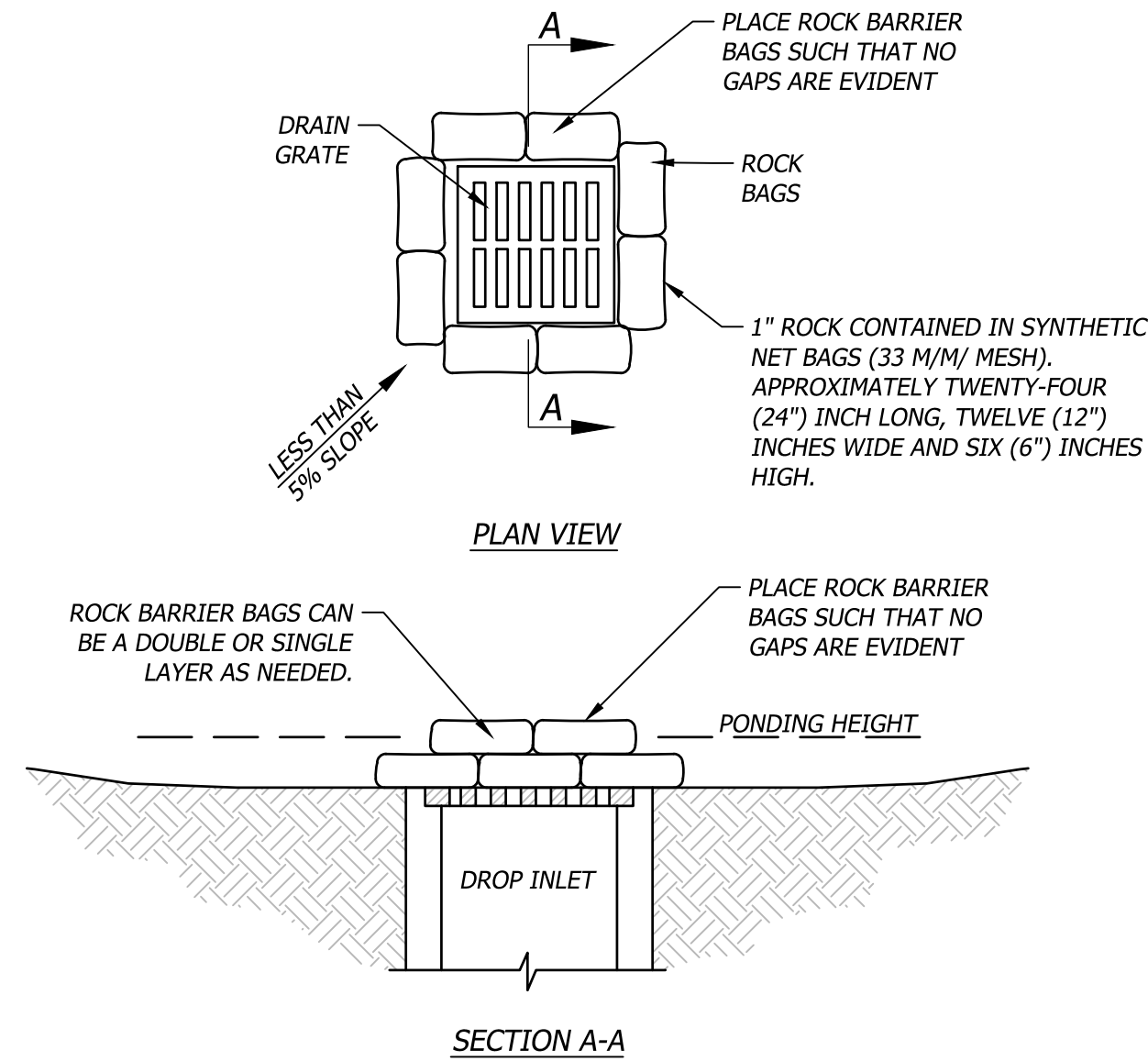
600 Temporary Construction Entrance
Not to Scale



NOTES:

1. MUST BE INSTALLED PROPERLY TO AVOID NOTICE OF VIOLATION.
2. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE POUNDING EFFICIENCY.
3. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" MAXIMUM RECOMMENDED STORAGE HEIGHT.
4. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE TO SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

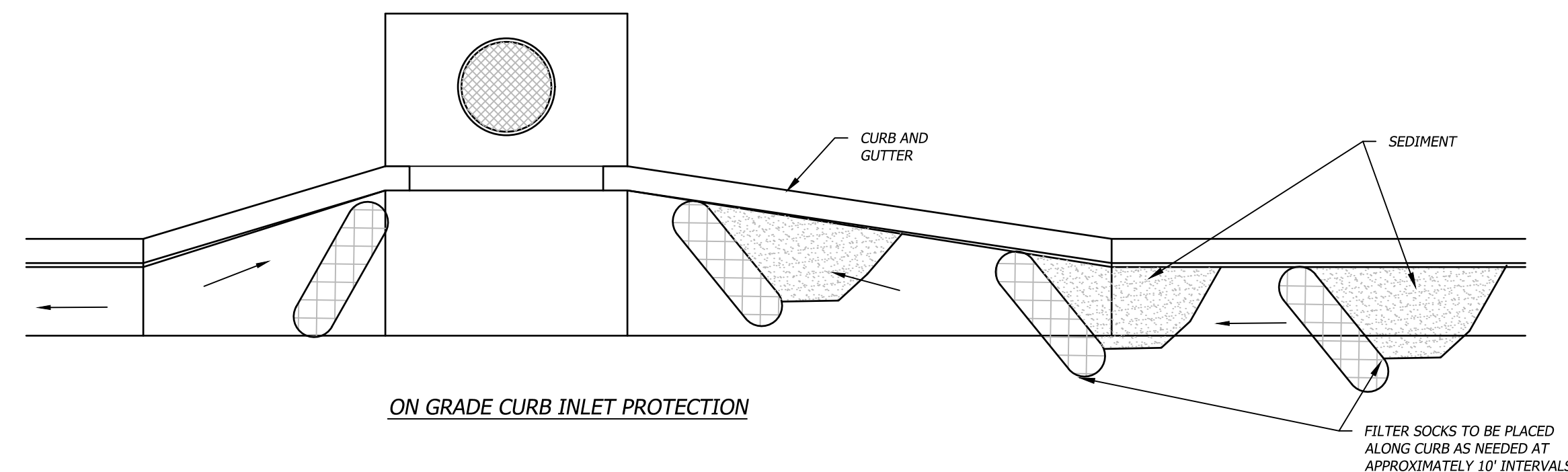
601 Filter Fabric Silt Fence
Not to Scale



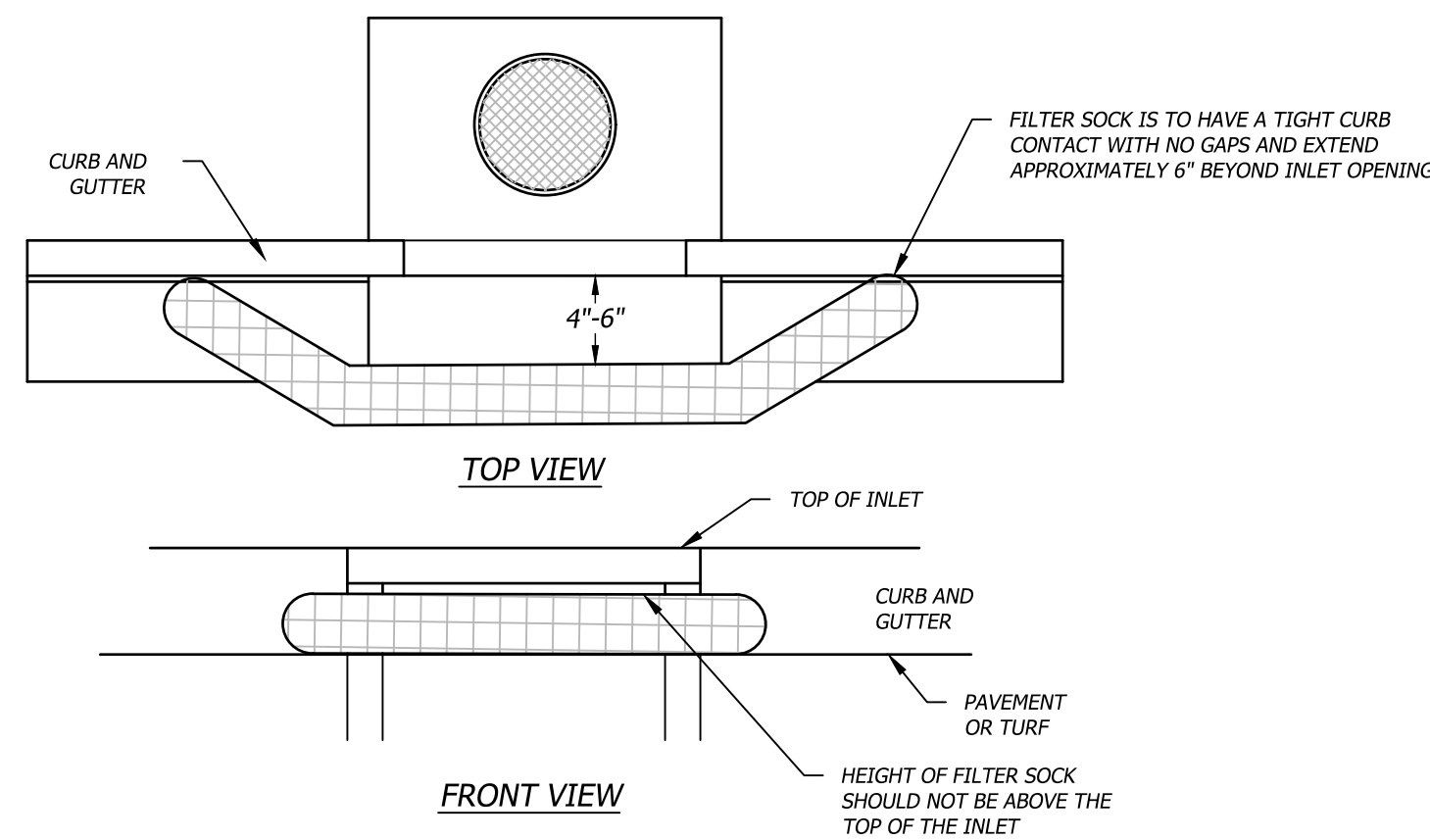
NOTES:

1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS. (LESS THAN 5%.)
2. A "REASONABLE" DESIGN SIZE PARTICLE TO CAPTURE MUST BE SELECTED.
3. SIZE DISTRIBUTION OF UPSTREAM SOIL PARTICLES MUST BE EVALUATED.
4. INFLOW AND OUTFLOW FROM THE SYSTEM FOR A SPECIFIC FREQUENCY STORM MUST BE KNOWN.
5. POND VOLUME IS DIRECTLY PROPORTIONAL TO THE DISCHARGE RATE OF WATER FROM THE SYSTEM.
6. POND VOLUME IS INVERSELY PROPORTIONAL TO THE MASS OF THE DESIGN SIZE SUSPENDED PARTICLE.
7. A SYSTEM MUST PROVIDE SUFFICIENT FLOW TO ALLOW FOR DEPOSITION OF DESIGN SIZE PARTICLES.
8. THE PONDING HEIGHT MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BYPASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.

603 Rock Bag Drop Inlet Barrier
Not to Scale

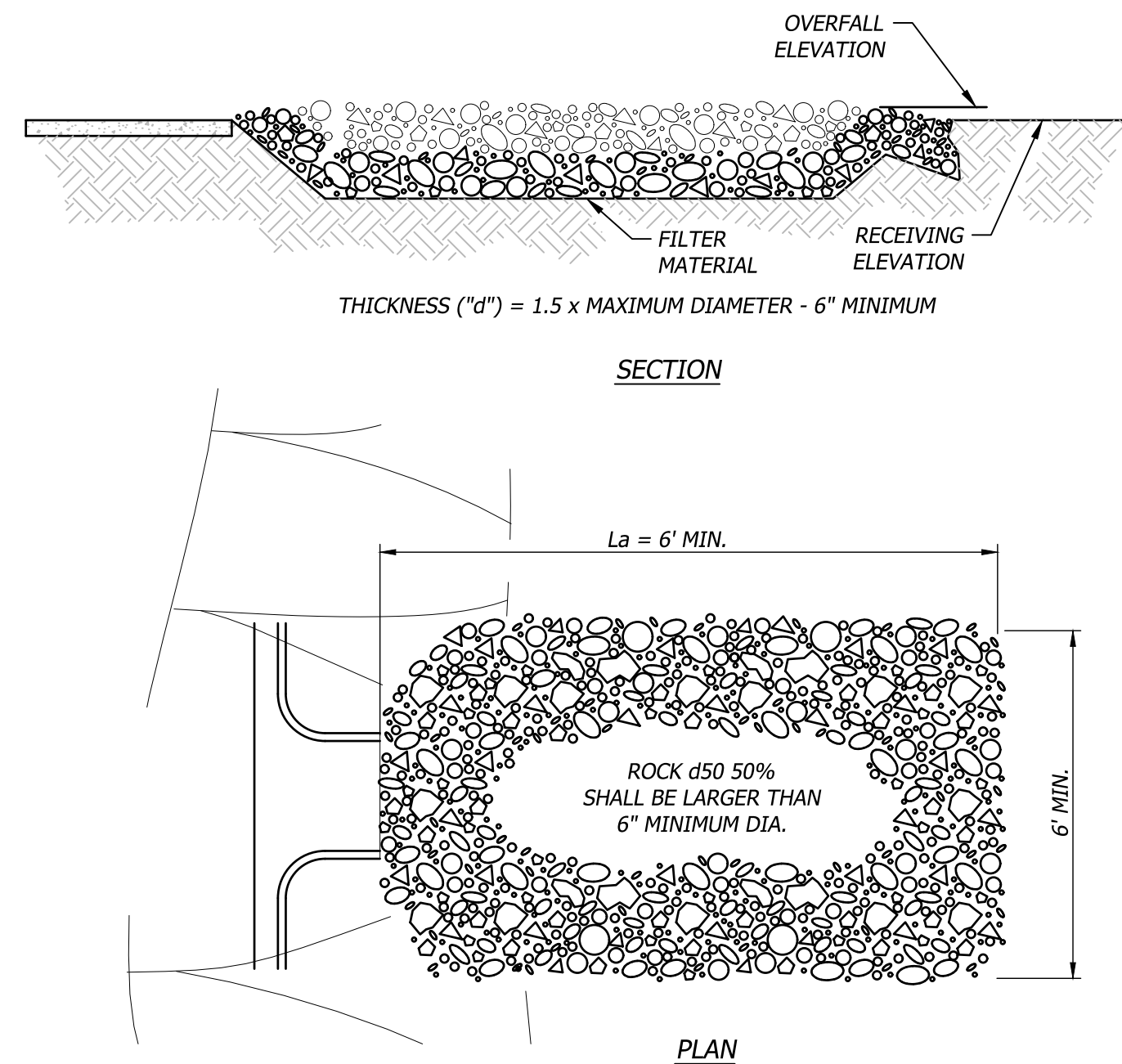


ON GRADE CURB INLET PROTECTION



SUMP INLET SEDIMENT FILTER

617 Inlet Filter Bags
Not to Scale



NOTES:

1. 'La' = LENGTH OF APRON. DISTANCE 'La' SHALL BE OF SUFFICIENT LENGTH TO DISSIPATE ENERGY.
2. APRON SHALL BE AT A ZERO GRADE AND ALIGNED STRAIGHT.
3. FILTER MATERIAL SHALL BE FILTER FABRIC OR 6" THICK MINIMUM GRADED GRAVEL LAYER.
4. SIDE SLOPES SHALL BE 4:1 UNLESS NOTED OTHERWISE.
5. ROCK SHALL CONFORM TO MODOT SECTION 1114.2(b) STONE FOR AGGREGATE DITCH LINING.

605 Concrete Washout
Not to Scale



**FINAL
DEVELOPMENT PLAN**

PROJECT TITLE



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DRAWING TITLE

**EROSION CONTROL
DETAILS**

DATE: December 1, 2023	DRAWING
COMM. NO. 23104.00	C8.0

TREE PROTECTION & REMOVAL NOTES

GUIDELINES:

1. Tree Caliper (TrCa) shall be documented at the outset of construction activities. TrCa measurement shall follow standards found in "Timber Cruising Handbook," chapter 10 produced by the U.S. Forest Service.
2. Tree Protection Zone (TPZ) is to be calculated and clearly marked around each Existing Trees to Remain (ExTR) prior to construction. The TPZ is 1.5 feet away in radial distance from the tree trunk for every inch in Tree Caliper. (example: 28" TrCa x 1.5 = 42' TPZ)
3. Within the TPZ, critical areas such as flood plains and steep slopes should be left in their pre-construction condition.
4. Tree protection & preservation provides proactive management of ExTR throughout construction and other activities that may adversely affect ExTR and to manage and minimize damage from construction practices. Tree maintenance shall be performed only by an ISA Certified arborist who is familiar with the practices and hazards of arboriculture and equipment used in such operations.
5. Out the outset of construction, all trees indicated for removal shall have their trunks marked with bright orange paint on all visible sides.

TREE PROTECTION MEASURES:

1. Temporary Fencing: Install temporary fencing around tree protection zones (TPZ) to protect Existing Trees to Remain (EXTR) from construction damage. Maintain temporary fence and remove when construction is complete. Fencing should be the last item removed after completion of project. This fencing will be erected at the TPZ for each EXTR. Fencing shall comply with 02/L0.3. Fencing will be rigidly supported and maintained during all construction periods at the detailed minimum height above grade.
2. Laminated signs stating "No Entry, Tree Protection Area" in both English and Spanish are to be posted at thirty foot (30') intervals or on all four (4) cardinal sides--whichever is greater.
3. Protect tree root systems from damage caused by runoff or spillage of noxious materials while mixing, placing, or storing construction materials.
4. Protect root systems from ponding, eroding, or excessive wetting caused by watering operations.
6. Do not store construction materials, debris, or excavated material inside tree protection zones.
7. Do not permit vehicles or foot traffic within TPZs; prevent soil compaction over root systems.
8. Maintain TPZs free of weeds and trash.

TREE PRUNING:

1. Trees to remain that are affected by temporary and permanent construction shall be pruned according to current ANSI A300 pruning standards.
 2. Trees to remain shall be pruned by an ISA Certified arborist to remove dead limbs, to achieve a more uniform appearance, and to keep them in a healthy state throughout construction proceedings.
- EXCAVATION:**
1. Do not excavate within tree protection zones, unless otherwise indicated and approved. Before excavation, pad preparation, or grading for foundations, footings, walls, or trenching, relevant trees shall be root pruned 1 foot outside the tree protection zone as described below.
 2. Where excavation for new construction is required within tree protection zones and approved, hand prune or utilize root pruning techniques described below prior to excavation.
 3. Do not allow exposed roots to dry out before placing permanent backfill. Provide temporary earth cover or pack with organic material and wrap with burlap. Water and maintain in a moist condition. Temporarily support and protect roots from damage until they are permanently relocated and covered with soil.
 4. Where utility trenches are required near tree protection zones, tunnel under or around roots by drilling, auger boring, pipe jacking, or digging by hand around individual roots to mitigate damage to the root system and tree. A Supersonic Air tool (air spade) can also be used safely to open trenches without severing roots. See 03/L0.3.
 5. Root Pruning: where required and approved, shall be done mechanically with a root pruning machine, vibratory plow, or with a narrow trencher with sharp blades. Once a trench is opened up, all exposed roots will be hand pruned to provide clean-cut ends. Do not cut main lateral roots or buttress roots; cut only smaller roots that interfere with installation of utilities. Cut roots with sharp pruning instruments; do not break or pull with backhoe or similar equipment.

DAMAGE MITIGATION AND REPLACEMENT:

1. Promptly repair trees damaged by construction operations within 24 hours. Treat damaged trunks, limbs, and roots according to arborist's written instructions.
2. Remove and replace trees indicated to remain that die or are damaged during construction operations that the arborist determines are incapable of restoring to normal growth pattern.
3. Provide new trees of caliper size and species selected by owner when damaged trees are required to be replaced. Plant and maintain new trees as specified.
4. Aerate surface soil, compacted during construction, 10 feet beyond the drip line and no closer than 36 inches to the tree trunk using vertical mulching techniques or radial aeration techniques as instructed by Landscape Architect.

DISPOSAL OF WASTE MATERIALS:

1. Remove excess excavated material and displaced tree's from owner's property and dispose according to City guidelines.

TREE REPLACEMENT:

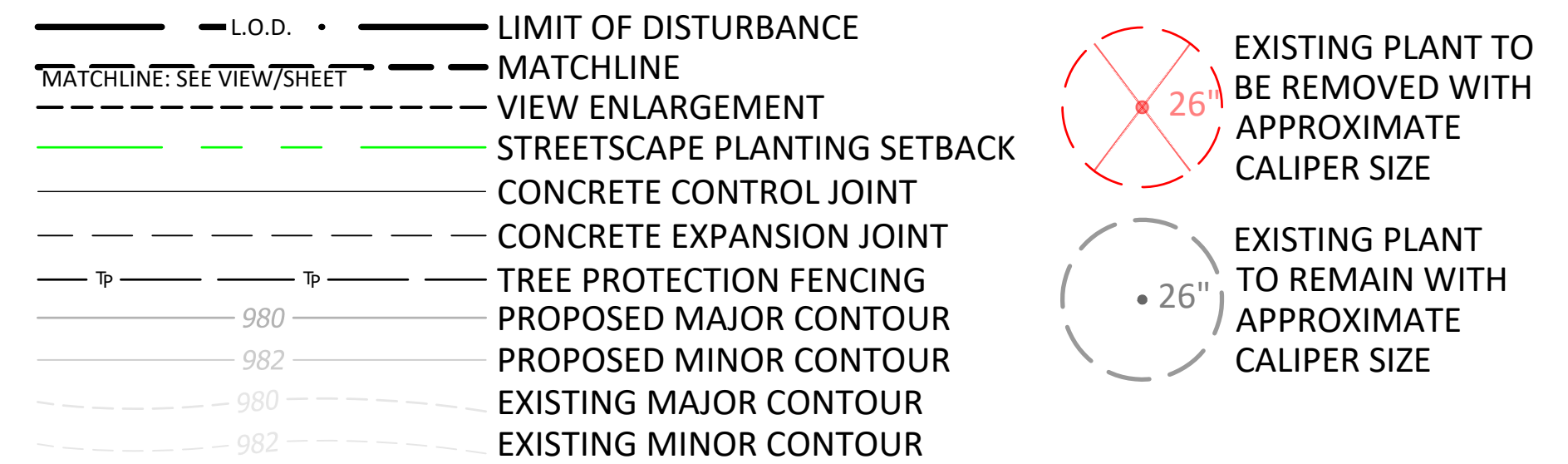
1. In the event that a tree or trees designated for preservation are severely damaged, destroyed or removed, they shall be replaced upon notice by the Landscape Architect at the rates agreed upon.

EXTERIOR IRRIGATION SYSTEM SPECIFICATION

- System Design and Performance Requirements**
1. Provide an automatic, electrically-and centrally-controlled irrigation system for all new planting areas, unless otherwise directed by Owner's Representative.
 2. The irrigation system should be designed to provide complete coverage and prevent overspray on paving and adjacent structures.
 3. Irrigation Contractor must provide an irrigation design for the irrigation lines, sprinkler heads, and drip emitters. The irrigation designer must determine and document the existing water pressure and flow available at each hookup location.
 4. Drip systems are encouraged in planting beds.
 5. Pop-up type sprinkler heads are required.
 6. Base sprinkler selection and spacing on a wind velocity of 10 mph.
 7. Provide a soil moisture sensor for all systems.
 8. Before starting construction, submit a design drawing to Landscape Architect for review and approval.
- B. Submittals:** Submit the following design and construction documents to Landscape Architect
1. Design Documents
 - a. Provide record drawings showing the location and type of all lines, heads, and valves. Use the site landscape drawing background as a base drawing to complete the record drawings. In addition, provide a reduced plan set to be left at the irrigation controller.
 - b. Before starting construction, Irrigation Contractor must submit a list of irrigation systems designed by their irrigation designer over the last five years.
 2. Construction Documents
 - a. Before starting construction, submit:
 - A list of materials
 - Manufacturer specifications and installation procedures
 - Flow and test reports
 - b. Provide the following operation and maintenance documentation:
 - A watering log (left at the irrigation controller)
 - A list of the closed suppliers for all heads, valves, and the irrigation system controller
 - Two copies of an operational manual (submit upon project completion)
- C. Product Standards**
1. Provide Owner's Representative with a product guarantee for the valves, heads, and drip lines used on the project.
- D. Materials**
1. All exterior irrigation pipe and fittings must be Class 200-DR 21 polyvinyl chloride (PVC) water pipe, extruded from virgin parent material, that conform to ASTM 2241 standards.
 2. All sprinkler heads must be:
 - Industrial-grade
 - Full or adjustable, part-circle rotary pop-up, with a single or double nozzle
 - Driven by a hydraulic turbine-type motor or oscillating impact-type drive
 - Hydraulic valve-in-head model, normally closed
 3. Automatic remote control valves must be electric solenoid-type, with globe screwed patterns, using 24 VAC, 60 Hz power with a running current of 2 W. The valve solenoids must be completely epoxy-encapsulated for positive waterproofing and must include a stainless steel shunt band. The valves must open and close slowly (in not less than 5 seconds) by means of a potential fluid resistor to avoid damage or surge pressures. All wiring in PVC conduits.
 4. The automatic controller must be capable of 14-day programmability, with infinite timing from 0 to 60 seconds on each station, and no time lag between stations. The controller must be UL-listed, with a plug-in transformer using 115 VAC to 24 V circuit breaker protection. The cabinet must be lockable and waterproof.
- E. Special Requirements**
1. Booster pumps may be required when the existing water pressure and flow will not operate the irrigation system properly.
 2. All irrigation systems must have a water meter from the Lee's Summit, Missouri, installed on the water service line inside the building. The purchase of the meter must be part of the Irrigation Contractor's bid.
 3. Provide an air connection (for blowing out the system) and a backflow preventer on all irrigation systems.
- F. Preparation**
1. If existing water to a building will be shut down to provide water for the irrigation system, the Irrigation Contractor, in conjunction with the Owner's Representative, must prepare a shutdown procedure document before starting construction that outlines scheduling and notification requirements.
- G. Installation Guidelines**
1. Where possible, provide a uniform pipe bedding of suitable on-site material. If suitable material is not available, backfill the trench with sand. Using a material similar to the bedding, backfill the entire trench width evenly in 6" lifts to 6" above the top of the pipe. Compact the lifts to at least a 95% Standard Proctor density, meeting ASTM D1556 standards at optimum moisture (or as recommended by the soils engineer). Backfill the remaining trench in lifts to not exceed 12" up to the sub-grade height for the surface condition encountered. Compact the lifts to a 95% Standard Proctor density, meeting ASTM D1556 standards at optimum moisture (or as recommended by the soils engineer). Backfilling and compacting above the subgrade must be determined by the soils engineer or by the recommended paving design for the project.
 2. Bury pressure irrigation lines at a minimum depth of 18". Bury non-pressure lines at a minimum depth of 12".
- H. Quality Control**
1. Work on exterior irrigation systems must conform to the following quality control standards.
 - a. Testing Laboratory: Owner's Representative and/or General Contractor will retain the services of a qualified, independent testing laboratory to perform soil compaction tests, as directed, during construction.

- b. Testing Methodology and Extent: Conduct a coverage test when the sprinkler system is completed.
- I. Cleaning and Adjusting
 1. With the participation of Owner's Representative personnel, the system must be operated before acceptance by Owner's Representative.
- J. Startup and Training
 1. Irrigation Contractor must operate the irrigation system with Owner's Representative maintenance staff present to observe its operation.
 2. Irrigation Contractor must adjust the system over a preventative maintenance period of 90 days and guarantee the system for one year upon acceptance of the system by Owner's Representative.

LANDSCAPE LINETYPES & SYMBOLS LEGEND



LANDSCAPE SET ABBREVIATIONS

L.O.D.	Limits of Disturbance	VAC	Volts Alternating Current
P.O.B.	Point of Beginning	V	Volts
TPZ	Tree Protection Zone	Hz	Hertz (standard unit of frequency)
TrCa	Tree Caliper / Stem Diameter	W	Watts
EXTR	Existing Tree(s) to Remain	PVC	Polyvinyl Chloride
O.C.	On Center	"	Inches
Clr.	Clear (Face to Face)	'	Feet
TYP.	Typical	Ø	Diameter
SIM.	Similar	°	Degrees
EQ.	Equal	¢	Centerline
APPROX.	Approximate	@	At
QTY.	Quantity		
w/	With		
SPD	Standard Proctor Density		



FINAL DEVELOPMENT PLAN

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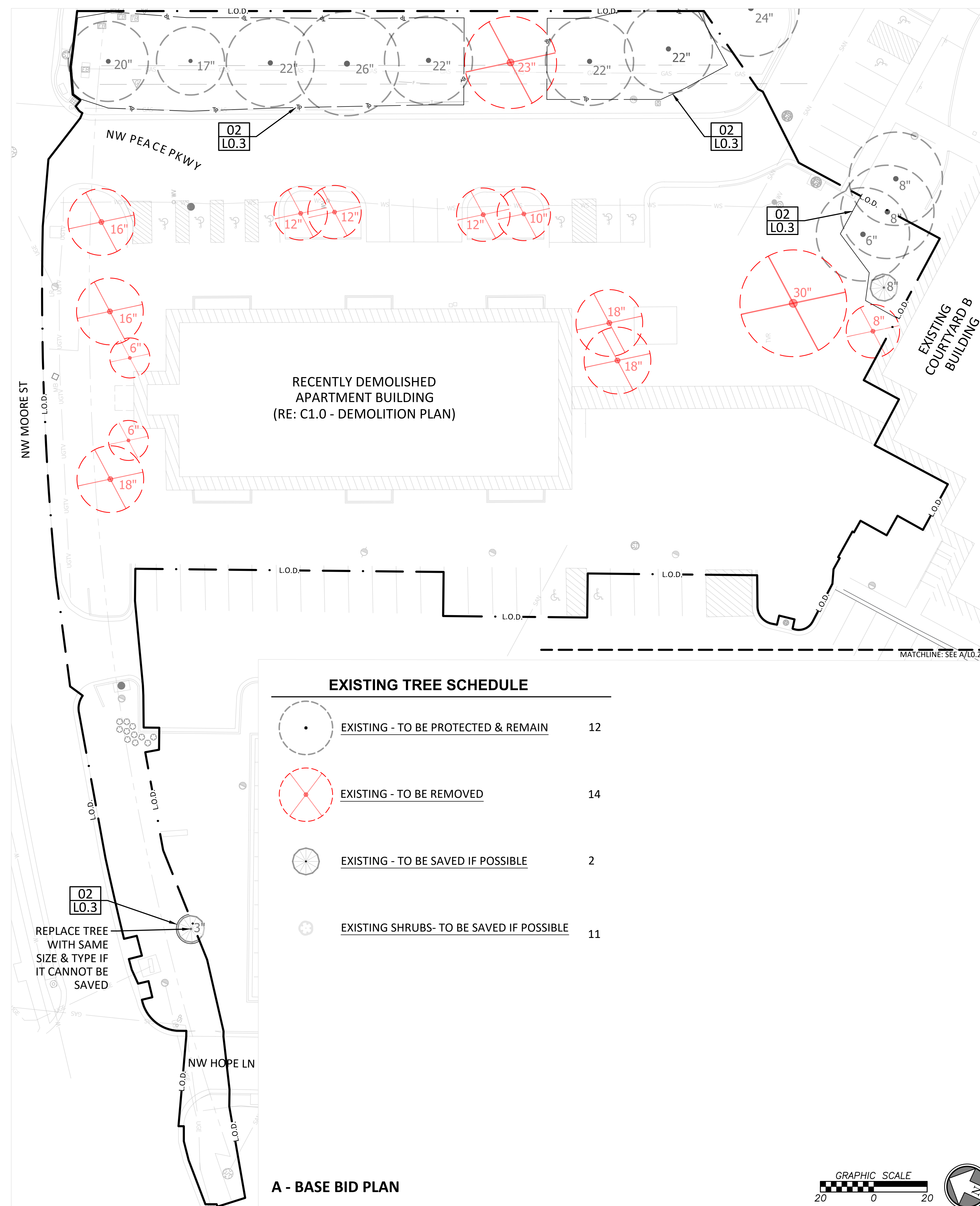
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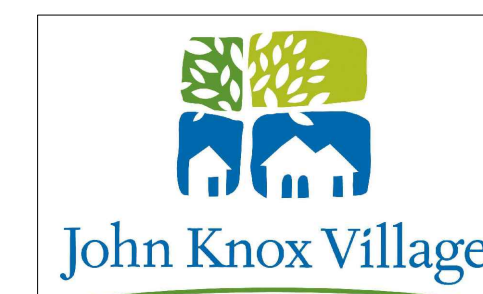
LANDSCAPE PLAN NOTES

DATE: December 1, 2023	DRAWING L0.1
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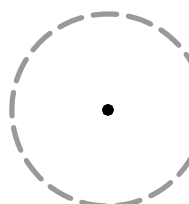
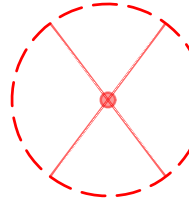
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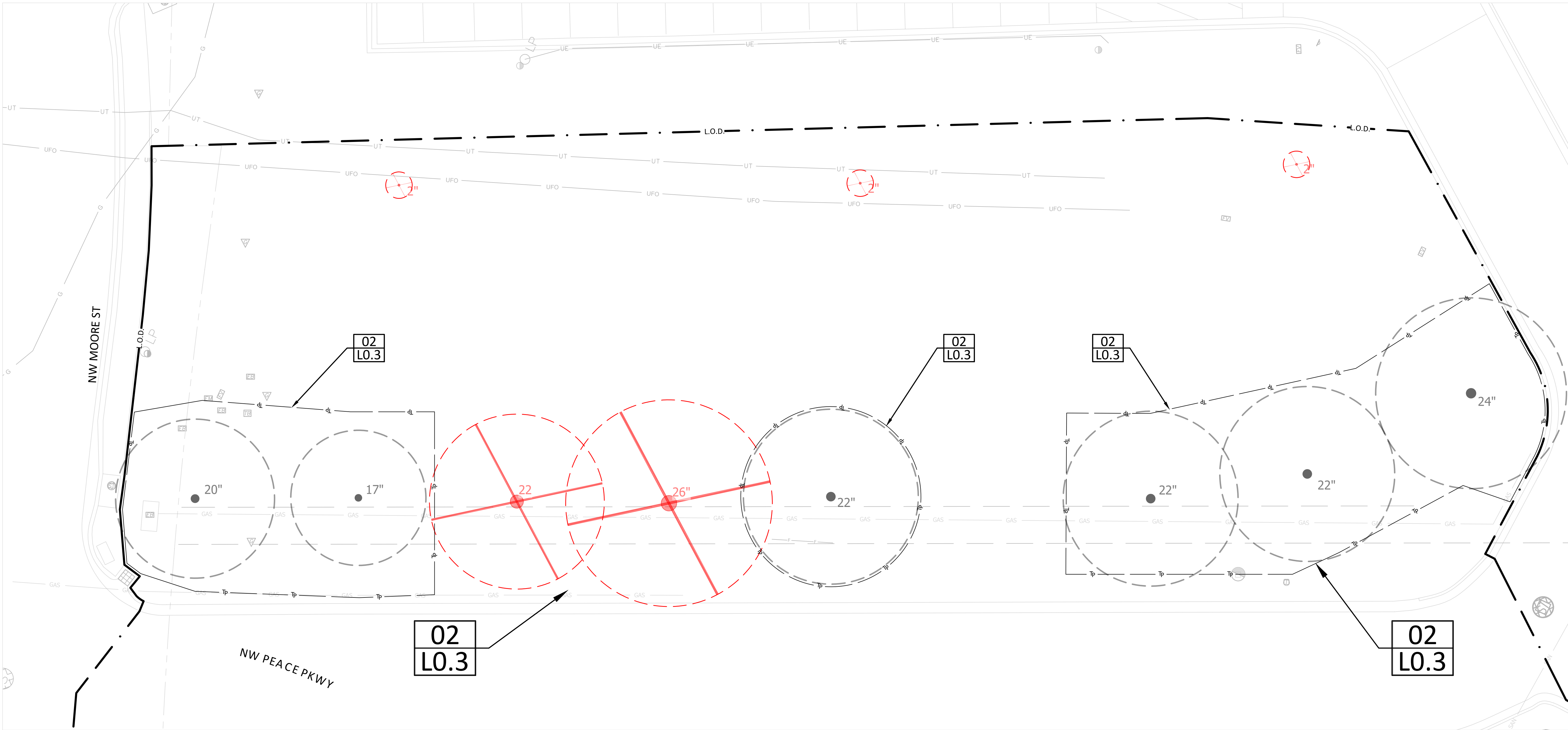
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TREE
PROTECTION &
REMOVAL

DATE:	December 1, 2023	DRAWING L0.2
COMM. NO.	23104.00	

EXISTING TREE SCHEDULE
ADDITIVE ALTERNATIVE 01

	EXISTING - TO BE PROTECTED & REMAIN	6
	EXISTING - TO BE REMOVED	6



A - ADDITIVE ALTERNATE 01 PLAN



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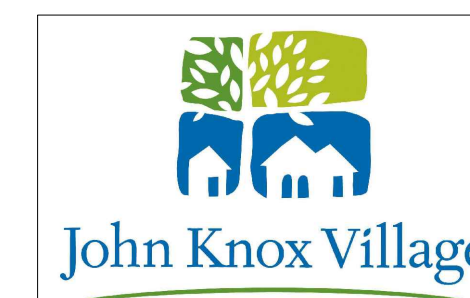
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TREE PROTECTION
& REMOVAL - ADD
ALT 01

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COMM. NO. 23104.00	L0.2A



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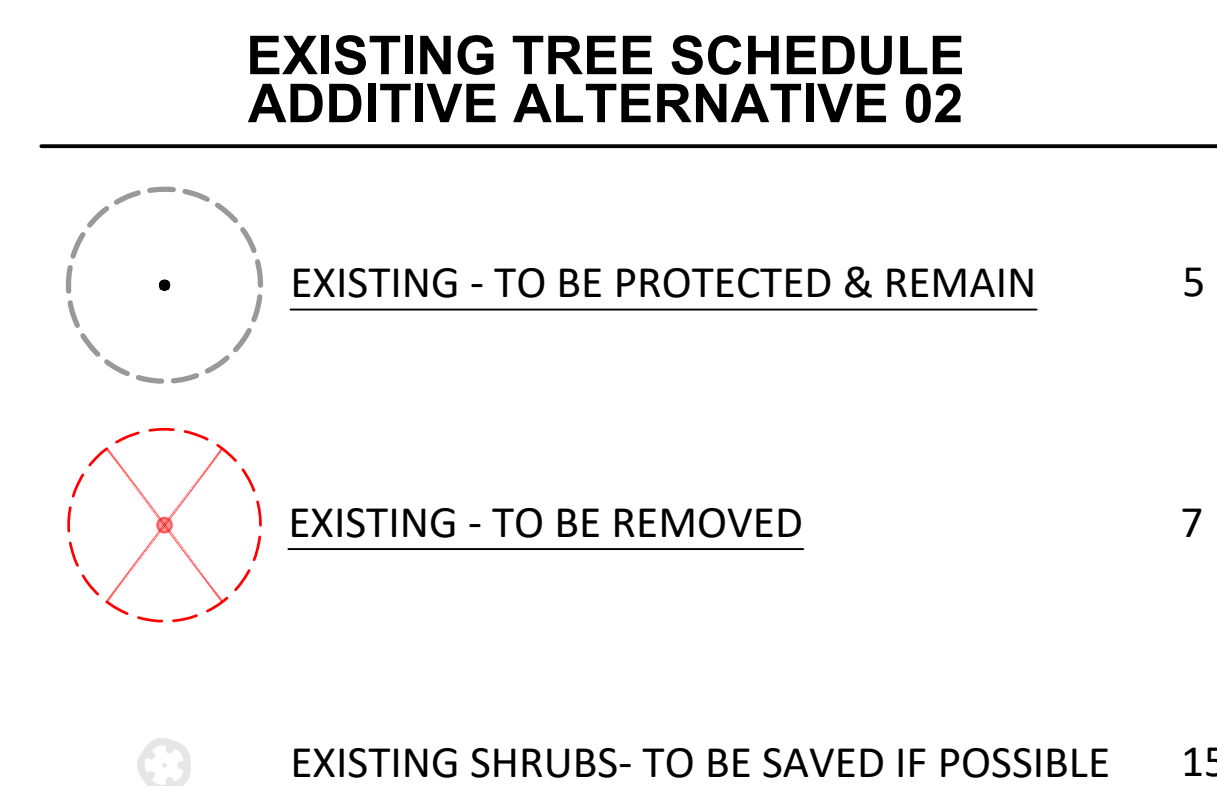
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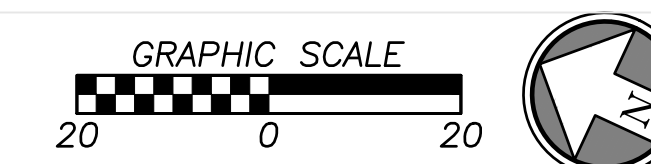
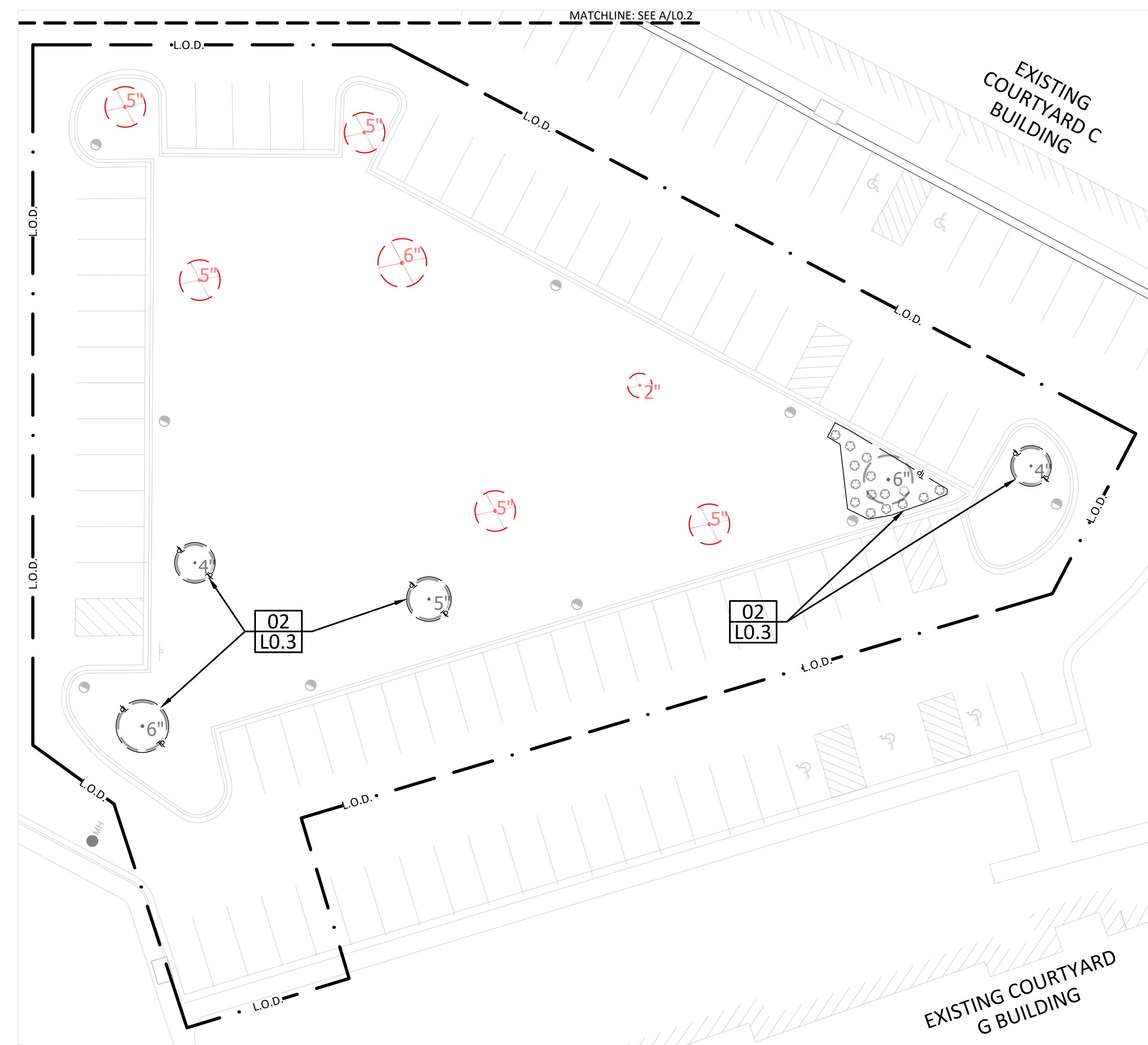
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TREE PROTECTION
& REMOVAL - ADD
ALT 02

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A - ADDITIVE ALTERNATE 02 PLAN





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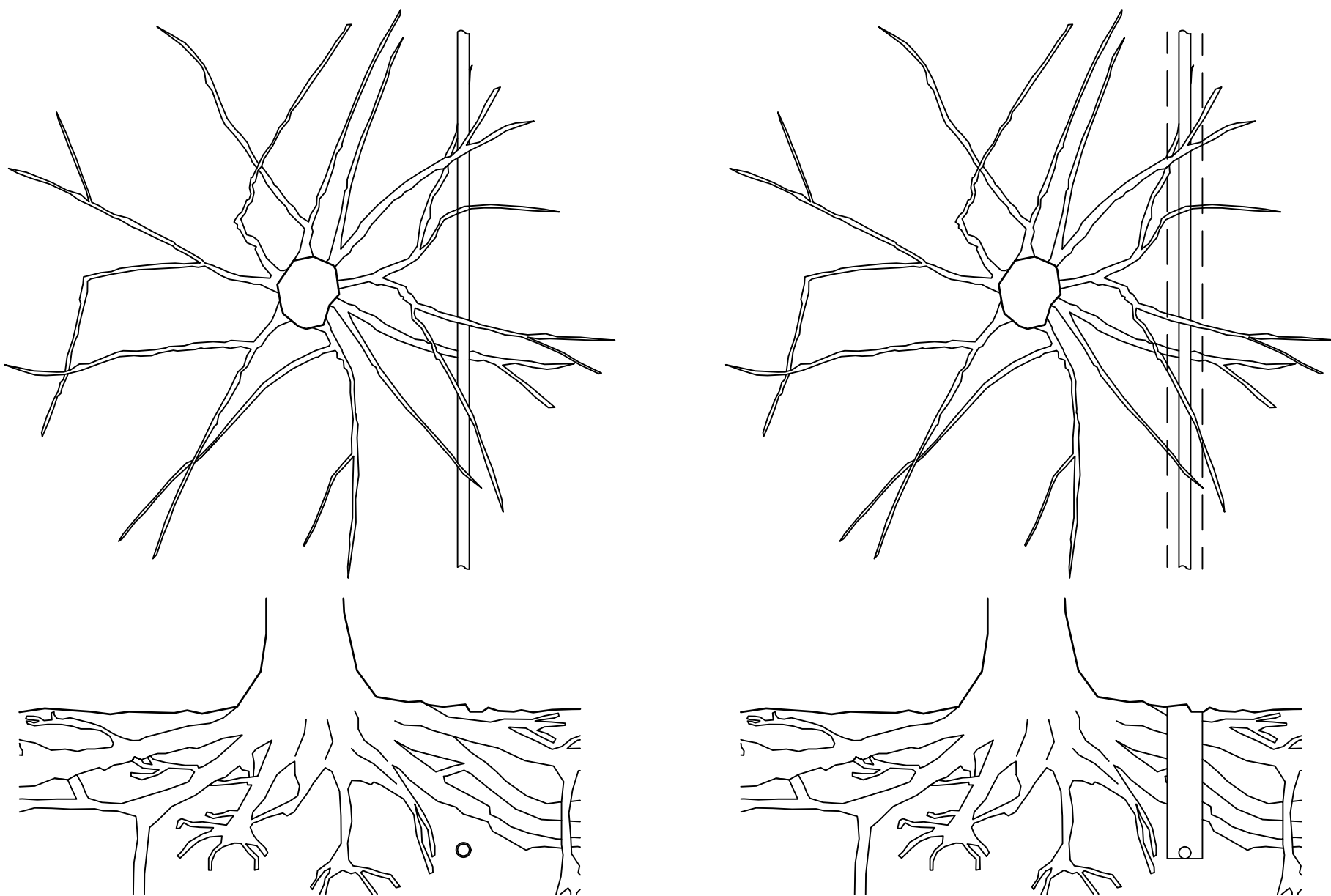
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ARCHITECT : DAS	CHECKED : ADM	
ENGINEER : ERB	APPROVED : CDW	
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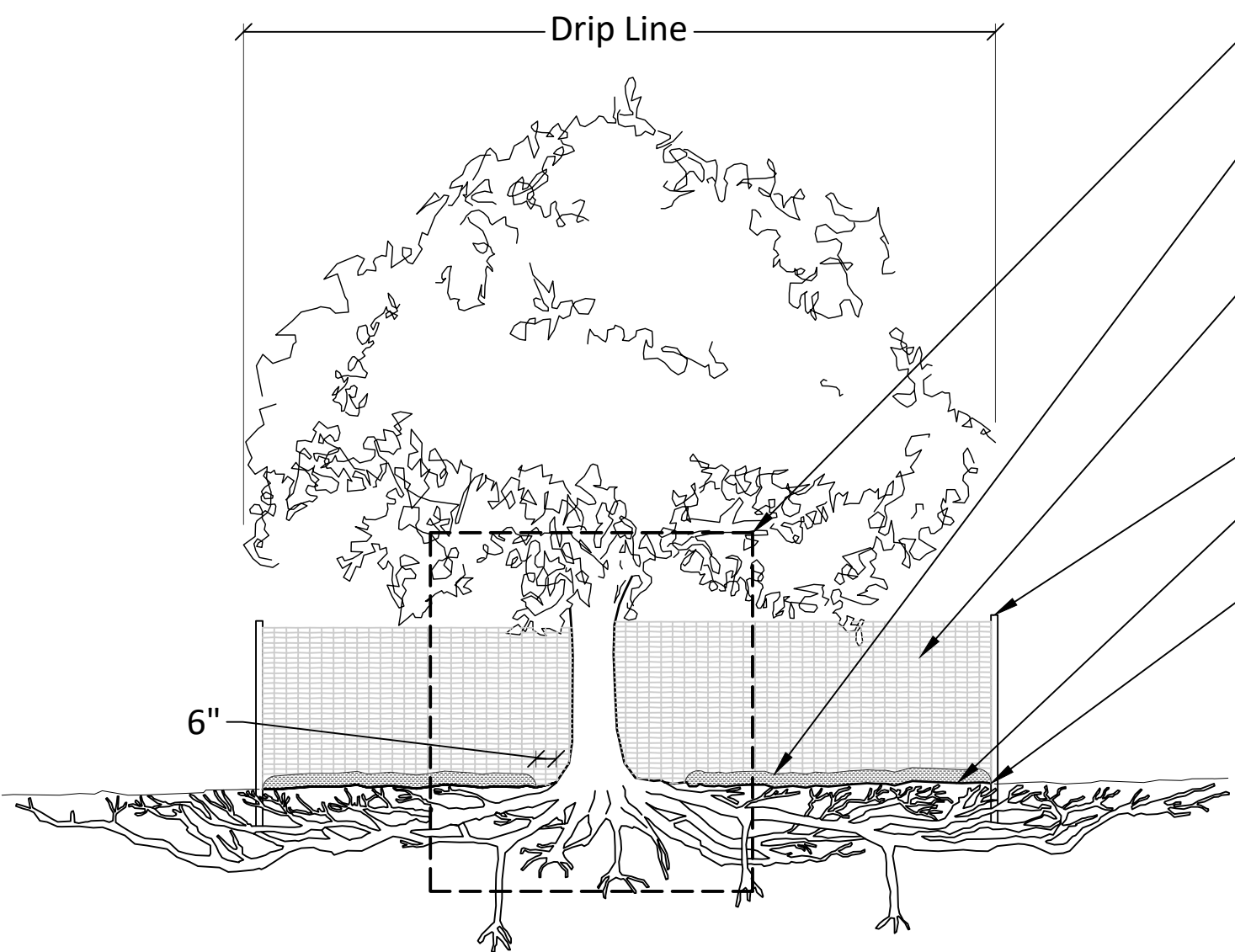
TREE
PROTECTION
DETAILS

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Less damage is done to tree roots if utilities are tunneled under roots (left--top and bottom) rather than trenched across roots (right--top and bottom).

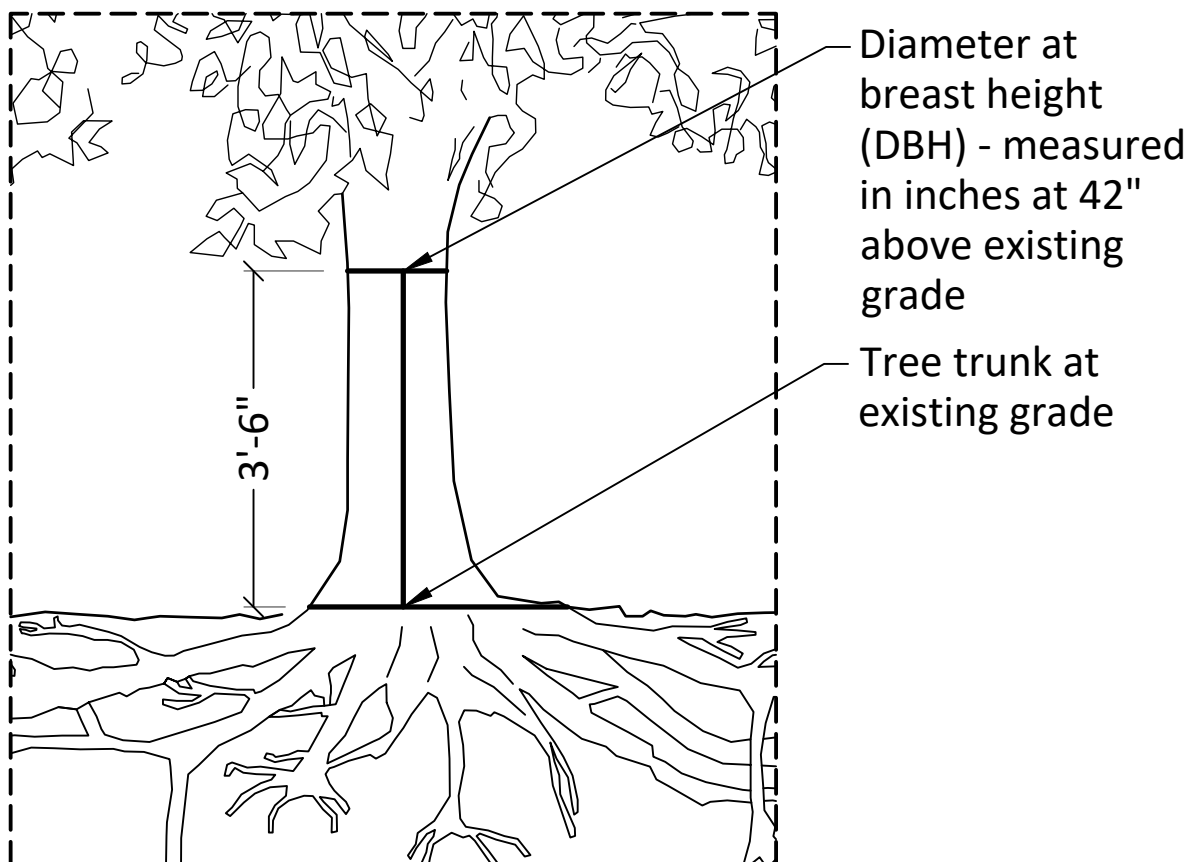
03 Underground Utility Installation
Not to Scale



- Tree Protection Zone (TPZ) detail enlargement (Re: 01/L0.3)
- Apply four inch (4") thickness of organic mulch. Do not place mulch within six inches (6") of the tree trunk to allow the trunk to breathe.
- Tree Protection fence: to be installed at perimeter of TPZ (see Note 3 below). Orange-colored high-density polyethylene fencing with 3.5" x 1.5" openings. Steel posts installed at six feet (6') o.c.
- 2"Ø steel posts or approved equal
- Maintain existing grade within the tree protection fence unless otherwise indicated on the plans.
- Edge of Tree Protection Zone

- Notes:
1. See L0.1 for additional information.
 2. No equipment shall operate inside the protective fencing including during fence installation and removal.
 3. Fencing to be joined together at the edge of CRZs to form larger areas where groupings of plant material exists (Re: L0.2, L0.2A, & L0.2B for approximate layout)

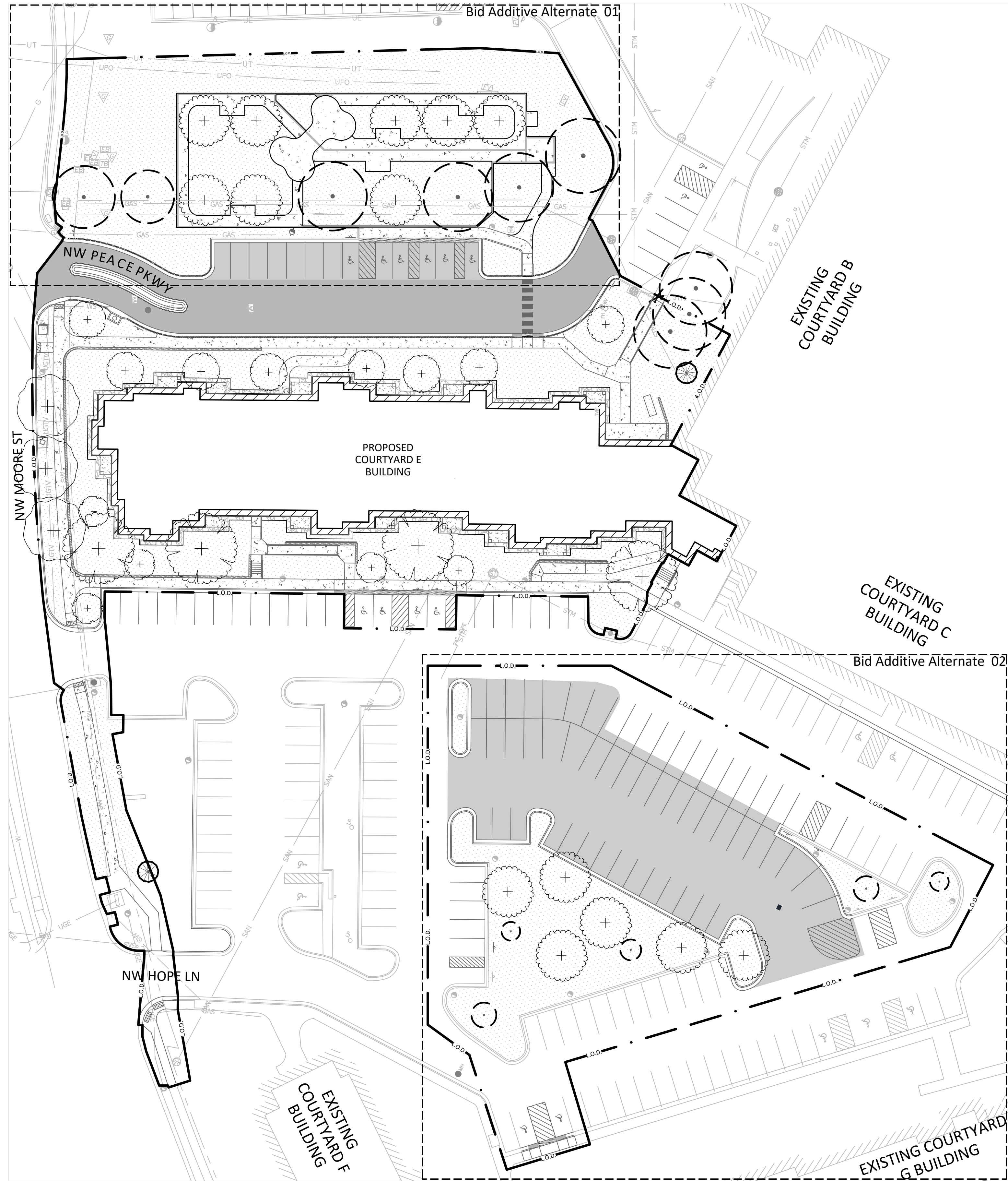
02 Tree Protection Barrier
Not to Scale



TPZ Formula:
DBH x 1.5 = X feet Ø

Example: DBH = 20"
20 x 1.5 = 30' Ø TPZ

01 Tree Protection Zone
Not to Scale



SITE REFERENCE LEGEND	
SYMBOL	DESCRIPTION
	BID ADDITIVE ALTERNATE 01 - DOG PARK
	BID ADDITIVE ALTERNATE 02 - ADDITIONAL PARKING
	PLANTING AREA
	MAINTENANCE STRIP
	10" WIDE CONCRETE MOW STRIP UNDER FENCE
	CONCRETE PAVING
	CONCRETE PAVING (RE: CIVIL)
	PARKING (RE: CIVIL)
	ROADWAY(RE: CIVIL)
	PROPOSED BUILDING OUTLINE (RE: ARCH)
	GROUND LEVEL PATIOS (RE: ARCH)

A - PROJECT EXTENTS



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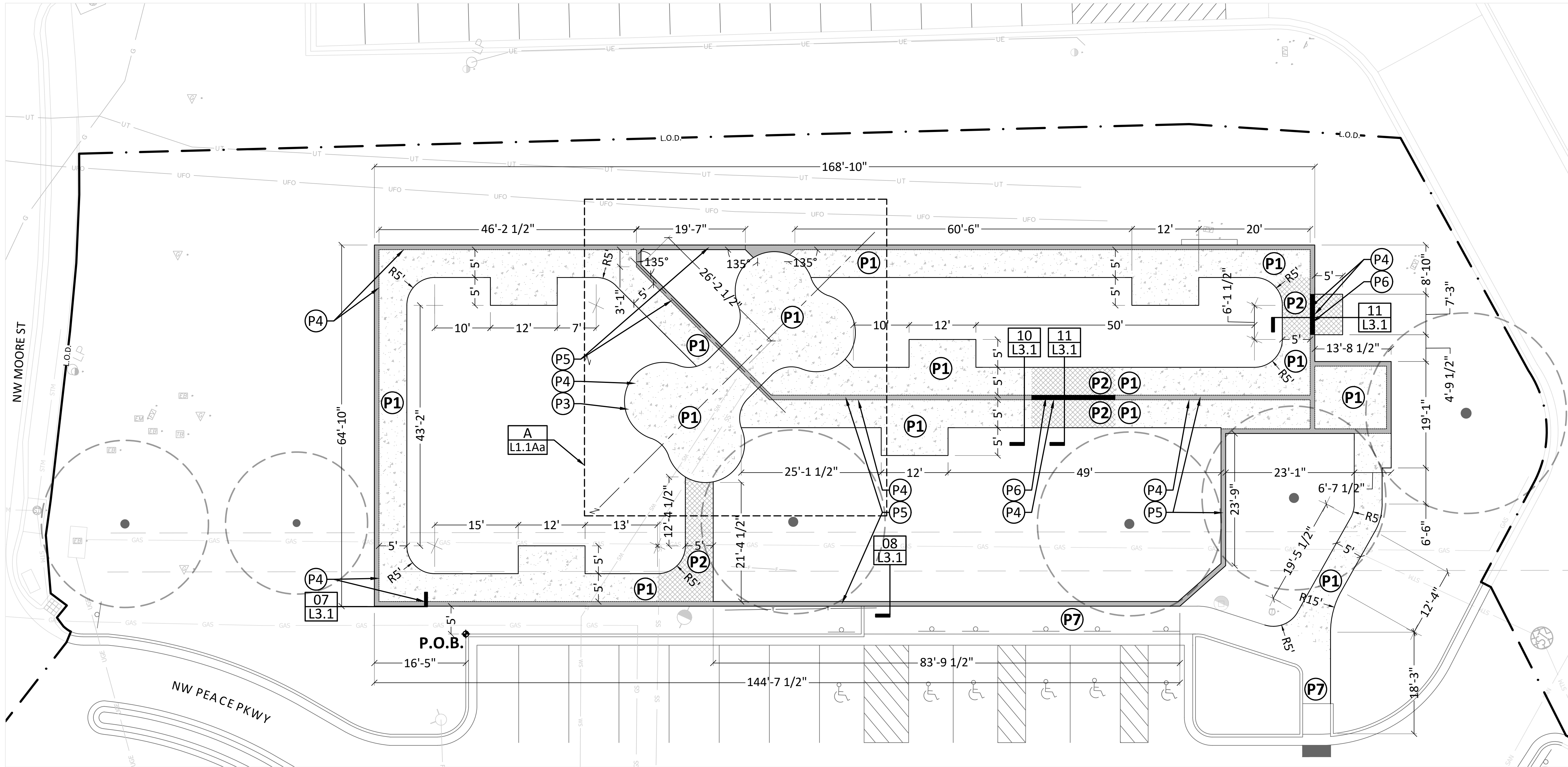
SITE REFERENCE
PLAN

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PAVING SCHEDULE -
BID ADDITIVE ALTERNATE 01

Px	Type	Color / Product	Finish / Size	Joints / Additional Notes	Approx. Qty.
P1	LIGHT-DUTY CONCRETE	KCMMB 4K; STANDARD GRAY	MEDIUM BROOM FINISH	TOOLED CONTROL JOINTS SPACED AS SHOWN RE: 04/L3.1	3241 SF
P2	HEAVY DUTY CONCRETE	KCMMB 4K; STANDARD GRAY	MEDIUM BROOM FINISH	TOOLED CONTROL JOINTS SPACED AS SHOWN RE: 04/L3.1	323 SF
P3	DONOR PAVERS			RE: OWNER'S REPRESENTATIVE	
P4	ISOLATION JOINT	CLOSED-CELL POLYETHYLENE FLAT BACKER ROD		WHERE INDICATED ON PLAN AND PER DETAILS; ADD AT ALL VERTICAL SURFACES RE: 05 & 06/L3.1	
P5	10" CONCRETE MOW STRIP UNDER FENCE	KCMMB 4K; STANDARD GRAY	MEDIUM BROOM FINISH	ISOLATION JOINTS WHERE INDICATED PER DETAIL 10/L3.1	537 SF
P6	HEAVY DUTY 10" CONCRETE MOW STRIP	KCMMB 4K; STANDARD GRAY	MEDIUM BROOM FINISH	ISOLATION JOINTS WHERE INDICATED PER DETAIL 11/L3.1	537 SF
P7	CONCRETE SIDEWALK	RE: CIVIL	MEDIUM BROOM FINISH	TOOLED CONTROL JOINTS SPACED AS SHOWN RE: 04/L3.1	RE: CIVIL

- NOTES:
- Clay soils should be pre-wet before compaction and laying cementitious mixture.
 - Concrete pours should end at joint locations. All construction joint locations to become expansion joints.
 - Place expansion joints wherever the sidewalk abuts another rigid structure.
 - Concrete mix shall use type and kind for current weather conditions and shall be protected while curing as required. (RE: Civil)



A - ADDITIVE ALTERNATE 01 PLAN



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DRAWING TITLE
PAVING LAYOUT -
ADD ALT 01

DATE: December 1, 2023	DRAWING
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PROJECT TITLE



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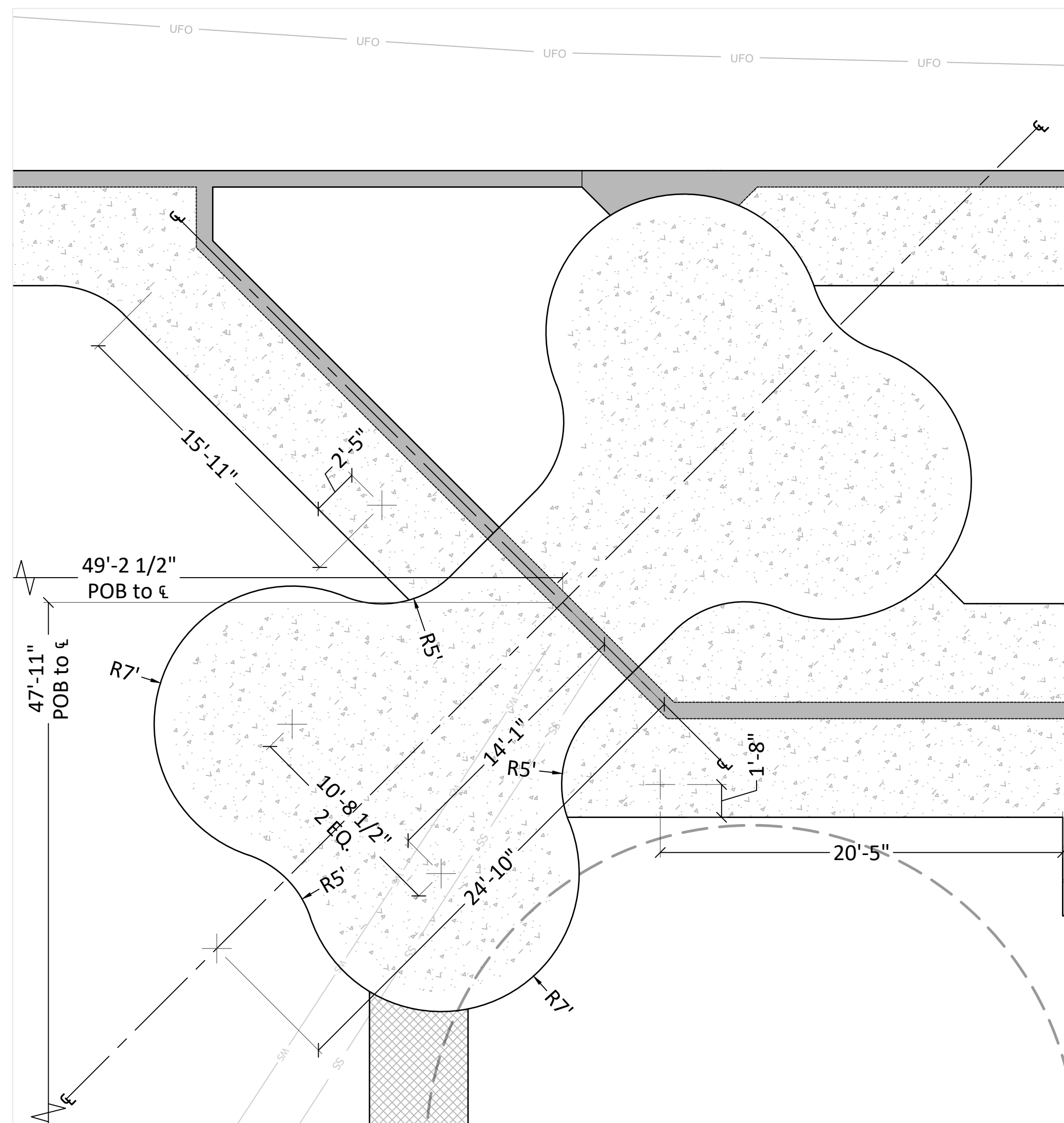


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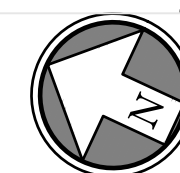
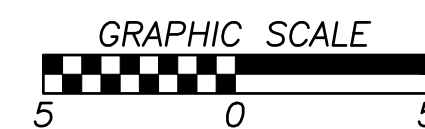
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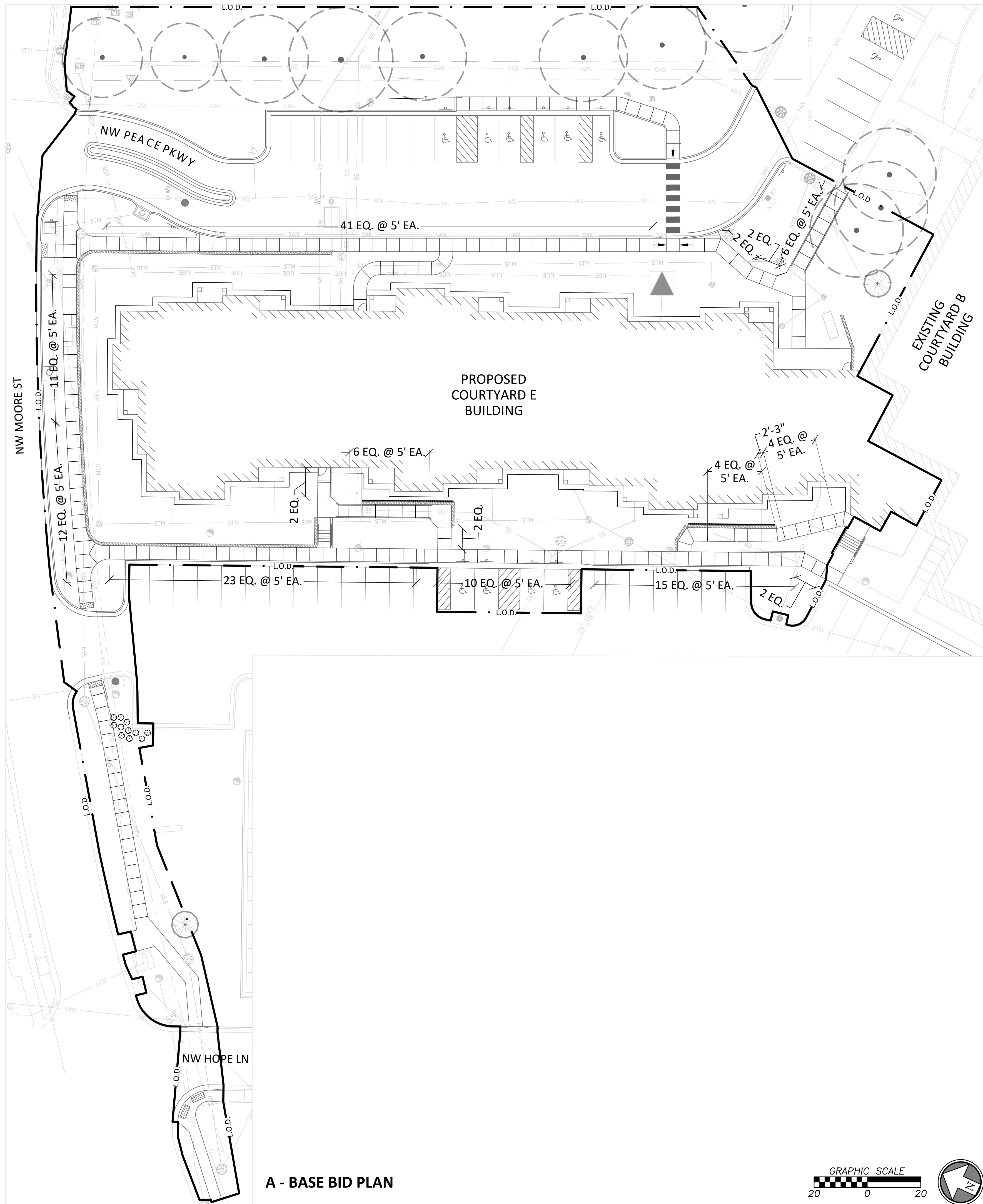
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PAVING LAYOUT
ENLARGEMENT -
ADD ALT 01

DATE: December 1, 2023	DRAWING
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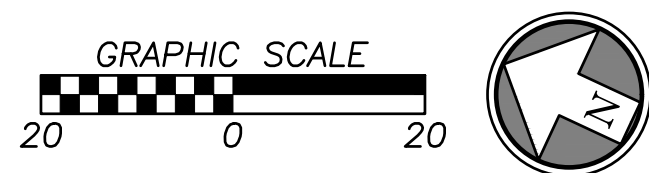


A - ADDITIVE ALTERNATE 01 ENLARGEMENT PLAN





A - BASE BID PLAN



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CONCRETE
SCORING LAYOUT

DATE: December 1, 2023
COMM. NO. 23104.00

DRAWING
L1.2



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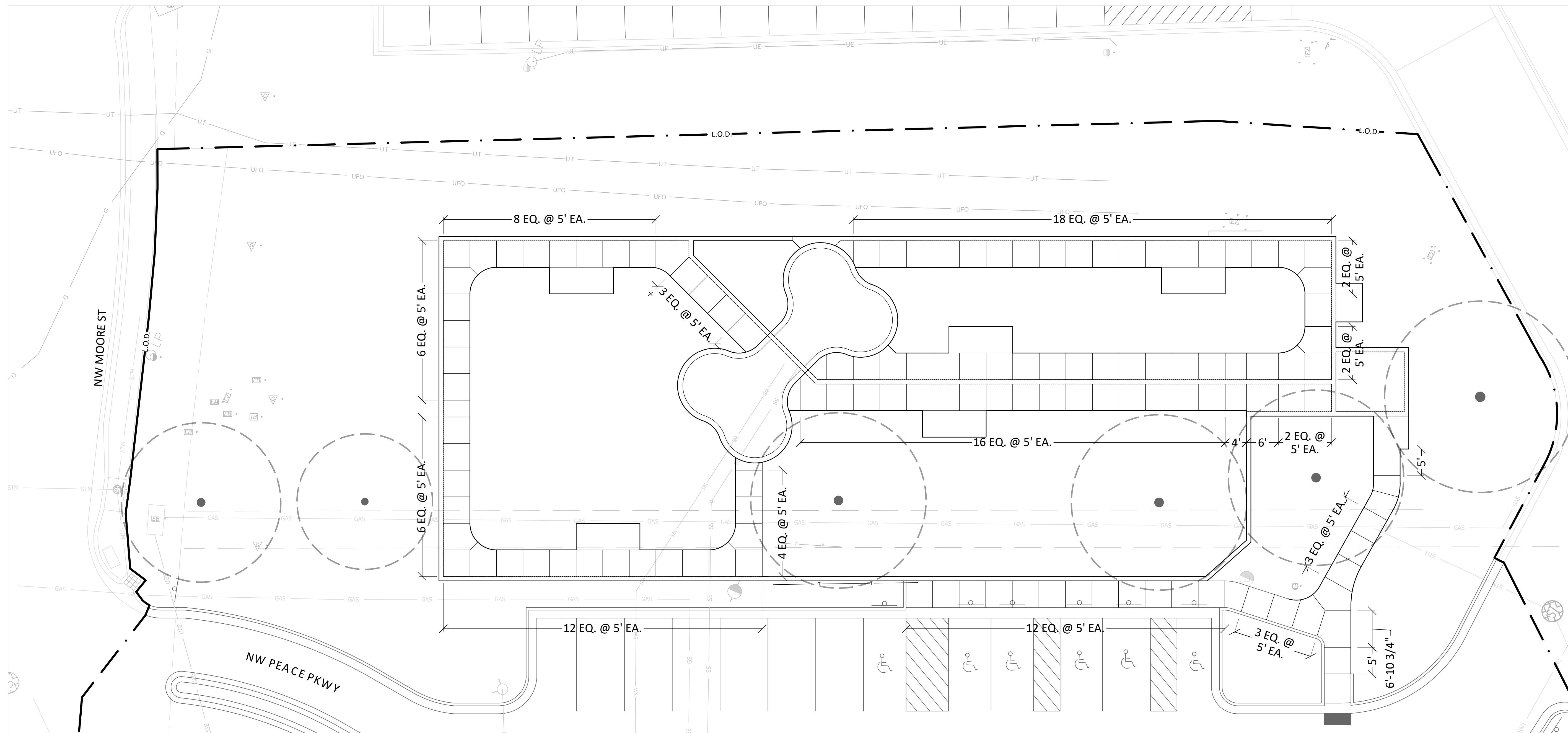
CONCRETE
SCORING LAYOUT
- ADD ALT 01

DATE: December 1, 2023

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DRAWING

L1.2A



A - ADDITIVE ALTERNATE 01 PLAN



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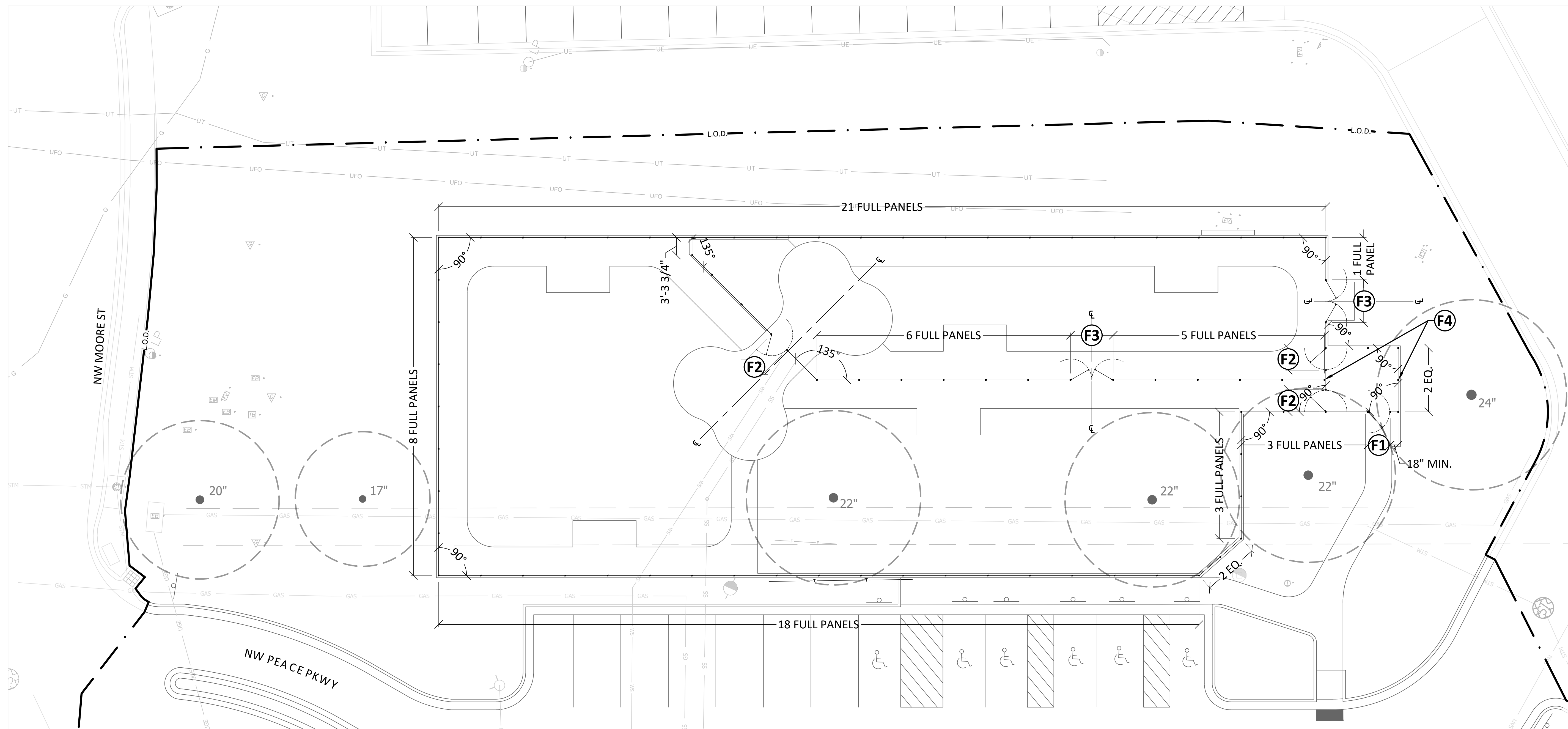
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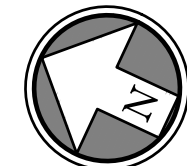
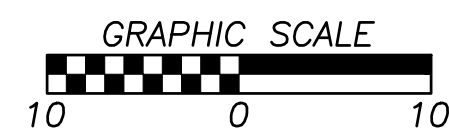
**FENCING LAYOUT
- ADD ALT 01**

DATE: December 1, 2023	DRAWING
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DOG PARK FENCING NOTES	
Fx	Description
F1	VERIFY PRIMARY ENTRY GATE POST SPACING W/ FENCE MANUFACTURER
F2	VERIFY SECONDARY ENTRY GATE POST SPACING W/ FENCE MANUFACTURER
F3	VERIFY SERVICE GATE POST SPACING W/ FENCE MANUFACTURER; CENTER FENCE ON REINFORCED PAVING AREA
F4	ALIGN POSTS

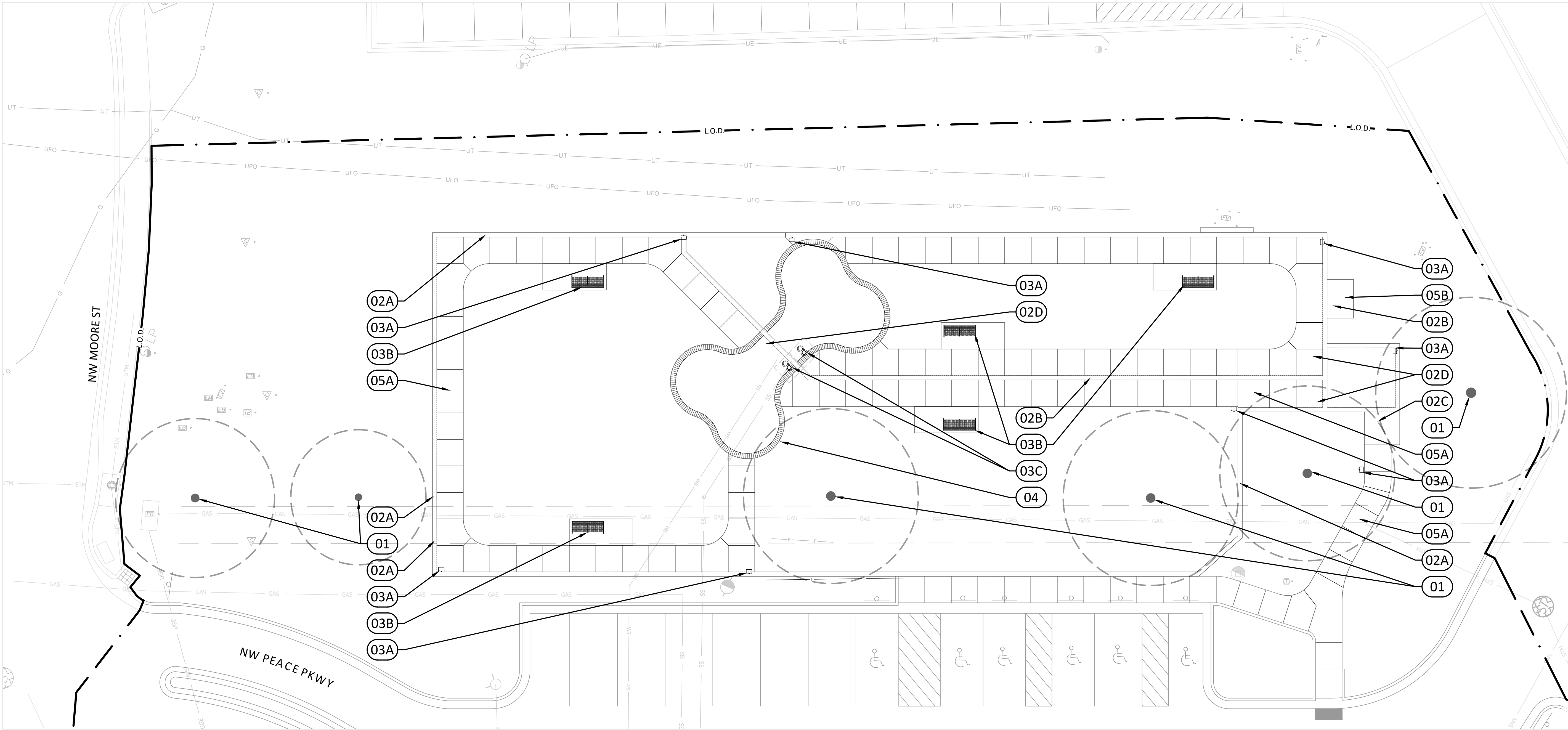


A - ADDITIVE ALTERNATE 01 PLAN



DOG PARK AMENITIES SCHEDULE

XXX	Description	Approx. Qty.
01	EXISTING TREE TO REMAIN (RE: L0.2A)	
02A	DOG PARK FENCING ON 10" CONCRETE MOW STRIP (RE: L1.3A & 07 , 08, 10, 11/L3.1)	±79 PANELS ±84 POSTS ≈631 LF
02B	DOG PARK SERVICE GATES (RE: 03/L3.2)	2 SETS
02C	DOG PARK PRIMARY ENTRY GATE (RE: 04/L3.2)	1 UNITS
02D	DOG PARK SECONDARY ENTRY GATE (RE: 05/L3.2)	3 UNITS
03A	DOG WASTE STATION (RE: 01/L3.3)	7 UNITS
03B	6' PARK BENCH (RE: 02/L3.3)	5 UNITS
03C	WATER FOUNTAIN (RE: 03/L3.3)	2 UNITS
04	DONOR PAVERS (RE: OWNER'S REP)	≈386 PCS
05A	CONCRETE PAVING (RE: 01/L3.1)	≈ 3726 SF
05B	REINFORCED CONCRETE PAVING (RE: 01/L3.1)	≈ 375 SF



A - ADDITIVE ALTERNATE 01 PLAN



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**AMENITIES
LAYOUT -
ADD ALT 01**

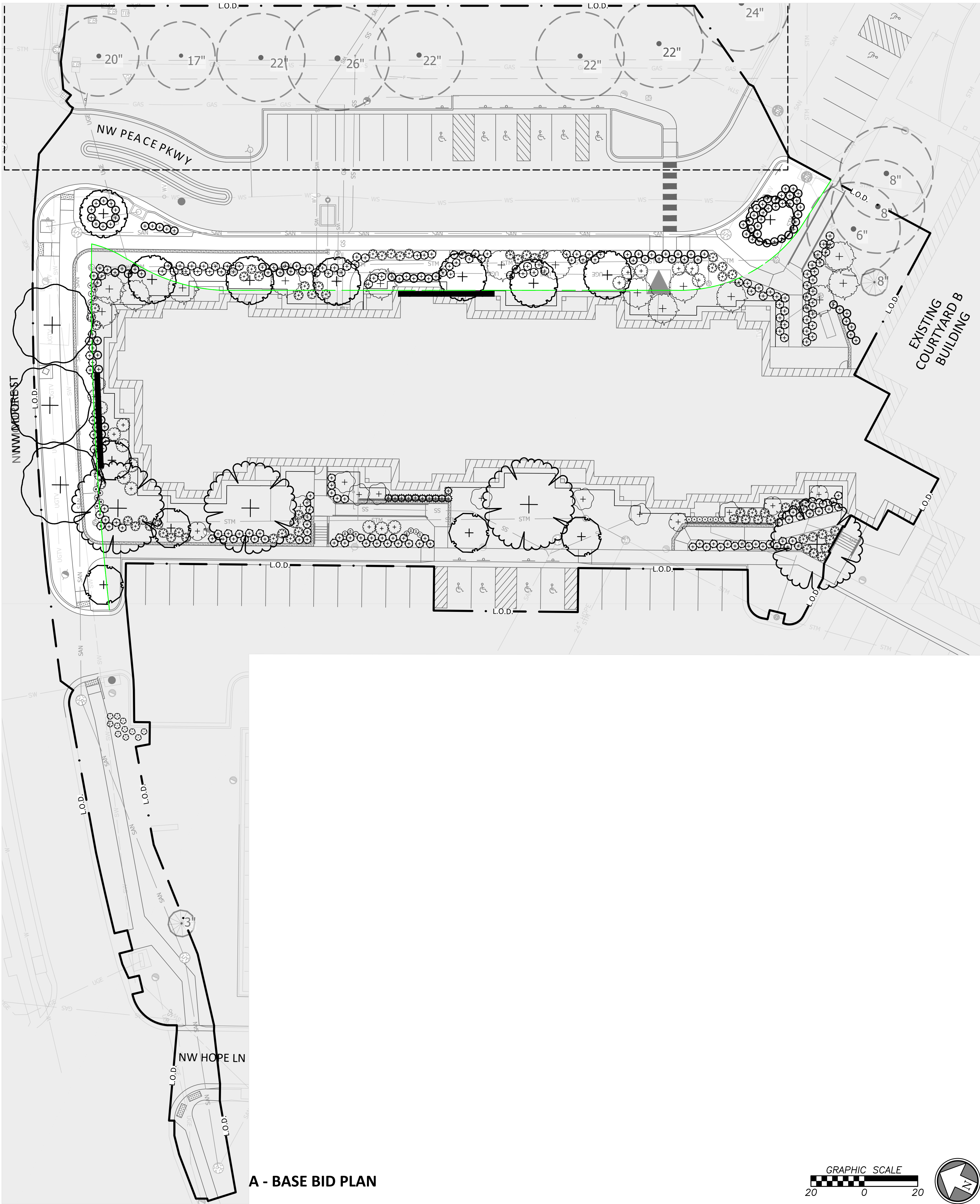
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CODE REQUIRED LANDSCAPING

Project Total	Required	Description of Requirement
440 LF	14.67	STREET FRONTAGE WITH 20' WIDE LANDSCAPE STRIP
	22	1 TREE PER 30'
		1 SHRUB PER 20'
76533 SF	15.31	OPEN YARD AREA
		2 SHRUBS PER 5000 SF OF TOTAL LOT

SCHEDULE OF CODE REQUIRED 20' LANDSCAPE STRIP
BASE BID

SYMBOL	QTY	BOTANICAL / COMMON NAME	CONT	CAL
DECIDUOUS TREES				
	2	Acer ginnala `Flame` Flame Amur Maple	B & B	1.5"Cal
	14	Nyssa sylvatica `David Odom` Afterburner® Tupelo	B & B	3"Cal
	6	Quercus phellos Willow Oak	B & B	3"Cal
SHRUBS				
	5	Aronia melanocarpa 'Autumn Magic' Autumn Magic Black Chokeberry	5 gal	
	37	Buxus x 'Green Gem' Green Gem Boxwood	2 gal	
	21	Callicarpa x 'NCCX2' Pearl Glam® Beautyberry	5 gal	
	5	Hamamelis x intermedia `Diane` Diane Witch Hazel	5 gal	
	25	Ilex glabra 'Compacta' Compact Inkberry	5 gal	
	76	Itea virginica 'Sprich' Little Henry Sweetspire	2 gal	
GRASSES				
	6	Chasmanthium latifolium `River Mist` River Mist Variegated Northern Sea Oats	6" pot	



FINAL
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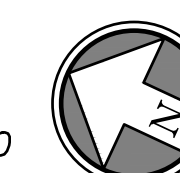
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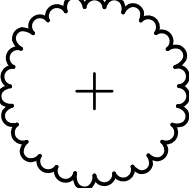
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LANDSCAPING

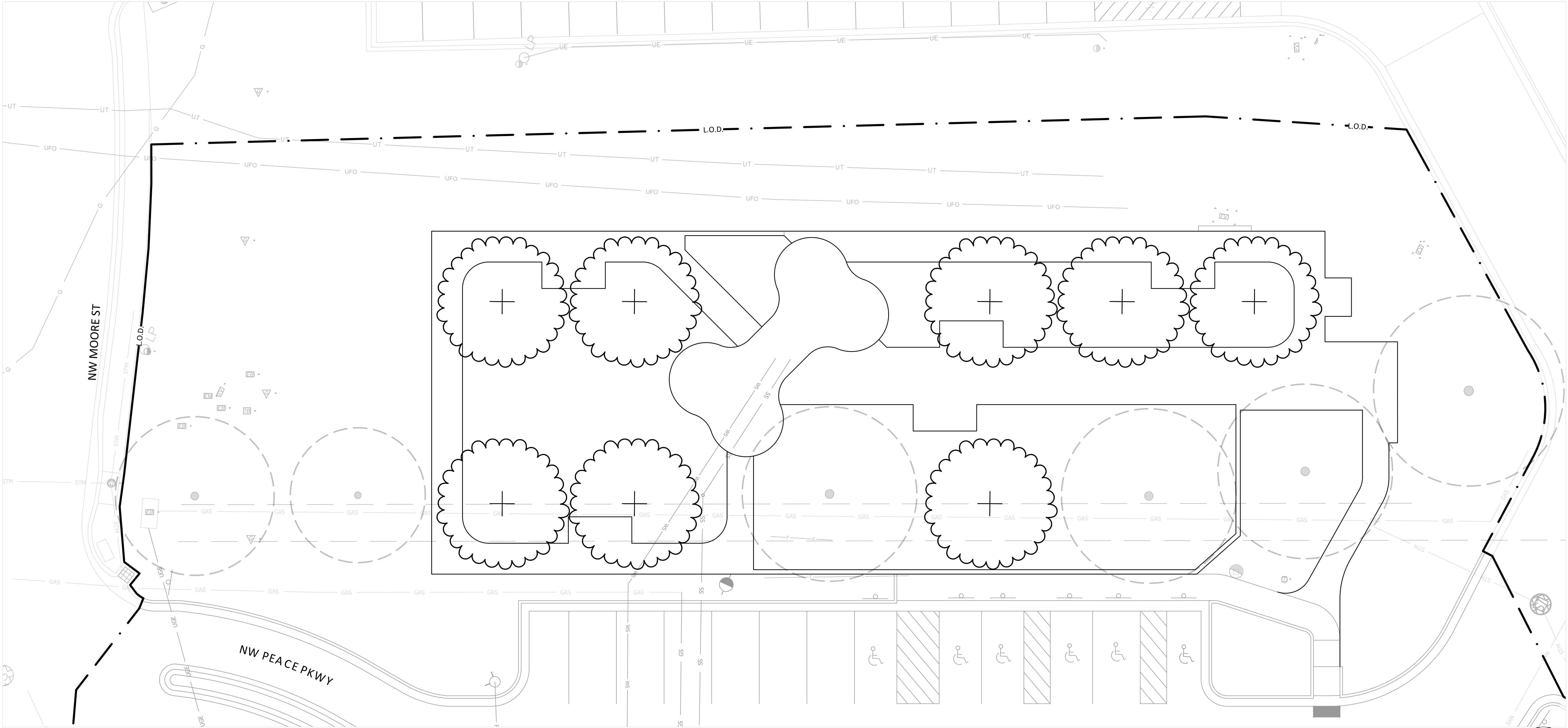
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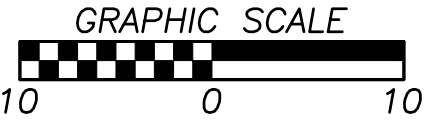


TREE SCHEDULE
ADDITIVE ALTERNATE 01

SYMBOL	QTY	BOTANICAL / COMMON NAME	CONT	CAL
DECIDUOUS TREES				
	8	Gleditsia triacanthos inermis 'Impcole' Imperial® Honey Locust	B & B	3" Cal



A - ADDITIVE ALTERNATE 01 PLAN



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TREE PLANTING -
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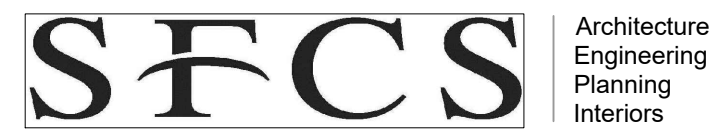


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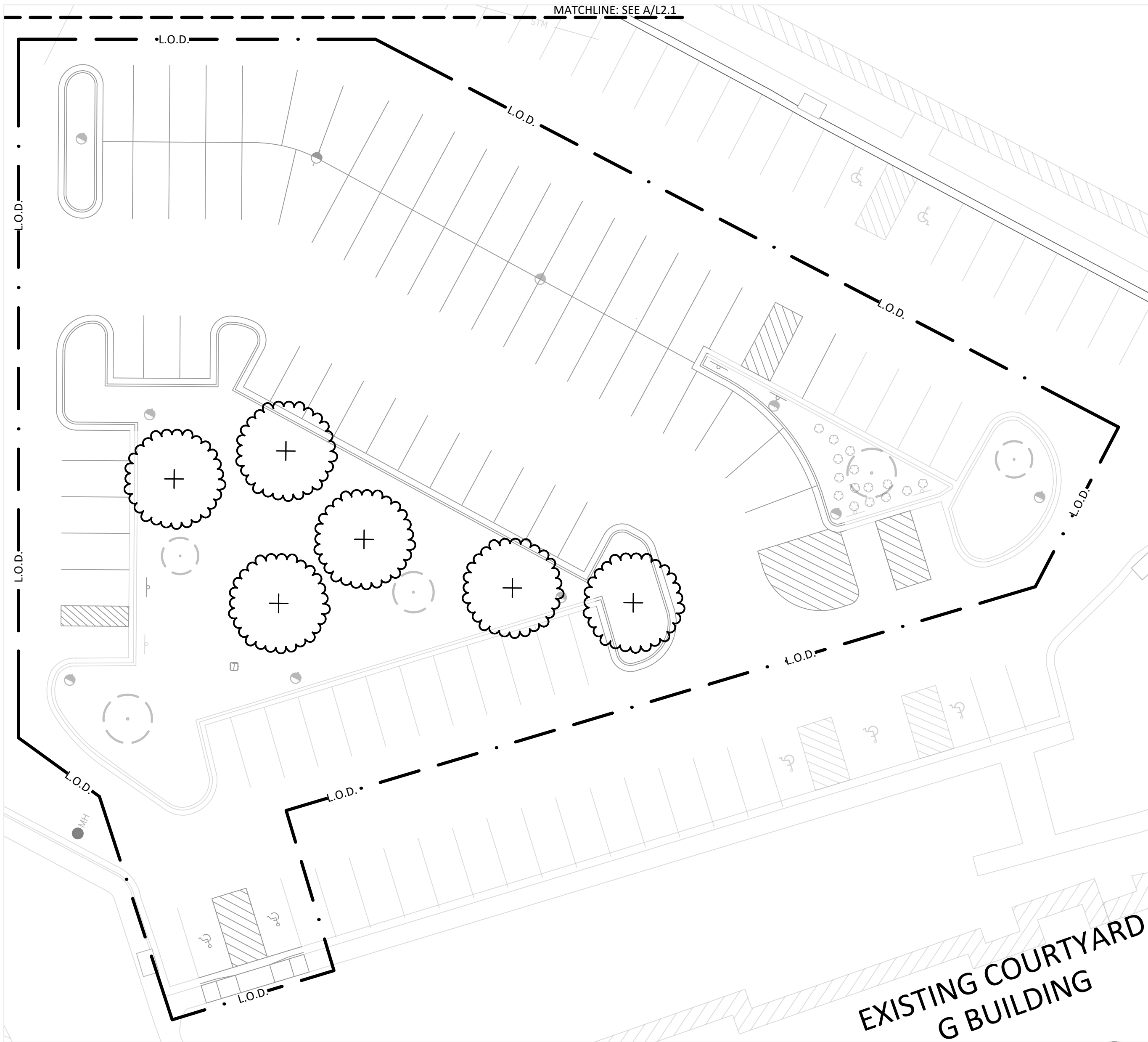
TREE PLANTING -
ADD ALT 02

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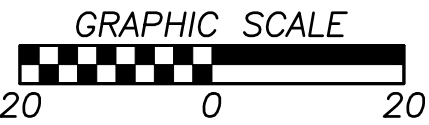
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L2.1B



A - ADDITIVE ALTERNATE 02 PLAN

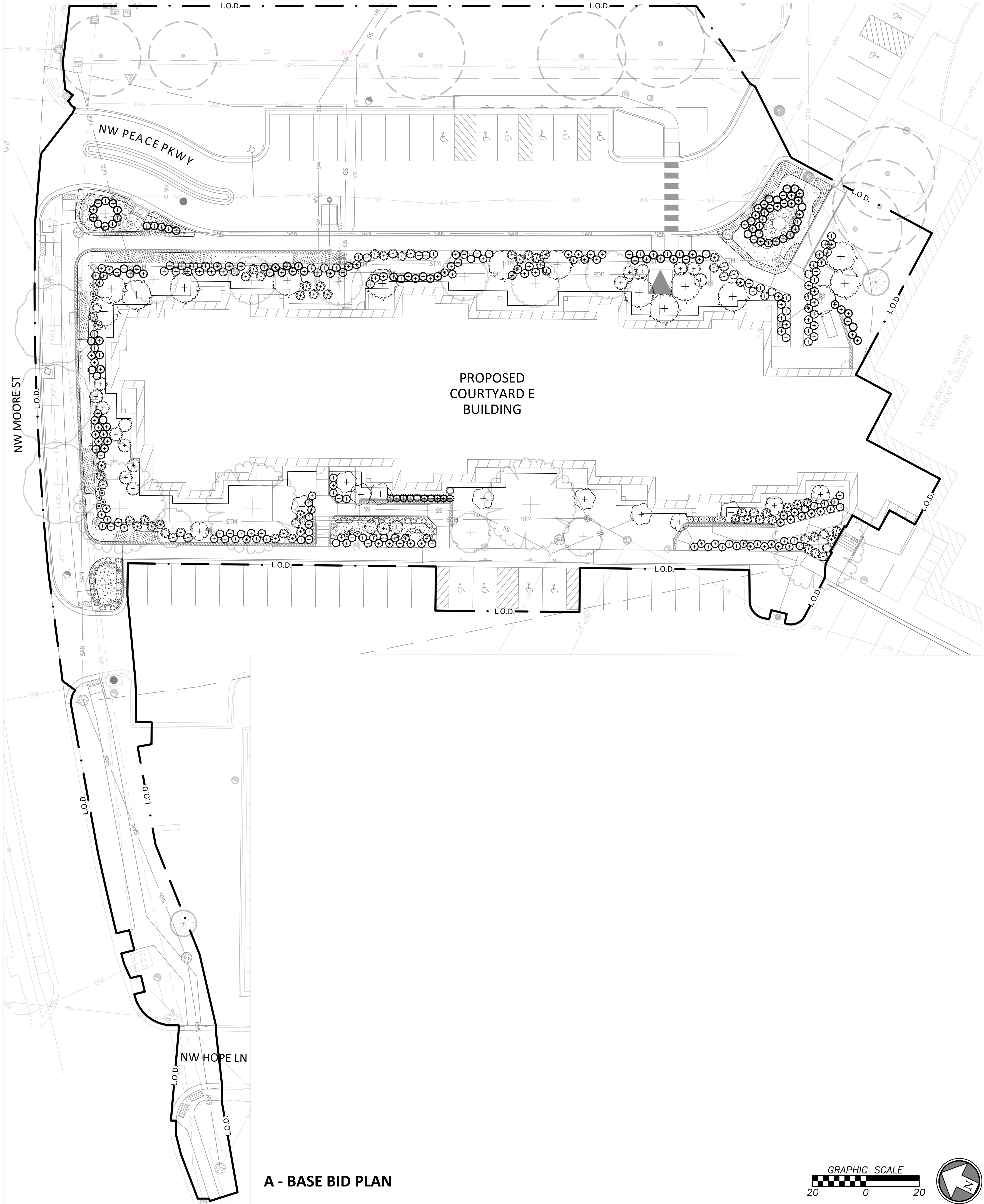


TREE SCHEDULE
ADDITIVE ALTERNATE 02

SYMBOL	QTY	BOTANICAL / COMMON NAME	CONT	CAL
DECIDUOUS TREES				
	6	Gleditsia triacanthos inermis 'Impcole' Imperial® Honey Locust	B & B	3"Cal

SHRUB & PERENNIAL SCHEDULE
BASE BID

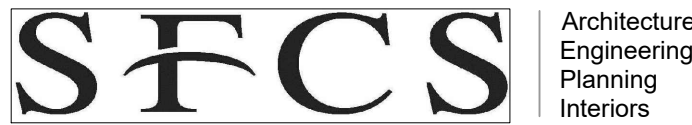
SYMBOL	QTY	BOTANICAL / COMMON NAME	SIZE	REMARKS	
SHRUBS					
	18	Aronia melanocarpa 'Autumn Magic' Autumn Magic Black Chokeberry	5 gal		
	72	Buxus x 'Green Gem' Green Gem Boxwood	2 gal		
	63	Callicarpa x 'NCCX2' Pearl Glam® Beautyberry	5 gal		
	8	Calycanthus floridus 'Burgundy Spice' Burgundy Spice Sweetshrub	5 gal		
	4	Calycanthus floridus 'Michael Lindsey' Michael Lindsey Sweetshrub	5 gal		
	15	Hamamelis x intermedia `Diane` Diane Witch Hazel	5 gal		
	115	Ilex glabra 'Compacta' Compact Inkberry	5 gal	Ilex glabra Gem Box® is acceptable substitute	
	11	Ilex verticillata 'Little Goblin Red' Little Goblin Red Female Winterberry	5 gal	Plant dwarf male pollinator within 20' of females; Ilex verticillata Red Sprite is acceptable substitute	
	96	Itea virginica 'Sprich' Little Henry Sweetspire	2 gal	Itea virginica Fizzy Mizzy® is acceptable substitute	
GRASSES					
	10	Chasmanthium latifolium `River Mist` River Mist Variegated Northern Sea Oats	6" pot		
	12	Muhlenbergia capillaris Pink Muhly Grass	1 gal		
	7	Schizachyrium scoparium 'Standing Ovation' Standing Ovation Little Bluestem	1 gal	Availabe at Loma Vista Nursery	
SYMBOL	QTY	BOTANICAL / COMMON NAME	CONT	SPACING	REMARKS
SHRUB AREAS					
	108	Iberis sempervirens 'Alexander's White' White Evergreen Candytuft	1 gal	18" o.c.	
	359	Liriope spicata `Silver Dragon` Silver Dragon Creeping Lilyturf	1 gal	18" o.c.	
	844	Pulmonaria x `Dark Vader` Dark Vader Lungwort	1 gal	12" o.c.	
	274 sf	SHADE PERENNIAL BLEND			
	63	Astilbe x arendsii 'Rheinland' Rhienland Astilbe	1 gal	50% @ 18" o.c.	
	63	Hosta x 'June' June Hosta	1 gal	50% @ 18" o.c.	
	257 sf	SUN PERENNIAL BLEND			
	59	Asclepias tuberosa Butterfly Milkweed	1 gal	50% @ 18" o.c.	
	59	Echinacea purpurea Coneflower	1 gal	50% @ 18" o.c.	



FINAL
DEVELOPMENT PLAN



COURTYARDS - BUILDING E

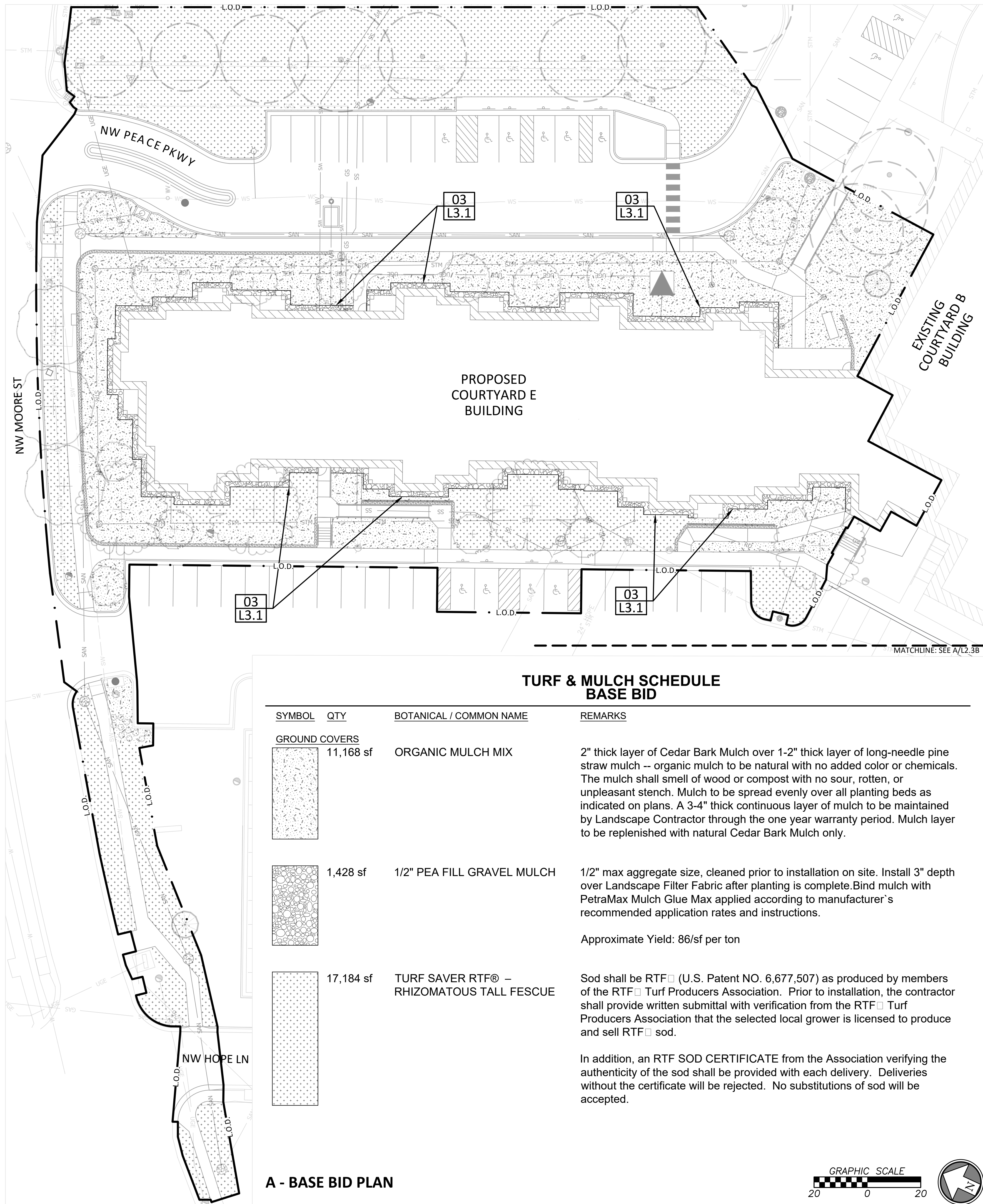


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DRAWING TITLE
SHRUB &
PERENNIAL
PLANTING

DATE: December 1, 2023	DRAWING
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TURF & MULCH SCHEDULE BASE BID			
SYMBOL	QTY	BOTANICAL / COMMON NAME	REMARKS
GROUND COVERS			
	11,168 sf	ORGANIC MULCH MIX	2" thick layer of Cedar Bark Mulch over 1-2" thick layer of long-needle pine straw mulch -- organic mulch to be natural with no added color or chemicals. The mulch shall smell of wood or compost with no sour, rotten, or unpleasant stench. Mulch to be spread evenly over all planting beds as indicated on plans. A 3-4" thick continuous layer of mulch to be maintained by Landscape Contractor through the one year warranty period. Mulch layer to be replenished with natural Cedar Bark Mulch only.
	1,428 sf	1/2" PEA FILL GRAVEL MULCH	1/2" max aggregate size, cleaned prior to installation on site. Install 3" depth over Landscape Filter Fabric after planting is complete. Bind mulch with PetraMax Mulch Glue Max applied according to manufacturer's recommended application rates and instructions. Approximate Yield: 86/sf per ton
	17,184 sf	TURF SAVER RTF® – RHIZOMATOUS TALL FESCUE	Sod shall be RTF (U.S. Patent NO. 6,677,507) as produced by members of the RTF Turf Producers Association. Prior to installation, the contractor shall provide written submittal with verification from the RTF Turf Producers Association that the selected local grower is licensed to produce and sell RTF sod. In addition, an RTF SOD CERTIFICATE from the Association verifying the authenticity of the sod shall be provided with each delivery. Deliveries without the certificate will be rejected. No substitutions of sod will be accepted.

A - BASE BID PLAN



FINAL
DEVELOPMENT PLAN



COURTYARDS - BUILDING E



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DESIGNER : ERDM	DRAWN : ERDM	
ARCHITECT : DAS	CHECKED : ADM	
ENGINEER : ERB	APPROVED : CDW	
NO.	REVISION DESCRIPTION	DATE
1	FDP RESUBMITTAL	2/16/2024

DRAWING TITLE

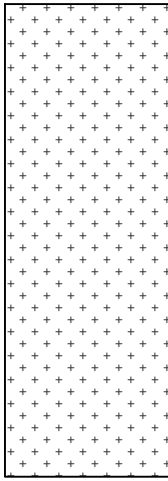
TURF & MULCH
PLANTING

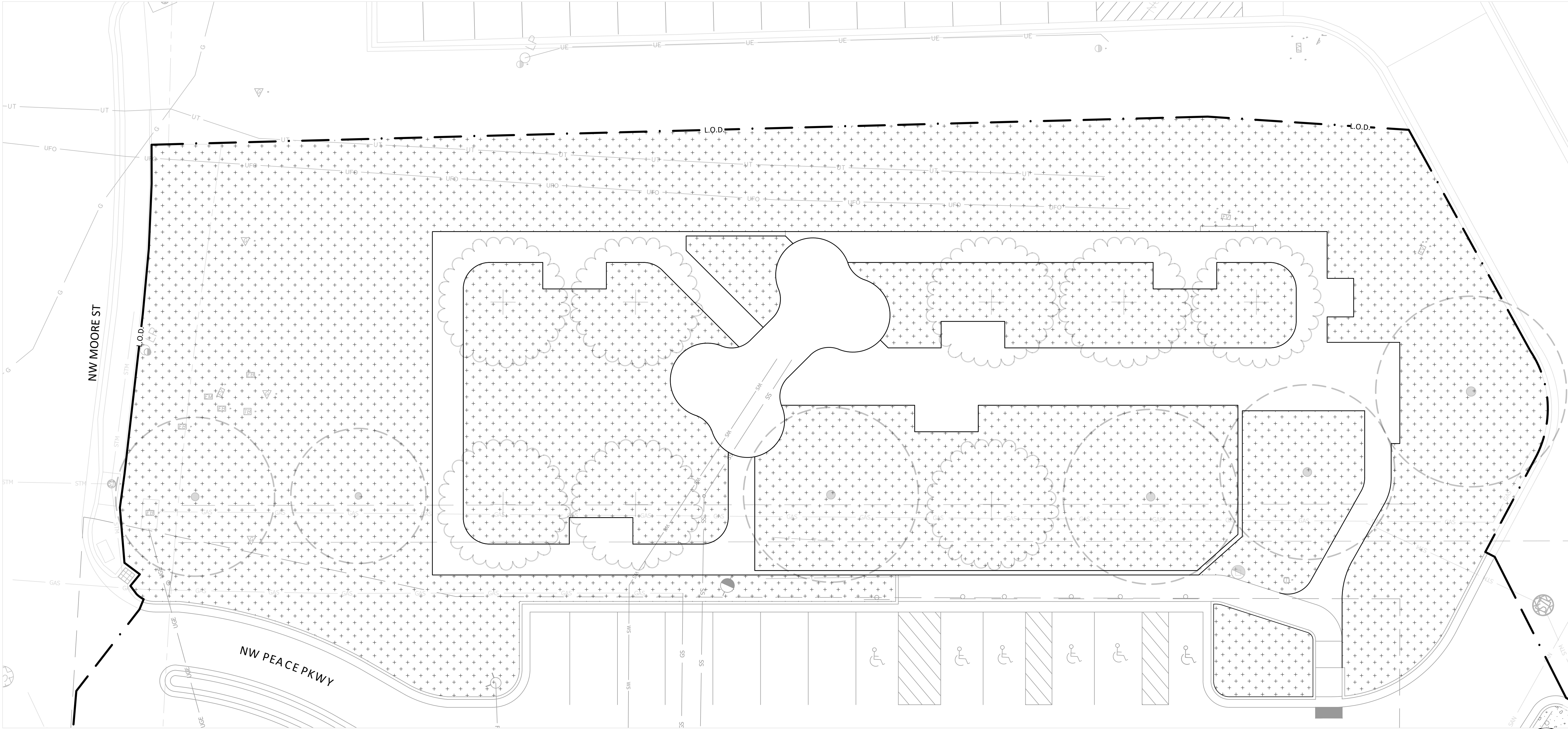
DATE: December 1, 2023
COMM. NO. 23104.00

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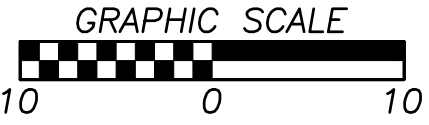
L2.3

TURF & MULCH SCHEDULE
ADDITIVE ALTERNATE 01

SYMBOL	QTY	BOTANICAL / COMMON NAME	REMARKS
GROUND COVERS			
	19,122 sf	TURF SAVER RTF® – RHIZOMATOUS TALL FESCUE	Sod shall be RTF® (U.S. Patent NO. 6,677,507) as produced by members of the RTF® Turf Producers Association. Prior to installation, the contractor shall provide written submittal with verification from the RTF® Turf Producers Association that the selected local grower is licensed to produce and sell RTF® sod. In addition, an RTF SOD CERTIFICATE from the Association verifying the authenticity of the sod shall be provided with each delivery. Deliveries without the certificate will be rejected. No substitutions of sod will be accepted.



A - ADDITIVE ALTERNATE 01 PLAN



FINAL
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COURTYARDS - BUILDING E

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DESIGNER : ERDM	DRAWN : ERDM	
ARCHITECT : DAS	CHECKED : ADM	
ENGINEER : ERB	APPROVED : CDW	
NO.	REVISION DESCRIPTION	DATE
1	FDP RESUBMITTAL	2/16/2024

DRAWING TITLE

TURF & MULCH
PLANTING -
ADD ALT 01

DATE: December 1, 2023	DRAWING
COMM. NO. 23104.00	L2.3A

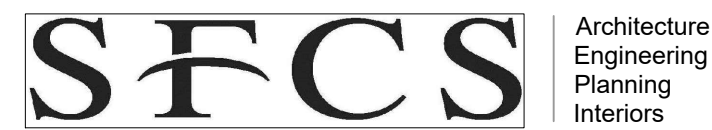


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ENGINEER : ERB	APPROVED : CDW
NO.	REVISION DESCRIPTION
1	FDP RESUBMITTAL
	DATE
	2/16/2024

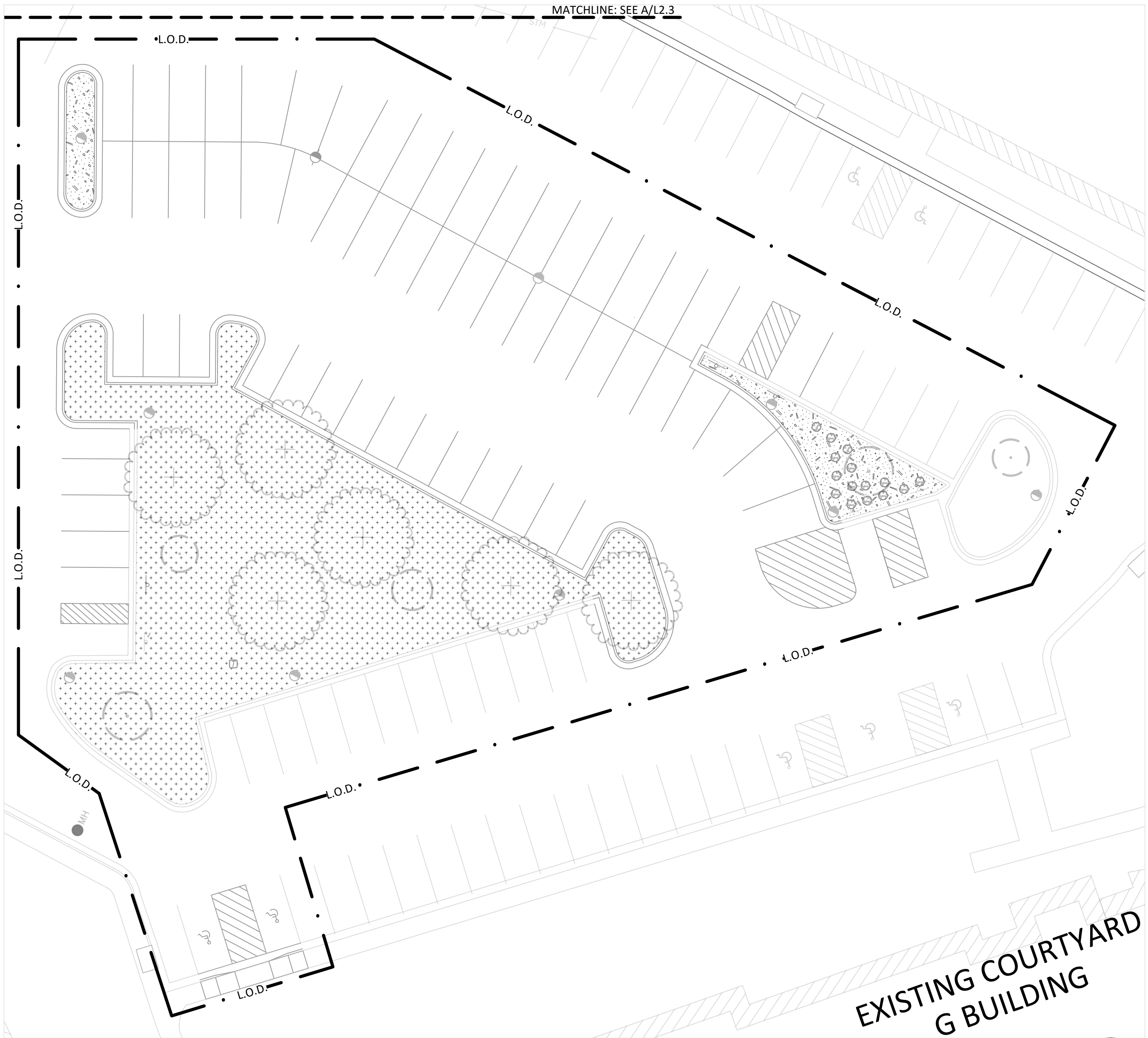
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TURF & MULCH
PLANTING -
ADD ALT 02

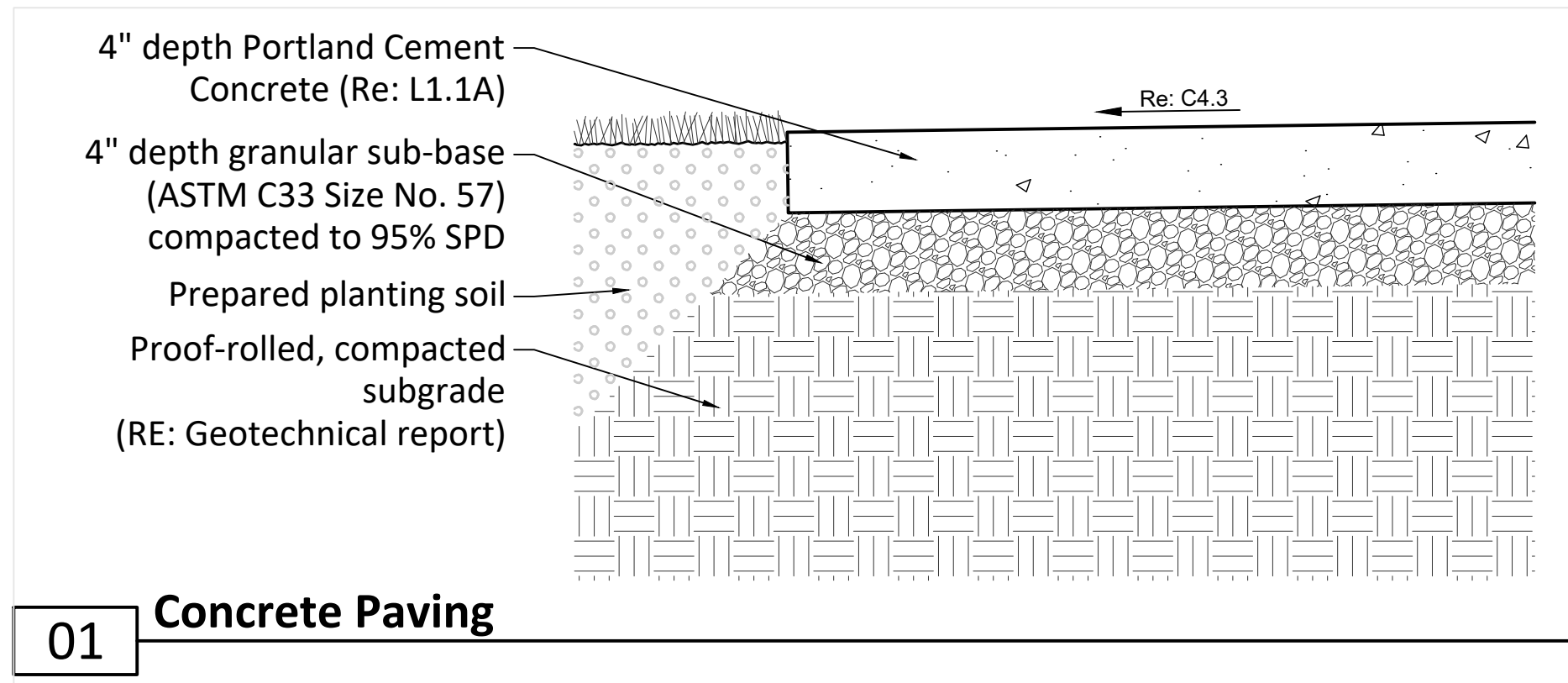
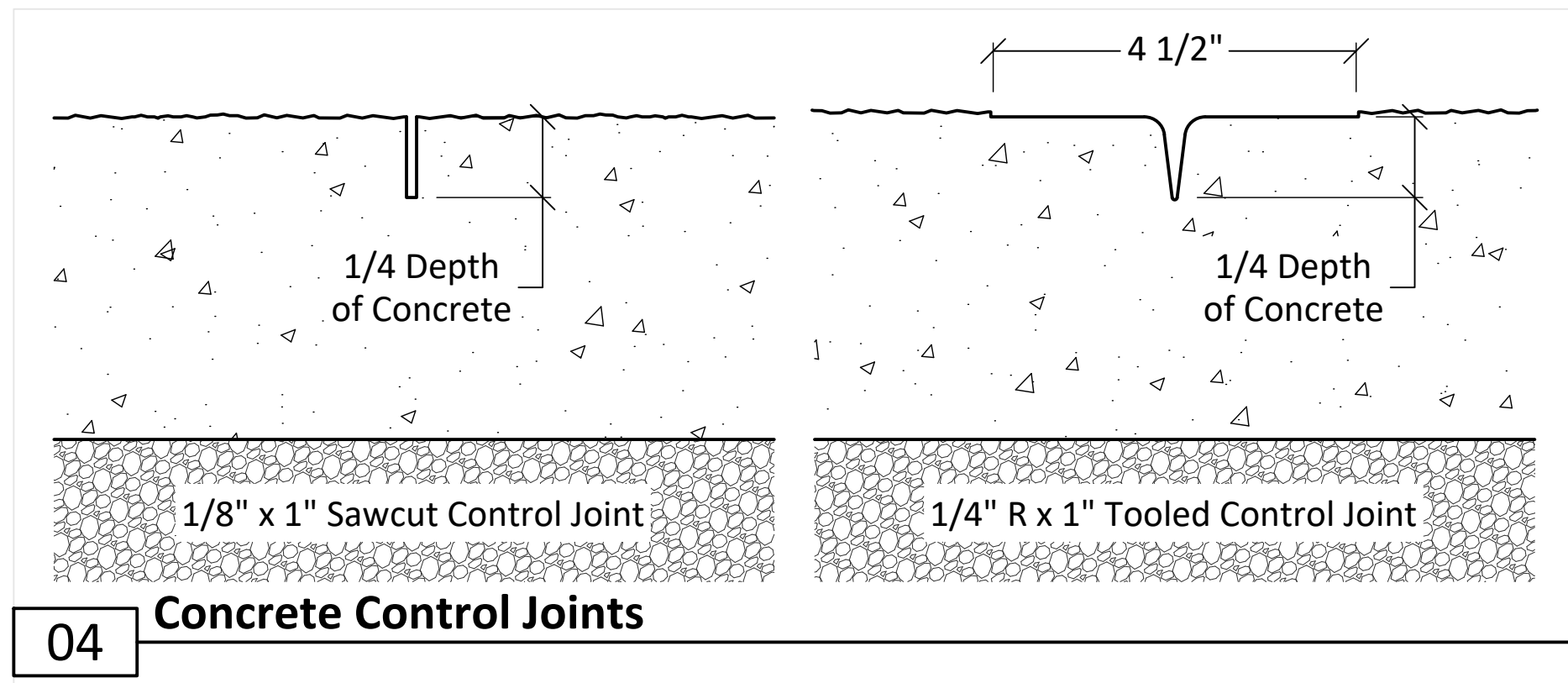
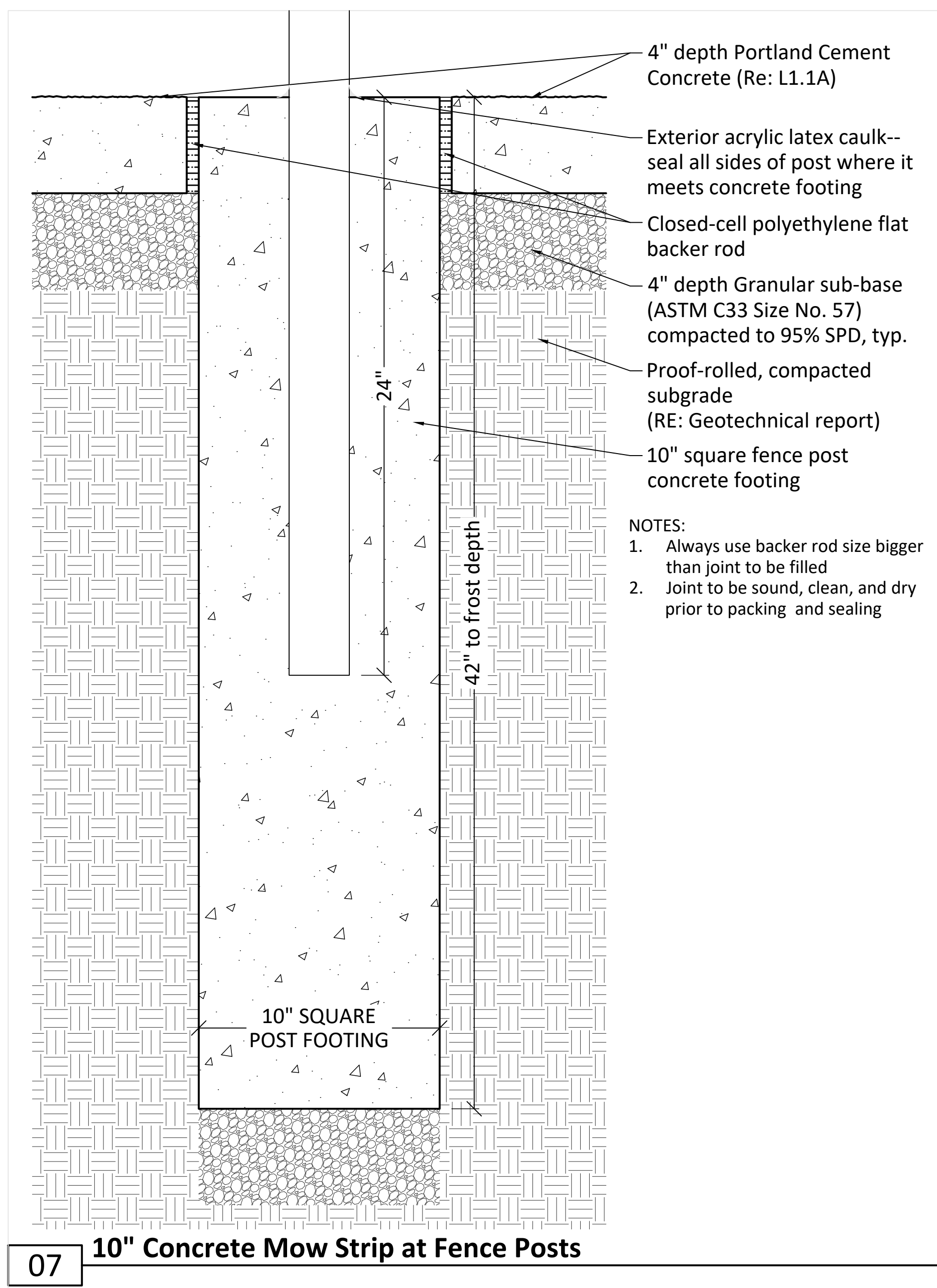
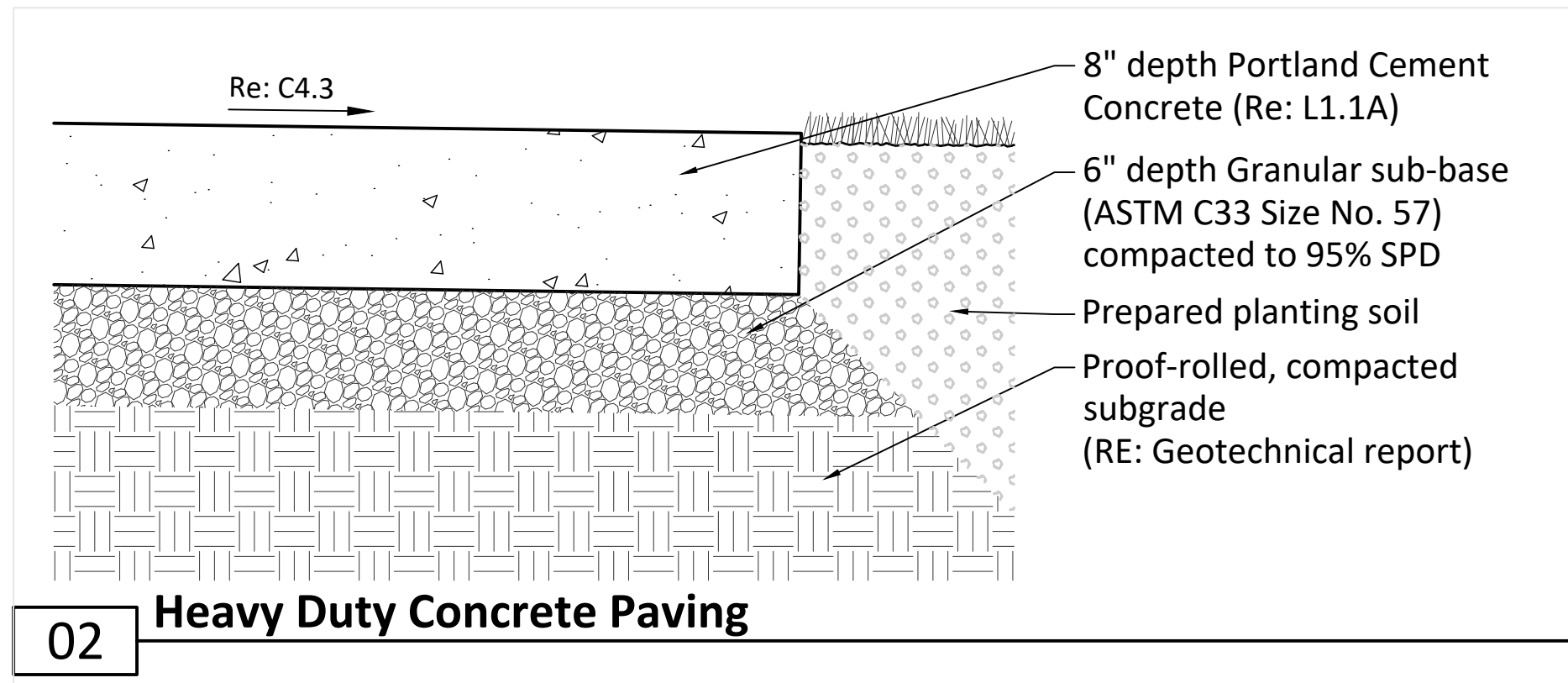
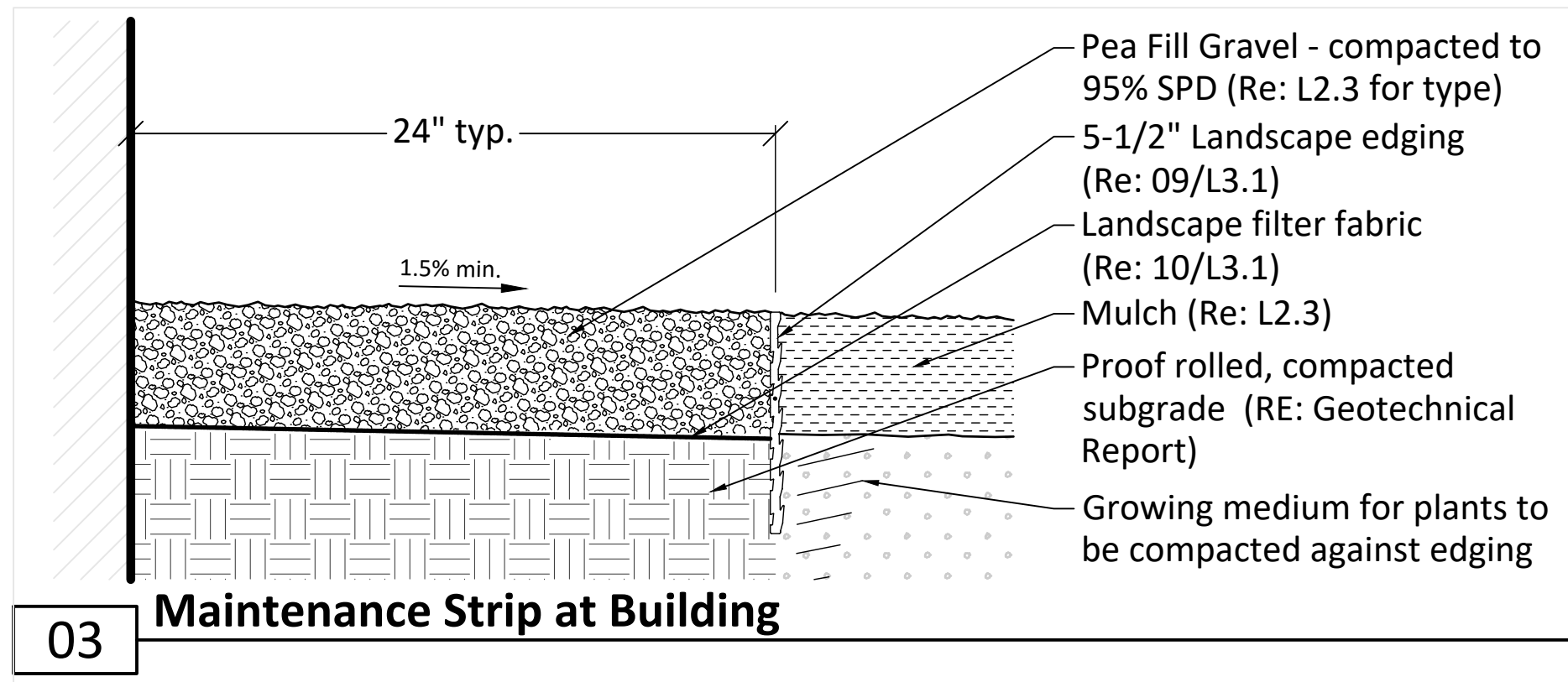
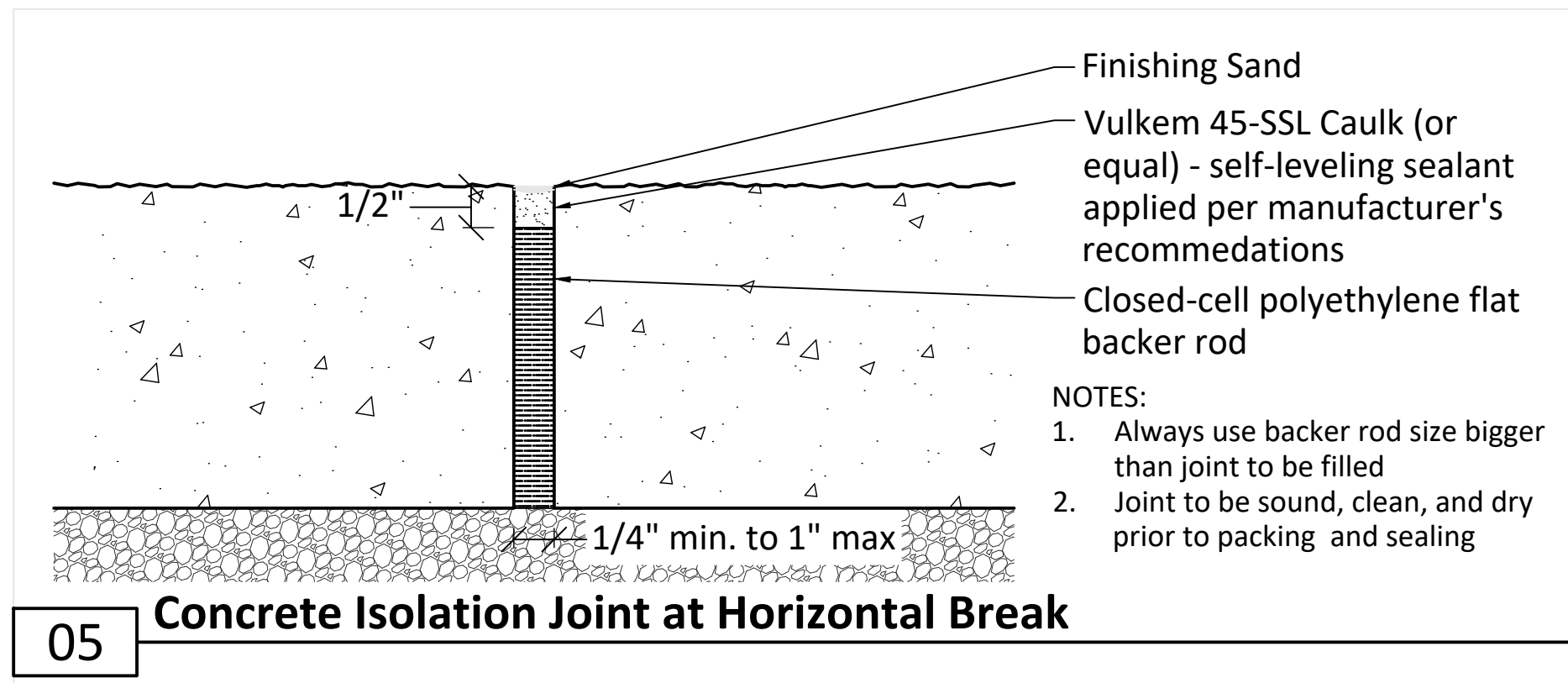
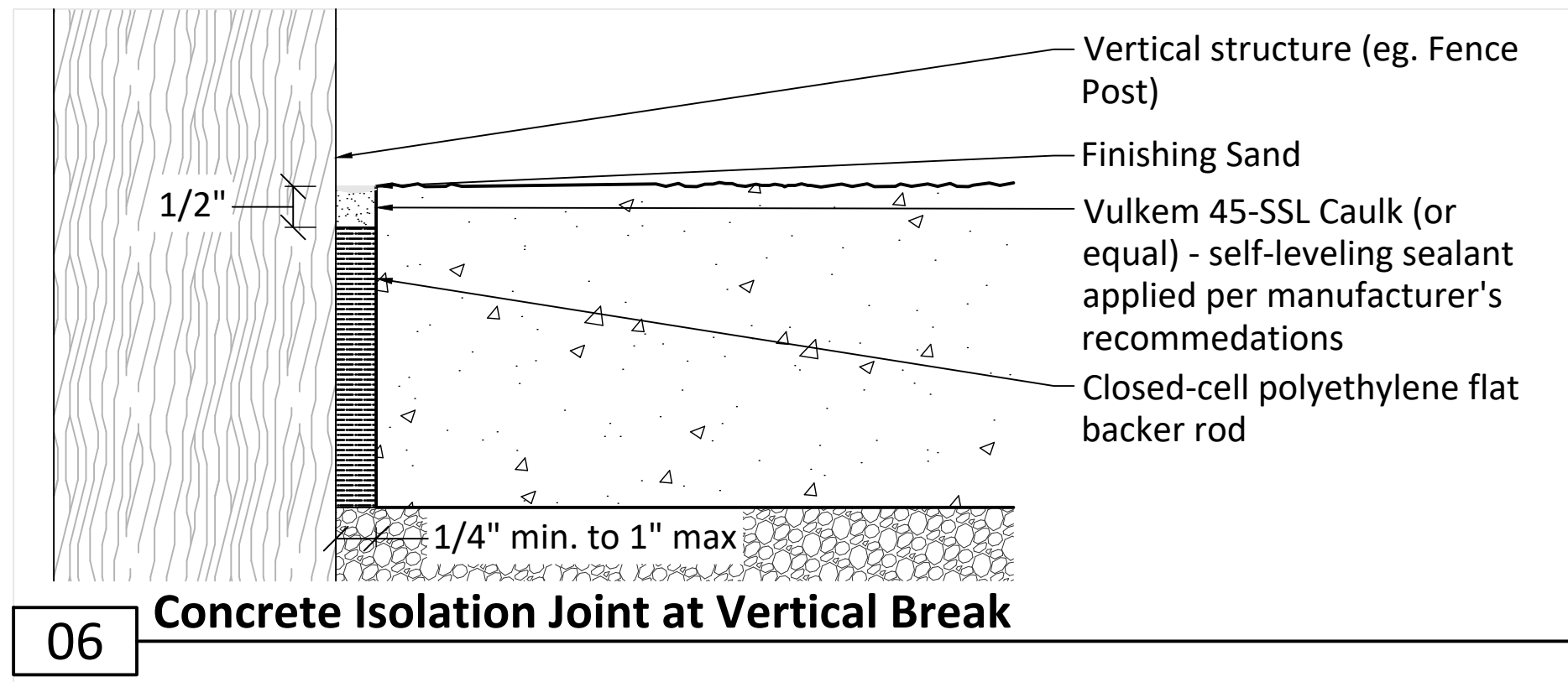
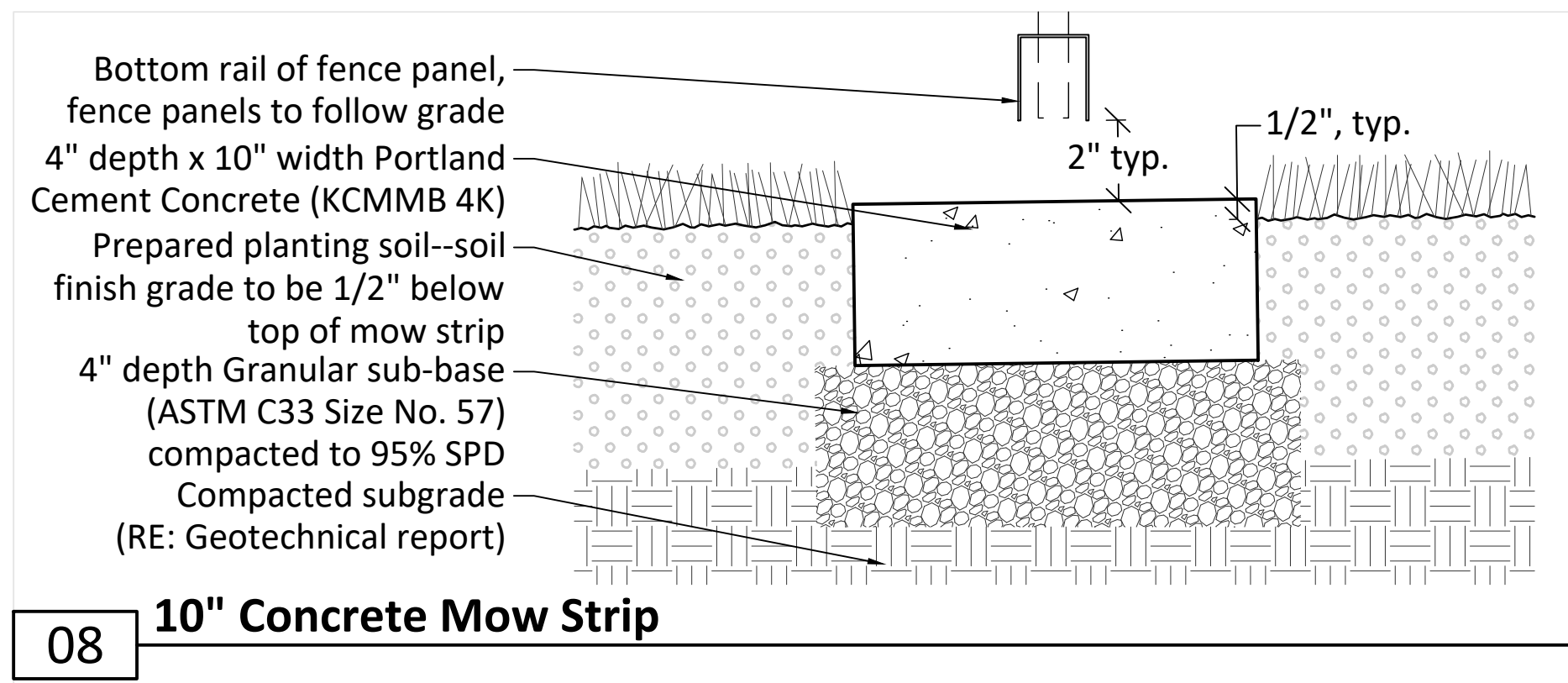
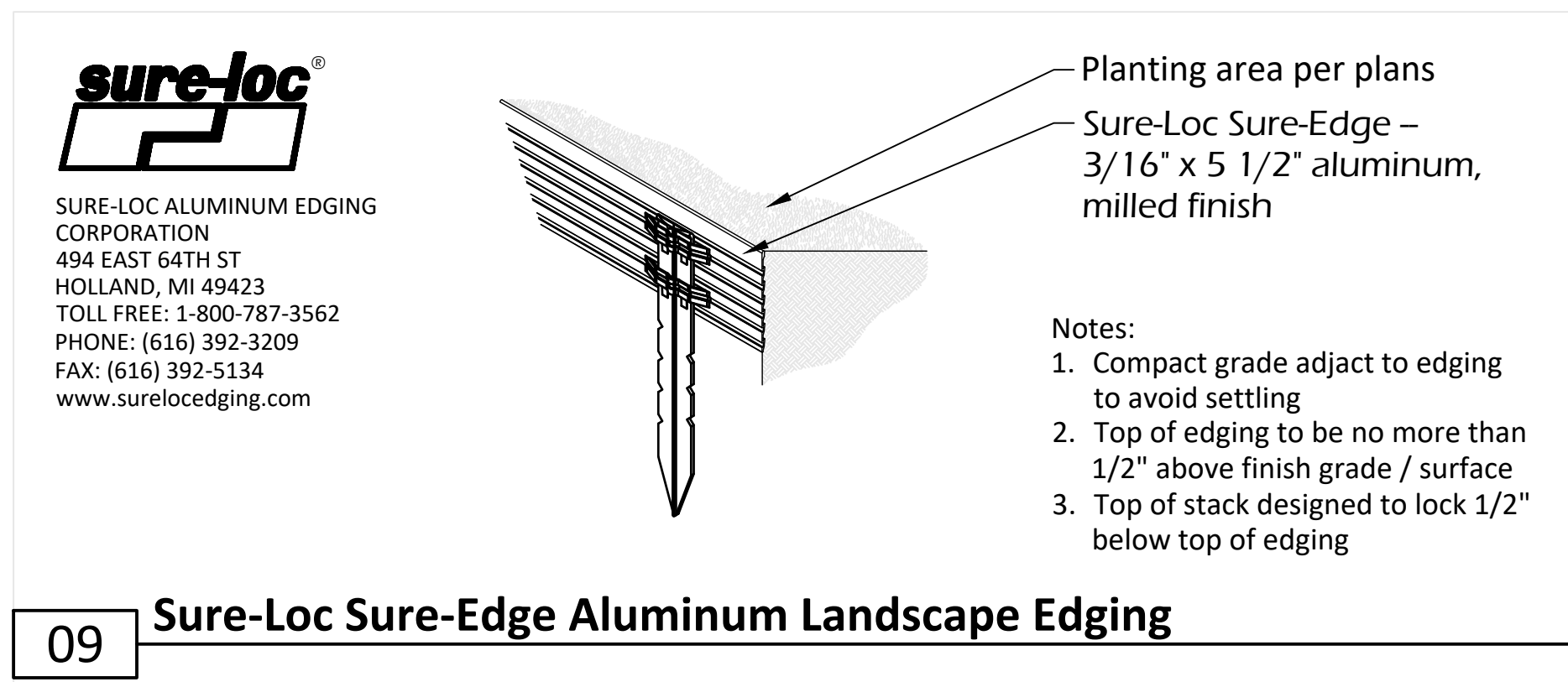
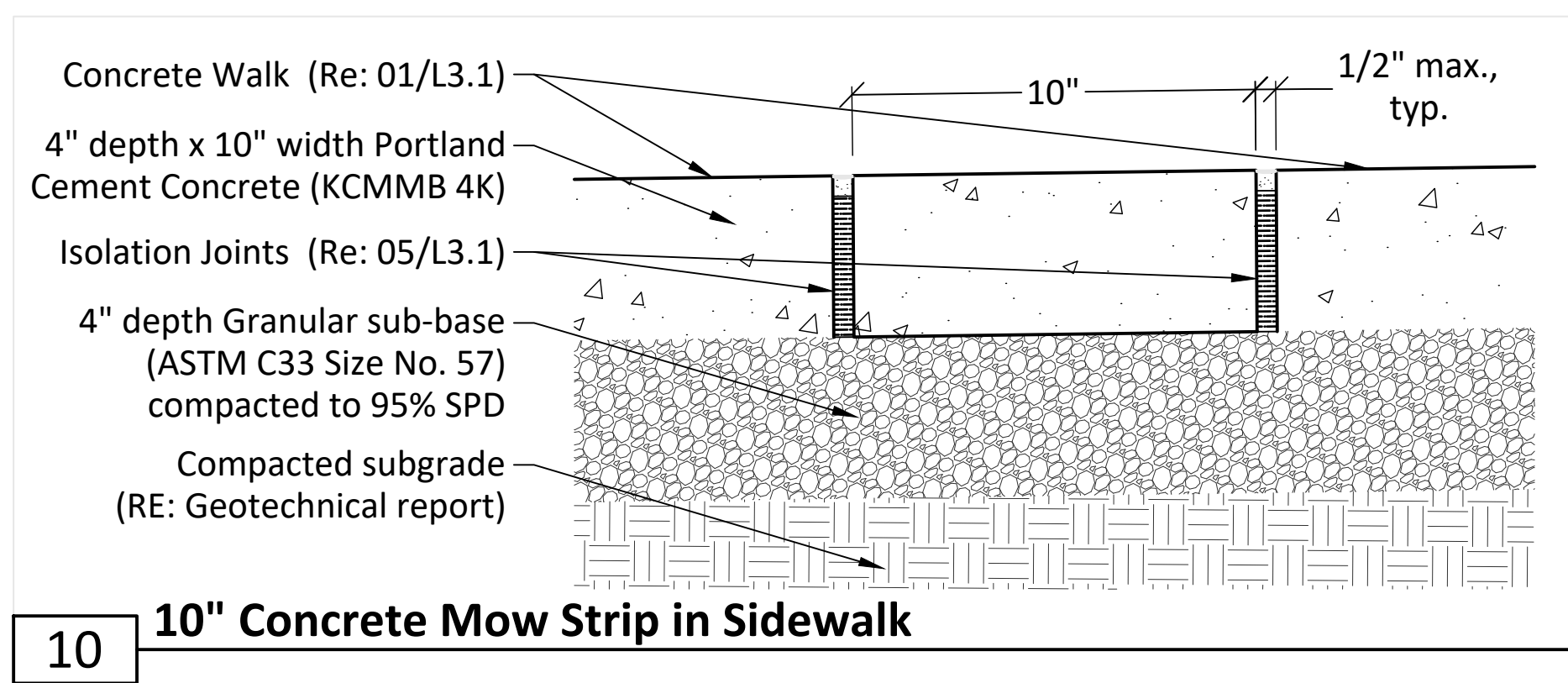
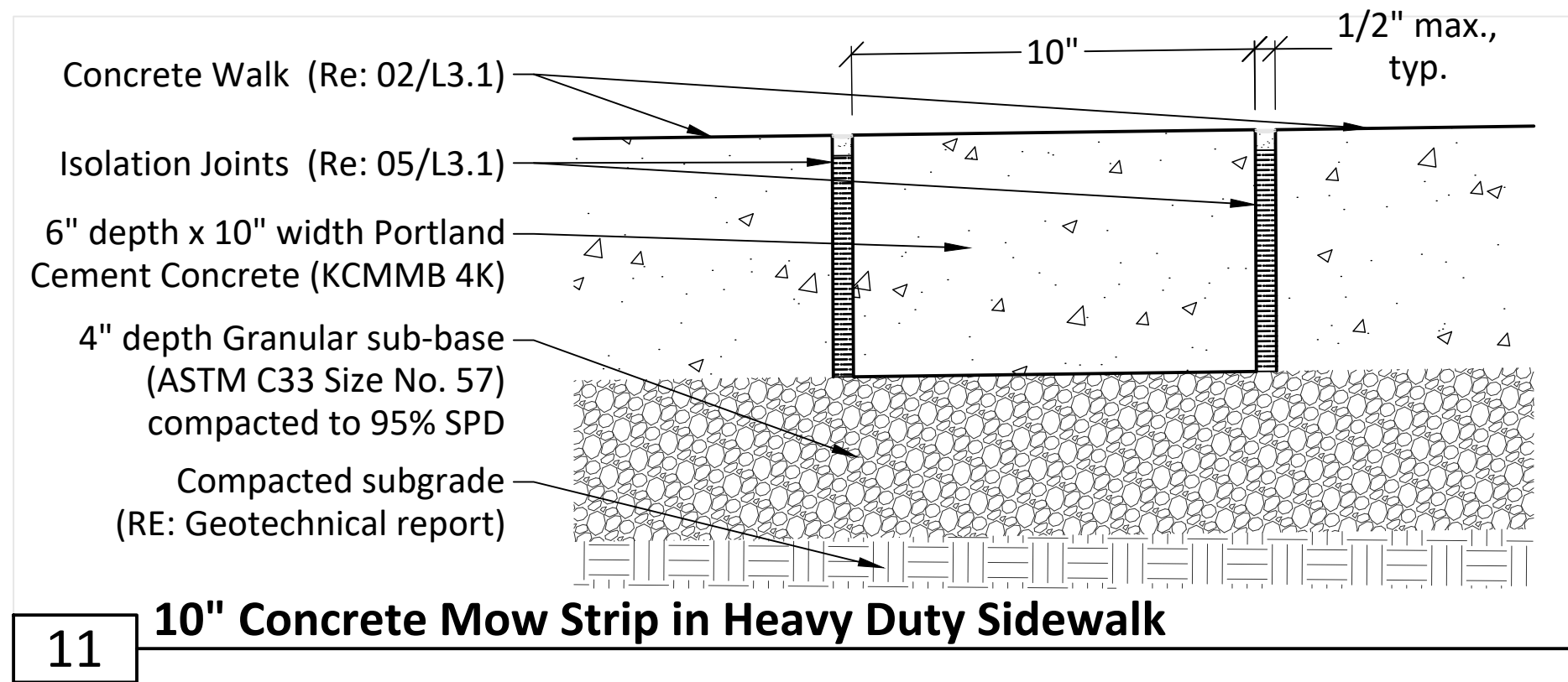
DATE: December 1, 2023	DRAWING
COMM. NO. 23104.00	L2.3B

TURF & MULCH SCHEDULE
ADDITIVE ALTERNATE 02

SYMBOL	QTY	BOTANICAL / COMMON NAME	REMARKS
	845 sf	ORGANIC MULCH MIX	2" thick layer of Cedar Bark Mulch over 1-2" thick layer of long-needle pine straw mulch -- organic mulch to be natural with no added color or chemicals. The mulch shall smell of wood or compost with no sour, rotten, or unpleasant stench. Mulch to be spread evenly over all planting beds as indicated on plans. A 3-4" thick continuous layer of mulch to be maintained by Landscape Contractor through the one year warranty period. Mulch layer to be replenished with natural Cedar Bark Mulch only.
	7,163 sf	TURF SAVER RTF® – RHIZOMATOUS TALL FESCUE	Sod shall be RTF® (U.S. Patent NO. 6,677,507) as produced by members of the RTF® Turf Producers Association. Prior to installation, the contractor shall provide written submittal with verification from the RTF® Turf Producers Association that the selected local grower is licensed to produce and sell RTF® sod. In addition, an RTF SOD CERTIFICATE from the Association verifying the authenticity of the sod shall be provided with each delivery. Deliveries without the certificate will be rejected. No substitutions of sod will be accepted.



A - ADDITIVE ALTERNATE 02 PLAN



FINAL
DEVELOPMENT PLAN



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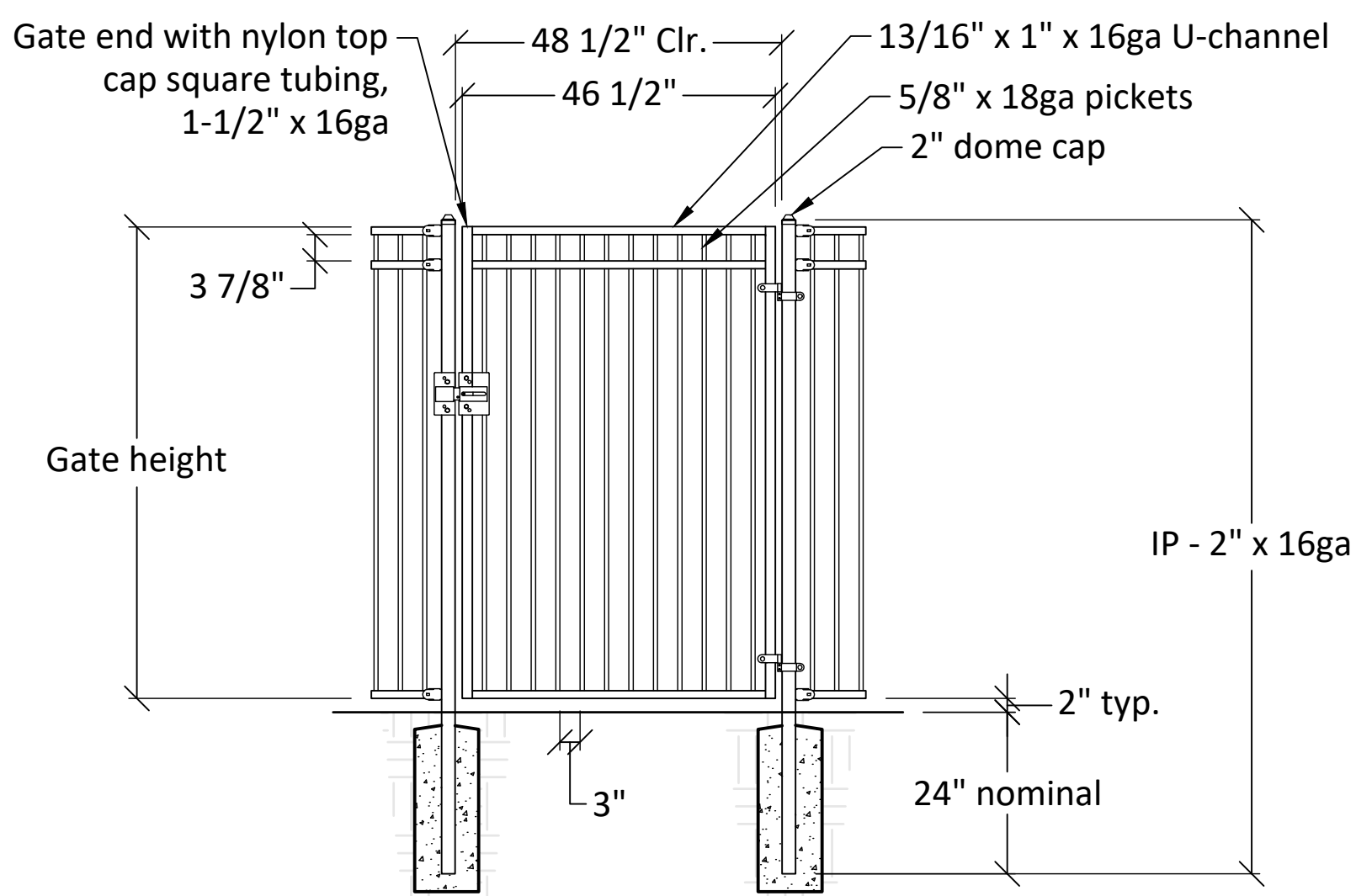
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DESIGNER : ERDM	DRAWN : ERDM	
ARCHITECT : DAS	CHECKED : ADM	
ENGINEER : ERB	APPROVED : CDW	
NO.	REVISION DESCRIPTION	DATE
1	FDP RESUBMITTAL	2/16/2024

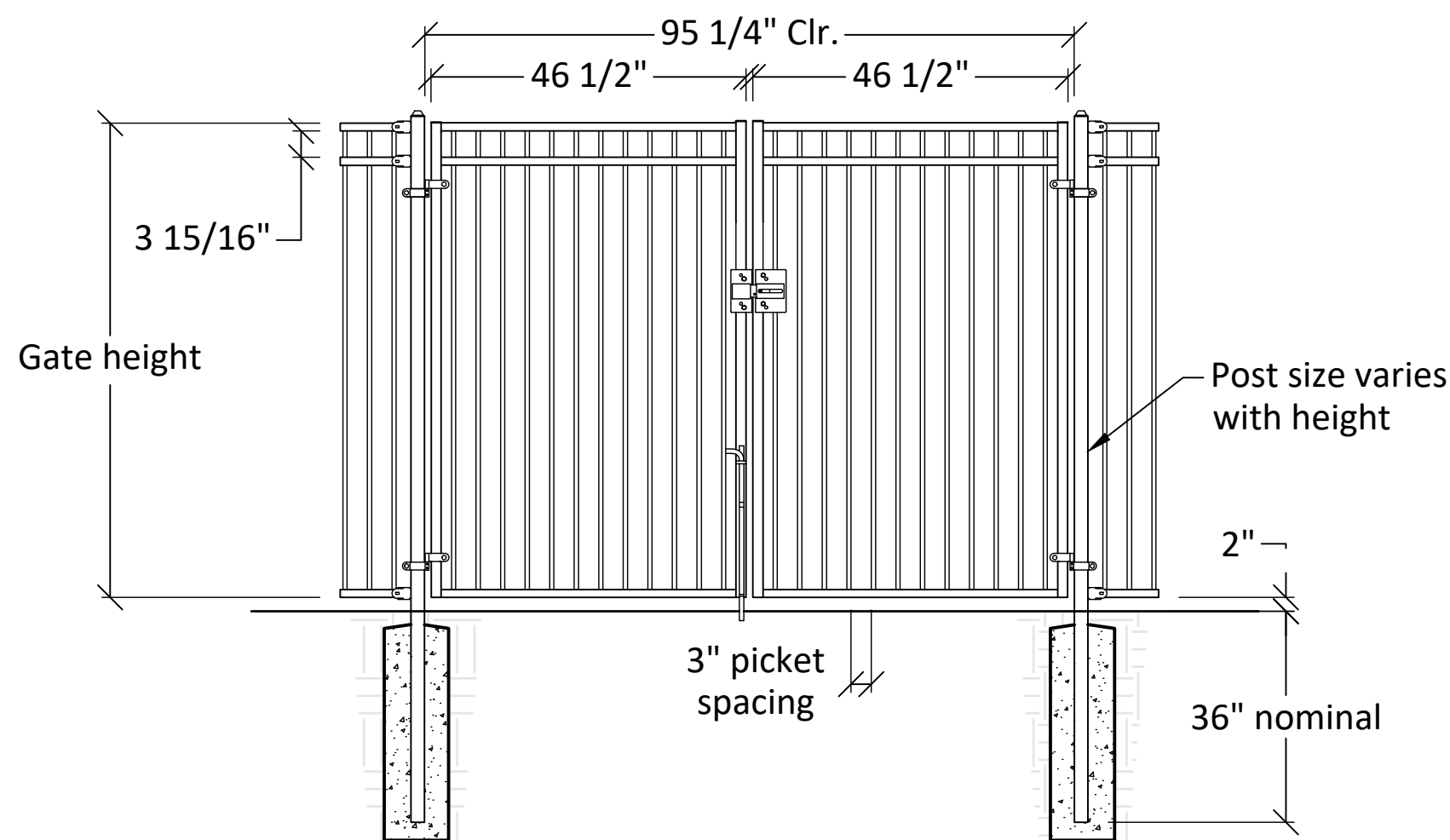
DRAWING TITLE

CONSTRUCTION
DETAILS

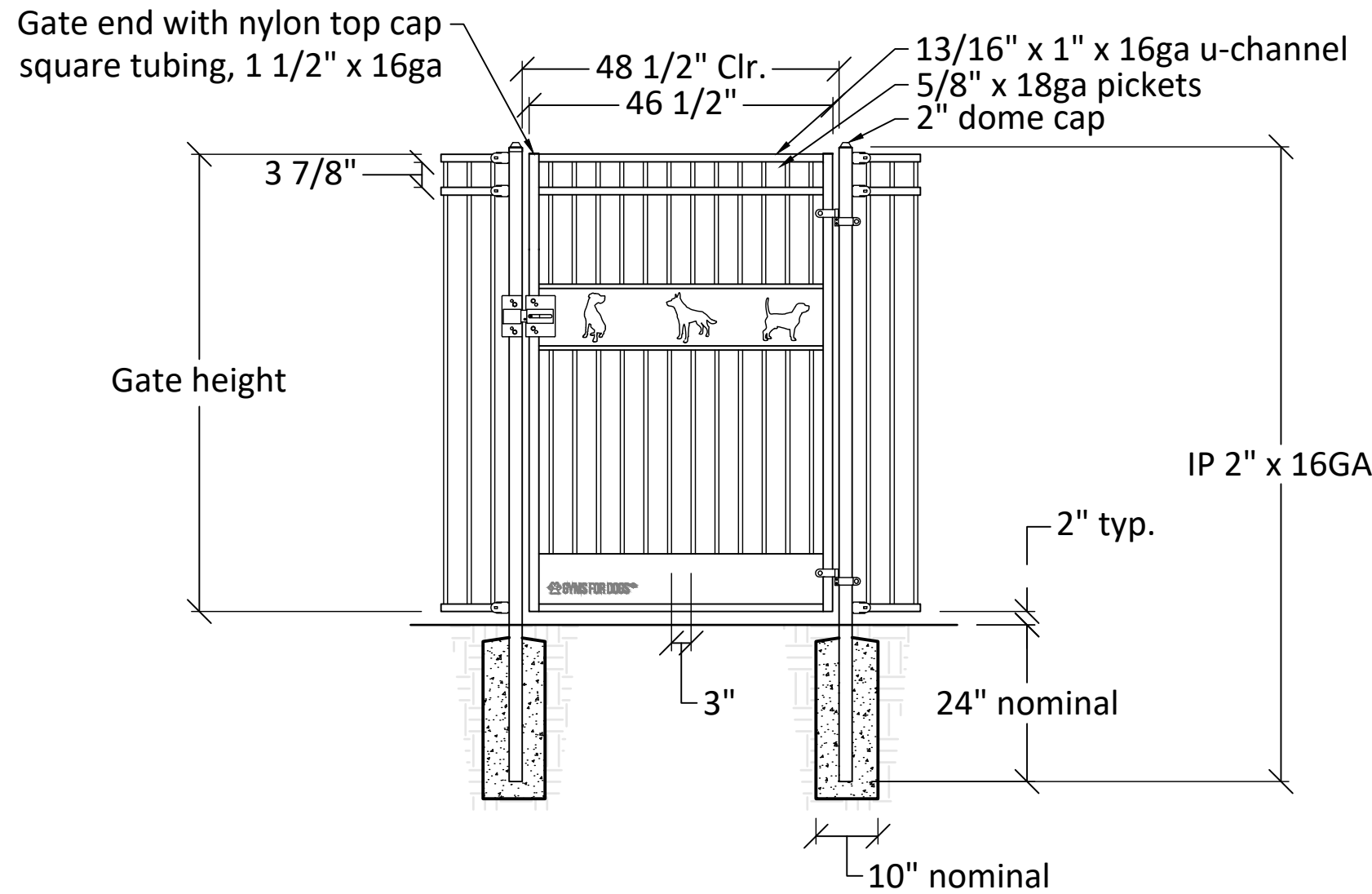
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COMM. NO. 23104.00	L3.1



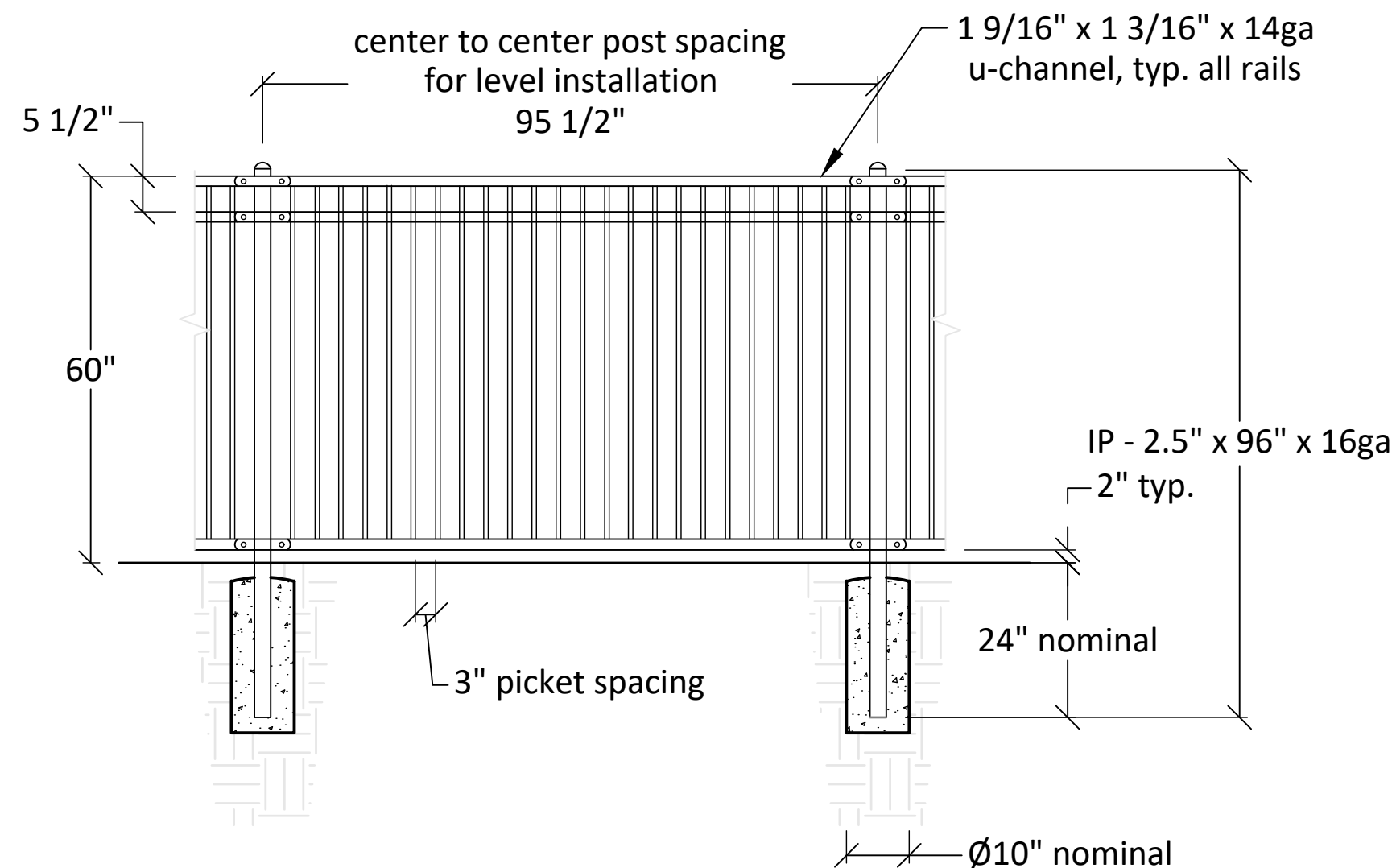
05 Dog Park Fence - Secondary Gate



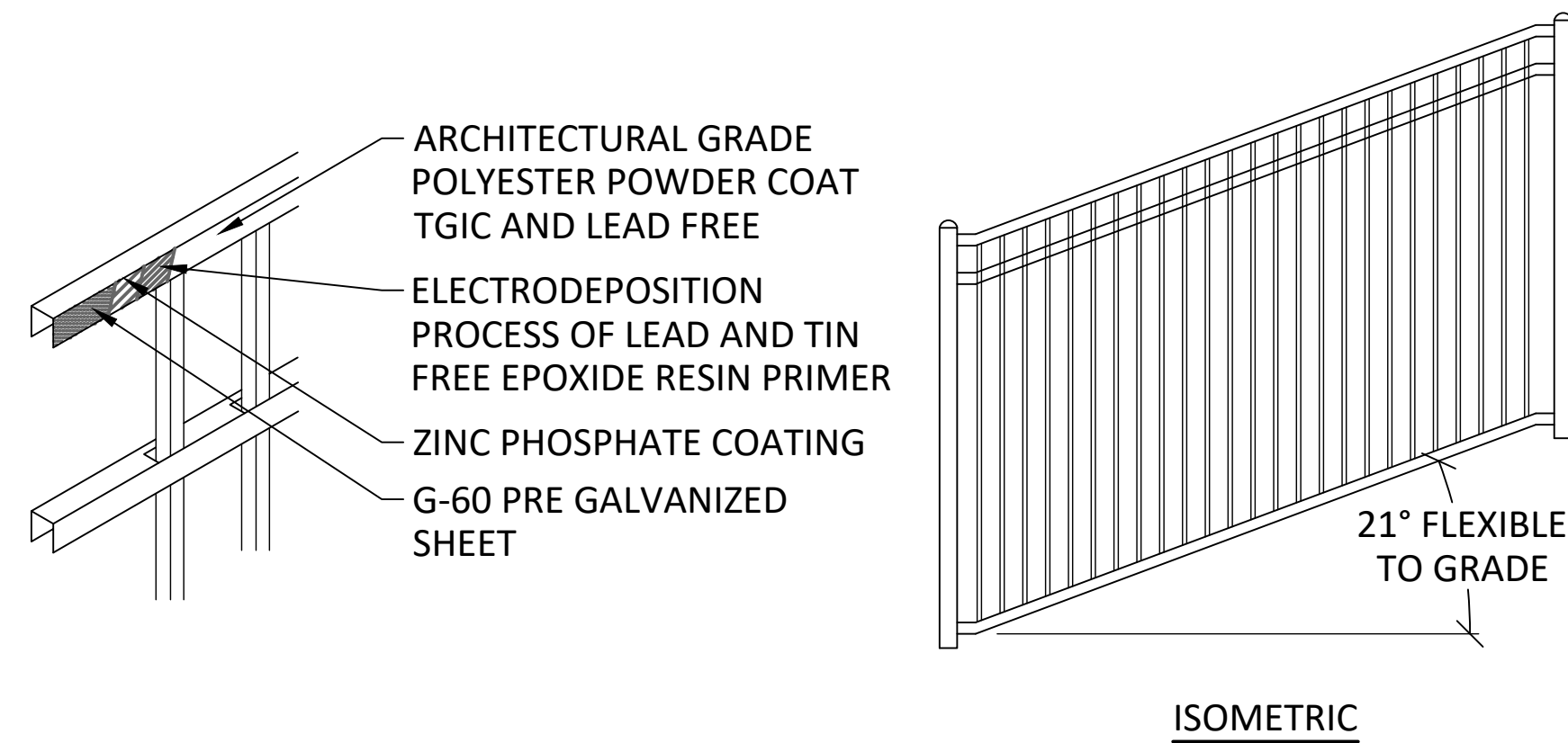
03 Dog Park Fence - Service Gate



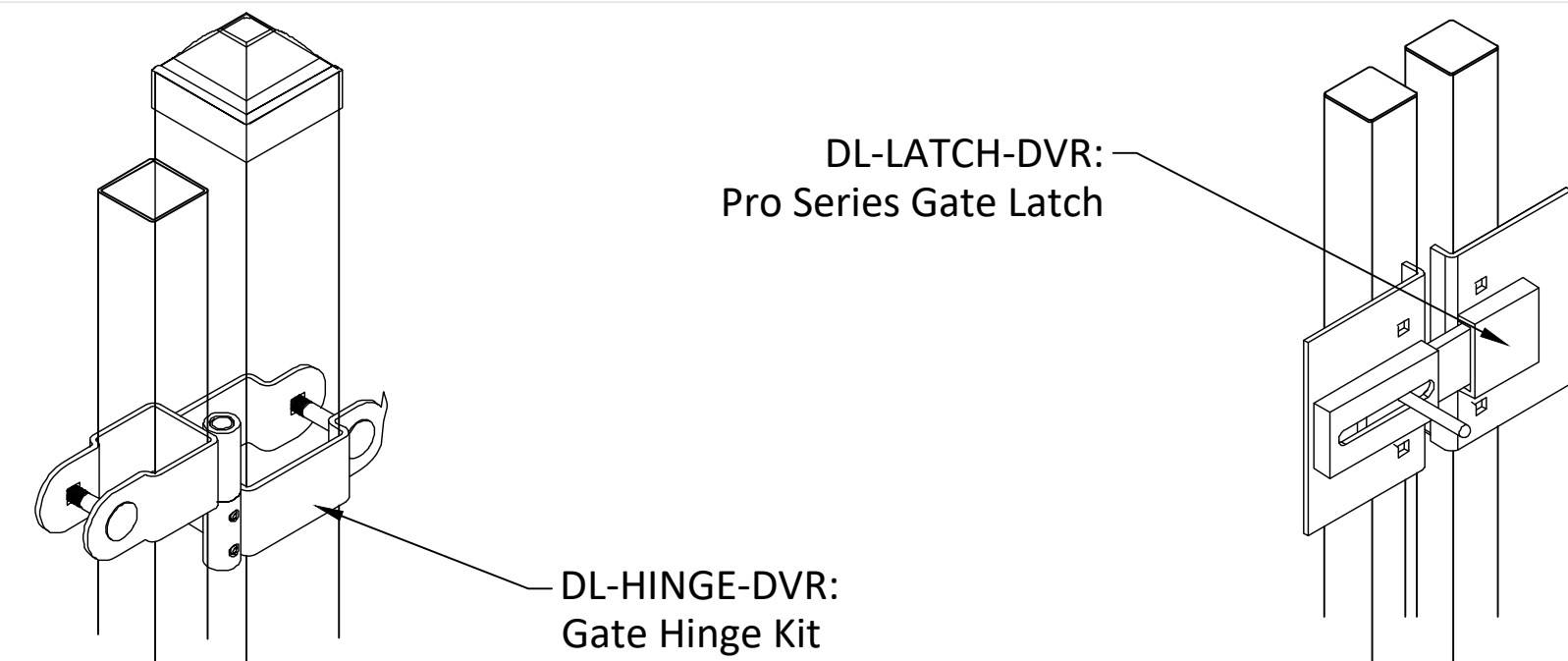
04 Dog Park Fence - Primary Gate



02 Dog Park Fence - Posts & Panels



07 Dog Park Fence - Railing Detail



06 Dog Park Fence - Entry Gate Self-Close Hinge & Latch



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3815 RIVER CROSSING PKWY SUITE 100
INDIANAPOLIS, IN 46240
PHONE: (800) 931-1562
EMAIL: sales@GymsForDogs.com
www.GymsForDogs.com

DESIRED MOUNT: ☒ IN-GROUND ☐ SURFACE
DESIRED HEIGHT: ☐ 48" ☒ 60" ☐ 72"
DESIRED PICKET SPACING: ☒ 3" (SHOWN) ☐ 3.9"
DESIRED FENCE: ☐ ALUMINUM ☒ STEEL

Doggie DVR Fence Series

Item	Approx. Dimensions	Item Number
Panels – 90.5" wide	Fence Panel – 5' Tall	DL-FN5FP-DVR
Gates – 4' Wide	Entrance Gate – 5' Tall	DL-FN5EG-DVR
Gates – 4' Wide	(2) 4' Wide panels for a total opening of 8'	DL-FN5SG-DVR
Post – 2.5" x 2.5"	In-Ground Post (IG)	DL-FNIG5-DVR
Post – 2.5" x 2.5"	Post Top Cap – 1 per post	DL-FNPOST-DVR
Mounting Brackets	In-Line Brackets (2) Kit per post	DL-LBRACKET-DVR
Mounting Brackets	End, Corner, T Brackets (2) Kit per post	DL-TBRACKET-DVR
Gate Hinges and Latch	Hinge Kit – 2 Hinges per Kit	DL-HINGE-DVR
Gate Hinges and Latch	Latch for Entrance Gate	DL-LATCH-DVR
Gate Hinges and Latch	Drop Rod Kit for Service Gate	DL-DROPPN-DVR
Gate Hinges and Latch	Fork Latch for Service Gate	DL-FORKLTH-DVR

01 Dog Park Fence - Fence Selection



FINAL DEVELOPMENT PLAN

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ENGINEER : ERB	APPROVED : CDW	
NO.	REVISION DESCRIPTION	DATE
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DRAWING TITLE

CONSTRUCTION DETAILS

DATE: December 1, 2023	DRAWING
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FINAL
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PROJECT TITLE



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Architecture
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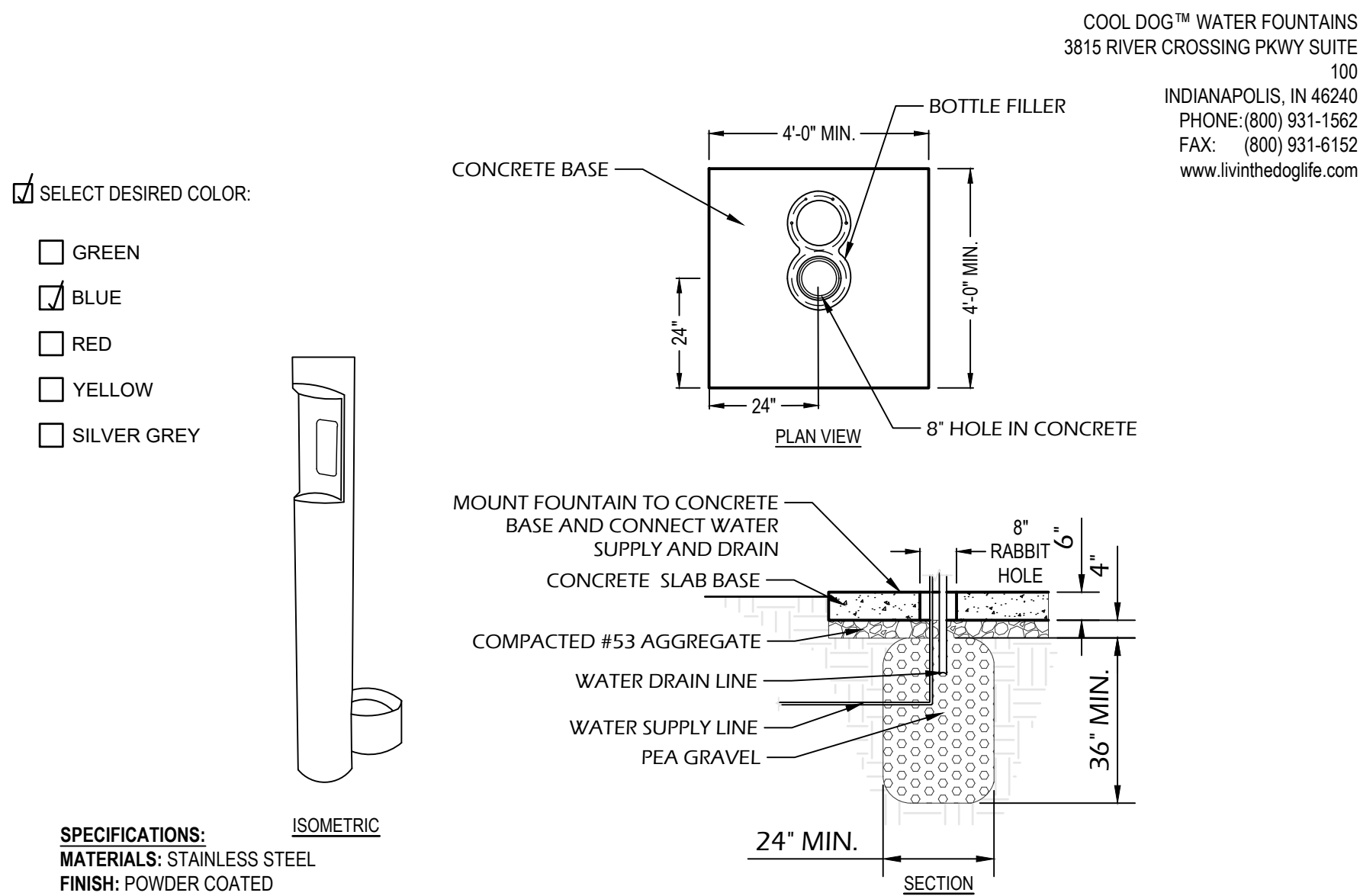
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1	FDP RESUBMITTAL	2/16/2024

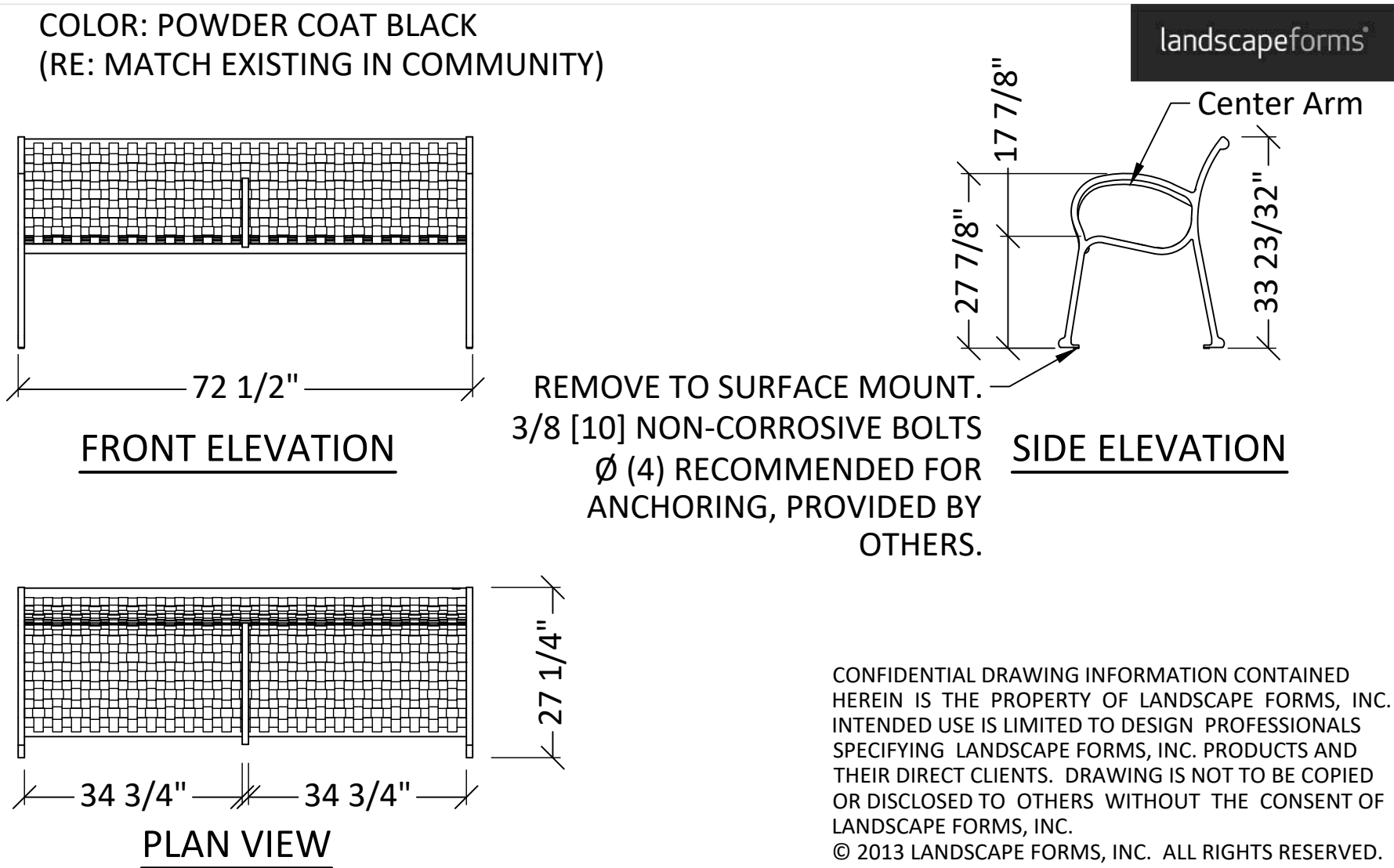
DRAWING TITLE

AMENITIES
DETAILS

DATE: December 1, 2023	DRAWING
COMM. NO. 23104.00	L3.3



03 DL-1000-BF: Cool Dog Water Fountain

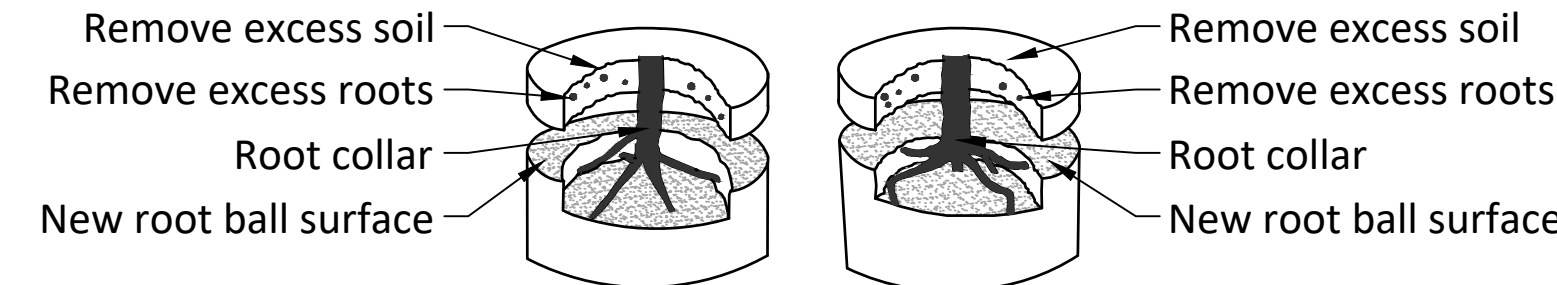


02 Landscape Forms Scarborough 72" Woven Bench with Central Arm

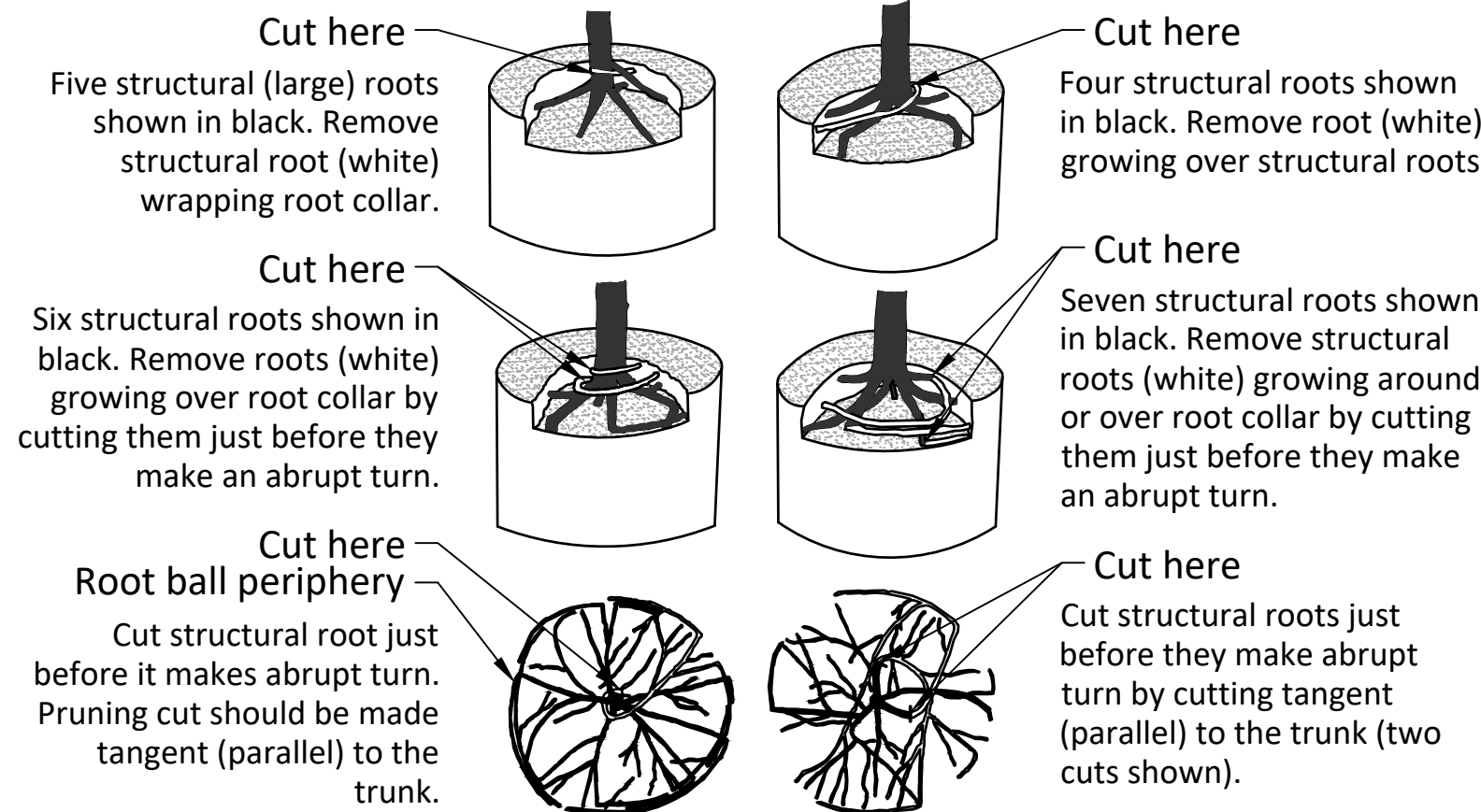
01 ZEROWASTEUSA.COM The Gladiator Dog Waste Station

Step 1 - Remove substrate over root collar

Plants planted too deeply in root ball. Remove excess substrate and roots to meet root inspection detail.



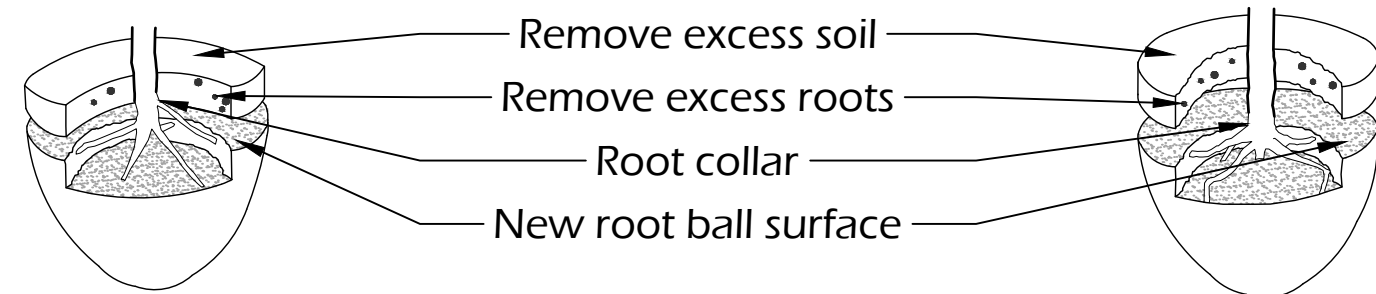
Step 2 - Remove defects.



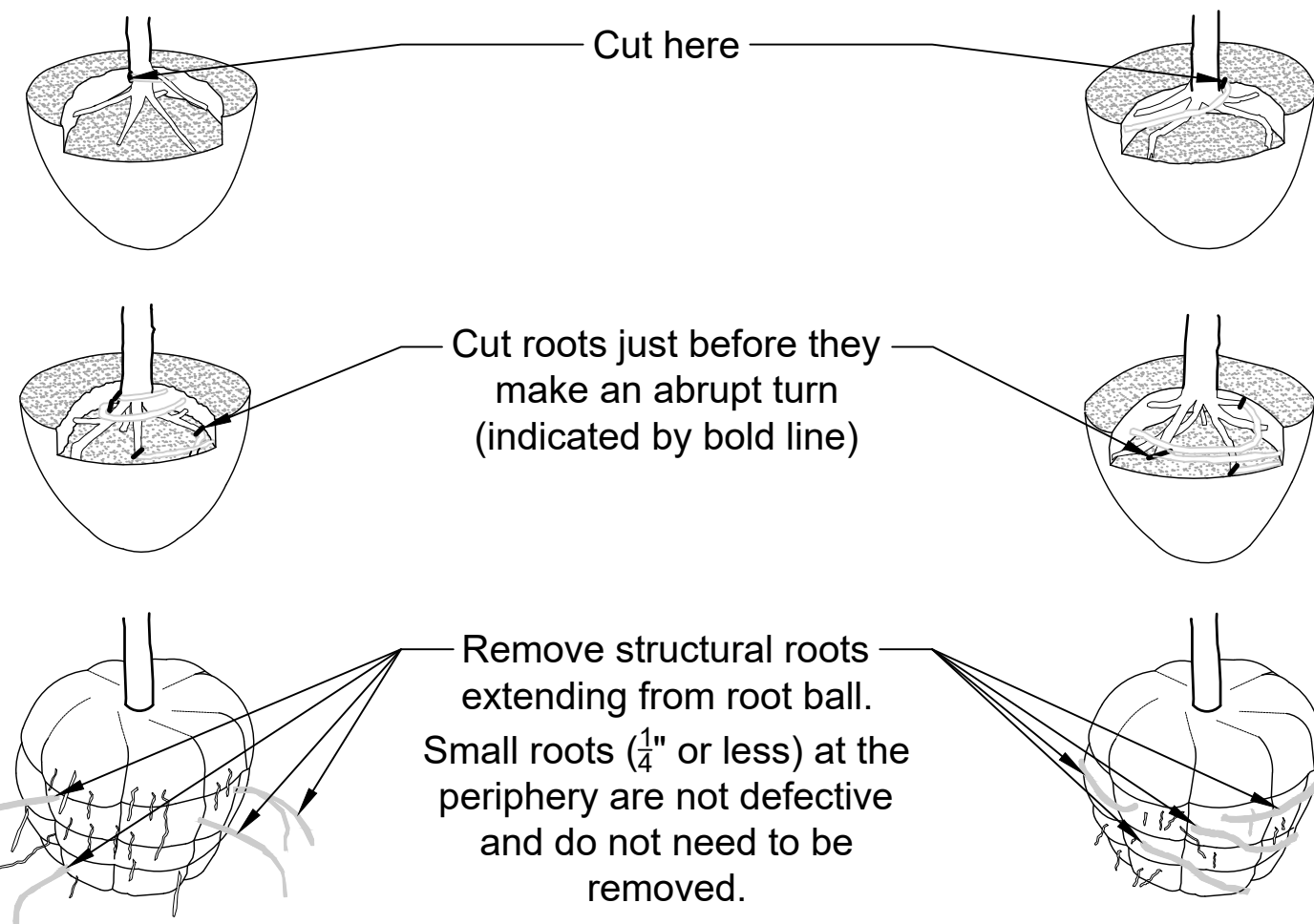
Notes:
1- All plants shown are rejectable unless they undergo recommended correction.
2- First Step 1, then Step 2. Roots and soil may be removed during the correction process; substrate/soil shall be replaced after correction has been completed.
3- Plants shall meet root observations detail following correction.
4- Small roots (1/4" or less) on the periphery of the root ball are common with container plant production. These small roots are not defined as "defects" and can be addressed at the time of installation.

05 Root Correction - Container Plants

Step 1 - When tree is planted too deeply in root ball, remove excess soil & roots to meet root inspection detail 212.

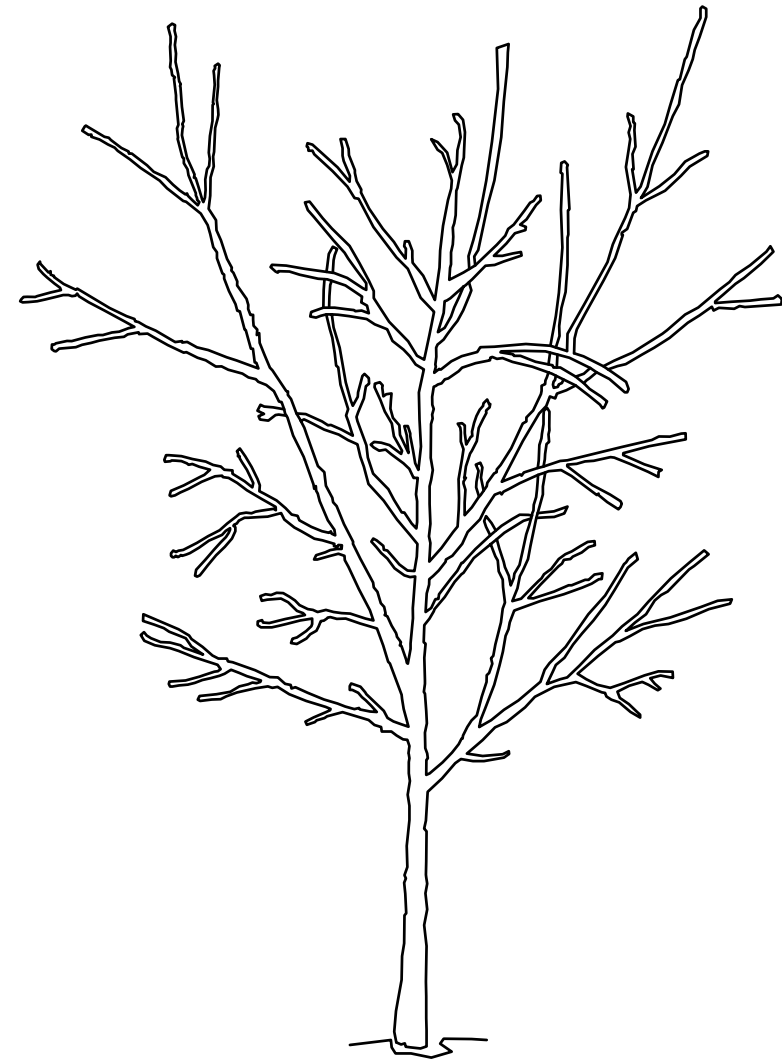


Step 2 - Remove defective roots.

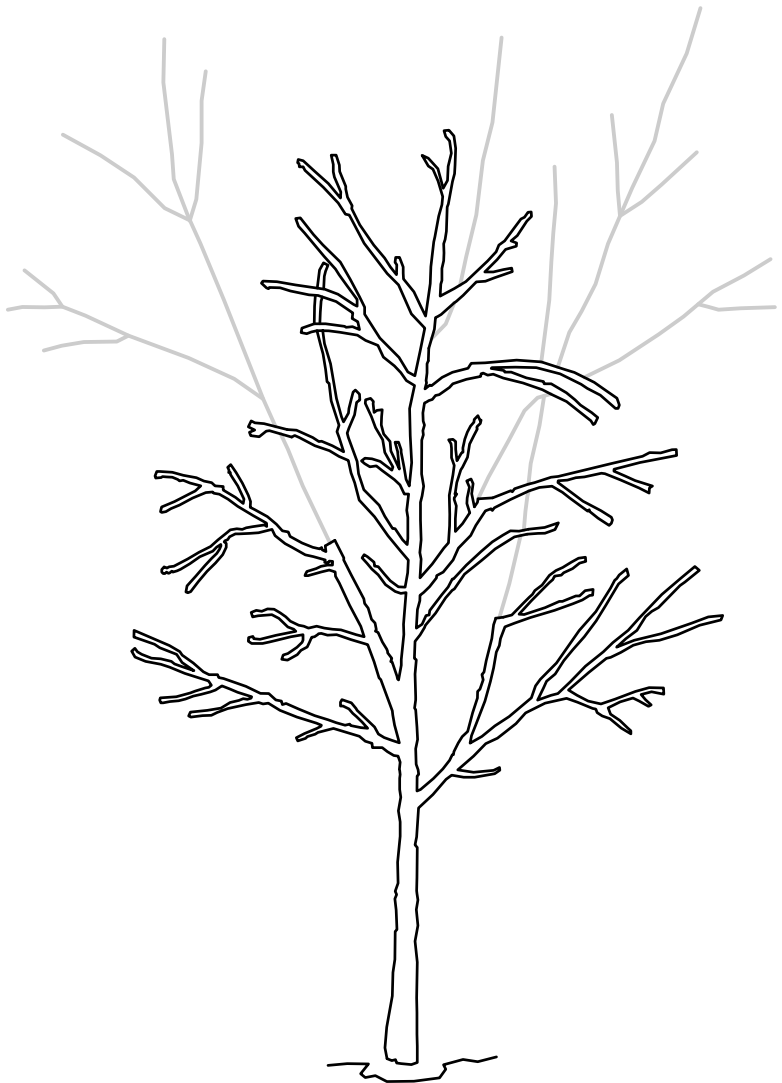


DETAIL NOTES:
1. Protect and maintain structural (large) roots while removing defective roots. Examples of defective roots as follows:
1.1. Roots wrapping around root collar
1.2. Roots growing over structural roots
1.3. Roots growing around or over root collar
2. All trees shown are rejectable unless they undergo recommended correction.
3. First step 1, then step 2. Adjust hole depth to allow for the removal of excess soil and roots over the root collar.
4. Roots and soil may be removed during the correction process; substrate/ soil shall be replaced after the correction has been completed.
5. Trees shall pass root observations detail following correction.

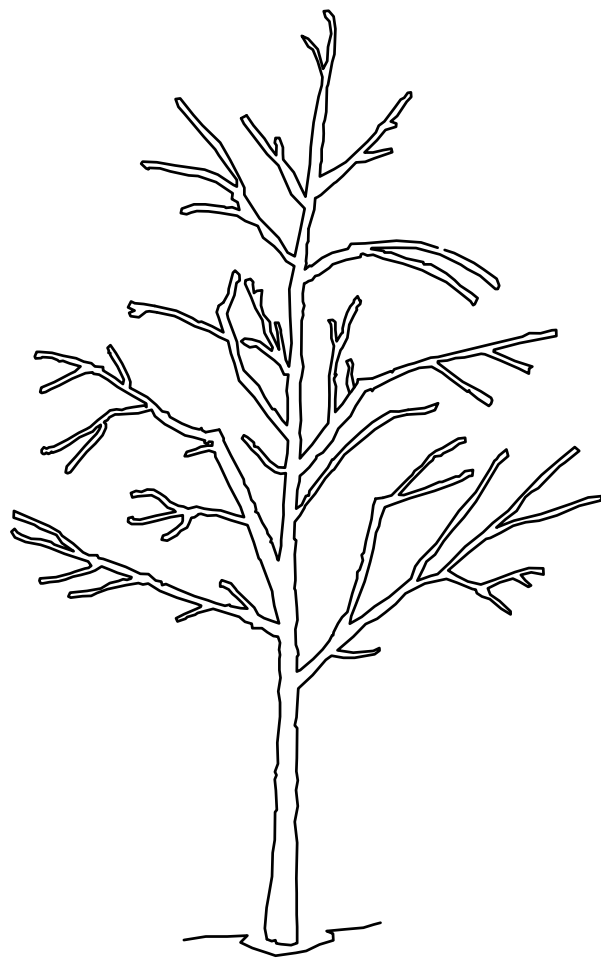
03 Root Correction - Balled & Burlapped Plants



1. Before planting, tree has three codominant stems. The two that compete with the one in the center should be pruned to suppress their growth.



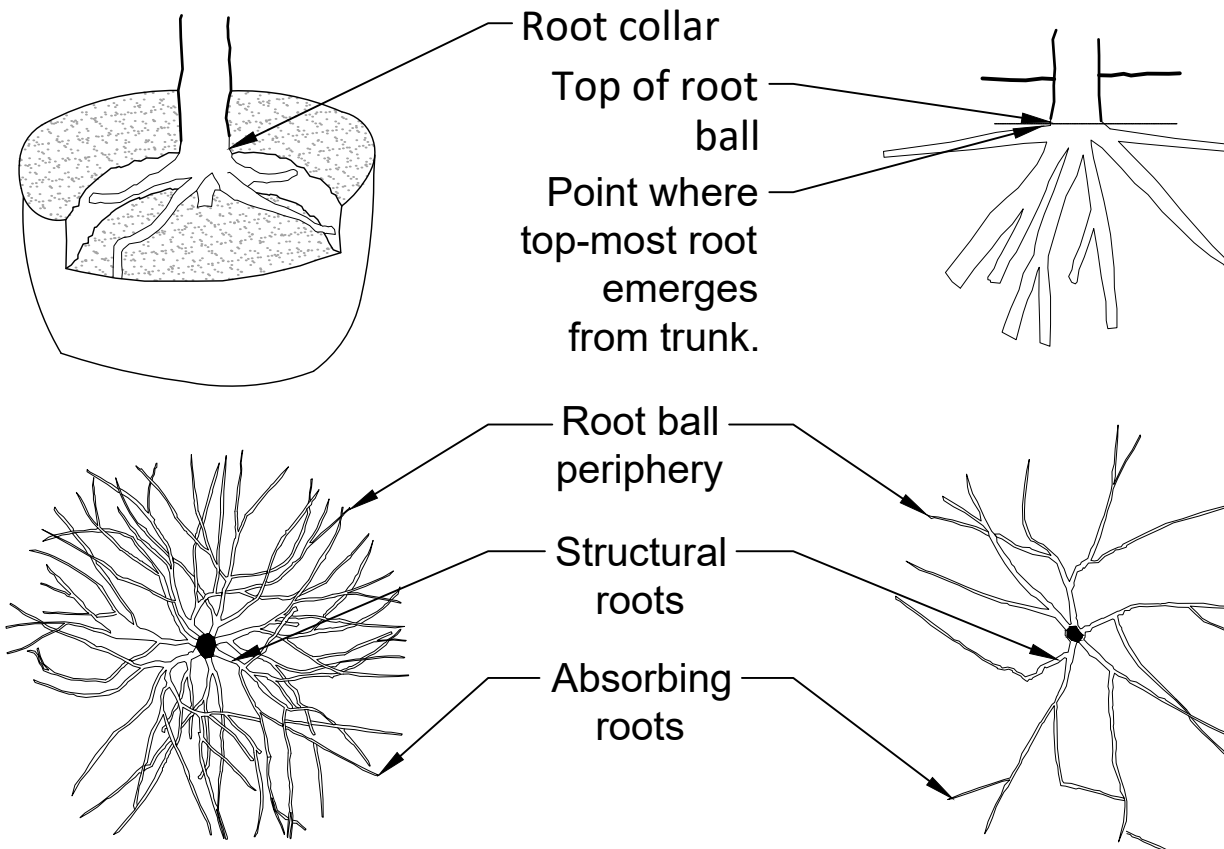
2. Two competing stems were reduced substantially, in this case removing about 70% of their foliage using reduction cuts.



3. After pruning, plant has only one dominant stem.

NOTES:
1. All trees shown are rejectable unless they undergo recommended treatment.
2. Tree shall meet crown observation detail following correction.

02 Crown Correction Example



REJECTABLE

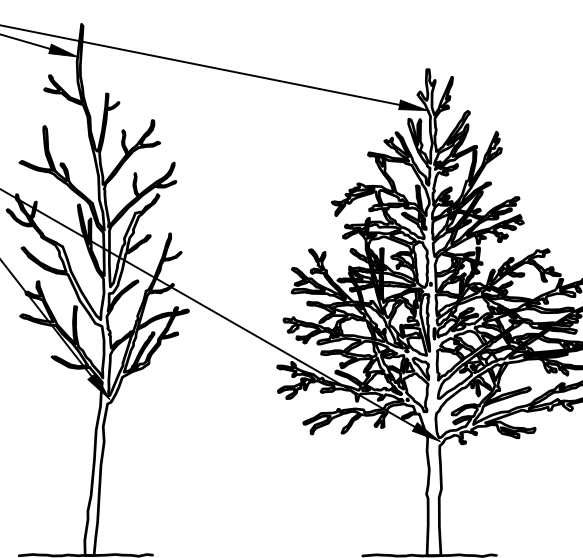
1. Structural roots circle interior of root ball.
2. No structural roots are horizontal and reach the root ball periphery near the top of the root ball.
3. Only absorbing roots reach the periphery near the top of the root ball. Structural roots mostly wrap or are deflected on the root ball interior.
4. Structural roots descend into root ball interior.
5. Structural roots circle and do not radiate from the trunk.
6. Structural roots primarily grow to one side.
7. Structural roots missing from one side, and/or grow tangent to trunk.

Notes:
A. Observations of roots shall occur prior to acceptance. Roots and soil may be removed during the observation process; substrate/soil shall be replaced after the observations have been completed.

04 Root Inspection - Balled & Burlapped Plants

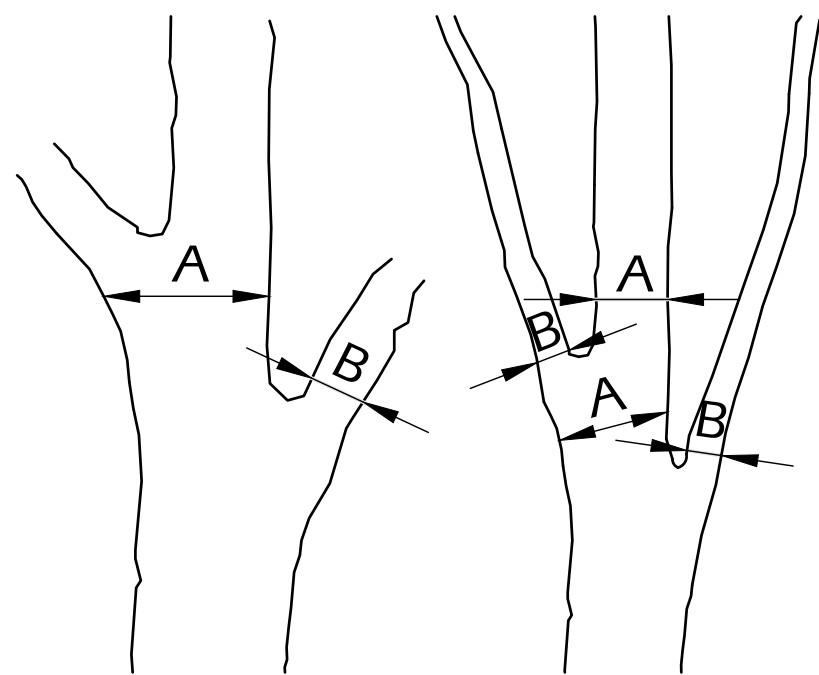
ACCEPTABLE

One central leader (no codominant leaders)
Aspect ratio is less than (<) 0.66



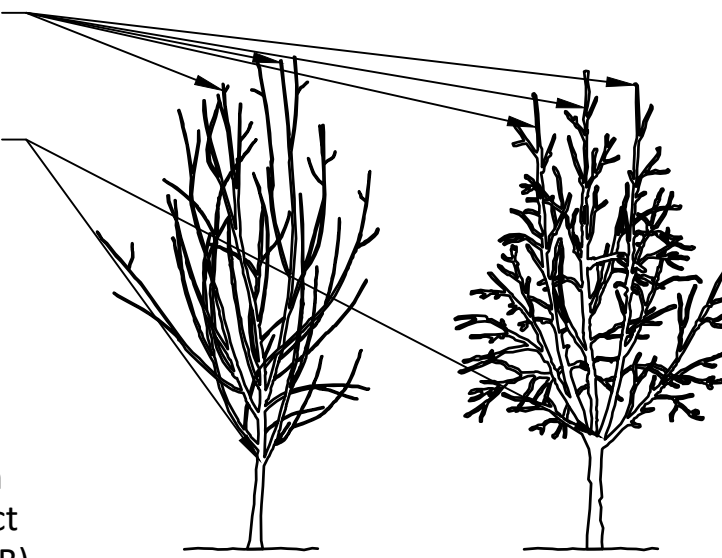
Example		
A	B	Aspect Ratio
1.50"	0.50"	0.33
2.50"	0.90"	0.36
2.0"	1.00"	0.50
2.50"	1.60"	0.64

Aspect ratio of B:A less than 0.66 as measured 1" above the top of the branch union.



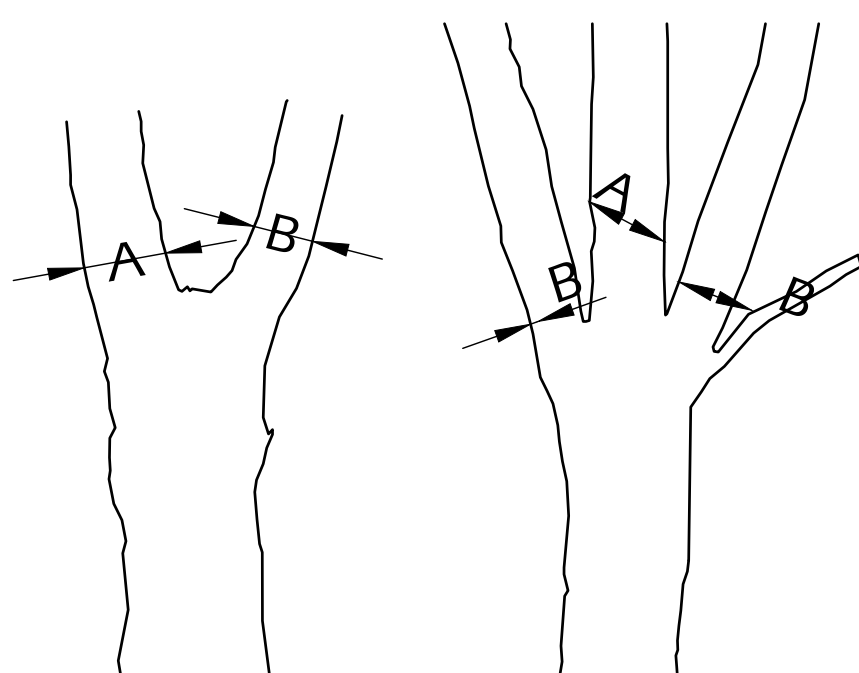
REJECTABLE

Multiple leaders (Several codominant leaders)
Aspect ratio is greater than (>) 0.66



Example		
A	B	Aspect Ratio
2.50"	1.80"	0.72
2.0"	2.0"	1.0
2.50"	2.0"	0.80
4.0"	3.0"	0.75

Aspect ratio of B:A greater than 0.66 as measured 1" above the top of the branch union.



Notes:
1- Aspect ratio shall be less than 0.66 on all branch unions. Aspect ratio is the diameter of branch (B) divided by the diameter of the trunk (A) as measured 1" above the top of the branch union.
2- Any plant not meeting this detail may be rejected.

01 Crown Inspections - High Branched



FINAL
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Architecture
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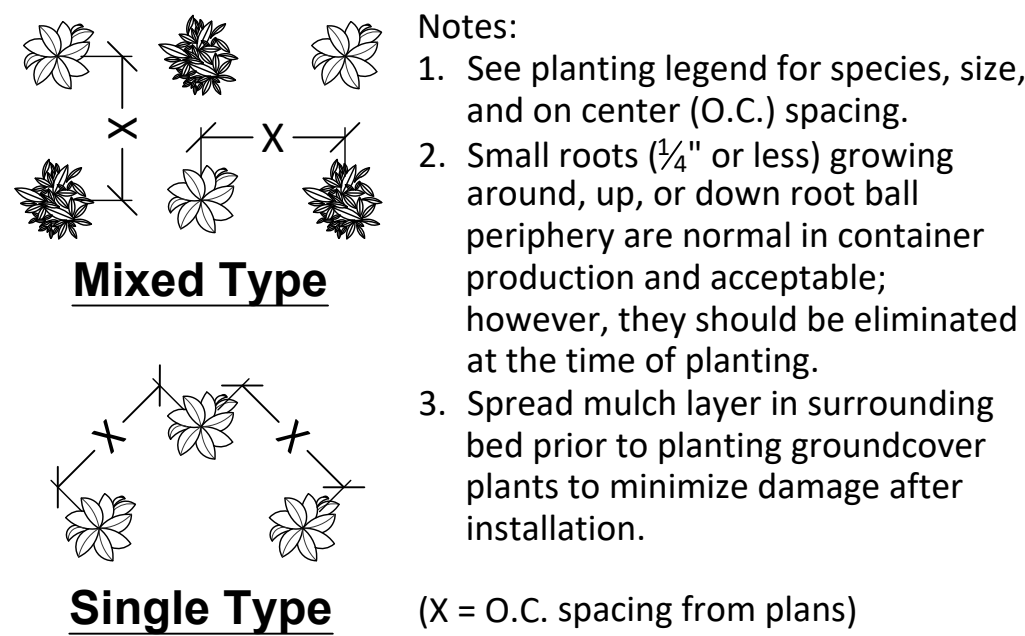
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DESIGNER : ERDM	DRAWN : ERDM	
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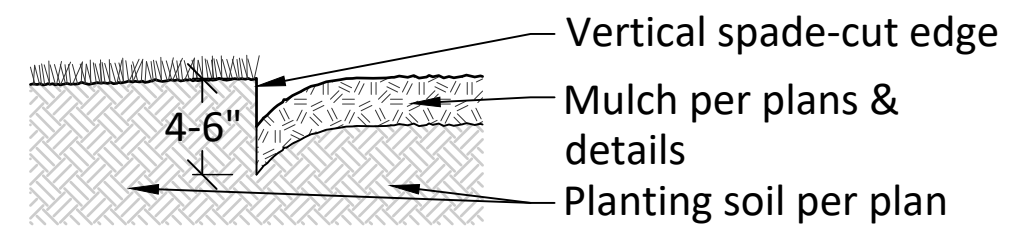
DRAWING TITLE

PLANT SELECTION
DETAILS

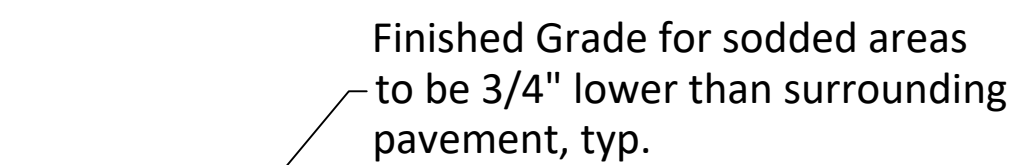
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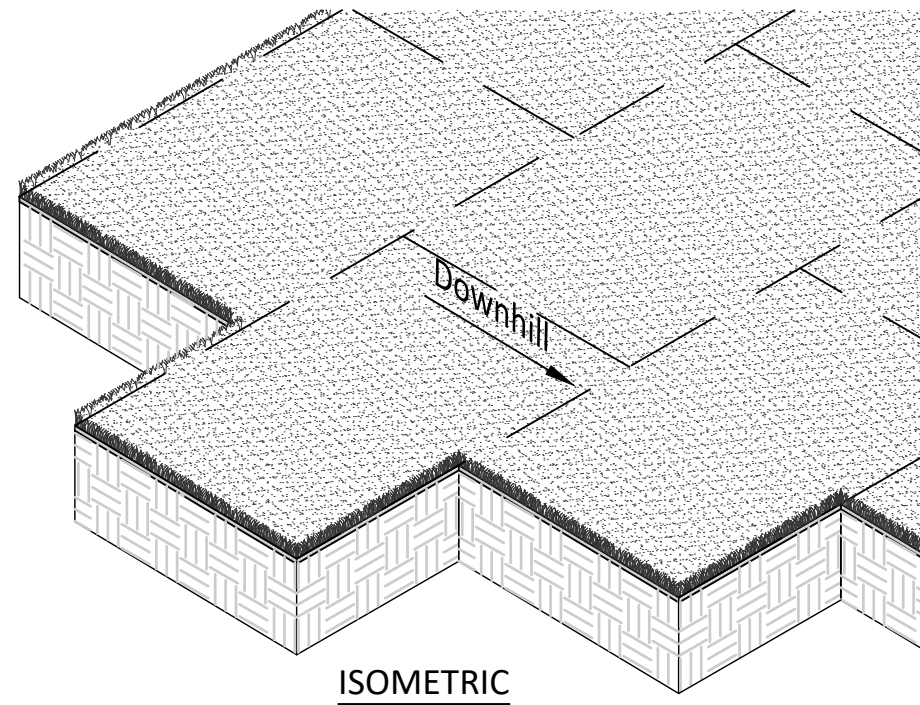
06 Groundcover Spacing Plan



05 Spade Cut Edge - Turf to Tree Bed



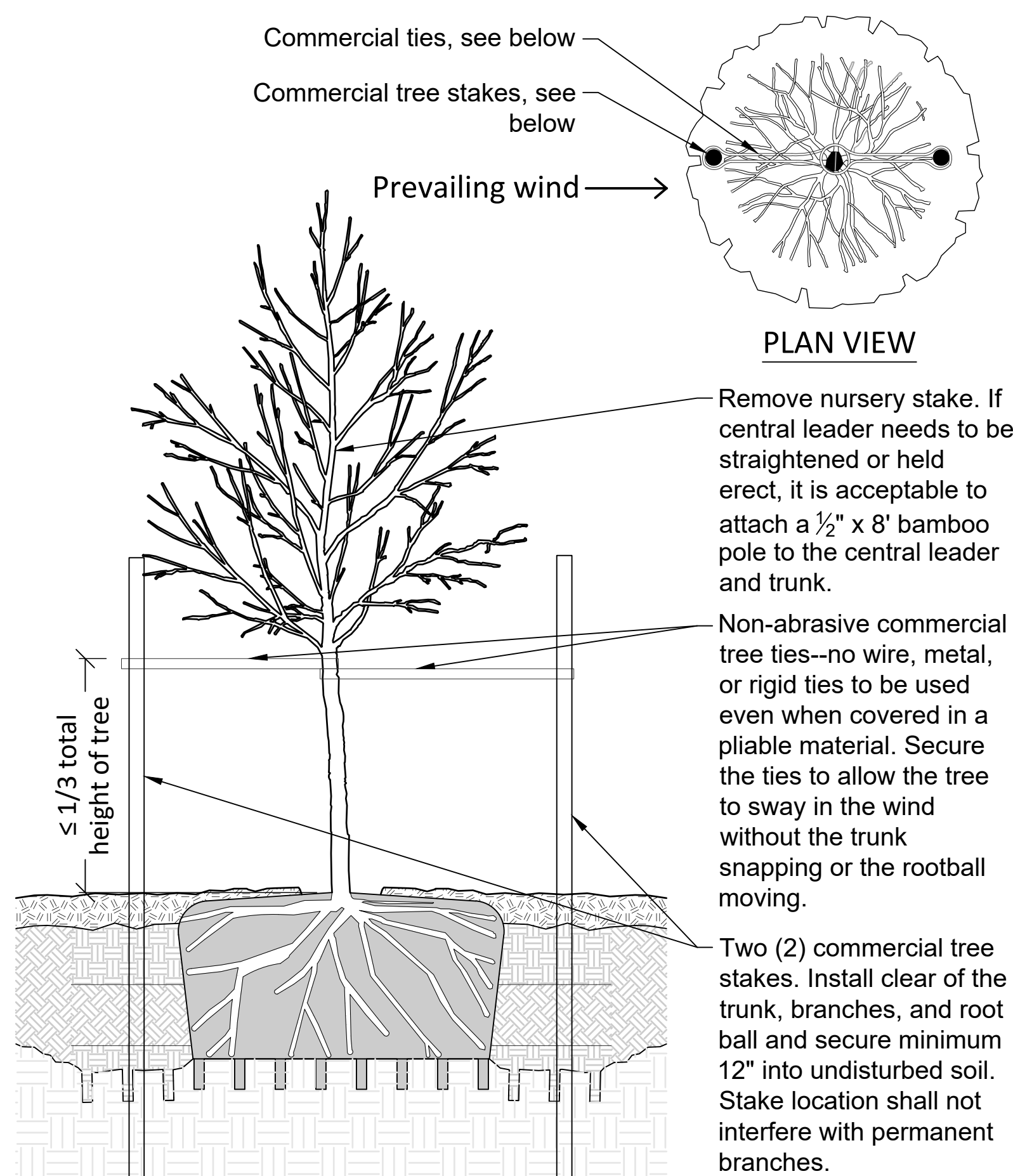
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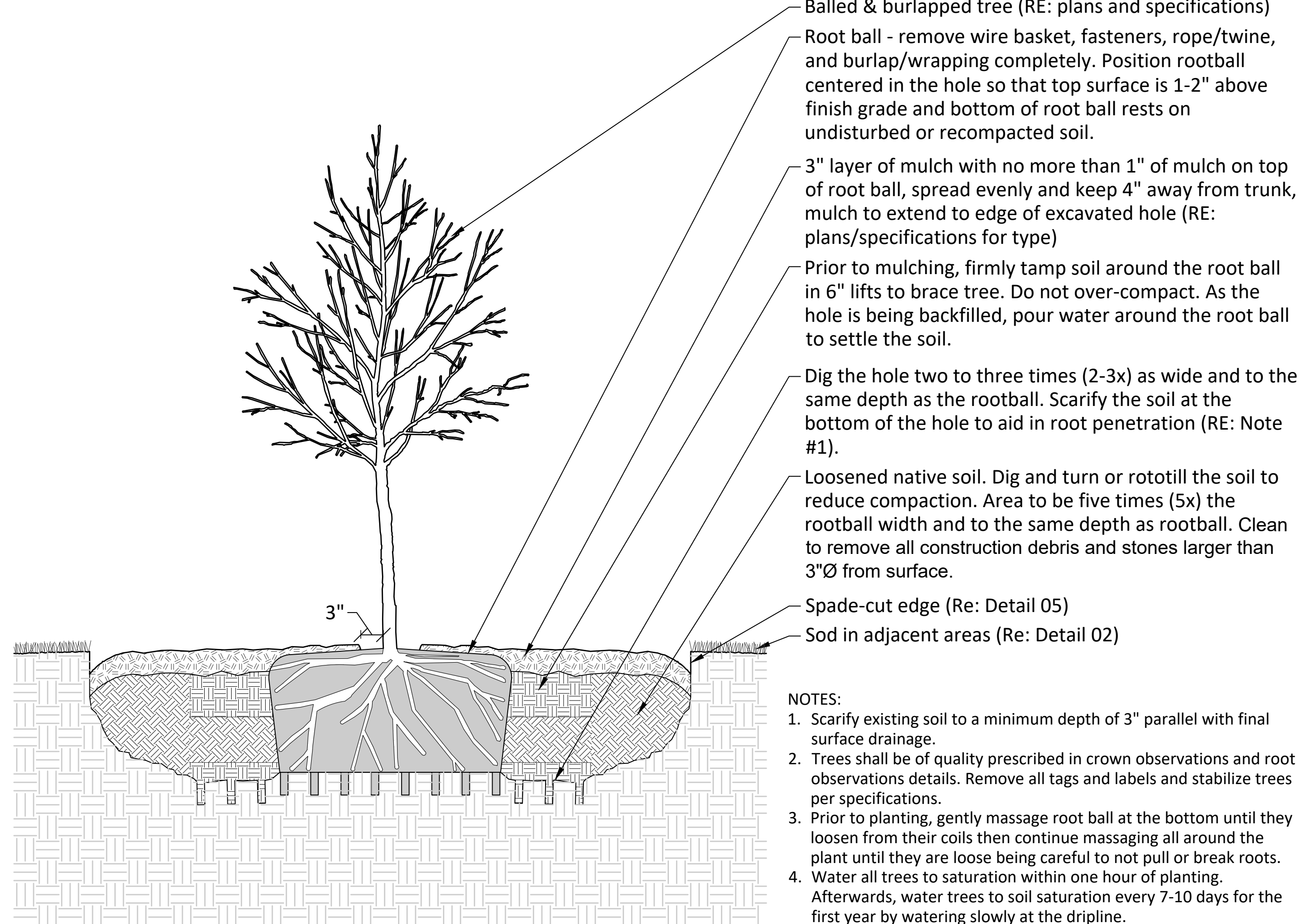
INSTALLATION REQUIREMENTS:

1. After construction is complete, remove stones, roots, large soil clods, and other material from the areas to be sodded. Evenly spread the specified topsoil to the depth shown in the Soils Plan or six inches minimum. Ensure topsoil is sloping at a minimum of two percent (one foot of drop for every fifty feet of run).
2. Evenly apply 10-10-10 fertilizer using 10 pounds per 1,000 square feet and rake into the loosened topsoil.
3. Prior to laying sod, lightly moisten the soil.
4. Start laying sod along a long edge. Butt all edges without overlapping; don't leave gaps at seams. Lay all sod in a brick-like pattern. Unroll each piece of sod in the same direction.
5. Seam all the edges by firmly rolling them together.
6. Avoid walking or kneeling on the sod as you lay it to minimize air pockets and indentations beneath sod.
7. Lay sod horizontally across slopes as shown.
8. If necessary to prevent erosion, place brightly painted / clearly marked fabric staples where necessary to prevent erosion / movement of the sod.
9. Minimize use of cut / partial pieces.
10. Water newly laid sod within 30 minutes. Ensure good root contact by rolling the lawn.
11. Water sod thoroughly for the first two weeks. Do not allow sod to dry out at any point during this critical period. Do not overwater. As roots are established, water less frequently for longer periods to encourage deep, healthy root growth.
12. Once the sod is at least three inches tall, gently pull up on several areas to confirm sod roots are firmly attached to the soil. Once confirmed, mow lawn down to no shorter than two thirds of its height and never below two inches. Mow in different directional pattern each time to ensure even growth over the first growing season.
13. Four to six weeks after good root growth has been confirmed, fertilize the lawn with 10-10-10 fertilizer at the rate of 10 pounds per 1,000 square feet.

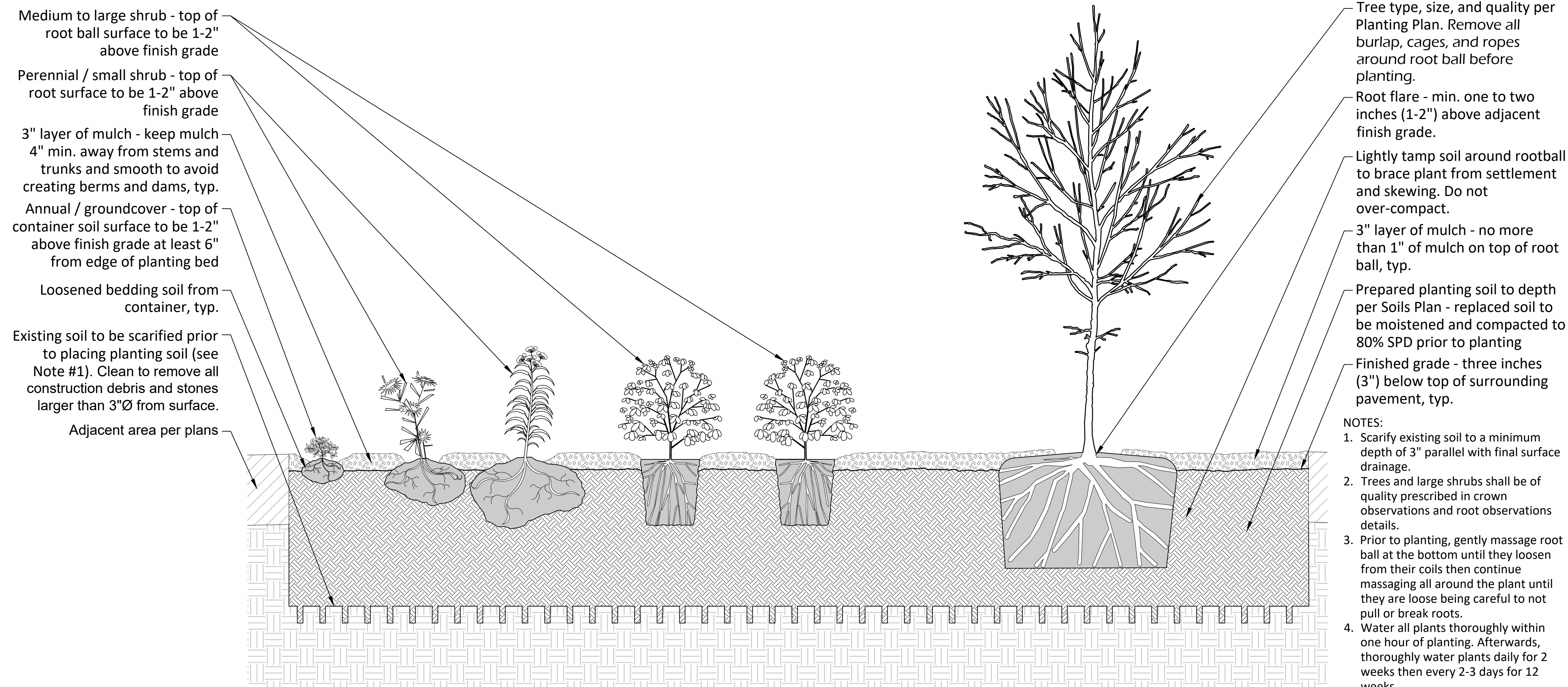
02 Sod Installation



04 Dual Pole Tree Staking



03 Balled & Burlapped Tree Planting in Native Soil



01 Planter Bed Installation & Planting



FINAL DEVELOPMENT PLAN

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DESIGNER : ERDM	DRAWN : ERDM	
ARCHITECT : DAS	CHECKED : ADM	
ENGINEER : ERB	APPROVED : CDW	
NO.	REVISION DESCRIPTION	DATE
1	FDP RESUBMITTAL	2/16/2024

DRAWING TITLE

PLANTING DETAILS

DATE: December 1, 2023	DRAWING
COMM. NO. 23104.00	L3.5

ARCHITECTURAL ABBREVIATIONS

AB	ANCHOR BOLT	JAN	JANITOR CLOSET
ADD	ADDENDUM		
AFF	ABOVE FINISH FLOOR	LF	LINEAR FOOT
ALT	ALTERNATE	LOC	LIMITS OF CONSTRUCTION
ARCH	ARCHITECTURAL	LP	LOW POINT
BLDG	BUILDING	MACH	MACHINE
BLKG	BLOCKING	MAINT	MAINTENANCE
BR	BEDROOM	MECH	MECHANICAL
		MO	MASONRY OPENING
		MTD	MOUNTED
CG	CORNER GUARD		
CI	CAST IRON		
CJ	CONTROL JOINT		
CMU	CONCRETE MASONRY UNIT	NA	NOT APPLICABLE
CONC	CONCRETE	NIC	NOT IN CONTRACT
CONF	CONFERENCE	NTS	NOT TO SCALE
CONT	CONTINUOUS		
CONTR	CONTRACTOR	OC	ON CENTER
CORR	CORRIDOR	OD	OUTSIDE DIAMETER
CR	CHAIR RAIL	OH	OPPOSITE HAND
CW	CASEWORK		
DEFS	DIRECT APPLIED EXTERIOR FINISH SYSTEM	PD	PARKING DRAIN
DIA	DIAMETER	PT	PRESSURE TREATED
DWG	DRAWING		
		R	RADIUS
EB	EXPANSION BOLT	RE	REFER
EJ	EXPANSION JOINT	RECPT	RECEPTION
EL	ELEVATION	RES	RESIDENT
ELEC	ELECTRICAL	RM	ROOM
ELEV	ELEVATOR	RO	ROUGH OPENING
EPS	EXTRUDED POLYSTYRENE		
EQ	EQUAL	SA	SELF-ADHERING
EQUIP	EQUIPMENT	SCHED	SCHEDULED
EWC	ELECTRIC WATER COOLER	SHT	SHEET
EXIST	EXISTING	SIM	SIMILAR
EXT	EXTERIOR	SPEC	SPECIFICATION
		STOR	STORAGE
		STRUCT	STRUCTURAL
F	FILLER		
FE	FIRE EXTINGUISHER	TLT	TOILET
FE	FINISHED END	TOJ	TOP OF JOIST
FEC	FIRE EXTINGUISHER CABINET	TOM	TOP OF MASONRY
FL	FLOOR	TOS	TOP OF STEEL
FRT	FIRE RETARDANT TREATED	TOW	TOP OF WALL
FRP	FIBERGLASS REINFORCED POLYESTER	TRN	TRAINING
FSD	FIRE SEPARATION DISTANCE	TYP	TYPICAL
GALV	GALVANIZED	UNO	UNLESS NOTED OTHERWISE
GWB	GYPSTUM WALL BOARD		
		VEST	VESTIBULE
		VIF	VERIFY IN FIELD
HORZ	HORIZONTAL		
HP	HIGH POINT	W/	WITH
HR	HOUR	WHL CHR	WHEELCHAIR
HR	HANDRAIL	W/O	WITHOUT
		WRB	WEATHER RESISTANT BARRIER
ID	INSIDE DIAMETER		
IL	INDEPENDENT LIVING		
INT	INTERIOR		
ISOL	ISOLATION		

ARCHITECTURAL SYMBOLS

	Dimension Line
	New Construction
	Building Elevation
	Limits Of Construction
	Earth
	Porous Fill (Stone Or Gravel)
	Cast-in-place Concrete
	Brick
	Concrete Masonry Units
	Steel
	Finish Wood
	Wood Blocking
	Plywood
	Batt Insulation
	Rigid Insulation
	Gypsum Wall Board
	Glass
	Sand, Cement, Grout

NOTE: THESE ARE STANDARD SYMBOLS AND ALL SYMBOLS NOTED ON THIS SHEET MAY NOT APPLY.

ARCHITECTURAL SHEET NUMBERING SERIES

A0.	GENERAL INFORMATION, FIRE PROTECTION PLANS
AD1.	ARCHITECTURAL DEMOLITION PLANS
AS1.	ARCHITECTURAL SITE PLANS
A1.	FLOOR PLANS, ROOF PLAN
A2.	ENLARGED PLANS
A3.	REFLECTED CEILING PLANS
A4.	SCHEDULES
A5.	EXTERIOR ELEVATIONS, BUILDING SECTIONS
A6.	WALL SECTIONS, EXTERIOR DETAILS
A7.	INTERIOR ELEVATIONS, DETAILS, SECTIONS
A8.	VERTICAL CIRCULATION
A9.	SPECIAL CONSTRUCTION

NOTE: THESE ARE STANDARD SHEET SERIES NUMBERS AND ALL SHEET SERIES NOTED ON THIS SHEET MAY NOT APPLY.

ARCHITECTURAL SYMBOLS

	North Symbol
	Column Grid Line
	Partition Information
	Door Information
	Room Information
	Plan & Vertical Section Reference
	Section Detail Reference
	Plan Detail Reference
	Enlarged Plan Reference
	Elevation: Multiple Elevation
	Curtain Wall Type
	Glass Type
	Window Type
	Storefront Type
	Toilet Accessories
	Revision Number
	Plan Note
	Supplemental Drawing Reference Number
	Equipment Not In Contract
	Equipment Number
	Matchline
	Center Line
	Plan Spot Elevation

NOTE: THESE ARE STANDARD SYMBOLS AND ALL SYMBOLS NOTED ON THIS SHEET MAY NOT APPLY.

PROJECT DATA

PROJECT DESCRIPTION

THIS WORK CONSISTS OF A NEW COURTYARDS IL BUILDING WITH 52 APARTMENTS AND A NEW ATRIUM THAT CONNECT TO THE EXISTING COURTYARDS BUILDINGS B AND C. THESE BUILDINGS ARE ALSO INDEPENDENT LIVING (R-2) OCCUPANCY CLASSIFICATION.

DESIGN CRITERIA

2018 International Building Code
2018 International Plumbing Code
2018 International Mechanical Code
2018 International Fuel Gas Code
2018 International Residential Code
2018 International Fire Code
2017 National Electrical Code
ICC/ANSI A117.1-2009, Accessible and Usable Buildings and Facilities

SQUARE FOOTAGE

	INDEPENDENT LIVING (R-2)	ATRIUM (A-2)	TOTAL
FIRST FLOOR	15,744	2,814	18,558
SECOND FLOOR	15,434	2,210	17,644
THIRD FLOOR	15,434	2,210	17,644
FOURTH FLOOR	15,434	1,445	16,879
TOTAL	62,046 sf	8,679 sf	70,725 sf

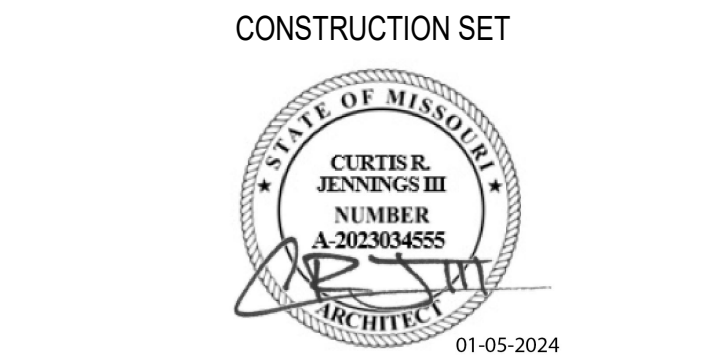
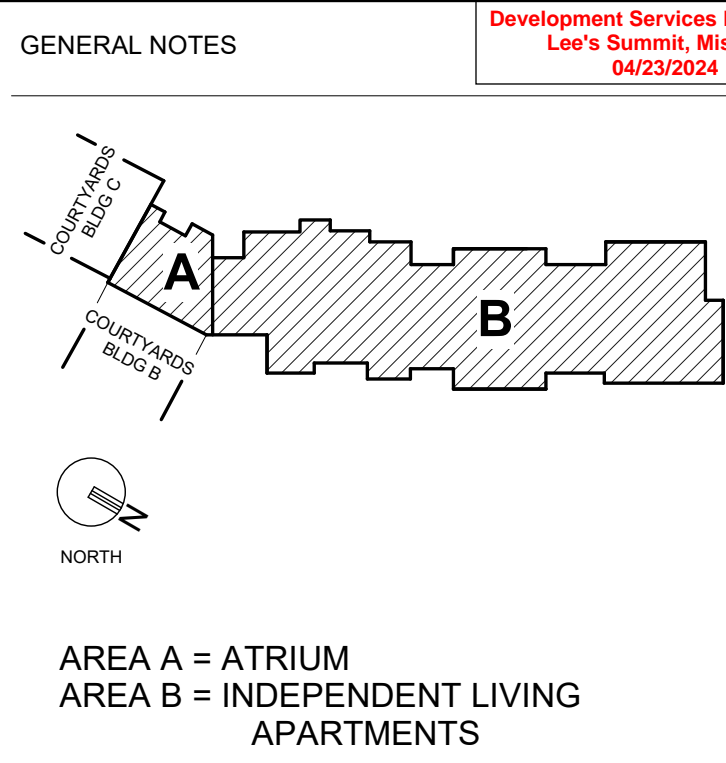
CODE INFORMATION

BUILDING TYPE	Independent Living Apartments
USE & OCCUPANCY CLASSIFICATION	R-2/A-2
CONSTRUCTION TYPE	TYPE VA
MAX. NO. OF STORIES	4 Story (without height increase)
MAX. AREA PER FLOOR	12,000 (tabular area) 21,000 (after Frontage increase)
FULLY SPRINKLED	YES, PER NFPA 13R
ATTIC SPRINKLED	NO, (there is not an attic)

Table 601 STRUCTURAL FRAME	1 HOUR
EXTERIOR BEARING WALLS	1 HOUR
EXTERIOR NONBEARING WALLS	1 HR. (1 HR. 10' TO 20' SEPARATION)
INTERIOR BEARING WALLS	1 HOUR
INTERIOR NON-BEARING WALLS	0 HOUR
FLOOR CONSTRUCTION	1 HOUR
ROOF CONSTRUCTION	1 HOUR

Table 602	
FIRE WALLS (TABLE 708.4, Note a)	2 HOUR
FIRE BARRIERS (707.3.9)	2 HOUR (Between single occupancy fire areas)
SHAFTS (708.4)	1 HOUR connecting less than 4 stories
SLEEPING UNIT SEPARATION (709.1)	0 HOUR (Smoke Partition)
TRAVEL DISTANCE (TABLE 1016.1)	200' w/Sprinkler
TRAVEL DISTANCE WITHIN RESIDENT ROOMS TO EXIT ACCESS DOOR (1014.2.3.3)	50'

UNIT NAME	HEATED SF	FLOOR 1	FLOOR 2	FLOOR 3	FLOOR 4	TOTAL
UNIT B - BIRCH	810 SF	2	3	3	3	11
UNIT C - CEDAR	925 SF	6	6	5	6	23
UNIT D1 - HICKORY	1,145 SF	2	2	2	2	8
UNIT D2 - WILLOW	1,185 SF	1	1	1	1	4
UNIT D3 - CYPRESS	1,215 SF	1	1	1	1	4
ACCESSIBLE UNITS						
UNIT B - BIRCH (ADA) E123	810 SF	1	0	0	0	1
UNIT C - CEDAR (ADA) E316	925 SF	0	0	1	0	1
TOTAL		13	13	13	13	52



PROJECT TITLE

John Knox Village
COURTYARDS - BUILDING E

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DESIGNER : DAS	DRAWN : DAS
ARCHITECT : DAS	CHECKED : AAT
ENGINEER :	APPROVED : CRJ

NO.	REVISION DESCRIPTION	DATE

DRAWING TITLE

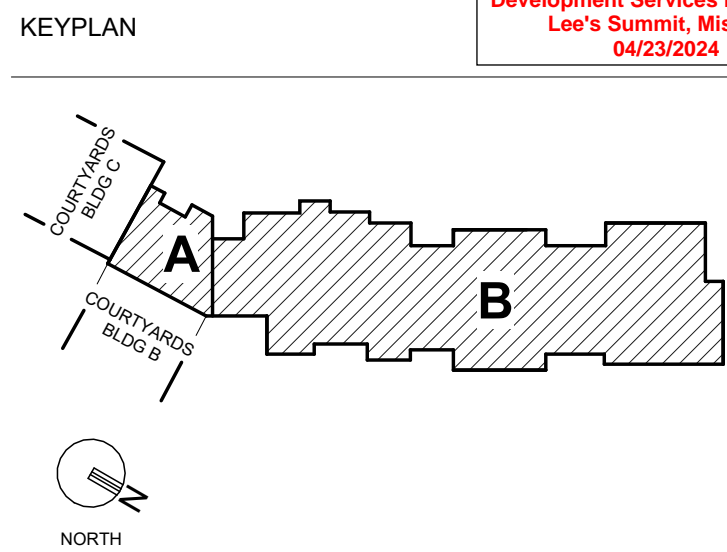
PROJECT DATA, SYMBOLS AND ABBREVIATIONS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A0.0

COURTYARDS - BLDG C OCCUPANCY INFO

AREA/FLR 10650 SF/200 = 53 OCCUPANTS/FLR
53 OCC/3 EXITS/FLR 18 OCCUPANTS EXIT INTO
NEW BUILDING

LIFE SAFETY INFO: SECOND FLOOR		
PRIMARY USE GROUP:	R-2	
TOTAL BLDG. AREA:	17,952 s.f.	
ALLOW. AREA for R-2 USE GROUP:	24,000 (TABLE 506.2)*	
CONSTRUCTION TYPE:	TYPE VA	
SPRINKLED:	YES, NFPA 13R	
STANDPIPE:	YES	
ACTUAL HEIGHT:	51'-0" (4 STORIES)	
ALLOWABLE HEIGHT	60' MAX PER 13R (4 STORIES)	
* ALLOWABLE AREA INCORPORATES INCREASE FOR INCLUSION OF FRONTAGE INCREASE PER IBC 506.3		
ASSEMBLY REQUIREMENTS (TABLE 601)		
BLDG. ELEMENT	HR. RATING	ASSEMBLY
EXT. BRG. WALL	1 HR	U356
FLOOR CONST.	1 HR	L563, L569
STR. FRAME	1 HR	X7712
ROOF CONST.	1 HR	P522
CORR. WALLS/INT. BRG.	1 HR	U311, U305
STAIRWELL/SHAFT	2 HR	U347, U905, U438
APPLICABLE CODE for ABOVE 2018 INTERNATIONAL BUILDING CODE		
OCCUPANCY CALCULATIONS:		
TOTAL OCCUPANTS = 102		



LIFE SAFETY LEGEND

- SMOKE PARTITION
- 1 HR SMOKE BARRIER
- 1 HR FIRE PARTITION
- 1 HR FIRE BARRIER
- 2 HR FIRE BARRIER
- 2 HR RATED FIREWALL
- 3 HR RATED FIREWALL
- 4 HR RATED FIREWALL

EGRESS LEGEND

OCCUPANT LOAD CALCULATIONS

3000	FLOOR AREA IN S.F.
100	ALLOWABLE S.F. PER PERSON
30	OCCUPANT LOAD

MEANS OF EGRESS

- NUMBER OF OCCUPANTS ALONG EGRESS PATH
- PATH OF EGRESS

EGRESS CAPACITY OF EXITS

- ALONG EGRESS PATH WIDTH OF EGRESS COMPONENT
- CODE ALLOWED WIDTH / PERSON
- CAPACITY OF EGRESS COMPONENT

COURTYARDS - BLDG B OCCUPANCY INFO

AREA/FLR 10650 SF/200 = 53 OCCUPANTS/FLR
53 OCC/3 EXITS/FLR 18 OCCUPANTS EXIT INTO
NEW BUILDING

2 SECOND FLOOR LIFE SAFETY PLAN
3/32" = 1'-0"

COURTYARDS - BLDG C OCCUPANCY INFO

AREA/FLR 10650 SF/200 = 53 OCCUPANTS/FLR
53 OCC/3 EXITS/FLR 18 OCCUPANTS EXIT INTO
NEW BUILDING

LIFE SAFETY INFO: FIRST FLOOR		
PRIMARY USE GROUP:	R-2	
TOTAL BLDG. AREA:	18,810 s.f.	
ALLOW. AREA for R-2 USE GROUP:	24,000 (TABLE 506.2)	
CONSTRUCTION TYPE:	TYPE VA	
SPRINKLED:	YES, NFPA 13R	
STANDPIPE:	YES	
ACTUAL HEIGHT:	51'-0" (4 STORIES)	
ALLOWABLE HEIGHT	60' MAX PER 13R (4 STORIES)	
* ALLOWABLE AREA INCORPORATES INCREASE FOR INCLUSION OF FRONTAGE INCREASE PER IBC 506.3		
ASSEMBLY REQUIREMENTS (TABLE 601)		
BLDG. ELEMENT	HR. RATING	ASSEMBLY
EXT. BRG. WALL	1 HR	U356
FLOOR CONST.	1 HR	L563, L569
STR. FRAME	1 HR	X7712
ROOF CONST.	1 HR	P522
CORR. WALLS/INT. BRG.	1 HR	U311, U305
STAIRWELL/SHAFT	2 HR	U347, U905, U438
APPLICABLE CODE for ABOVE 2018 INTERNATIONAL BUILDING CODE		
OCCUPANCY CALCULATIONS:		
TOTAL OCCUPANTS = 93 NEW + 72 EXISTING		

COURTYARDS - BLDG B OCCUPANCY INFO

AREA/FLR 10650 SF/200 = 53 OCCUPANTS/FLR
53 OCC/3 EXITS/FLR 18 OCCUPANTS EXIT INTO
NEW BUILDING

1 FIRST FLOOR LIFE SAFETY PLAN
3/32" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



COURTYARDS - BUILDING E

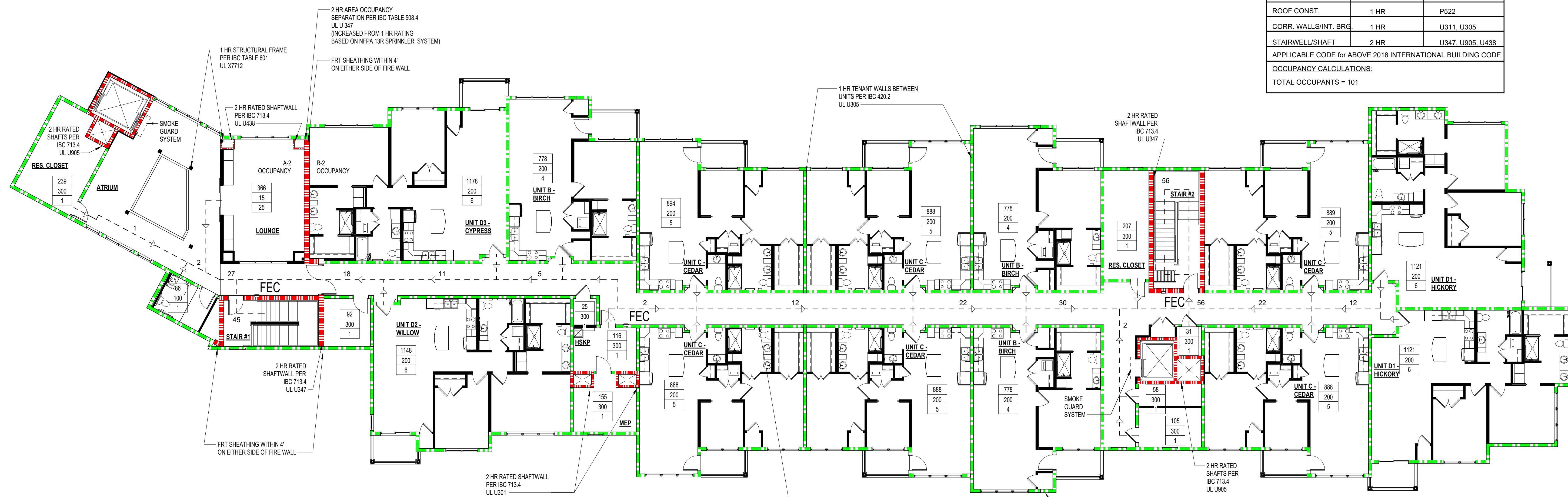
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ENGINEER :	APPROVED : CRJ
NO.	REVISION DESCRIPTION
	DATE

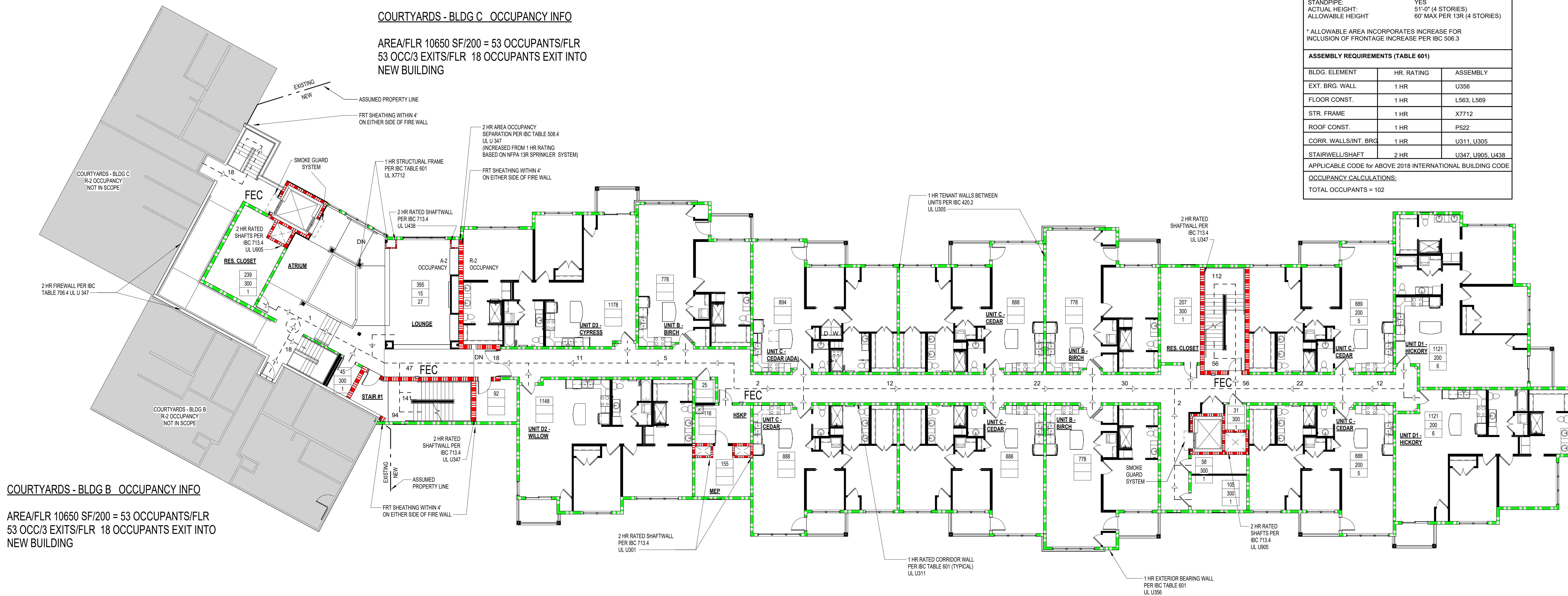
DRAWING TITLE
FIRST AND SECOND
FLOOR LIFE SAFETY PLAN

DATE:	January 5, 2024	DRAWING
COMM. NO.	23104.00	A0.1

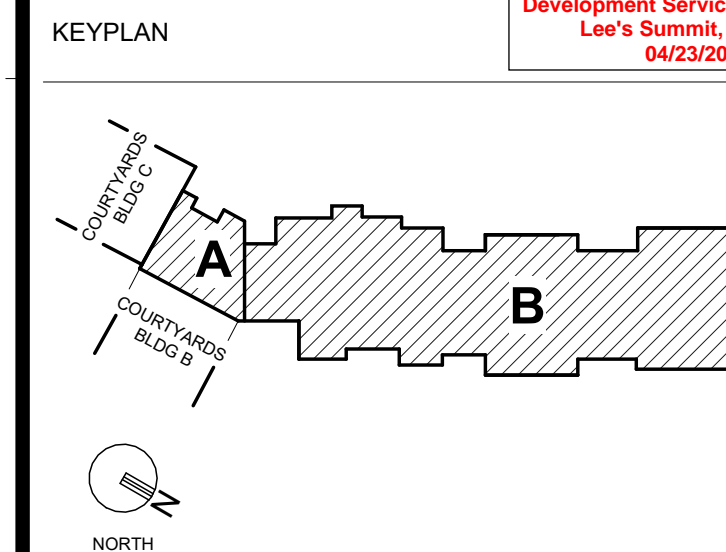


2 FOURTH FLOOR LIFE SAFETY PLAN
3/32" = 1'-0"

COURTYARDS - BLDG C OCCUPANCY INFO
AREA/FLR 10650 SF/200 = 53 OCCUPANTS/FLR
53 OCC/3 EXITS/FLR 18 OCCUPANTS EXIT INTO NEW BUILDING



1 THIRD FLOOR LIFE SAFETY PLAN
3/32" = 1'-0"



LIFE SAFETY LEGEND

- SMOKE PARTITION
- 1 HR SMOKE BARRIER
- 1 HR FIRE PARTITION
- 1 HR FIRE BARRIER
- 2 HR FIRE BARRIER
- 2 HR RATED FIREWALL
- 3 HR RATED FIREWALL
- 4 HR RATED FIREWALL

EGRESS LEGEND

OCCUPANT LOAD CALCULATIONS

3000	FLOOR AREA IN S.F.
100	ALLOWABLE S.F. PER PERSON
30	OCCUPANT LOAD

MEANS OF EGRESS

- NUMBER OF OCCUPANTS ALONG EGRESS PATH
- PATH OF EGRESS

EGRESS CAPACITY OF EXITS

- ALONG EGRESS PATH WIDTH OF EGRESS COMPONENT
- CODE ALLOWED WIDTH / PERSON
- CAPACITY OF EGRESS COMPONENT

CONSTRUCTION SET



PROJECT TITLE



COURTYARDS - BUILDING E

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ENGINEER :	APPROVED : CRJ
NO.	REVISION DESCRIPTION
	DATE

DRAWING TITLE
THIRD AND FOURTH FLOOR LIFE SAFETY PLAN

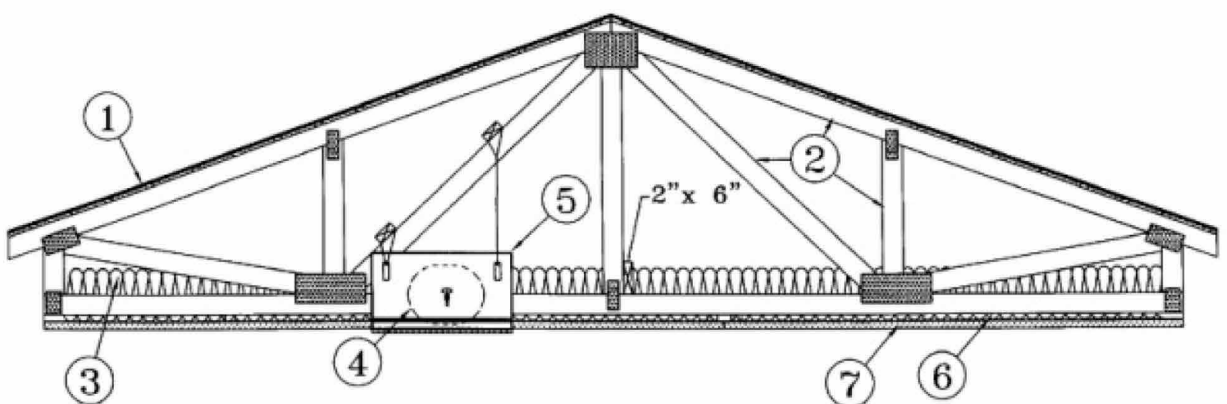
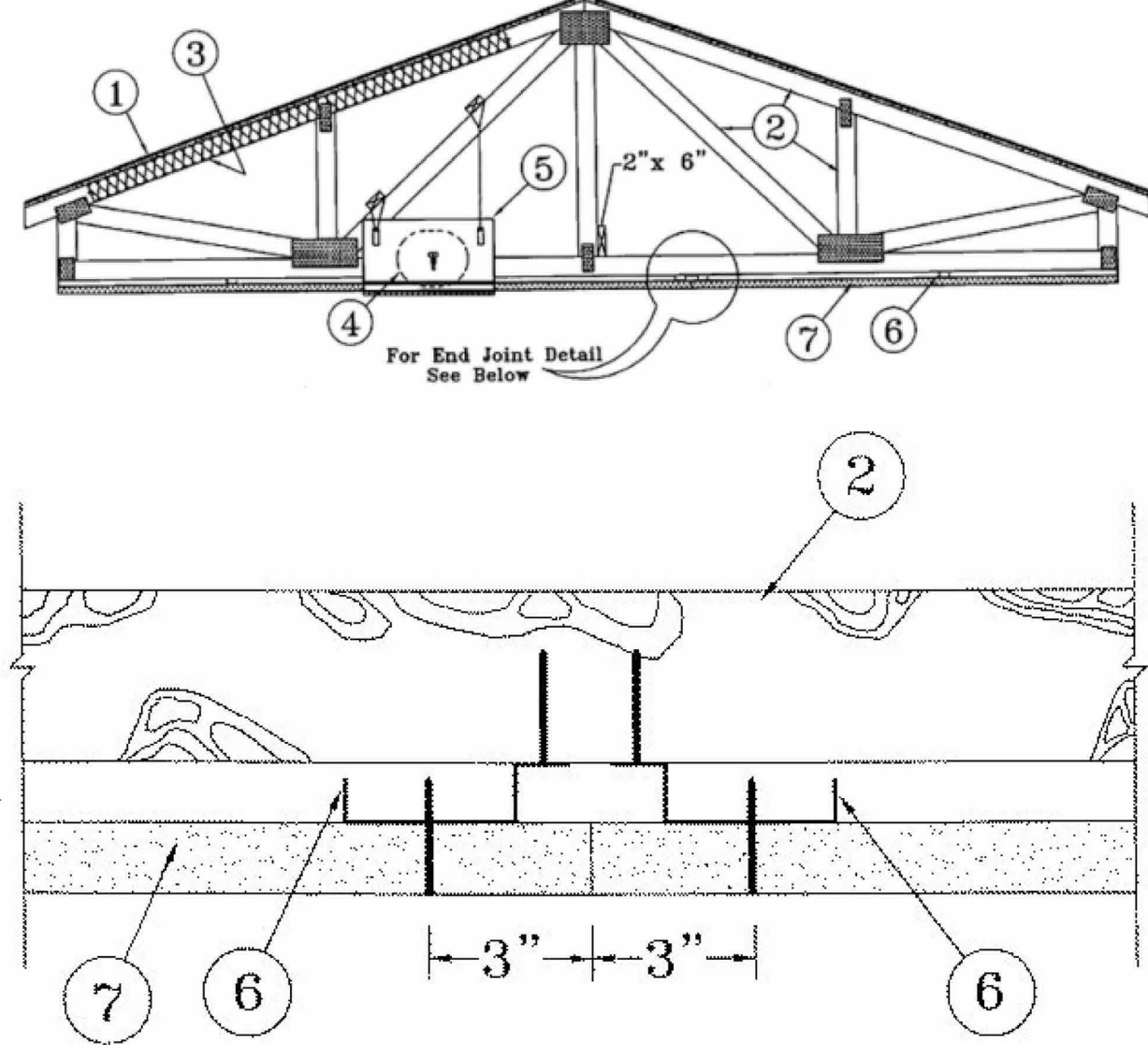
DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A0.2

UL P522 - 1 HR ASSEMBLY

Design No. P522

May 09, 2020

Unrestrained Assembly Rating — 1 Hr Finish Rating — 25 Min (See Items 3 or 3A)



Alternate Insulation Placement

1. **Roofing System*** — Any UL Class A, B or C Roofing System (TGU) or Prepared Roof Covering (TPWC) acceptable for use over nominal 15/32 in. thick wood structural panels, min. grade "C" or "Sheathing." Nom. 15/32 in. thick wood structural panels secured to trusses with No. 6d ringed shank nails spaced 12 in. OC along each truss. Staples having equal or greater withdrawal and lateral resistance strength may be substituted for the 6d nails. Construction adhesive may be used with either the nails or staples.

2. **Trusses** — Pitched or parallel chord wood trusses, spaced a max of 24 in. OC, fabricated from nominal 2 by 4 lumber, with lumber oriented vertically or horizontally. Truss members secured together with min. 0.035 in. thick steel plates. Plates have 5/16 in. long teeth projecting perpendicular to the plane of the plate. The teeth are in pairs facing each other (made by the same punch), forming a split tooth type plate. Each tooth has a chisel point on its outside edge. These points are diagonally opposite each other for each pair. The top half of each tooth has a twist for stiffness. The pairs are repeated on approximately 7/8 in. centers with four rows of teeth per inch of plate width. Where the truss intersects with the interior face of the exterior walls, the min truss depth shall be 5-1/4 in. with a min roof slope of 3/12 and a min. area in the plane of the truss of 21 sq/ft. Where the truss intersects with the interior face of the exterior walls, the min truss depth may be reduced to 3 in. if the batts and blankets (Item 3) are used as shown in the above illustration (Alternate Insulation Placement) and are firmly packed against the intersection of the bottom chords and the plywood sheathing.

3. **Batts and Blankets*** — (Optional) — Required when Item 6B is used — Glass fiber insulation, secured to the wood structural panels with staples spaced 12 in. OC or to the trusses with 0.030 in. diam galv steel wires spaced 12 in. OC. Any glass fiber insulation bearing the UL Classification Marking as Surface Burning Characteristics and/or Fire Resistance, having a min density of 0.5 lb/ft³. As an option, the insulation may be fitted in the concealed space, draped over the resilient channel/gypsum board ceiling membrane when resilient channels and gypsum board attachment is modified as specified in Items 6 and 7. When **Steel Framing Members** (Item 6B) are used, max 3-1/2 in. thick insulation shall be draped over the furring channels (Item 6B) and gypsum board ceiling membrane, and friction-fitted between trusses and Steel Framing Members (Item 6B). The finish rating has only been determined when the insulation is secured to the decking.

3A. **Fiber, Sprayed*** — As an alternate to Item 3 (not evaluated for use with Item 6B) — Any thickness of spray-applied cellulose insulation material, having a min density of 0.5 lb/ft³, applied with water, over the resilient channel/gypsum board ceiling membrane when resilient channels and gypsum board attachment is modified as specified in Items 6 and 7. Fiber Sprayed is applied with moisture in accordance with the application instructions supplied with the product. The finish rating when Fiber Sprayed is used has not been determined. Alternate application method: The fiber is applied without water or adhesive in accordance with the application instructions supplied with a minimum density of 0.5 lb/ft³ over the resilient channel/gypsum board ceiling membrane when resilient channels and gypsum board attachment is modified as specified in Items 6 and 7. Alternate application method: The fiber is applied without water or adhesive to a nominal density of 3.5 lb/ft³ behind netting (Item 9) stapled to the rafters. The netting is stapled at both lower edges of the rafters creating a cavity to accept the cellulose fiber.

U.S. GREENFIBER L.L.C. — IN5735, IN5745, IN5750LD, and SANCTUARY for use with wet or dry application. IN5510LD, IN5515LD, IN5541LD, IN5735, IN5750LD, and IN5773LD are to be used for dry application only.

3B. **Foamed Plastic*** — (As an alternate to Item 3 or 3A, Not Shown) — Spray foam insulation applied directly to the underside of the underside of the roofing system (Item 1). Spray foam insulation installed to a maximum thickness of 10 in. at a nominal 0.5 lb/ft³ density, while maintaining a minimum 1-1/4 in. clearance between the spray foam insulation and the gypsum board (Item 7). When spray foam insulation is used, resilient channels (Item 6) shall be installed maximum 12 in. OC, with channels adjacent to butt joints of gypsum board (Item 7) installed at 6 in. OC to allow for maximum 3 in. spacing off ends of the gypsum board joints. Gypsum board (Item 7) to be installed using 1-1/4 in. long Type 5 screws, spaced maximum 8 in. OC, and butted end joints shall be staggered min. 2 ft within the assembly, and occur midway between the continuous furring channels. If used with a fire damper (Items 5 through 5H) in the concealed space, minimum 1 in. clearance to be maintained between damper housing and spray foam insulation. Not evaluated for use with Items 6A through 6F.

SES FOAM INC. — EasySeal

3C. **Cavity Insulation - Batts and Blankets* or Fiber, Sprayed*** — (As described above) in Items 3 and 3A — (For Use with Item 7B, Not Shown) — Min. 3-1/2 in. thick with no limit on maximum thickness fitted in the concealed space, draped over the resilient channel (Item 6B) gypsum board (Item 7) ceiling membrane.

3D. **Foamed Plastic*** — (As an alternate to Item 3, 3A, or 3B, Not Shown) — Spray foam insulation applied directly to the underside of the roofing system (Item 1). Spray foam insulation installed to a maximum thickness of 10 in. at a nominal 0.5 lb/ft³ or 2.0 lb/ft³ density, depending on the product installed. When spray foam insulation is installed, resilient channels (Item 6) shall be installed maximum 12 in. OC, with channels adjacent to butt joints of gypsum board (Item 7) installed using 1-1/4 in. long Type 5 screws, spaced maximum 8 in. away from gypsum butt joints. Gypsum board (Item 7) to be installed using minimum 1-1/4 in. long Type 5 screws, spaced maximum 8 in. OC, and butted end joints shall be staggered min. 2 ft within the assembly, and occur midway between the continuous furring channels. If used with a fire damper (Items 5 through 5H) in the concealed space, minimum 1 in. clearance to be maintained between damper housing and spray foam insulation. Not evaluated for use with Items 6A through 6F.

BAF CORP. — Eriente® MAX, Eriente® G, FET789, SpraySeal® 178, SpraySeal® 8120B, Walther® 200, Walther® US-N, and Walther® HP +

3E. **Foamed Plastic*** — (As an alternate to Item 3, 3A, 3B, 3C, or 3D, Not Shown) — Spray foam insulation applied directly to the underside of the underside of the roofing system (Item 1). Spray foam insulation installed to a maximum thickness of 17 in. at a nominal 0.5 lb/ft³ density, while maintaining a minimum 1-1/2 in. clearance between the spray foam insulation and the gypsum board (Item 7). When spray foam insulation is used, resilient channels (Item 6) shall be installed maximum 12 in. OC, with channels adjacent to butt joints of gypsum board (Item 7) installed at 6 in. OC to allow for maximum 3 in. spacing off ends of the gypsum board joints. Gypsum board (Item 7) to be installed using 1-1/4 in. long Type 5 screws, spaced maximum 8 in. OC, and butted end joints shall be staggered min. 2 ft within the assembly, and occur midway between the continuous furring channels. If used with a fire damper (Items 5 through 5H) in the concealed space, minimum 1 in. clearance to be maintained between damper housing and spray foam insulation. Not evaluated for use with Items 6A through 6F.

6. **Furring Channels** — Resilient channels formed of 25 MSG galv steel. Installed perpendicular to the trusses (Item 2), spaced a max of 16 in. OC when no insulation (Item 3 or 3A) is fitted in the concealed space, or a max of 12 in. OC when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the resilient channel/gypsum board ceiling membrane, or when insulation (Item 3B, 3C or 3E) is applied to the underside of the roofing system (Item 1). Two courses of resilient channel positioned 6 in. OC at wallboard butt joints (3 in. from each end of wallboard). Channels oriented opposite at wallboard butt joints. Channel splices overlapped 4 in. beneath wood trusses. Channels secured to each truss with 1-1/4 in. long Type 5 screws.

6A. **Steel Framing Members*** — (Not Shown) — As an alternate to Item 6, furring channels and Steel Framing Members as described below.

a. **Furring Channels** — Formed of No. 25 MSG galv steel, 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 16 in. OC perpendicular to trusses when no insulation (Item 3 or 3A) is fitted in the concealed space or 12 in. OC when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the furring channel/gypsum board ceiling membrane or 24 in. OC when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the furring channel/gypsum board ceiling membrane and a second layer of gypsum board is attached as described in Item 7 for steel framing members. Channels secured to trusses as described in Item 6A. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap.

b. **Steel Framing Members** — Used to attach furring channels (Item a) to trusses (Item 2). Clips spaced 48 in. OC. R5C-1 and R5C-1 (2-7/8) clips secured to alternating trusses with No. 8 by 2-1/2 in. coarse drywall screw through the center grommet. R5C-V (2-7/8) clips secured to alternating trusses with No. 8 by 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips. R5C-1 and R5C-V (2-7/8) clips for use with 2-23/32 in. wide furring channels. Adjoining channels are overlapped as described in Item 6A. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping No. 6 framing screws, min. 7/16 in. long the midpoint of the overlap.

gypsum board (Item 7). When spray foam insulation is used, resilient channels (Item 6) shall be installed maximum 12 in. OC, with channels adjacent to butt joints of gypsum board (Item 7) installed at 6 in. OC to allow for maximum 3 in. spacing off ends of the gypsum board joints. Gypsum board (Item 7) to be installed using 1-1/4 in. long Type 5 screws, spaced maximum 8 in. OC, and butted end joints shall be staggered min. 2 ft within the assembly, and occur midway between the continuous furring channels. If used with a fire damper (Items 5 through 5H) in the concealed space, no clearance is necessary between damper housing and spray foam insulation. Not evaluated for use with Items 6A through 6F.

SES FOAM INC. — EasySeal

3F. **Foamed Plastic*** — (As an alternate to Item 3 - not to be used in combination with any alternates to Item 3) — Spray foam insulation applied directly to the underside of the roofing system (Item 1). Spray foam insulation installed to a maximum thickness of 11 in. at a nominal 1.0 lb/ft³ - 2.5 lb/ft³ density, while maintaining a minimum 7 in. clearance between the spray foam insulation and the gypsum board (Item 7). When spray foam insulation is installed, resilient channels (Item 6) shall be installed maximum 12 in. OC, with channels adjacent to butt joints of gypsum board spaced maximum 8 in. away from gypsum butt joints. Gypsum board (Item 7) to be installed using minimum 1-1/4 in. long Type 5 screws, spaced maximum 8 in. OC, and butted end joints shall be staggered min. 2 ft within the assembly, and occur midway between the continuous furring channels. If used with a fire damper (Items 5 through 5H) in the concealed space, no clearance is necessary between damper housing and spray foam insulation. Only for use with Item 6 not evaluated for use with alternates to Item 6.

CEILSAFE SPRAY FOAM INSULATION — SealTite Pro Closed Cell (CC), SealTite Pro Open Cell (OC), SealTite Pro OCK, SealTite Pro No Trim, and SealTite Pro One Zero.

4. **Air Duct*** — Any UL Class 0 or Class 1 flexible air duct installed in accordance with the instructions provided by the damper manufacturer.

5. **Ceiling Damper*** — Max nom area, 324 sq in. Max square size, 18 in. by 18 in. rectangular sizes not to exceed 324 sq in. with a max width of 18 in. Max damper height is 14 in. Installed in accordance with manufacturers installation instructions provided with the damper. Max damper openings not to exceed 162 sq in. per 100 sq ft of ceiling area.

C&S AIR PRODUCTS — Model RD-S21

POTTOFF — Model CDF-S21

5A. **Alternate Ceiling Damper*** — Max nom area, 196 sq in. Max square size, 14 in. by 14 in. Rectangular sizes not to exceed 196 sq in. with a max width of 26 in. Max overall damper height is 7 in. Installed in accordance with the manufacturers installation instructions provided with the damper. Max damper openings not to exceed 98 sq in. per 100 sq ft of ceiling area.

C&S AIR PRODUCTS — Model RD-S21-BT

POTTOFF — Model CDF-S21-BT

5B. **Alternate Ceiling Damper*** — Max nom area shall be 256 sq in. with the length not to exceed 24 in. and the width not to exceed 20 in. Max height of damper shall be 17 in. Aggregate damper openings shall not exceed 128 sq in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper. A steel grille shall be installed in accordance with installation instructions.

C&S AIR PRODUCTS — Model RD-S21-IP, RD-S21-NP

POTTOFF — Models CDF-S21-IP, CDF-S21-NP

5C. **Alternate Ceiling Damper*** — Ceiling damper & fan assembly. Max nom area shall be 75 sq in. with the length not to exceed 8-9/16 in. and the width not to exceed 8-3/4 in. Max height of damper shall be 9-7/8 in. Aggregate damper openings shall not exceed 38 sq in. per 100 sq ft of ceiling area. Damper shall be installed in combination with one of the fan models described in, and in accordance with, the manufacturers installation instructions provided with the damper. A plastic grille shall be installed in accordance with installation instructions.

DELTA ELECTRONICS INC. — Models CRD2, GBR-CRD, TTG-CRD

5D. **Alternate Ceiling Damper*** — Ceiling damper & fan assembly for use with min 18 in. deep trusses. Max nom area shall be 75 sq in. with the length not to exceed 9-1/4 in. and the width not to exceed 9-3/4 in. Max height of damper shall be 9-7/8 in. Aggregate damper openings shall not exceed 45 sq in. per 100 sq ft of ceiling area. Damper shall be installed in combination with one of the fan models described in, and in accordance with, the manufacturers installation instructions provided with the damper. A plastic grille shall be installed in accordance with installation instructions.

DELTA ELECTRONICS INC. — Model SIG-CRD

5E. **Alternate Ceiling Damper*** — For use with min 18 in. deep trusses. Max nom area shall be 144 sq in. with the length not to exceed 74 sq in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper. A steel grille shall be installed in accordance with installation instructions.

C&S AIR PRODUCTS — Model RD-S21-90, RD-S21-NP90

POTTOFF — Models CDF-S21-90, CDF-S21-90NP

5F. **Alternate Ceiling Damper*** — Ceiling damper & fan assembly for use with min 18 in. deep trusses. Max nom area shall be 131 sq in. with the length not to exceed 11-1/16 in. and the width not to exceed 11-1/16 in. Aggregate damper openings shall not exceed 66 sq in. per 100 sq ft of ceiling area. Damper shall be installed in combination with one of the fan models described in, and in accordance with, the manufacturer's installation instructions provided with the damper. A plastic grille shall be installed in accordance with installation instructions.

DELTA ELECTRONICS INC. — Model SMT-CRD

5G. **Alternate Ceiling Damper*** — Ceiling damper & fan assembly for use with min 18 in. deep trusses. Max nom area shall be 103 sq in. with the length not to exceed 10-1/8 in. and the width not to exceed 10-1/8 in. Aggregate damper openings shall not exceed 52 sq in. per 100 sq ft of ceiling area. Damper shall be installed in combination with one of the fan models described in, and in accordance with, the manufacturer's installation instructions provided with the damper. A plastic grille shall be installed in accordance with installation instructions.

PANASONIC CORPORATION, PANASONIC CORPORATION OF NORTH AMERICA — Model PC-RD50C5

5H. **Alternate Ceiling Damper*** — Ceiling damper & fan assembly for use with min 18 in. deep trusses. Max nom area shall be 113 sq in. with the length not to exceed 10-1/8 in. and the width not to exceed 11-1/8 in. Aggregate damper openings shall not exceed 57 sq in. per 100 sq ft of ceiling area. Damper shall be installed in combination with one of the fan models described in, and in accordance with, the manufacturer's installation instructions provided with the damper. A plastic grille shall be installed in accordance with installation instructions.

BRQAN-NUTONE L.L.C. — Model RDUWLT

5I. **Alternate Ceiling Damper*** — Ceiling damper & fan assembly for use with min 18 in. deep trusses. Max nom area shall be 87 sq in. with the length not to exceed 9 in. and the width not to exceed 9-11/16 in. Aggregate damper openings shall not exceed 44 sq in. per 100 sq ft of ceiling area. Damper shall be installed in combination with one of the fan models described in, and in accordance with, the manufacturer's installation instructions provided with the damper. A plastic grille shall be installed in accordance with installation instructions.

BRQAN-NUTONE L.L.C. — Model RDUWMT

5J. **Alternate Ceiling Damper*** — Ceiling damper & fan assembly for use with min 18 in. deep trusses. Max nom area shall be 87 sq in. with the length not to exceed 9 in. and the width not to exceed 9-11/16 in. Aggregate damper openings shall not exceed 44 sq in. per 100 sq ft of ceiling area. Damper shall be installed in combination with one of the fan models described in, and in accordance with, the manufacturer's installation instructions provided with the damper. A plastic grille shall be installed in accordance with installation instructions.

BRQAN-NUTONE L.L.C. — Model RDUWMT

5K. **Alternate Ceiling Damper*** — Ceiling damper & fan assembly for use with min 18 in. deep trusses. Max nom area shall be 87 sq in. with the length not to exceed 9 in. and the width not to exceed 9-11/16 in. Aggregate damper openings shall not exceed 44 sq in. per 100 sq ft of ceiling area. Damper shall be installed in combination with one of the fan models described in, and in accordance with, the manufacturer's installation instructions provided with the damper. A plastic grille shall be installed in accordance with installation instructions.

BRQAN-NUTONE L.L.C. — Model RDUWMT

6. **Furring Channels** — Resilient channels formed of 25 MSG galv steel. Installed perpendicular to the trusses (Item 2), spaced a max of 16 in. OC when no insulation (Item 3 or 3A) is fitted in the concealed space, or a max of 12 in. OC when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the resilient channel/gypsum board ceiling membrane, or when insulation (Item 3B, 3C or 3E) is applied to the underside of the roofing system (Item 1). Two courses of resilient channel positioned 6 in. OC at wallboard butt joints (3 in. from each end of wallboard). Channels oriented opposite at wallboard butt joints. Channel splices overlapped 4 in. beneath wood trusses. Channels secured to each truss with 1-1/4 in. long Type 5 screws.

6A. **Steel Framing Members*** — (Not Shown) — As an alternate to Item 6, furring channels and Steel Framing Members as described below.

a. **Furring Channels** — Formed of No. 25 MSG galv steel, 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 16 in. OC perpendicular to trusses when no insulation (Item 3 or 3A) is fitted in the concealed space or 12 in. OC when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the furring channel/gypsum board ceiling membrane or 24 in. OC when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the furring channel/gypsum board ceiling membrane and a second layer of gypsum board is attached as described in Item 7 for steel framing members. Channels secured to trusses as described in Item 6A. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap.

b. **Steel Framing Members** — Used to attach furring channels (Item a) to trusses (Item 2). Clips spaced 48 in. OC. R5C-1 and R5C-1 (2-7/8) clips secured to alternating trusses with No. 8 by 2-1/2 in. coarse drywall screw through the center grommet. R5C-V (2-7/8) clips secured to alternating trusses with No. 8 by 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips. R5C-1 and R5C-V (2-7/8) clips for use with 2-23/32 in. wide furring channels. Adjoining channels are overlapped as described in Item 6A. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping No. 6 framing screws, min. 7/16 in. long the midpoint of the overlap.

6B. **Steel Framing Members*** — (Not Shown) — As an alternate to Items 6 and 6A.

a. **Furring Channels** — Hat-shaped furring channels, 7/8 in. deep by 2-5/8 in. wide at the base and 1-1/4 in. wide at the face, formed from No. 25 galv steel, spaced max. 16 in. OC perpendicular to trusses and Cold Rolled Channels (Item 6B). Furring channels secured to Cold Rolled Channels at every intersection with a 1/2 in. pan head self-drilling screw through each furring channel leg. Ends of adjoining channels overlapped 4 in. and tied together with two double strand No. 18 SWG galv steel wire ties, one at each end of overlap. Supplemental furring channels at base layer and outer layer gypsum board butt joints are not required. Batts and Blankets draped over furring channels as described in Item 3. Two layers of gypsum board attached to furring channels as described in Item 7.

b. **Cold Rolled Channels** — 1-1/2 in. by 1/2 in. formed from No. 16 galv steel, positioned vertically and parallel to trusses, friction-fitted into the channel caddy on the Steel Framing Members (Item 6B). Adjoining lengths of cold rolled channels lapped min. 6 in. and wire-tied together with two double strand 18 SWG galv steel wire ties, one at each end of overlap.

c. **Blocking** — Where truss design does not permit direct, full contact of the hanger bracket, a piece of nominal 2 by 4 in. lumber (blocking), min. 6 in. long to permit full contact of the hanger bracket, to be secured vertically to the side of the truss (Item 2) at the top and bottom of the blocking at each Steel Framing Member (Item 6B) location.

d. **Steel Framing Members** — Hangers spaced 48 in. OC, max along truss, and secured to the Blocking (Item 6B) on alternating trusses with a single 5/16 in. by 2 in. hex head lag bolt or four #6 1-1/4 in. drywall screws through mounting holes) on the hanger bracket. The two 1/4 in. long steel teeth on the hanger are embedded in the side of the blocking. Hanger positioned on blocking and leveling bolt height adjusted such that furring channels are flush with bottom of trusses before gypsum board installation. Spring gauge of hanger chosen per manufacturer's instructions.

KNITICS NOVEL CONTROL INC. — Type ICW.

6C. **Steel Framing Members*** — (Not Shown) — As an alternate to Items 6, 6A and 6B.

a. **Furring Channels** — Formed of No. 25 MSG galv steel, 2-3/8 in. wide by 7/8 in. deep installed perpendicular to wood structural members. Channels spaced a max of 16 in. OC when no insulation (Item 3 or 3A) is fitted in the concealed space or a max of 12 in. OC when insulation (Item 3 or 3A) is fitted in the concealed space. Channels secured to trusses as described in Item 6C. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire near each end of overlap.

b. **Steel Framing Members** — Used to attach furring channels (Item 6C) to trusses (Item 2). Clips secured to the bottom chord of each truss (24 in. OC) with one No. 8 by 2-1/2 in. long coarse drywall screw through center grommet. Furring channels are friction fitted into clips. Adjoining channels are overlapped as described in Item 6C. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping No. 6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Additional clips required to hold furring channel that supports the gypsum board butt joints, as described in Item 7.

PLITEC INC. — Type Genie Clip

6D. **Steel Framing Members*** — (Not Shown) — As an alternate to Items 6, 6A, 6B and 6C.

a. **Main Runners** — Formed of No. 16 galv steel, 2-3/8 in. wide by 7/8 in. deep, 15/16 in. or 1-1/2 in. wide face, spaced 4 ft OC. Main runners hung a min of 2 in. from bottom chord of trusses with 12 SWG galv steel wire. Wires located a max of 48 in. OC.

b. **Cross tees or channels** — Nom 4 ft long, 15/16 in. or 1-1/2 in. wide face or cross channels, nom 4 ft long, 1-1/2 wide face, installed perpendicular to the main runners, spaced 16 in. OC. Additional cross tees or channels used at 8 in. from each side of battted gypsum board end joints. The cross tees or channels may be riveted or screw-attached to the wall angle or channel to facilitate the ceiling installation.

c. **Wall angles or channels** — Used to support steel framing member ends and for screw attachment of the gypsum wallboard — Min 0.016 in. thick painted or galvanized steel angle with 1 in. legs or min. 0.016 in. thick painted or galvanized steel channel with a 1 by 1-1/2 by 1 in. profile, attached to walls at perimeter of ceiling with fasteners 16 in. OC.

C&C INC. — Type DGL or RX

USG INTERIORS LLC — Type DGL or RX

6E. **Alternate Steel Framing Members*** — (Not Shown) — As an alternate to Items 6, 6A, 6B, and 6C, furring channels and Steel Framing Members as described below.

a. **Furring Channels** — Formed of No. 25 MSG galv steel, 2-5/8 in. wide by 7/8 in. deep, spaced 16 in. OC, perpendicular to trusses. When insulation, Item 3 or 3A is used, the furring channel spacing shall be reduced to 12 in. OC. Channels secured to joists as described in Item b.

b. **Steel Framing Members** — Used to attach furring channels (Item a) to the wood trusses (Item 2). Clips spaced at 48" OC and secured to the bottom of the trusses with one 2 in. Coarse Drywall Screw with 1 in. diam washer through the center hole. Furring channels are then friction fitted into clips. Ends of channels are overlapped 6" and tied together with double strand of No. 18 AWG galvanized steel wire. Additional clips are required to hold the Gypsum Butt joints as described in Item 7.

STUCCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips — Type A237 or A237R

6F. **Steel Framing Members*** — (Not Shown) — As an alternate to Items 6 through 6E. Not for use with Items 3 or 3A. Main runners nom 12 ft long, spaced 72 in. OC. Main runners suspended by min 12 SWG galv steel hanger wires spaced 48 in. OC. Cross tees, nom 8 ft long, installed perpendicular to main runners and spaced 8 in. OC. Additional 8 ft long cross tees required at each gypsum board end joint with battted gypsum board end joints centered between cross tees spaced 8 in. OC. The main runners and cross tees may be riveted or screw attached to the wall angle or channel to facilitate the ceiling installation.

USG INTERIORS LLC — Type DGL or RX

6G. **Resilient Channels** — For Use With Item 7B — Formed from min 25 MSG galv steel installed perpendicular to trusses and spaced 16 in. OC. Channels secured to each truss with 1-5/8 in. long Type 5 bugle head steel screws. Channels overlapped 4 in. at splices. Two channels, spaced 6 in. OC, oriented opposite each gypsum panel end joint. Additional channels shall extend min 6 in. beyond each side edge of panel. Insulation, Item 3C is applied over the resilient channel/gypsum panel ceiling membrane.

6H. **Alternate Steel Framing Members*** — (Not Shown) — As an alternate to Items 6 through 6G, furring channels and Steel Framing Members as described below.

a. **Furring Channels** — Formed of No. 25 MSG galv steel, 2-1/2 in. wide by 7/8 in. deep, spaced 16 in. OC, perpendicular to trusses. When insulation, Item 3 or 3A is used, the furring channel spacing shall be reduced to 12 in. OC. Channels secured to joists as described in Item b.

b. **Steel Framing Members** — Used to attach furring channels (Item a) to the wood trusses (Item 2). Clips spaced at 48" OC and secured to the bottom of the trusses with one 2-1/2 in. Coarse Drywall Screw with 1 in. diam washer through the center hole. Furring channels are then friction fitted into clips. Ends of channels are overlapped 6" and tied together with double strand of No. 18 AWG galvanized steel wire. Additional clips are required to hold the Gypsum Butt joints as described in Item 7.

REGUPOL AMERICA — Type SonuClip

7. **Gypsum Board** — One layer of nominal 5/8 in. thick by 48 in. wide boards, installed with long dimension parallel to trusses. Attached to the resilient channels using 1 in. long Type 5 bugle head steel screws spaced a max of 12 in. OC along butted end-joints and in the field when no insulation (Item 3 or 3A) is fitted in the concealed space, or a max of 8 in. OC along butted end-joints and in the field when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the resilient channel/gypsum board ceiling membrane. When insulation (Item 3B, 3C or 3E) is installed in the concealed space, spray-applied to the underside of the roofing system (Item 1), screws are spaced a max of 8 in. OC along resilient channels, fasteners are increased in length to 1-1/4 in. and gypsum board butt joints shall be staggered min. 2 ft within the assembly, and occur between the main furring channels.

When **Steel Framing Members** (Item 6A or 6C) are used, sheets installed with long dimension perpendicular to furring channels and side joints of sheet located beneath trusses. Gypsum board screws are driven through channel spaced 12 in. OC in the field when no insulation (Item 3 or 3A) is fitted in the concealed space, or 8 in. OC in the field when insulation (Item 3 or 3A) is fitted in the concealed space, draped over the furring channel/gypsum board ceiling membrane. Gypsum board butt joints shall be staggered min. 2 ft within the assembly, and occur between the main furring channels. At the gypsum board butt joints, each end of the gypsum board shall be supported by a single length of furring channel equal to the width of the wallboard plus 6 in. on each end. The furring channels shall be spaced approximately 3-1/2 in. OC, and be attached to the trusses with one clip at each end of the channel. Screw spacing along the butt joint attached to the gypsum board to the furring channels shall be 8 in. OC. Second outer layer of gypsum board required when furring channels (Item 6A) are spaced 24 in. OC and insulation is fitted in the concealed space, draped over the furring channel/gypsum board ceiling membrane. Outer layer of gypsum board attached to the furring channels using 1-5/8 in. long Type 5 bugle-head screws spaced 8 in. OC at butted joints and 12 in. OC in the field. Butted end joints of outer layer to be offset a minimum of 8 in. from base layer and joints. Butted side joints of outer layer to be offset minimum 18 in. from butted side joints of base layer.

When **Steel Framing Members** (Item 6B) are used, two layers of nominal 5/8 in. thick, 4 ft wide gypsum board are installed with long dimensions perpendicular to furring channels (Item 6B). Base layer attached to the furring channels using 1 in. long Type 5 bugle-head steel screws spaced 8 in. OC in the field of the board. Gypsum board butted end joints shall be staggered min. 2 ft within the assembly, and occur between the main furring channels. At the gypsum board butt joints, each end of each gypsum board shall be supported by a single length of furring channel equal to the width of the gypsum board plus 3 in. on each end, spaced approximately 2 in. in. from joint. Screw spacing along the gypsum board butt joint shall be 8 in. OC. Butt joint furring channels shall be attached with a RESILMOUNT Sound Isolation Clip secured to underside of every truss that is located over the butt joint. Over all gypsum board side joints, approximately 20 in. lengths of furring channel shall be installed parallel to trusses (Item 2) between main furring channels. Side joint furring channels shall be attached to underside of the joint with RESILMOUNT Sound Isolation Clips — Located approximately 2 in. from each end of the approximate 20 in. length of channel. Both gypsum boards at side joints fastened into channel with screws spaced 8 in. OC, approximately 1/2 in. from joint edge.

When **Steel Framing Members** (Item 6E) are used, one layer of nominal 5/8 in. thick, 4 ft wide gypsum board is installed with long dimensions perpendicular to furring channels. Gypsum board secured to furring channels with nominal 1 in. long Type 5 bugle-head steel screws spaced 8 in. OC in the field of the board. Gypsum board butted end joints shall be staggered min. 2 ft within the assembly, and occur between the main furring channels. At the gypsum board butt joints, each end of each gypsum board shall be supported by a single length of furring channel equal to the width of the gypsum board plus 3 in. on each end. The two support furring channels shall be spaced approximately 3 in. in. from end joint. Screw spacing along the gypsum board butt joint and along both butt joints shall be 8 in. OC. Additional screws shall be placed in the adjacent section of gypsum board into the aforementioned 3 in. extension of the extra butt joint channels as well as into the main channel that runs between. Butt joint furring channels shall be attached with one RESILMOUNT Sound Isolation Clip at each end of the channel.

When alternate **Steel Framing Members** (Item 6F) are used, one layer of nominal 5/8 in. thick, 4 ft wide gypsum board sheets installed with long dimension (side joints) perpendicular to the long cross tees to the main runners and end joints staggered 4 ft and centered between cross tees which are spaced 8 in. OC. Gypsum board side joints may occur beneath or between main runners. Prior to installation of the gypsum board sheets, backer strips consisting of nominal 7-3/4 in. wide pieces of gypsum board are to be laid atop the cross tee flanges and backer strips are to be secured to the main runners with No. 8 by 2-1/2 in. coarse drywall screw through the center grommet of the backer strip with hold down clips to prevent the backer strips from being uplified during screw attachment of the gypsum board sheets. Gypsum board fastened to cross tees with 1 in. drywall screws spaced 1 in. and 4 in. from side joints and max 8 in. OC in the field of the board. The butted end joints are to be secured to the backer strip with No. 10 by 1-1/2 in. long Type C laminating screws located 1 in. from each side of the butted end joint and spaced 1 in. and 4 in. from the side joints and max 8 in. OC in the field of the board.

2E. **Steel Framing Members*** — (Optional, Not Shown) — Resilient channels and Steel Framing Members as described below.

a. **Resilient Channels** — Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with two No. 8 by 1-1/2 in. Phillips Modified Truss screws spaced 2-1/2 in. from the center of the overlap. Gypsum board attached to resilient channels as described in Item 2.

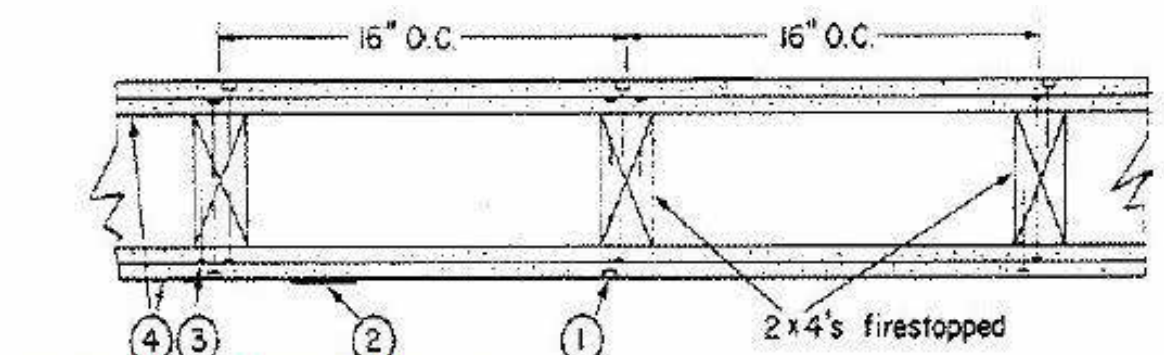
UL U301 - 2 HR ASSEMBLY

November 21, 2023

Design No. U301

Bearing Wall Rating — 2 Hr.
Finish Rating — 60 Min.
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BS33 or BS332.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



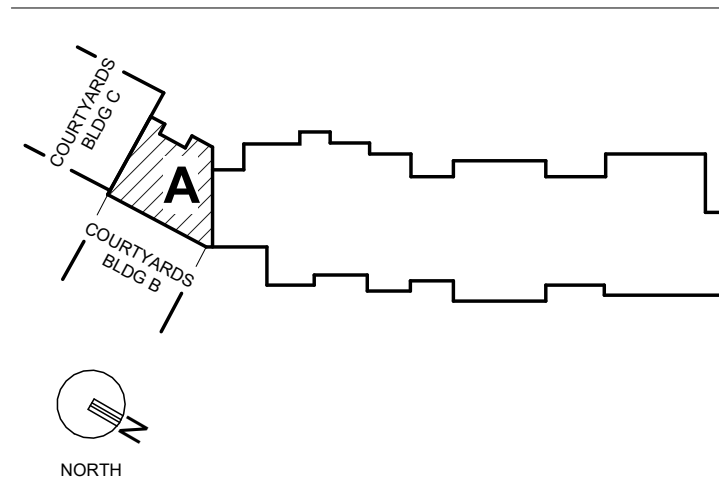
1. Nailheads — Exposed or covered with joint compound.
2. Joints — Exposed joints covered with joint compound and paper tape. Joint compound and paper tape may be omitted when square joints are used. As an alternate, non 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard with the joints reinforced with paper tape.
3. Nails — 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam, 1/4 in. diam heads, and 8d cement coated nails 2-3/8 in. long, 0.113 in. shank diam, 9/32 in. diam heads.
4. Gypsum Board — 5/8 in. thick, two layers applied either horizontally or vertically. Inner layer attached to studs with the 1-7/8 in. nails spaced 6 in. OC. Outer layer attached to studs over inner layer with the 2-3/8 in. long nails spaced 8 in. OC. Vertical joints located over studs. All joints in face layers staggered with joints in base layers. Joints of each base layer offset with joints of base layer on opposite side. When used in widths other than 48 in., gypsum board to be installed horizontally.

When Steel Framing Members* (Item 6 or any alternate clips) are used, base layer attached to furring channels with 1 in. long Type 5 bugle-head steel screws spaced max 24 in. OC. Face layer attached with 1-5/8 in. long Type 5 bugle-head steel screws spaced max 12 in. OC.
AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C, AGX-11, LightBlue.
BEUNG NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBK-1
CABOT MANUFACTURING LLC — Type X, 5/8 Type X, Moisture Resistant Type X, Gypsum Sheathing Type X, Mold & Mildew Resistant Type X and Mold & Mildew Resistant 48 Type A, Type BlueStar Exterior Sheathing
CERTAINTED GYPSUM INC — Types EGRG, GlasRoc, GlasRoc-2, Type C, Type X-1, Type LWX-X
COC INC — Types AR, C, P-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, ULX, USGX, WRC, WRC
CERTAINTED GYPSUM INC — Types LGFCA, LGFCA, LGFCA-C, LGFCA-WD, LGX, CLX
GEORGIA PACIFIC GYPSUM L L C — Types 5, 6, 9, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

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AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C, AGX-11, LightBlue.
BEUNG NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBK-1
CABOT MANUFACTURING LLC — Type X, 5/8 Type X, Moisture Resistant Type X, Gypsum Sheathing Type X, Mold & Mildew Resistant Type X and Mold & Mildew Resistant 48 Type A, Type BlueStar Exterior Sheathing
CERTAINTED GYPSUM INC — Types EGRG, GlasRoc, GlasRoc-2, Type C, Type X-1, Type LWX-X
COC INC — Types AR, C, P-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, ULX, USGX, WRC, WRC
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GEORGIA PACIFIC GYPSUM L L C — Types 5, 6, 9, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

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KEYPLAN



DEMOLITION NOTES

- 1 REMOVE THE REMAINING BUILDING IN ITS ENTIRETY. REMOVE ALL MEP AND FOUNDATIONS.
- 2 REMOVE EXTERIOR BRICK. REPAIR EXTERIOR WALL AND FOUNDATIONS AS REQUIRED.
- 3 REMOVE EXISTING STAIRS. SALVAGE FOR RE-INSTALLATION.
- 4 BRICK TO REMAIN.
- 5 REMOVE DOOR AND FEC. RE-INSTALL FEC PER PLANS.
- 6 REMOVE EXISTING RAMPS AND FOUNDATIONS IN ENTIRETY.
- 7 REMOVE SOLAR PANELS AND ASSOCIATED IN ITS ENTIRETY. RE-ELECTRICAL.
- 8 PROTECT AND MAINTAIN STANDPIPE DURING CONSTRUCTION.

GENERAL DEMOLITION NOTES

1. BEFORE WORK HAS BEGUN, CONTRACTORS SHALL MAKE A THOROUGH SURVEY OF THE BUILDING AND NOTIFY THE OWNER IN WRITING OF ALL DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THOSE SHOWN ON THE DRAWINGS. FAILURE BY THE CONTRACTOR TO HAVE ACQUAINTED HIMSELF WITH AVAILABLE INFORMATION CONCERNING EXISTING CONDITIONS SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITIES OF PERFORMANCE OF WORK IN ACCORDANCE WITH REQUIREMENTS OF THE CONTRACT DOCUMENTS.
2. THESE DRAWINGS HAVE BEEN DEVELOPED FROM EXISTING DRAWINGS AND MAY NOT REFLECT ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS AND NOTIFY THE ARCHITECT IN WRITING OF ANY WORK DESCRIBED IN THE CONTRACT DOCUMENTS WHICH CANNOT BE PERFORMED DUE TO EXISTING CONDITIONS.
3. PROTECT FROM DAMAGE ALL MATERIALS TO REMAIN.
4. CONTRACTOR SHALL USE CAUTION WHEN PERFORMING DEMOLITION AT OR NEAR FIRE-RATED WALLS OR SHAFTS SO AS NOT TO DISRUPT INTEGRITY OF THE FIRE RATING OF THE WALLS OR SHAFTS AND REPAIR DAMAGE TO WALLS OR SHAFTS AS REQUIRED, TO ENSURE CONDITIONS RATINGS REPAIR ADJACENT SURFACES AS REQUIRED TO RECEIVE NEW FINISH.
5. DEMOLITION WORK INCLUDES, BUT IS NOT NECESSARILY LIMITED TO THOSE ITEMS NOTED. OTHER ITEMS OF A MINOR NATURE WHICH MAY EXIST BUT ARE NOT SPECIFICALLY NOTED ON THE DRAWINGS ARE TO BE REMOVED AS REQUIRED, TO PROVIDE ACCESS AND ALLOW ALTERATION OR NEW WORK TO PROCEED. REPAIR ADJACENT SURFACES AS REQUIRED TO RECEIVE NEW FINISHES.
6. NOT ALL MECHANICAL, ELECTRICAL AND PLUMBING, EQUIPMENT WHICH IS REQUIRED TO BE REMOVED IS SHOWN. CONTRACTOR SHALL REMOVE ALL SUCH EQUIPMENT WHICH WILL INTERFERE WITH NEW CONSTRUCTION. EQUIPMENT WHICH WILL NO LONGER BE USED (E.G. PIPES, CONDUITS AND DUCTS) SHALL BE REMOVED COMPLETELY BACK TO THE POINT OF SERVICE AND CAPPED OR PLUGGED. ALSO SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION NOTES.
7. IF ANY HAZARDOUS MATERIALS ARE ENCOUNTERED BY THE GENERAL CONTRACTOR, INCLUDING BUT NOT LIMITED TO MATERIALS CONTAINING ASBESTOS, LEAD PAINT, ETC., WORK IS TO BE STOPPED AND THE ARCHITECT IMMEDIATELY NOTIFIED.
8. WHERE PLUMBING FIXTURES ARE NOTED TO BE REMOVED, ALL ASSOCIATED TOILET ACCESSORIES SHALL ALSO BE REMOVED.
9. REMOVE OR MODIFY EXISTING CONSTRUCTION AS SHOWN. TYPICAL WALL AND CEILING REMOVAL INCLUDES FINISHES, TRIM, BASES, DOORS AND FRAMES. MECHANICAL, PLUMBING AND ELECTRICAL SYSTEMS CONTAINED THEREIN UNLESS NOTED OTHERWISE. REMOVE ALL EXISTING DEVICES (SWITCHES, RECEPTACLES, TELEPHONE, CONDUIT, WIRE, ETC.) IN EXISTING WALLS TO BE REMOVED. REMOVE EXISTING LIGHT FIXTURES, DIFFUSERS, SPEAKERS, CONDUIT, WIRE, ETC. WHERE EXISTING CEILING IS TO BE REMOVED, SAW OUT SLAB ON GRADE AS REQD TO ACCOMMODATE NEW UNDERGROUND UTILITY LINES AND PATCH SLABS FLUSH W/ EXIST. DOWEL NEW EXIST AS REQD TO PREVENT SETTLEMENT.
10. AREAS OF EXISTING SURFACES NOT SCHEDULED FOR DEMOLITION WHICH BECOME DAMAGED, SHALL BE PATCHED OR REPAIRED TO MATCH ADJACENT SURFACE THICKNESS, FINISH AND TEXTURE. NEW WORK SHALL BE PRIMED PRIOR TO RECEIVING FINISH COATS.
11. ALL EXISTING WALLS AND PARTITIONS THAT ARE SCHEDULED TO REMAIN AND RECEIVE NEW FINISHES SHALL BE PATCHED, REPAIRED, OR RESURFACED AS REQUIRED TO PROVIDE A SMOOTH SURFACE FOR THE NEW FINISHES. REPAIR ADJACENT SURFACES AS REQUIRED TO RECEIVE NEW FINISH.
12. ALL EXISTING FLOOR AND WALL SURFACES THAT HAVE BEEN DAMAGED BY THIS RENOVATION SHALL BE REPAIRED OR PATCHED TO MATCH THEIR FINISH PRIOR TO THE START OF CONSTRUCTION.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF DEMOLITION OF EXISTING CONCRETE SLAB FOR THE INSTALLATION OF PLUMBING WORK. REFER TO PLUMBING DRAWINGS FOR EXTENT OF WORK.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL SHORING AND BRACING NECESSARY TO PROTECT EXISTING CONSTRUCTION TO REMAIN. CONTRACTOR SHALL PROVIDE SUITABLE SHORING AND BRACING AS REQUIRED TO SUPPORT LOADS IMPOSED OR RESULTING FROM DEMOLITION WORK. REFER TO SPECIFICATION SECTION 02150 AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.



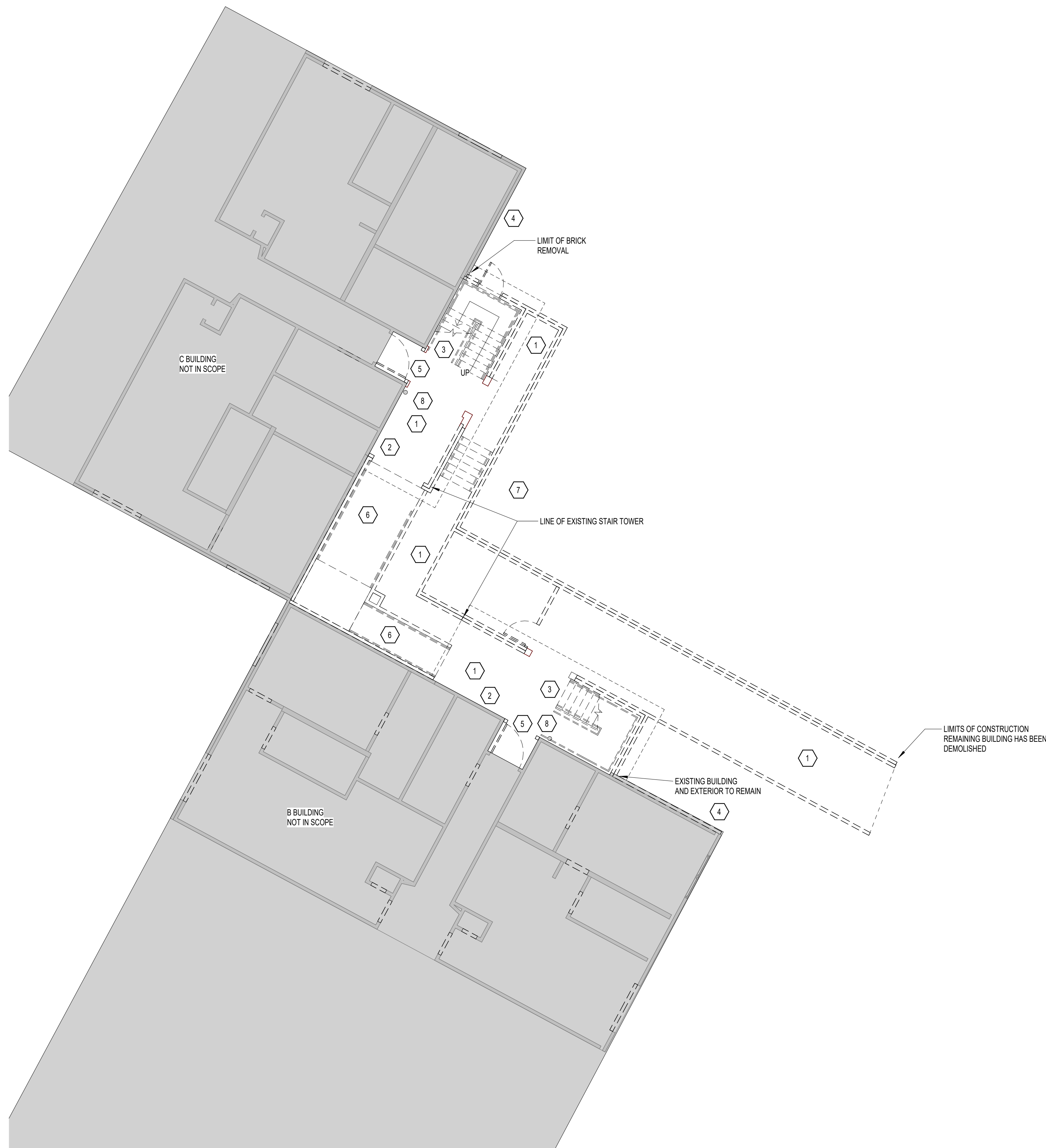
4 WEST ELEVATION
1 1/2" = 1'-0"



3 WEST ELEVATION - CORNER
1 1/2" = 1'-0"



2 EAST ELEVATION
1 1/2" = 1'-0"



1 ATRIUM - FIRST FLOOR PLAN - DEMOLITION
1/8" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



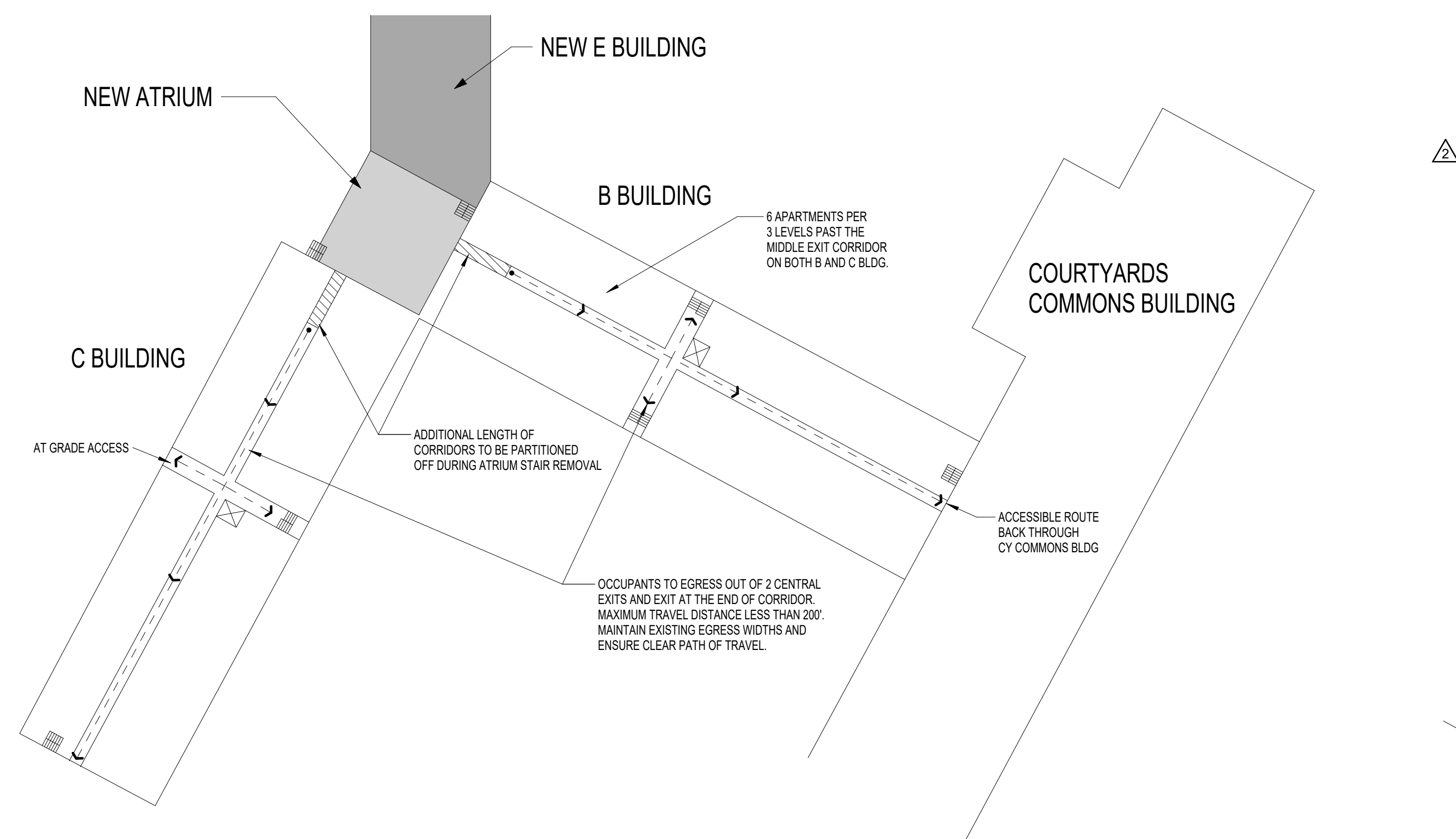
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SFCs Inc. • 1927 South Tryon St. - Suite 207
Charlotte, North Carolina 28203.4633
704.372.7327 • Fax 704.372.7369
www.sfcscs.com

DESIGNER : DAS	DRAWN : DAS	
ARCHITECT : DAS	CHECKED : AAT	
ENGINEER :	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE

DRAWING TITLE
DEMOLITION PLAN

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	AD1.1

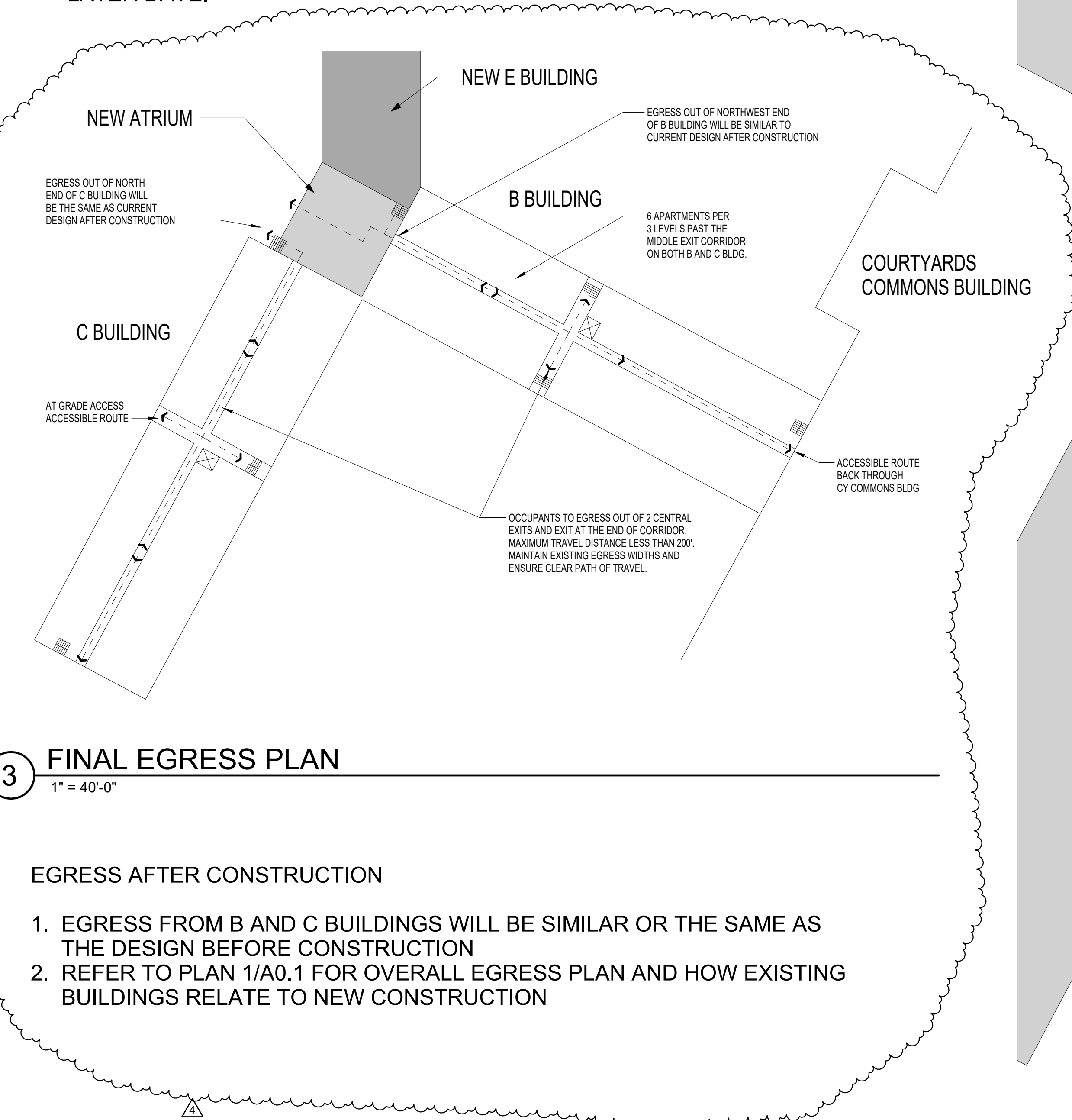


② TEMPORARY EGRESS PLAN

1" = 40'-0"

EGRESS COORDINATION DURING CONSTRUCTION

1. FINAL PLANS TO BE WORKED OUT WITH THE GENERAL CONTRACTOR
2. MAINTAIN EXISTING STAIRS AND EGRESS PATH (PROTECTED) AS LONG AS POSSIBLE.
3. EGRESS BACK THROUGH EXISTING B AND C BUILDINGS TO BE MAINTAINED THROUGHOUT CONSTRUCTION
4. TEMPORARY CONVENIENCE ACCESS TO MOORE ST PARKING LOT WILL BE DISCUSSED WITH GENERAL CONTRACTOR AND JOHN KNOX VILLAGE AT A LATER DATE.

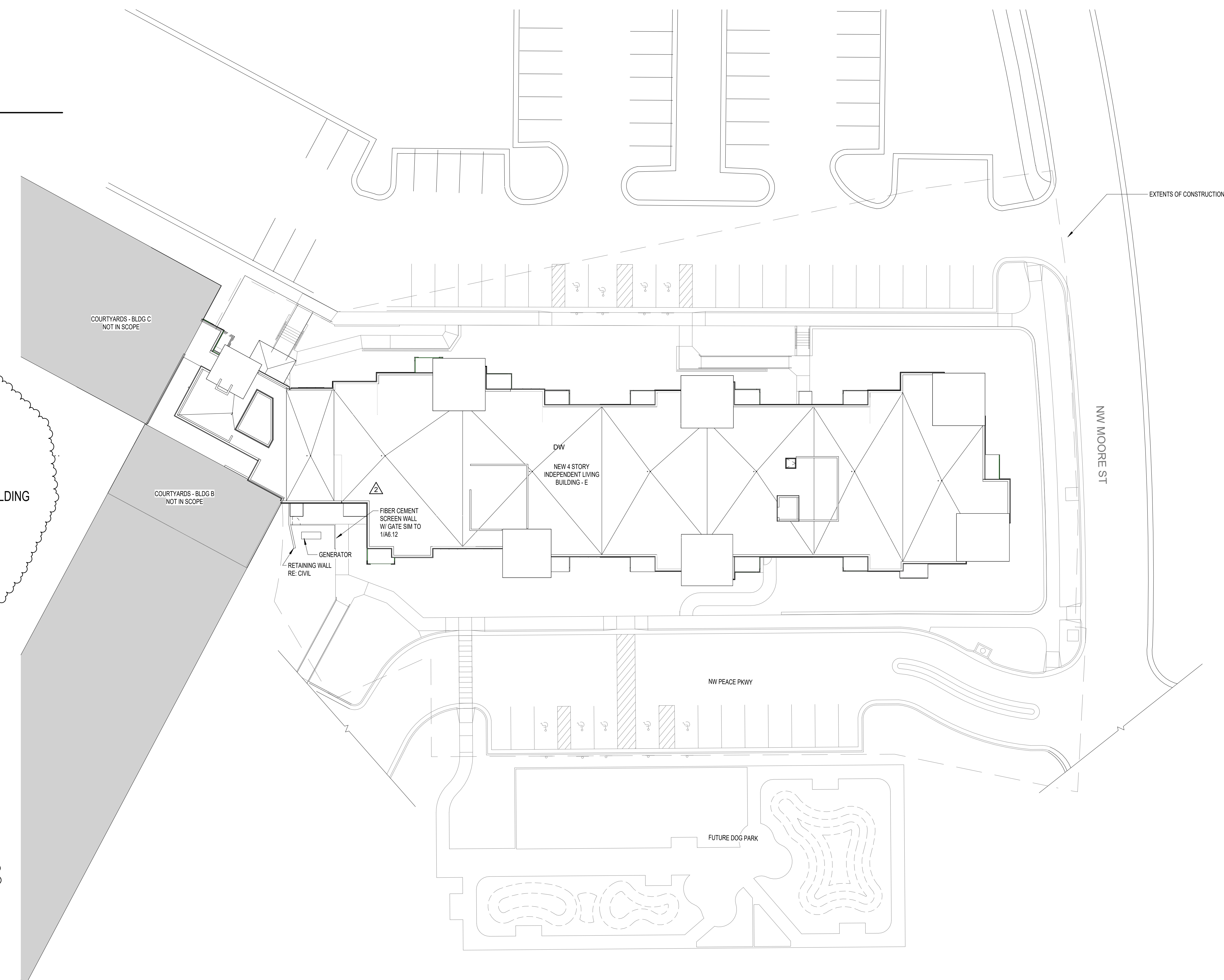


② FINAL EGRESS PLAN

$$1'' = 40'-0''$$

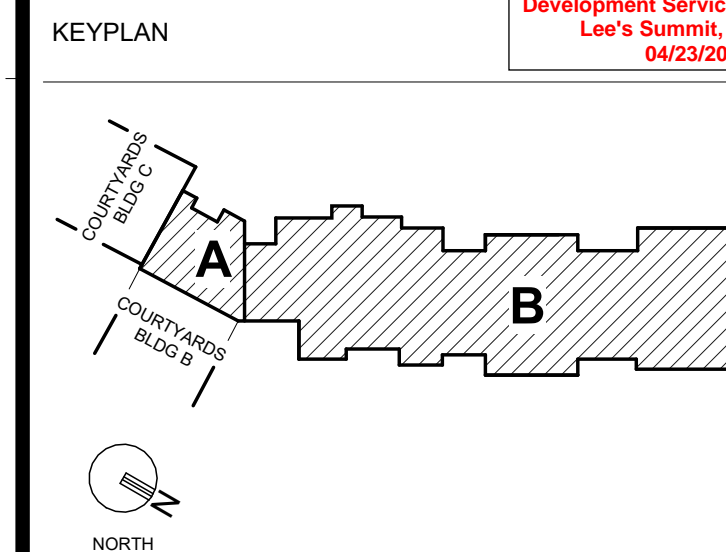
EGRESS AFTER CONSTRUCTION

1. EGRESS FROM B AND C BUILDINGS WILL BE SIMILAR OR THE SAME AS THE DESIGN BEFORE CONSTRUCTION
2. REFER TO PLAN 1/A.0.1 FOR OVERALL EGRESS PLAN AND HOW EXISTING BUILDINGS RELATE TO NEW CONSTRUCTION



1 SITE PLAN

1" = 20'-0"



GENERAL NOTES

ARCHITECTURAL SITE PLAN IS FOR REFERENCE ONLY. RE: CIVIL DRAWINGS
FOR ACTUAL CONDITIONS.

CONSTRUCTION SET



PROJECT TITLE



John Knox Village

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www.sfcs.com

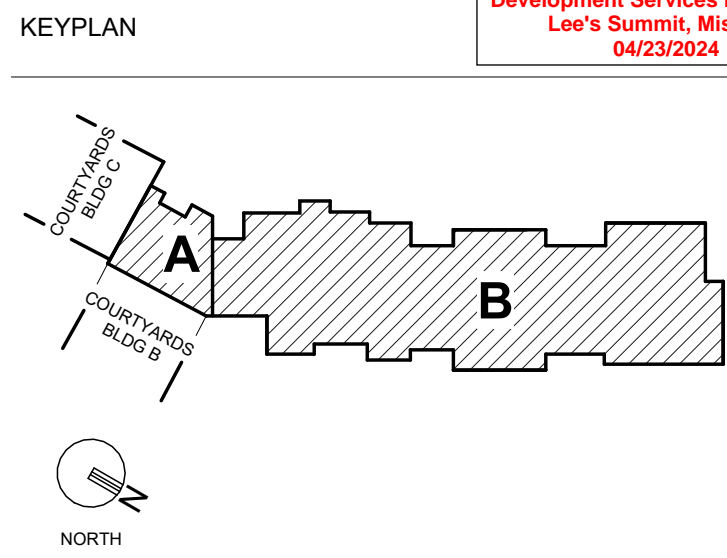
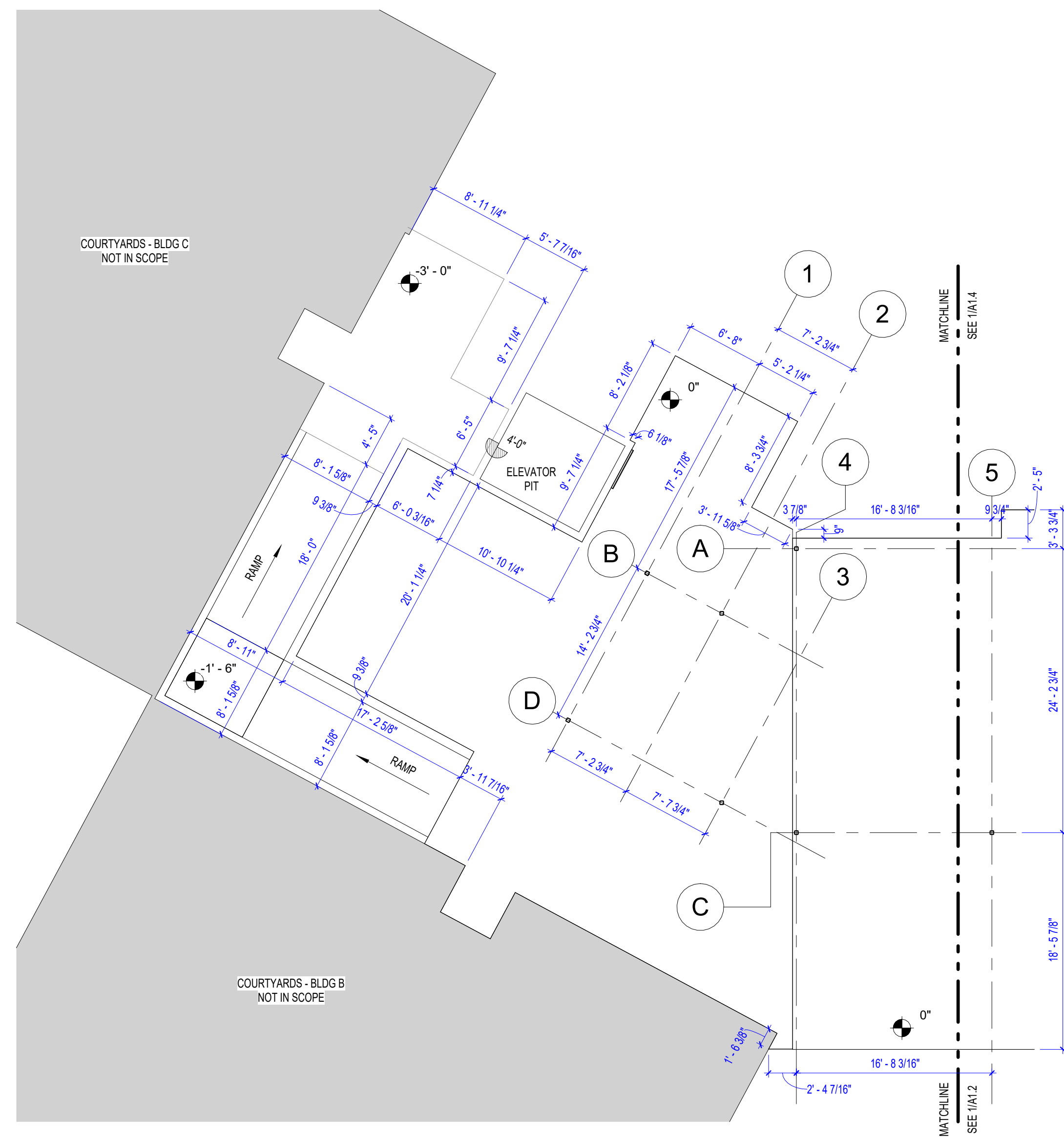
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ARCHITECT : DAS	CHECKED : AAT
ENGINEER :	APPROVED : CRJ
NO.	REVISION DESCRIPTION DATE
2	Rev 1 - Permit Comments 02/15/2
4	Addendum 2 03/29/2

DRAWING TITLE

DRAWING TITLE

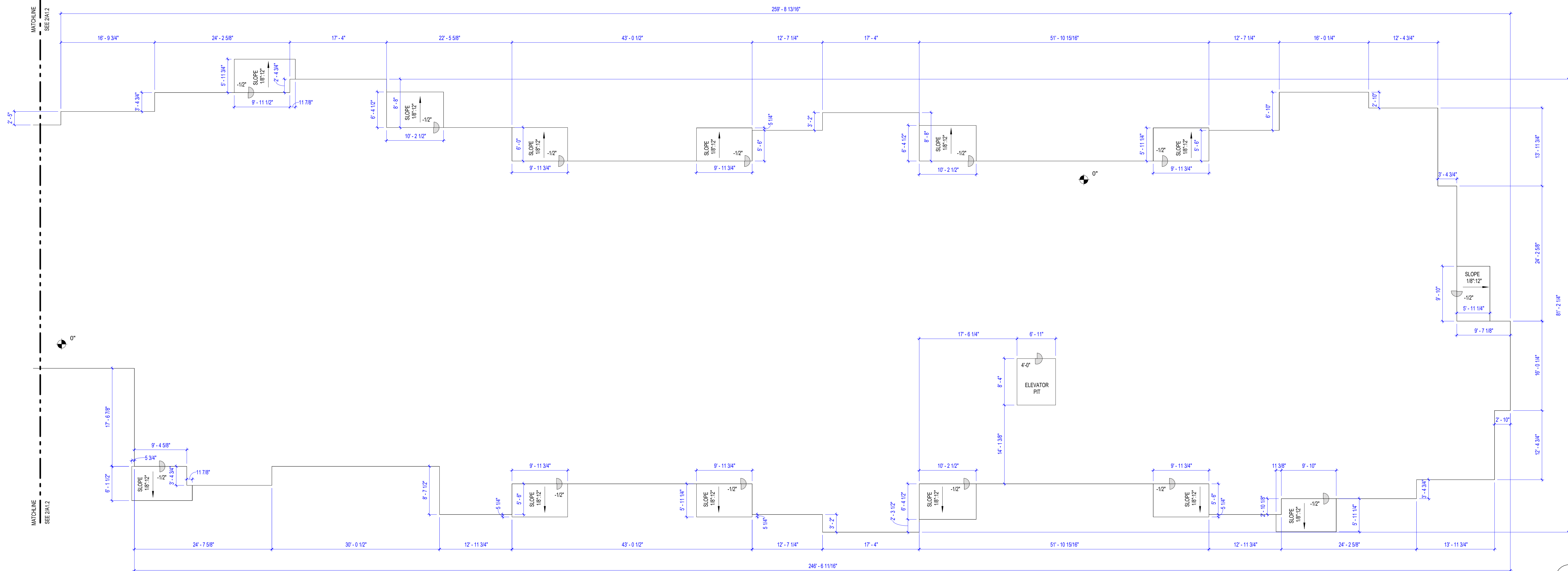
ARCHITECTURAL SITE
PLAN

DATE:	January 5, 2024	DRAWING A1.1
COMM. NO.	23104.00	

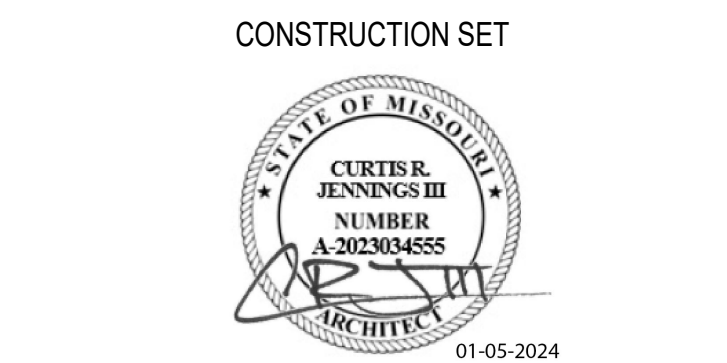


- GENERAL NOTES
- EDGE OF SLAB DIMENSIONS ARE ALIGNED WITH OUTSIDE FACE OF STUDS
 - BUILDING RELIEF DIMENSIONS NOTED ON THIS PLAN TO BE CONSISTENT ON ALL FLOORS

2 ATRIUM - FIRST FLOOR PLAN EDGE OF SLAB
1/8" = 1'-0"



1 FIRST FLOOR PLAN - IL UNITS EDGE OF SLAB
1/8" = 1'-0"



PROJECT TITLE


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ARCHITECT : DAS	CHECKED : AAT
ENGINEER :	APPROVED : CRJ
NO. 2	REVISION DESCRIPTION 02/15/24

DRAWING TITLE

FIRST FLOOR PLAN - IL UNITS EDGE OF SLAB

DATE: January 5, 2024
DRAWING
COMM. NO. 23104.00
A1.2

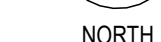
DIMENSIONS ADDED AND ADJUSTED



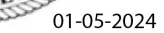
1. ALL UNDIMENSIONED DOORS TO BE CENTERED OR 4" OFF SIDE WALL.
2. ALL UNDESIGNATED DIMENSIONED WALLS TO BE 3 1/2" WOOD STUD.
3. DIMENSIONS ARE TO FACE OF STUD OR CENTER OF DEMISING WALL UNLESS OTHERWISE NOTED.
4. CORRIDOR WALLS AT UNIT AND DEMISING WALLS BETWEEN UNITS SHALL BE TREATED AS SOUND RATED WALLS.
5. REFER TO A1.2 FOR BUILDING RELIEF DIMENSIONS AND PATIO/BALCONY DIMENSIONS.



DIMENSIONS ADDED AND ADJUSTED
SIGNAGE ADDED
CHAIR/LEAN RAIL ADDED



CONSTRUCTION SET



PROJECT TITLE



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ARCHITECT : DAS	CHECKED : AAT
ENGINEER :	APPROVED : CRJ
NO.	REVISION DESCRIPTION
2	Rev 1 - Permit Comments
	02/15/2

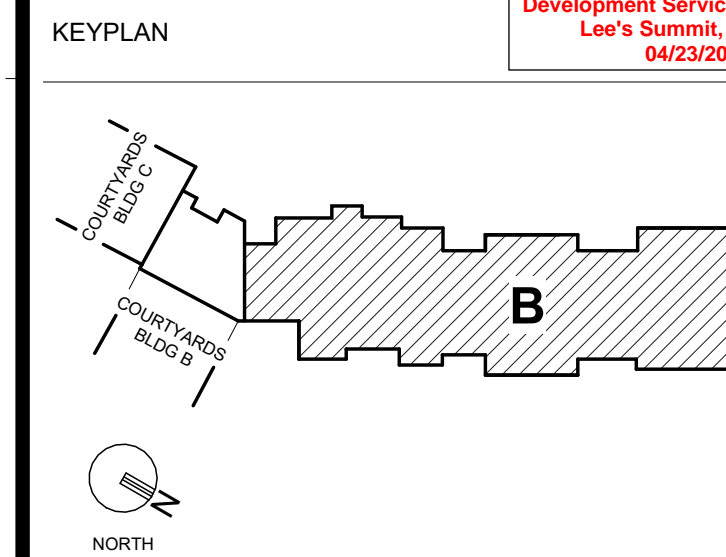
DRAWING TITLE
FIRST FLOOR PLAN - IL
UNITS

DATE: _____

	DRAWING
--	---------

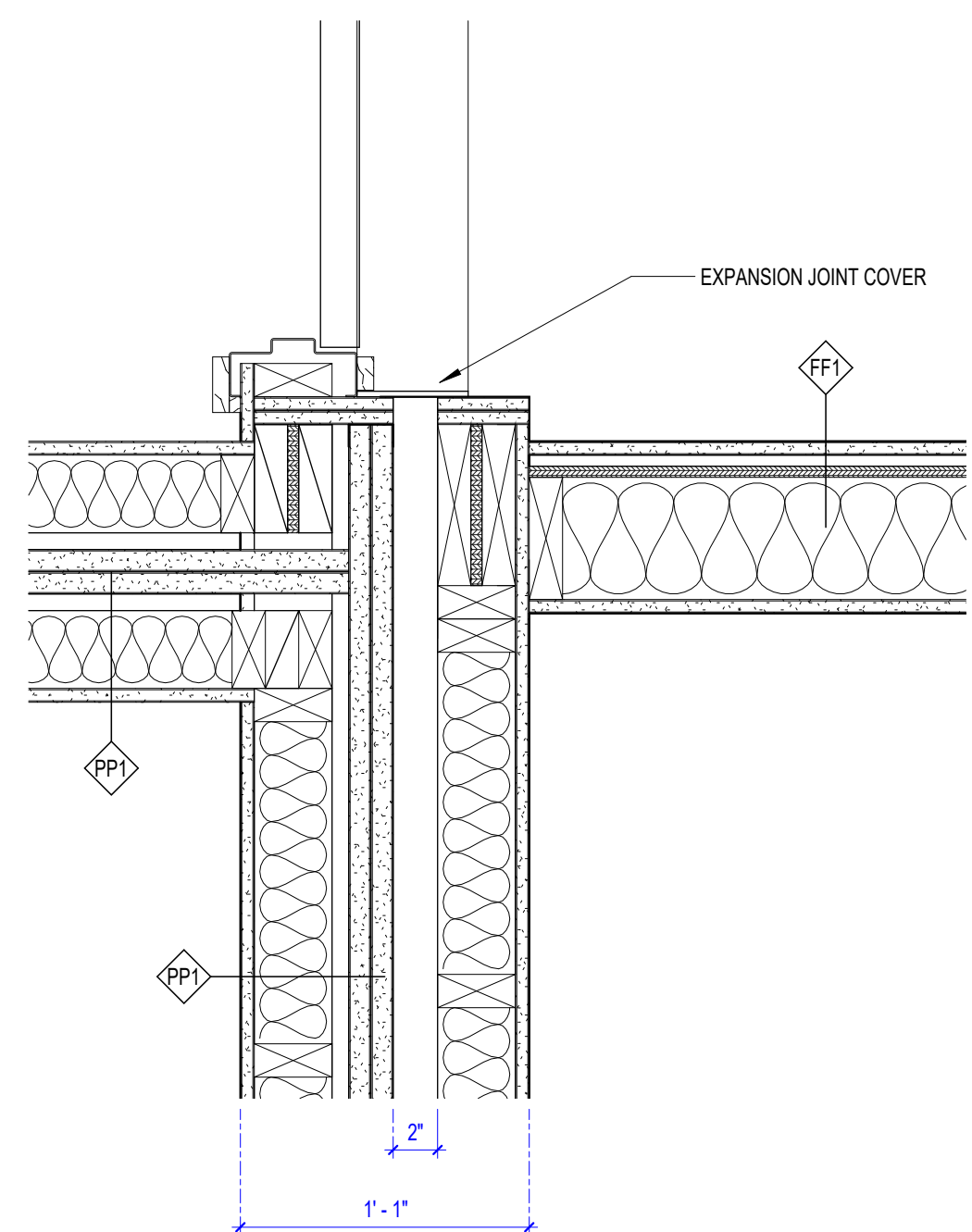
COMM. NO.	23104.00
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A1.3



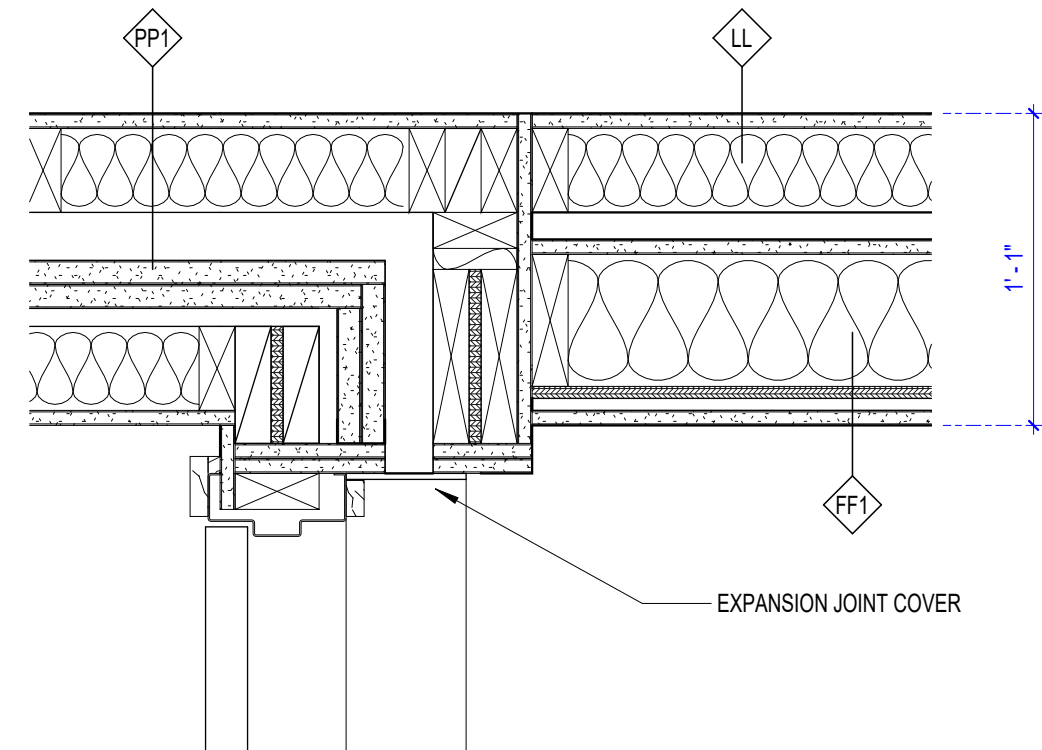
GENERAL NOTES

1. ALL UNDESIGNATED DOORS TO BE CENTERED OR 4" OFF SIDE WALL.
2. ALL UNDESIGNATED DIMENSIONED WALLS TO BE 3 1/2" WOOD STUD.
3. DIMENSIONS ARE TO FACE OF STUD OR CENTER OF DEMISING WALL UNLESS OTHERWISE NOTED.
4. CORRIDOR WALLS AT UNIT AND DEMISING WALLS BETWEEN UNITS SHALL BE TREATED AS SOUND RATED WALLS.
5. REFER TO A1.2 FOR BUILDING RELIEF DIMENSIONS AND PATIO/BALCONY DIMENSIONS.



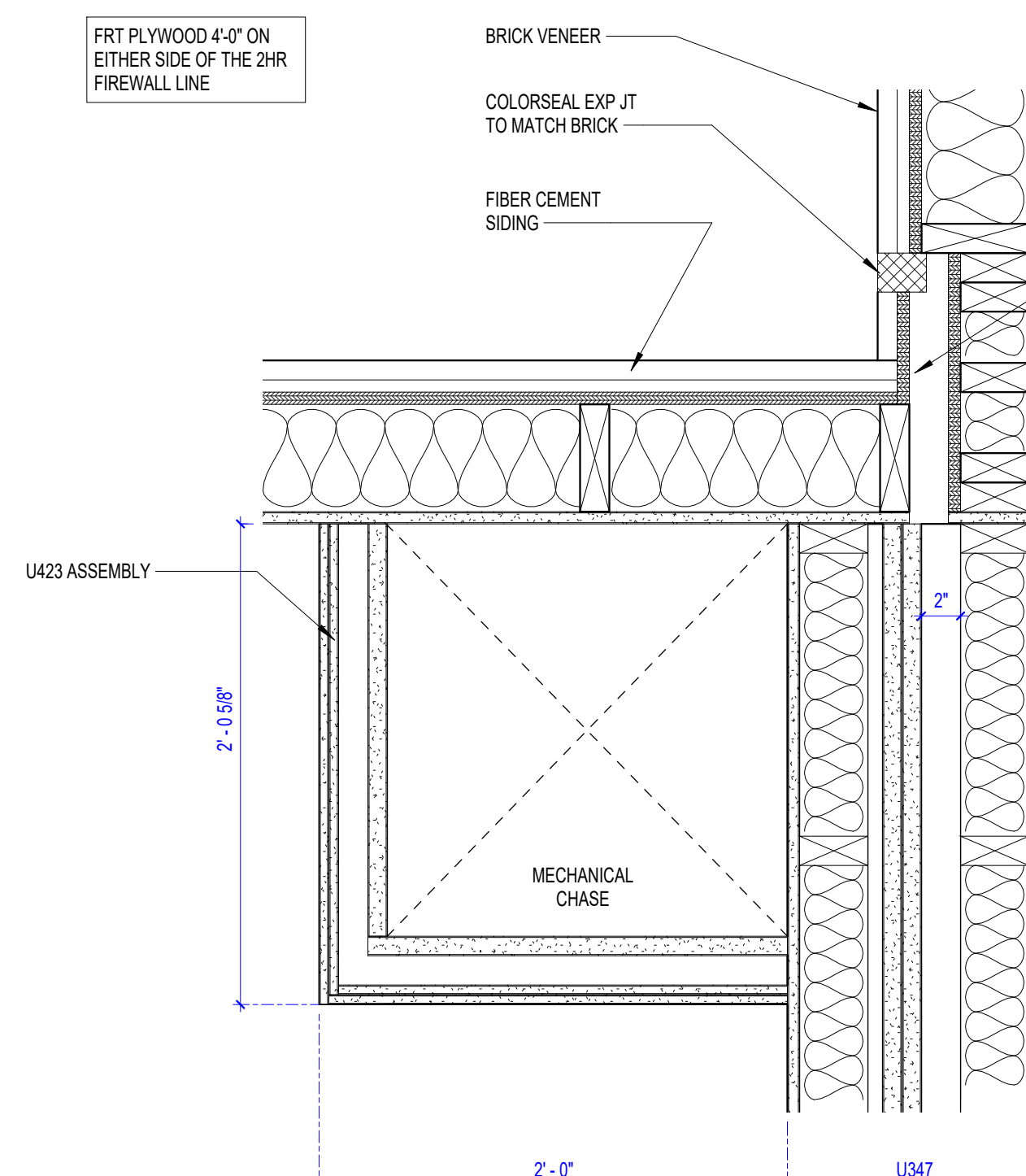
EXPANSION JOINT - INTERIOR -
TYPICAL 2

1 1/2" = 1'-0"



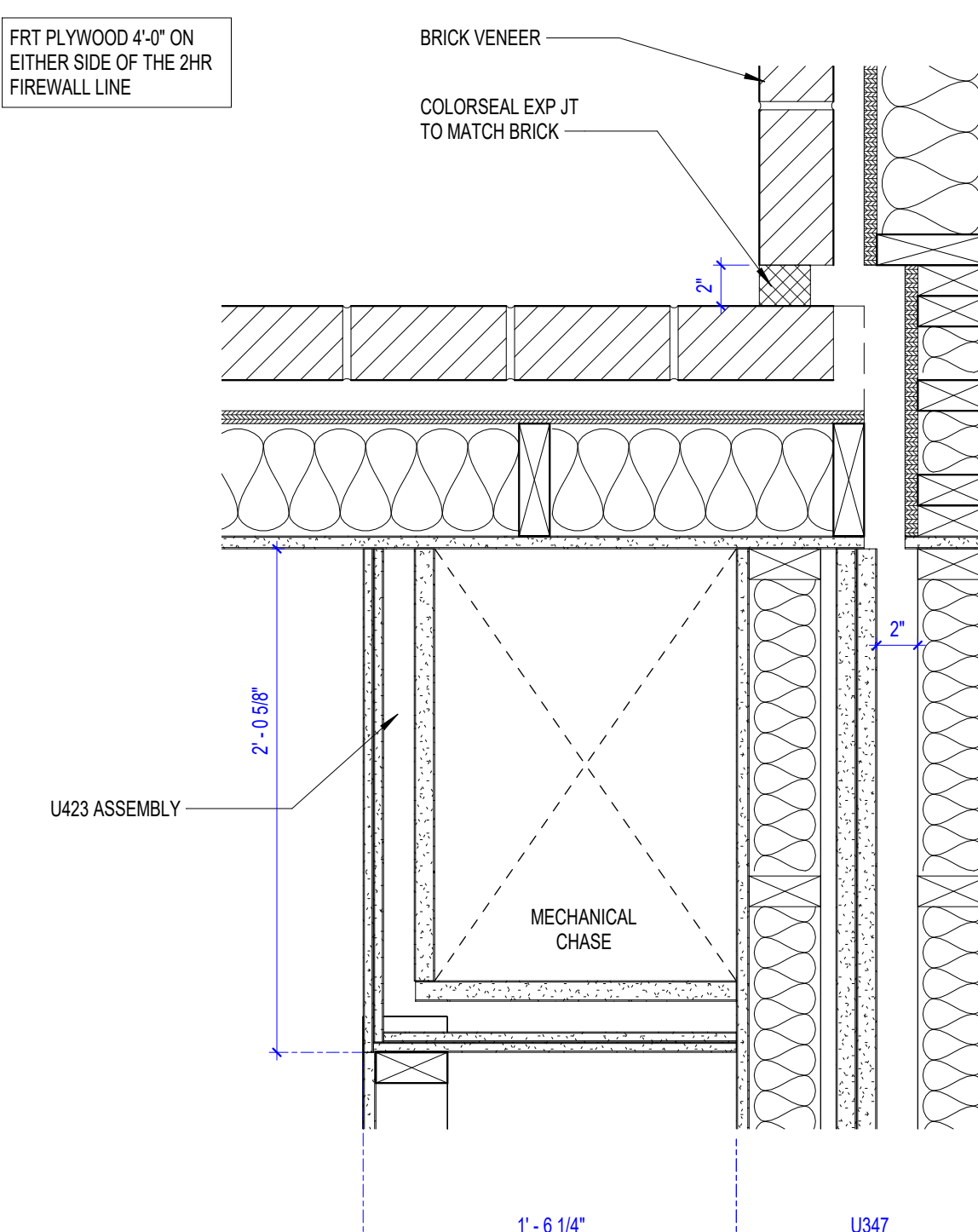
EXPANSION JOINT - INTERIOR -
TYPICAL 1

1 1/2" = 1'-0"



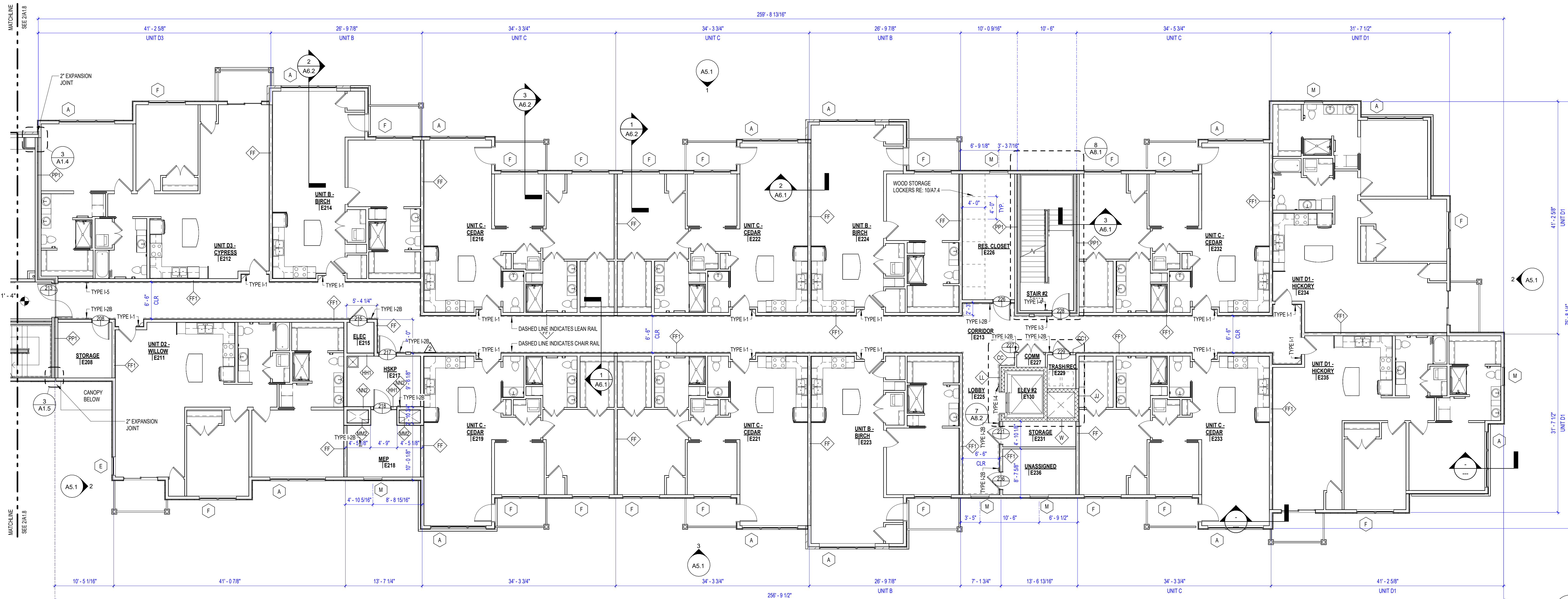
EXPANSION JOINT - EXT/UPPER
FLOORS 1

1 1/2" = 1'-0"



EXPANSION JOINT - EXT/1ST FLR 1

1 1/2" = 1'-0"



SECOND FLOOR PLAN - IL UNITS

1/8" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



John Knox Village

COURTYARDS - BUILDING E

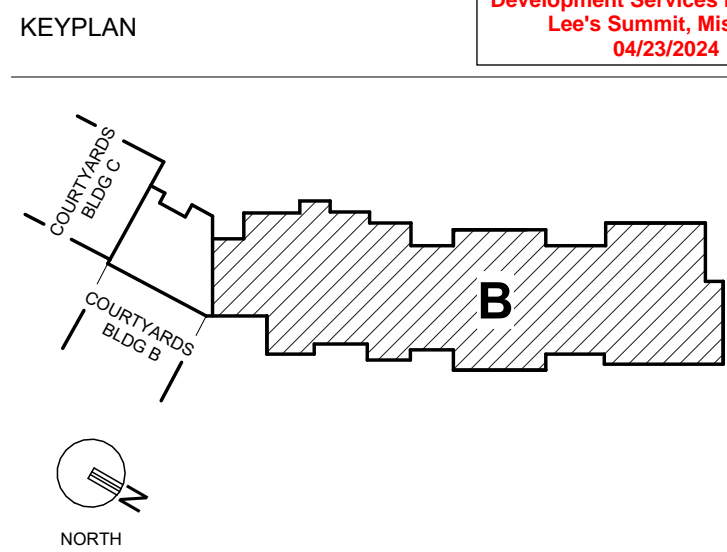
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DESIGNER : DAS	DRAWN : DAS
ARCHITECT : DAS	CHECKED : AAT
ENGINEER : CRJ	APPROVED : CRJ
NO. 2	REVISION DESCRIPTION
Rev 1 - Permit Comments	DATE 02/15/24

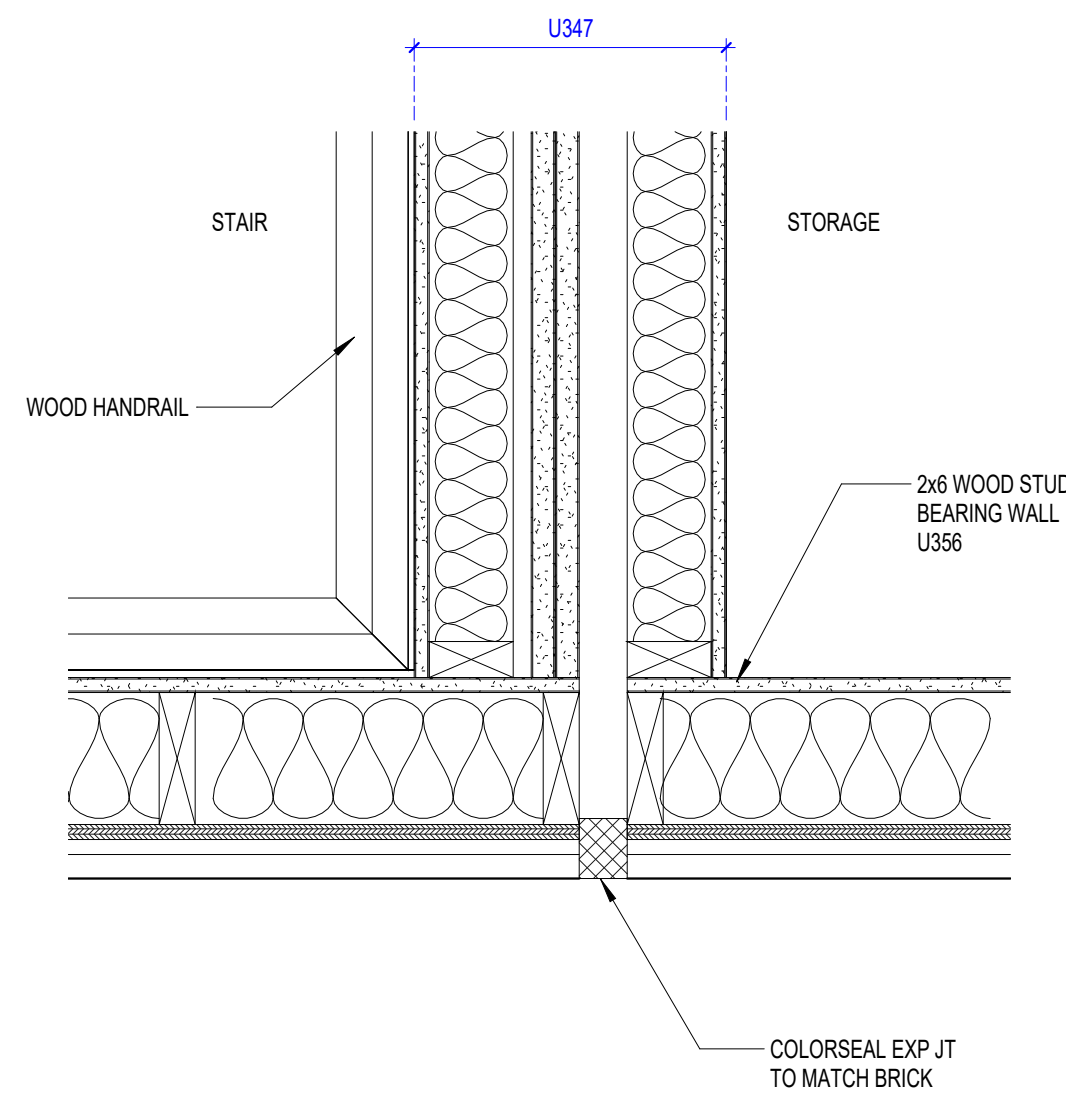
DRAWING TITLE
SECOND FLOOR PLAN - IL UNITS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A1.4

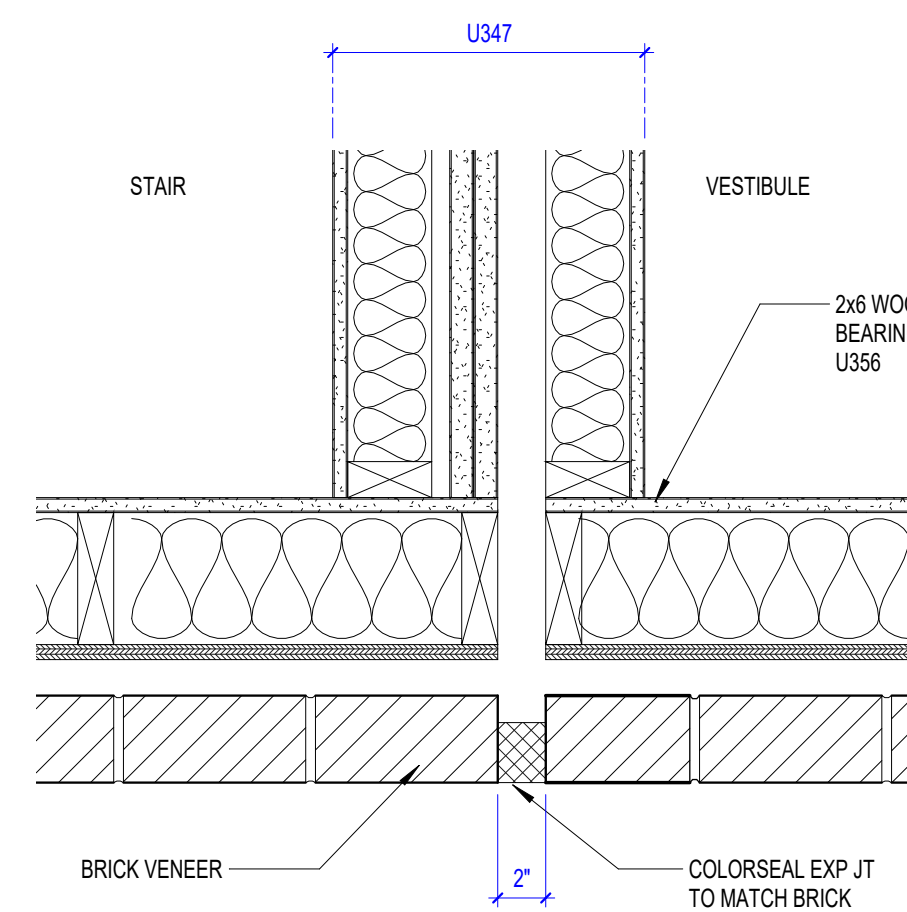


GENERAL NOTES

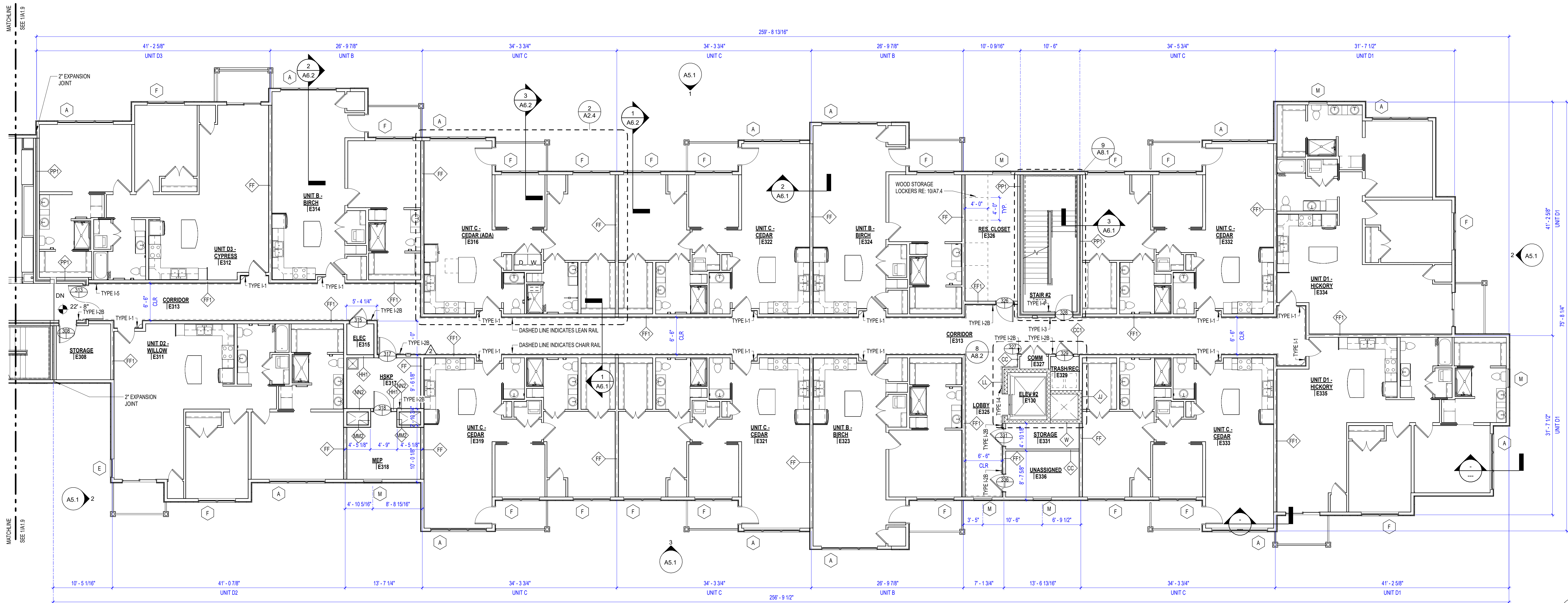
1. ALL UNDIMENSIONED DOORS TO BE CENTERED OR 4" OFF SIDE WALL.
2. ALL UNDESIGNATED DIMENSIONED WALLS TO BE 3 1/2" WOOD STUD.
3. DIMENSIONS ARE TO FACE OF STUD OR CENTER OF DEMISING WALL UNLESS OTHERWISE NOTED.
4. CORRIDOR WALLS AT UNIT AND DEMISING WALLS BETWEEN UNITS SHALL BE TREATED AS SOUND RATED WALLS.
5. REFER TO A1.2 FOR BUILDING RELIEF DIMENSIONS AND PATIO/BALCONY DIMENSIONS.



EXPANSION JOINT - EXT/UPPER FLOORS
1 1/2" = 1'-0"

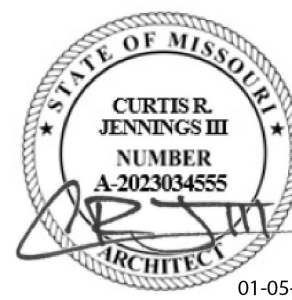


EXPANSION JOINT - EXT/1ST FLR 2
1 1/2" = 1'-0"



THIRD FLOOR PLAN - IL UNITS
1/8" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



COURTYARDS - BUILDING E

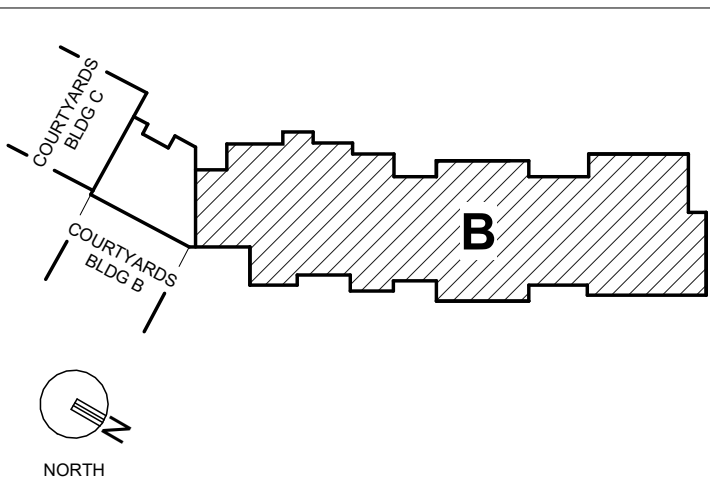
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ARCHITECT : DAS	CHECKED : AAT
ENGINEER : CRJ	APPROVED : CRJ
NO. 2	REVISION DESCRIPTION DATE
Rev 1 - Permit Comments	02/15/24

DRAWING TITLE
THIRD FLOOR PLAN - IL UNITS

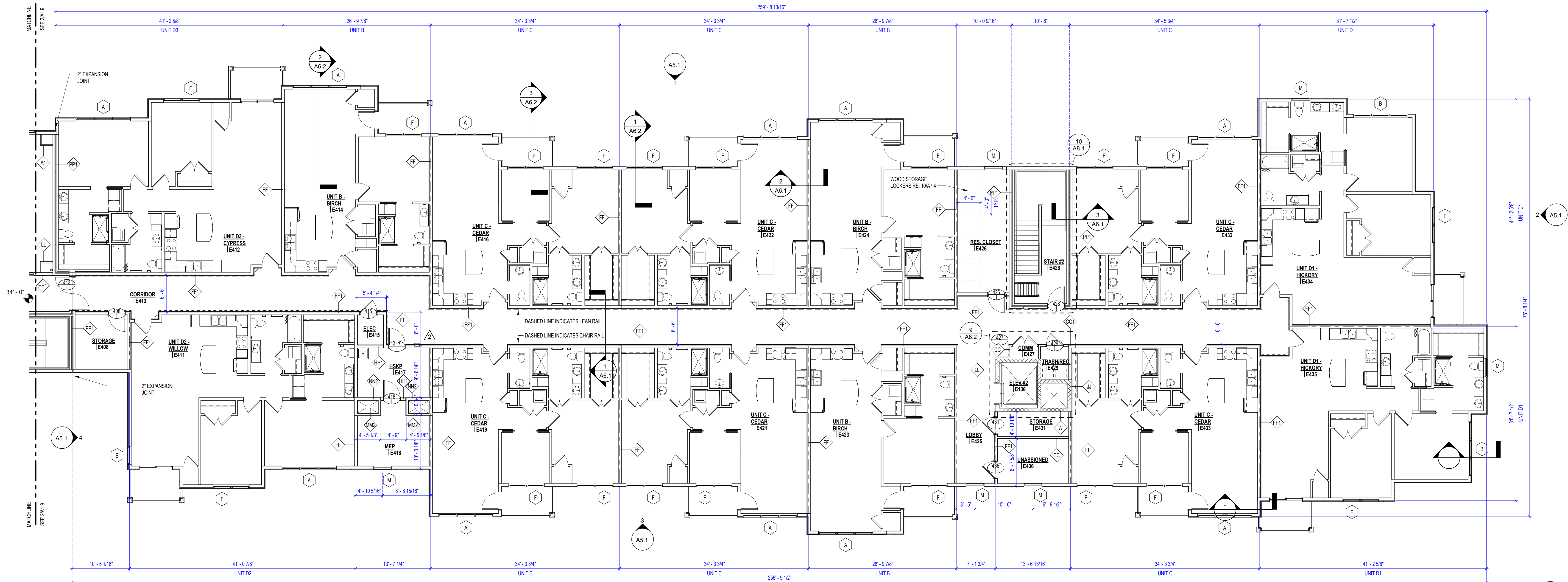
DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A1.5

KEYPLAN



GENERAL NOTES

1. ALL UNDIMENSIONED DOORS TO BE CENTERED OR 4" OFF SIDE WALL.
2. ALL UNDESIGNATED DIMENSIONED WALLS TO BE 3 1/2" WOOD STUD.
3. DIMENSIONS ARE TO FACE OF STUD OR CENTER OF DEMISING WALL UNLESS OTHERWISE NOTED.
4. CORRIDOR WALLS AT UNIT AND DEMISING WALLS BETWEEN UNITS SHALL BE TREATED AS SOUND RATED WALLS.
5. REFER TO A1.2 FOR BUILDING RELIEF DIMENSIONS AND PATIO/BALCONY DIMENSIONS.



1 FOURTH FLOOR PLAN - IL UNITS
1/8" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



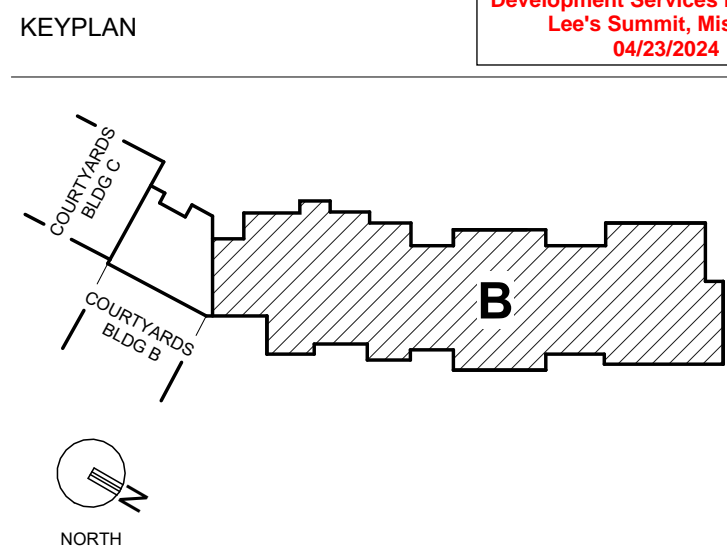
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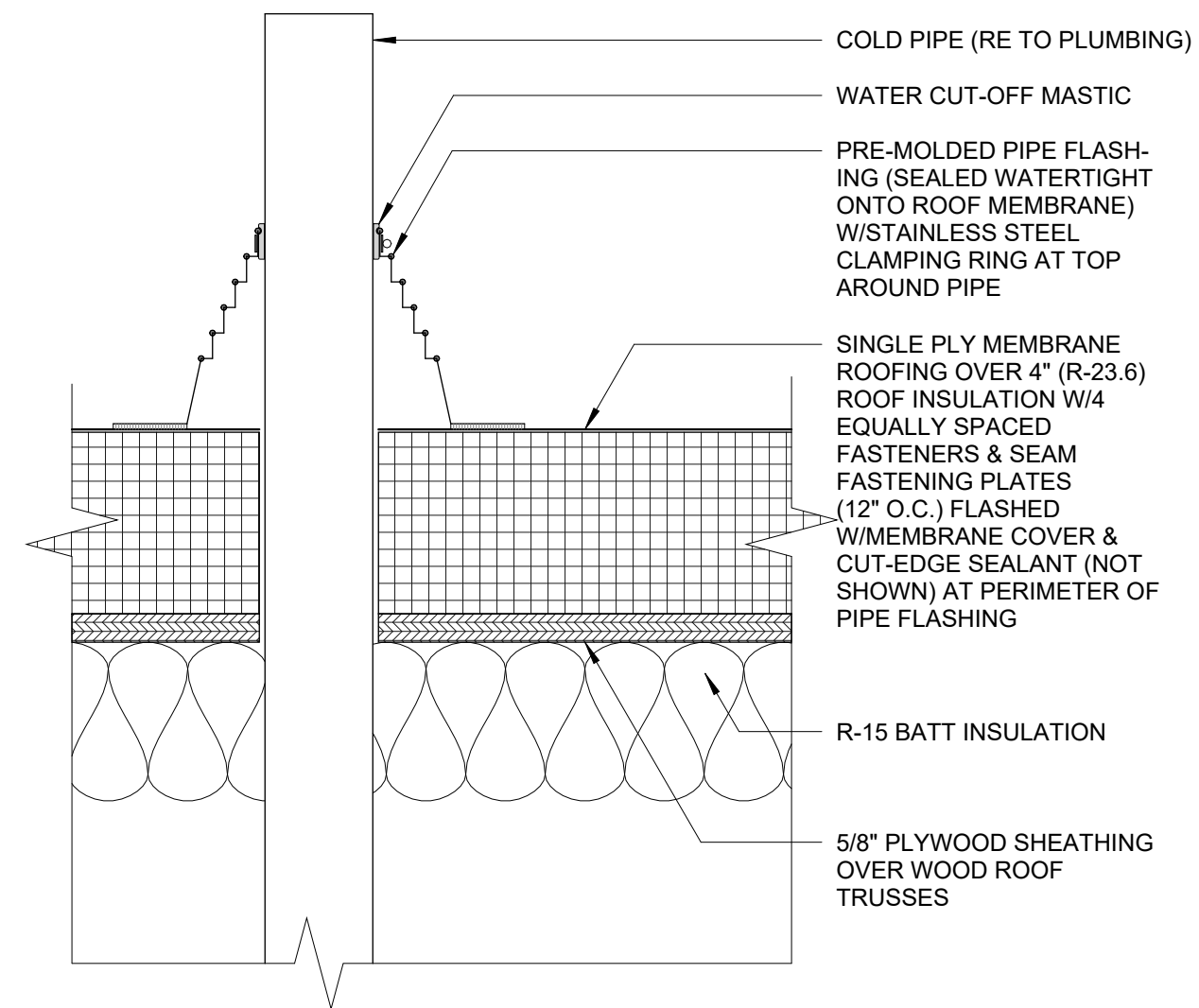
DESIGNER : DAS	DRAWN : DAS
ARCHITECT : DAS	CHECKED : AAT
ENGINEER :	APPROVED : CRJ
NO. 2	REVISION DESCRIPTION DATE
Rev 1 - Permit Comments	02/15/24

DRAWING TITLE
FOURTH FLOOR PLAN - IL UNITS

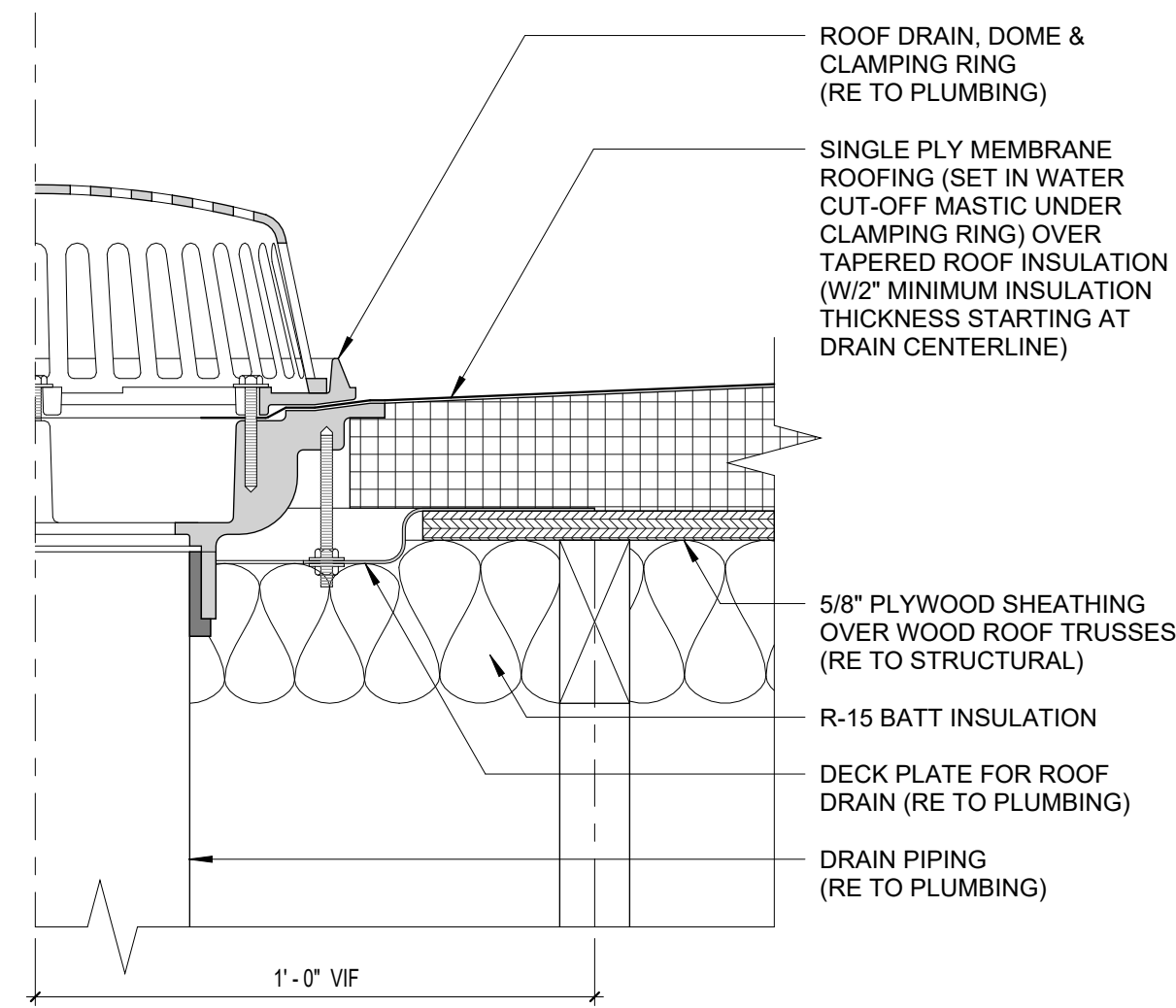
DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A1.6



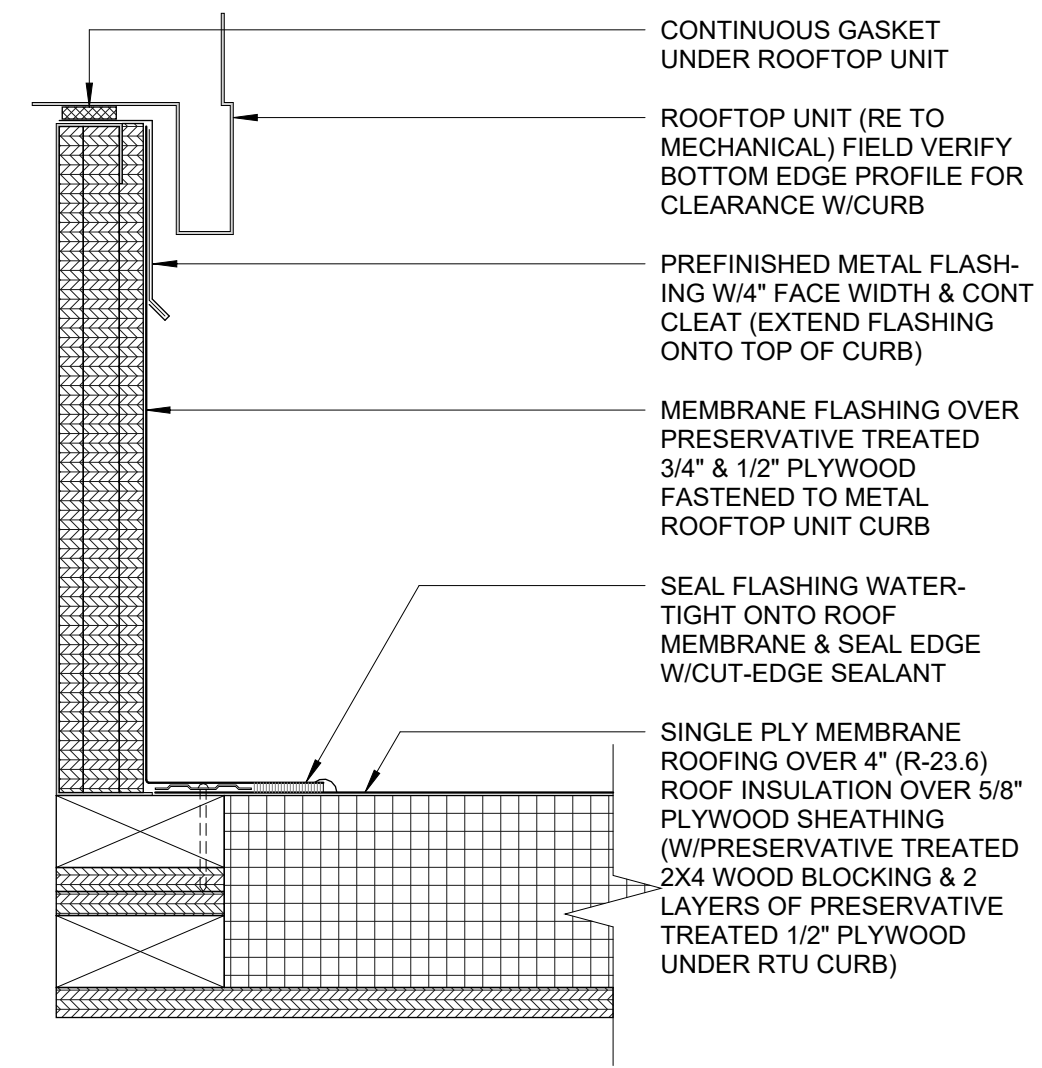
- GENERAL NOTES
- SLOPE TO BE 1/4" PER FOOT UNLESS OTHERWISE NOTED
 - ROOFING MATERIAL IS TO BE SINGLE PLY MEMBRANE ROOF OVER INSULATION UNLESS OTHERWISE NOTED



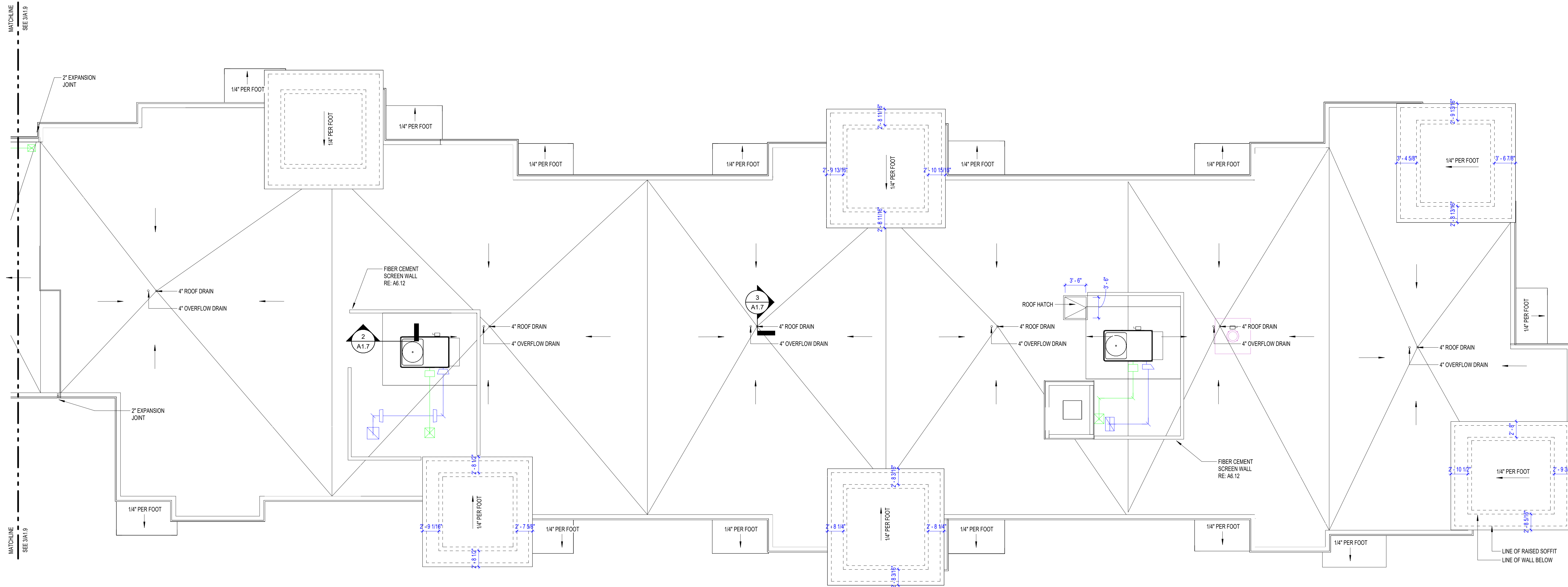
4 PIPE FLASHING AT ROOF
3" = 1'-0"



3 ROOF DRAIN
3" = 1'-0"



2 RTU CURB FLASHING AT ROOF
3" = 1'-0"



1 ROOF PLAN - IL UNITS
1/8" = 1'-0"

CONSTRUCTION SET



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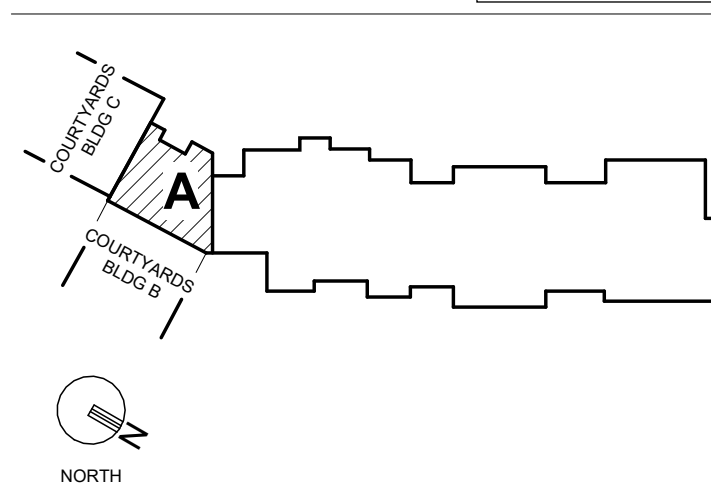
DESIGNER : DAS	DRAWN : DAS	
ARCHITECT : DAS	CHECKED : AAT	
ENGINEER :	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE

DRAWING TITLE

ROOF PLAN - IL UNITS

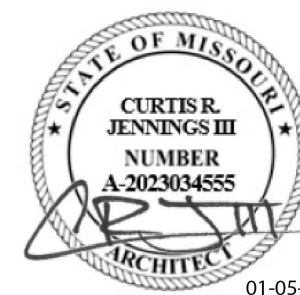
DATE:	January 5, 2024	DRAWING
COMM. NO.	23104.00	A1.7

KEYPLAN



GENERAL NOTES

CONSTRUCTION SET



PROJECT TITLE



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ARCHITECT :	DAS	CHECKED :	AAT
ENGINEER :		APPROVED :	CRJ
NO.	REVISION DESCRIPTION		DATE
2	Rev 1 - Permit Comments		02/15/24
3	Addendum 1		03/07/24

DRAWING TITLE

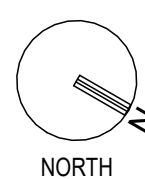
FIRST AND SECOND
FLOOR PLANS - ATRIUM

DATE:	January 5, 2024	DRAWING	A1.8
COMM. NO.	23104.00		

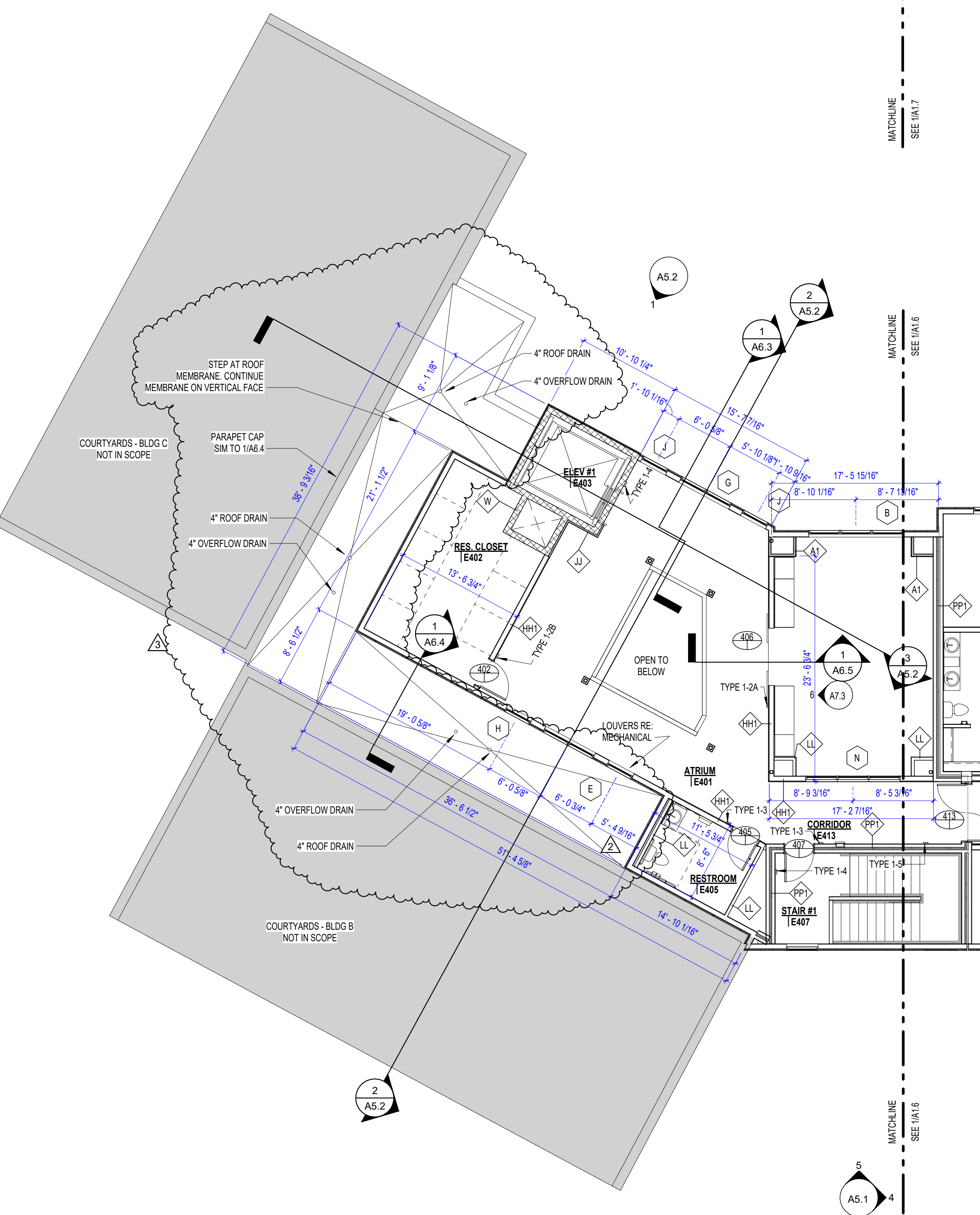
2 ATRIUM - SECOND FLOOR PLAN
1/8" = 1'-0"

1 ATRIUM - FIRST FLOOR PLAN
1/8" = 1'-0"

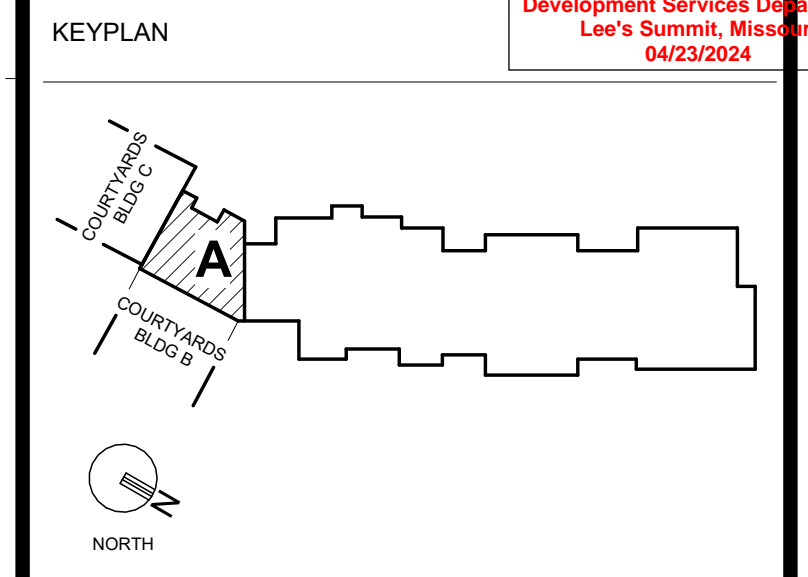
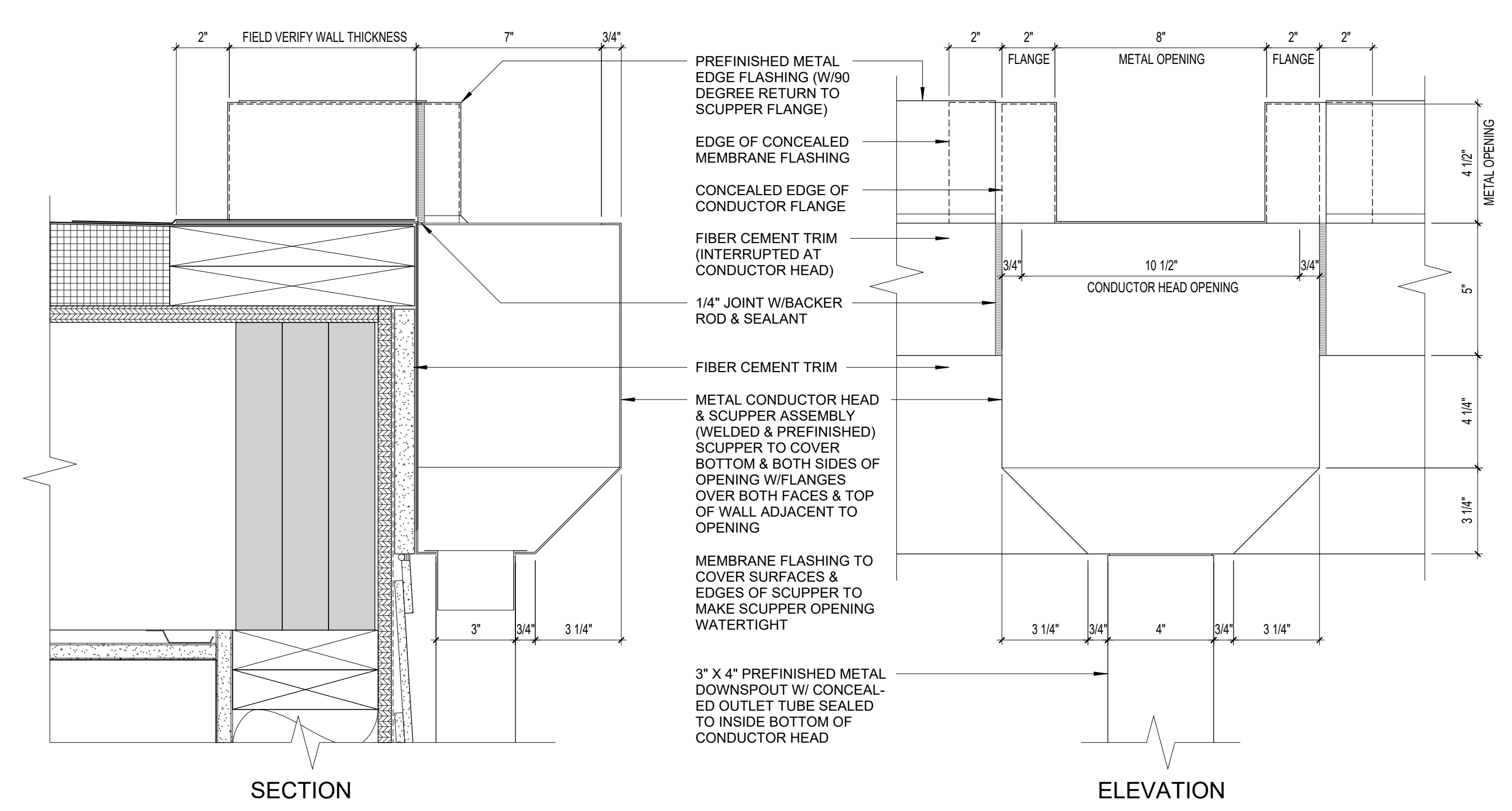
DIMENSIONS ADDED AND ADJUSTED



3 ROOF PLAN - ATRIUM
1/8" = 1'-0"

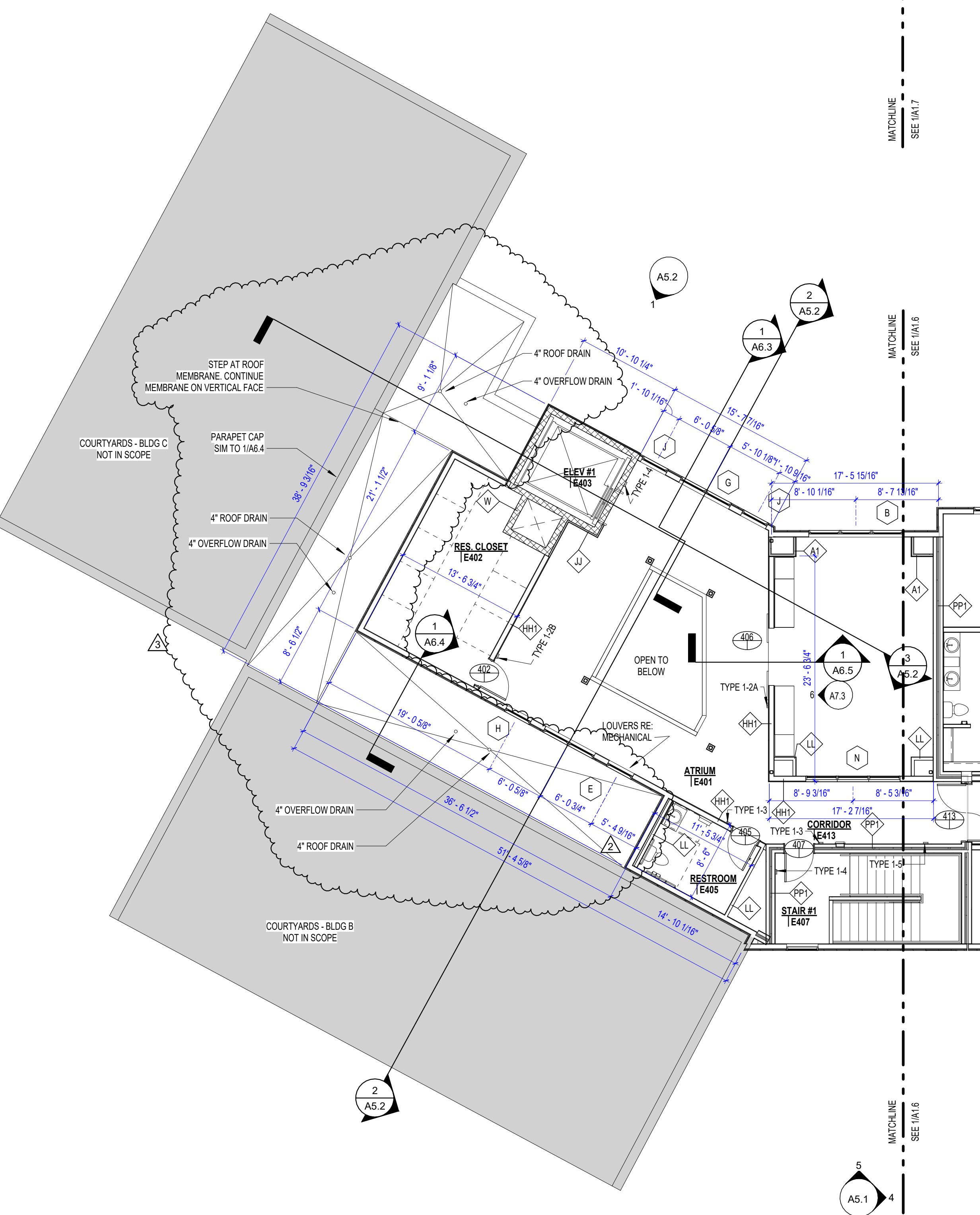


4 SCUPPER & DOWNSPOUTS CONDUCTOR HEAD
3\"/>

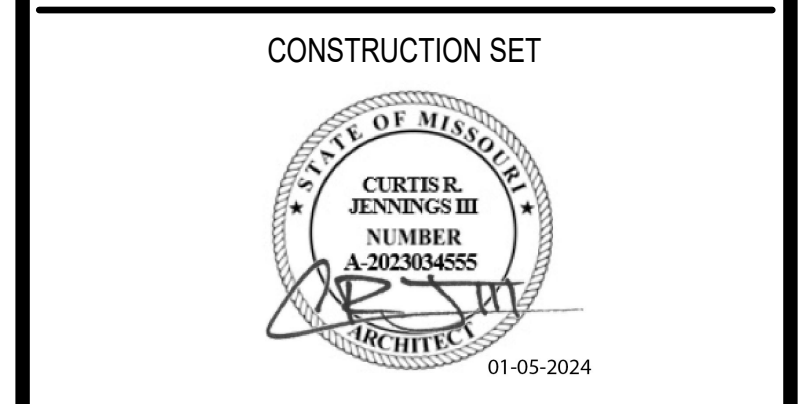
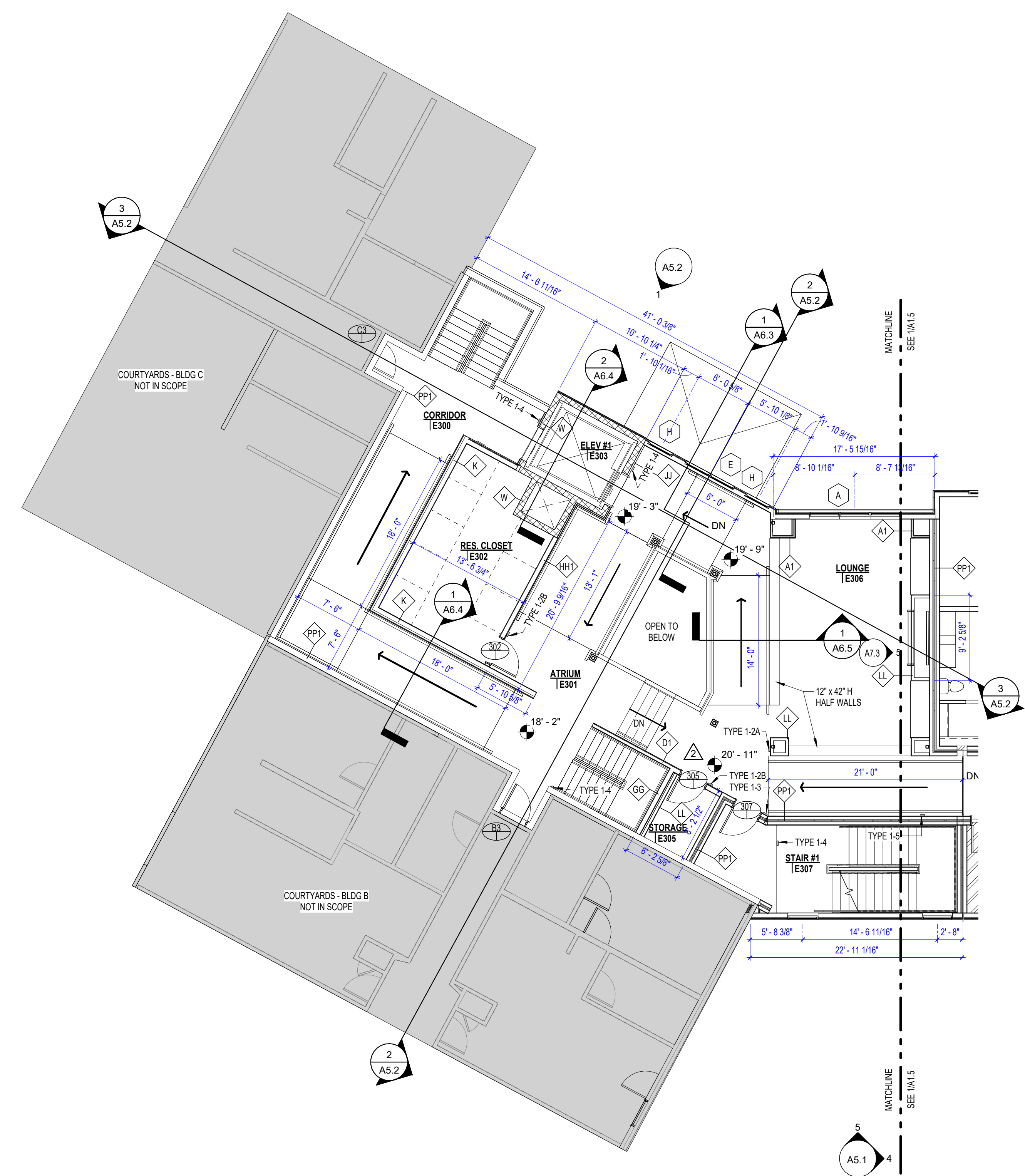


- GENERAL NOTES
- SLOPE TO BE 1/4" PER FOOT UNLESS OTHERWISE NOTED
 - ROOFING MATERIAL IS TO BE SINGLE PLY MEMBRANE ROOF OVER INSULATION UNLESS OTHERWISE NOTED

2 ATRIUM - FOURTH FLOOR PLAN
1/8" = 1'-0"



1 ATRIUM - THIRD FLOOR PLAN
1/8" = 1'-0"



PROJECT TITLE
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ARCHITECT : DAS		CHECKED : AAT	
ENGINEER :		APPROVED : CRJ	
NO.	REVISION DESCRIPTION		DATE
2	Rev 1 - Permit Comments		02/15/24
3	Addendum 1		03/07/24

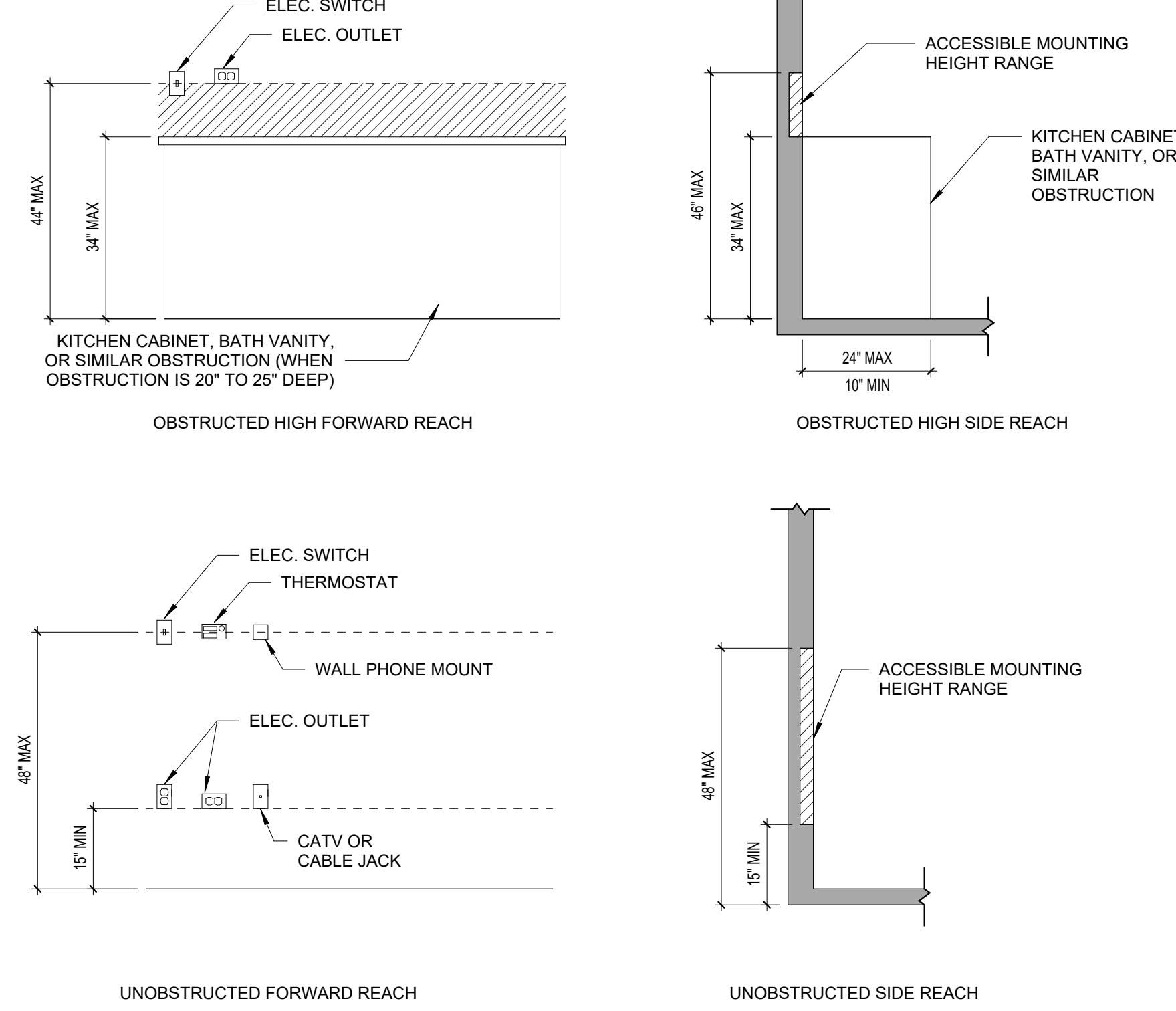
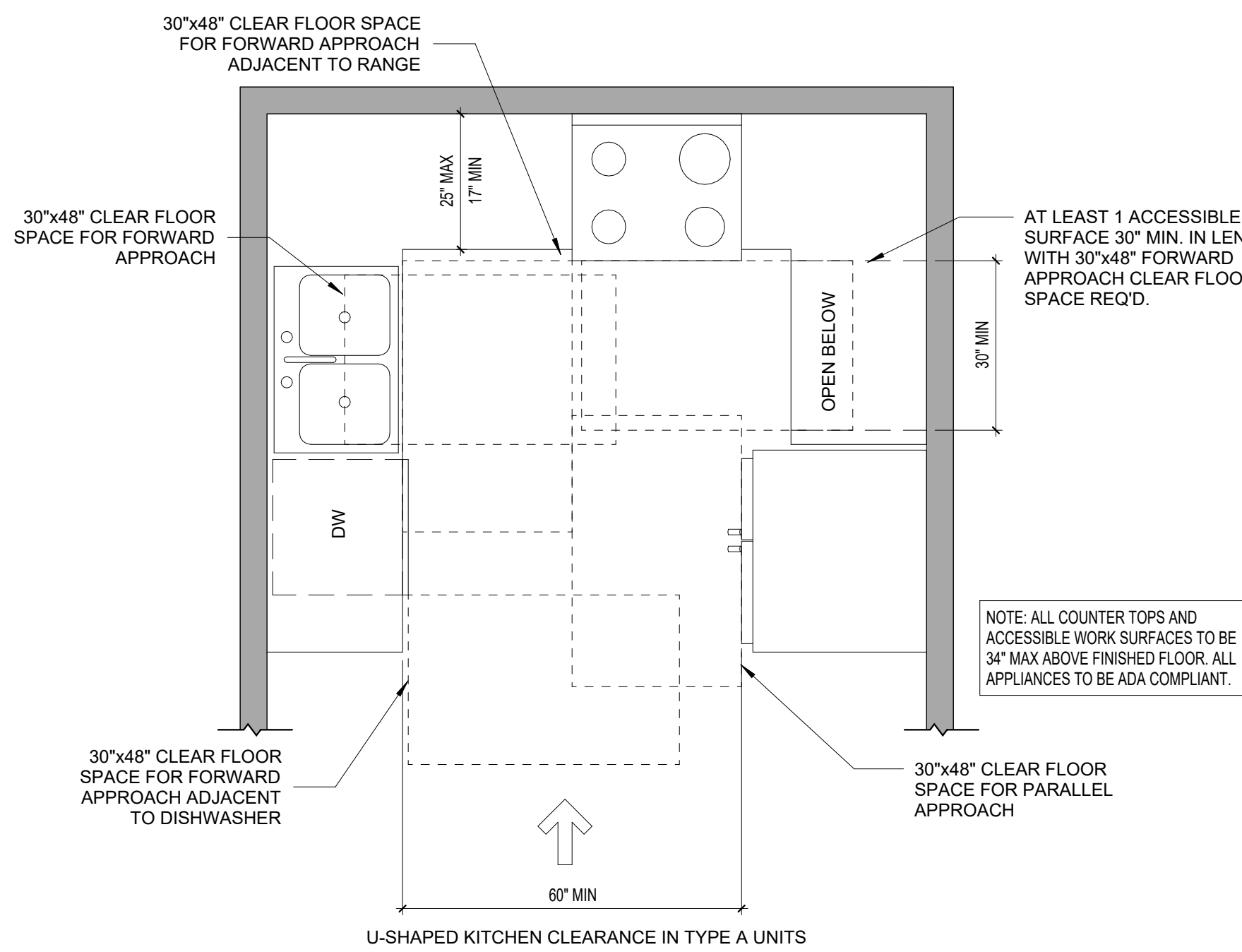
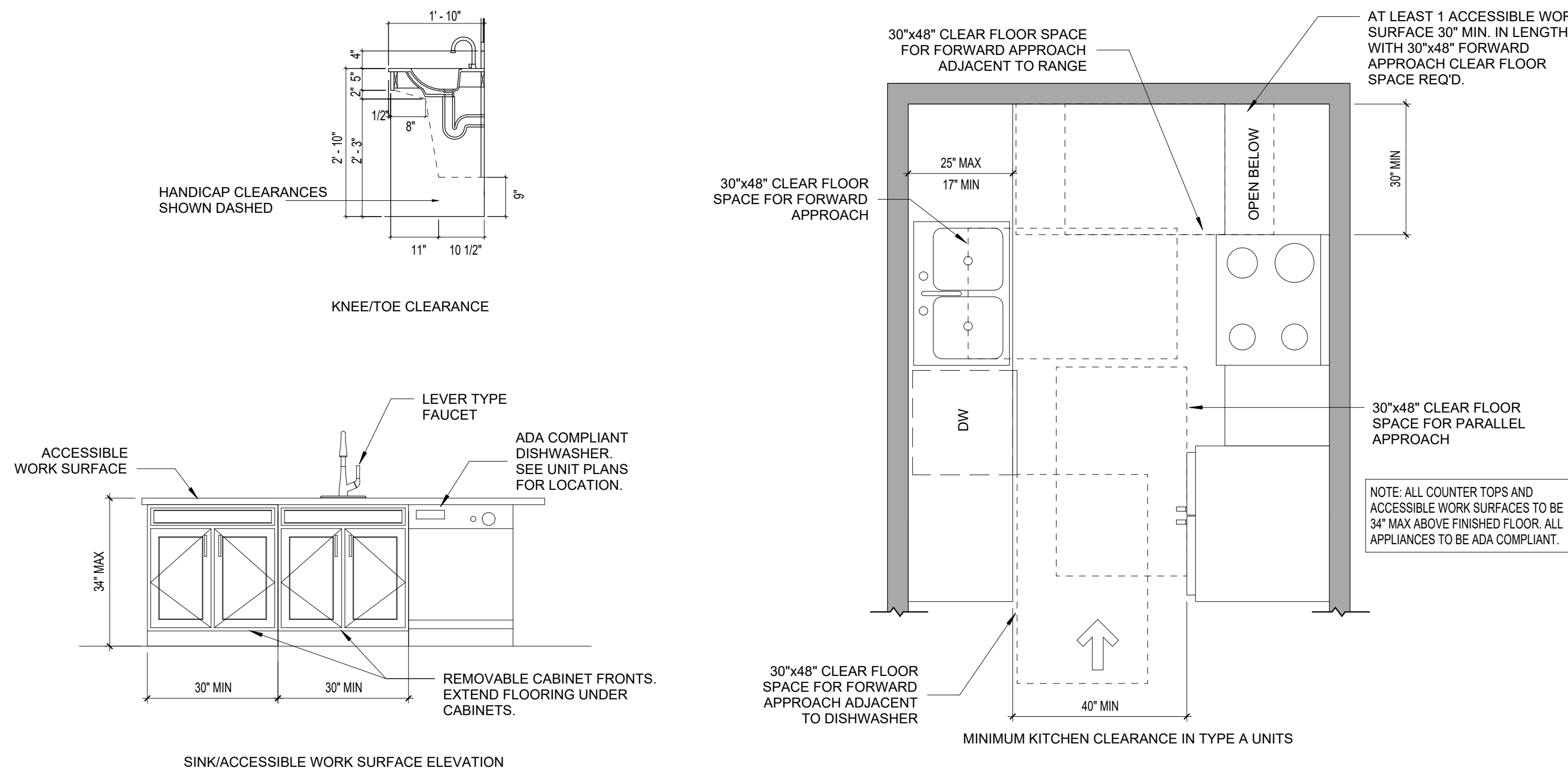
DRAWING TITLE
THIRD, FOURTH AND ROOF FLOOR PLANS - ATRIUM

DATE: January 5, 2024
DRAWING
COMM. NO. 23104.00
A1.9

DIMENSIONS ADDED AND ADJUSTED
SIGNAGE ADDED

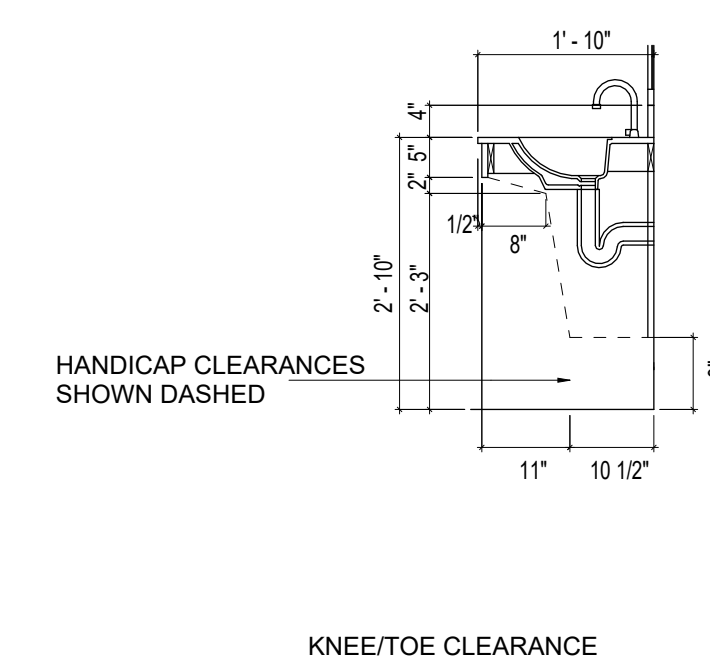
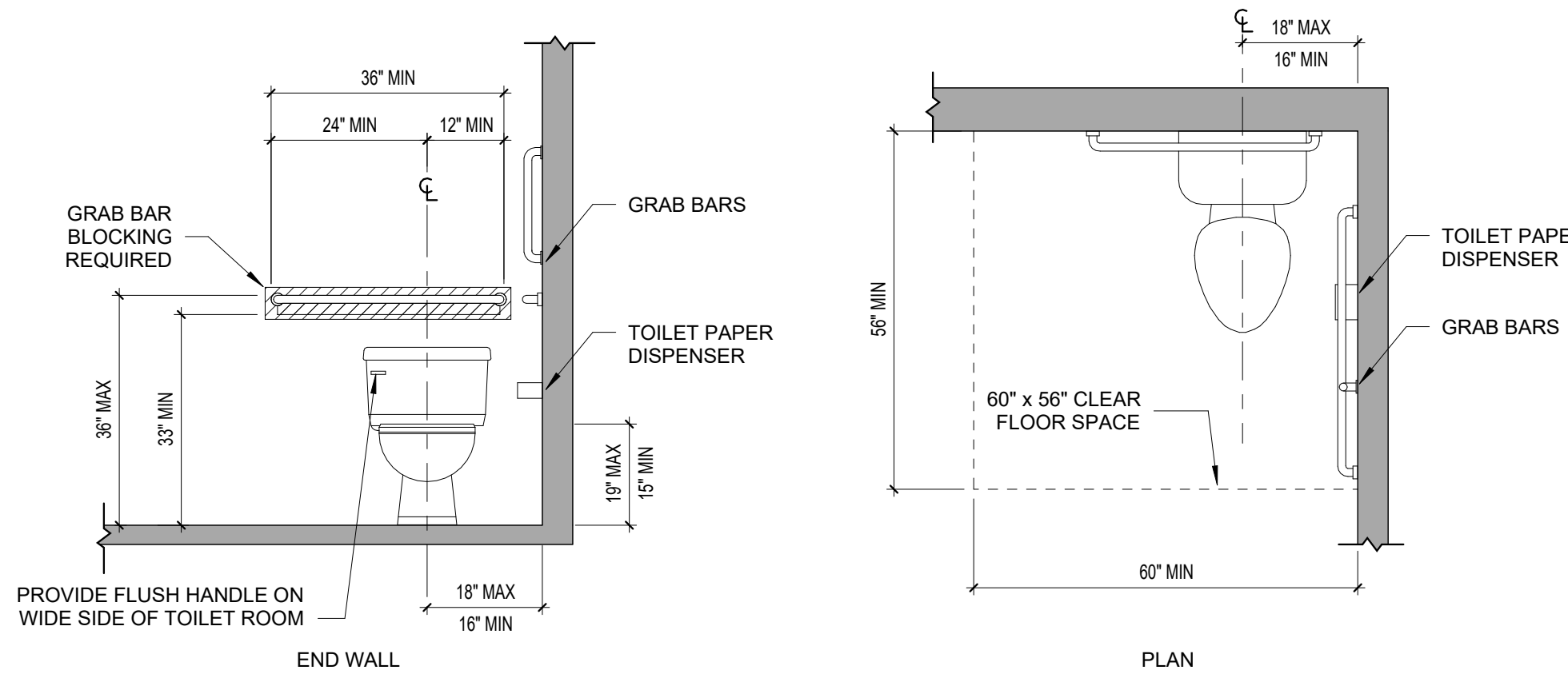
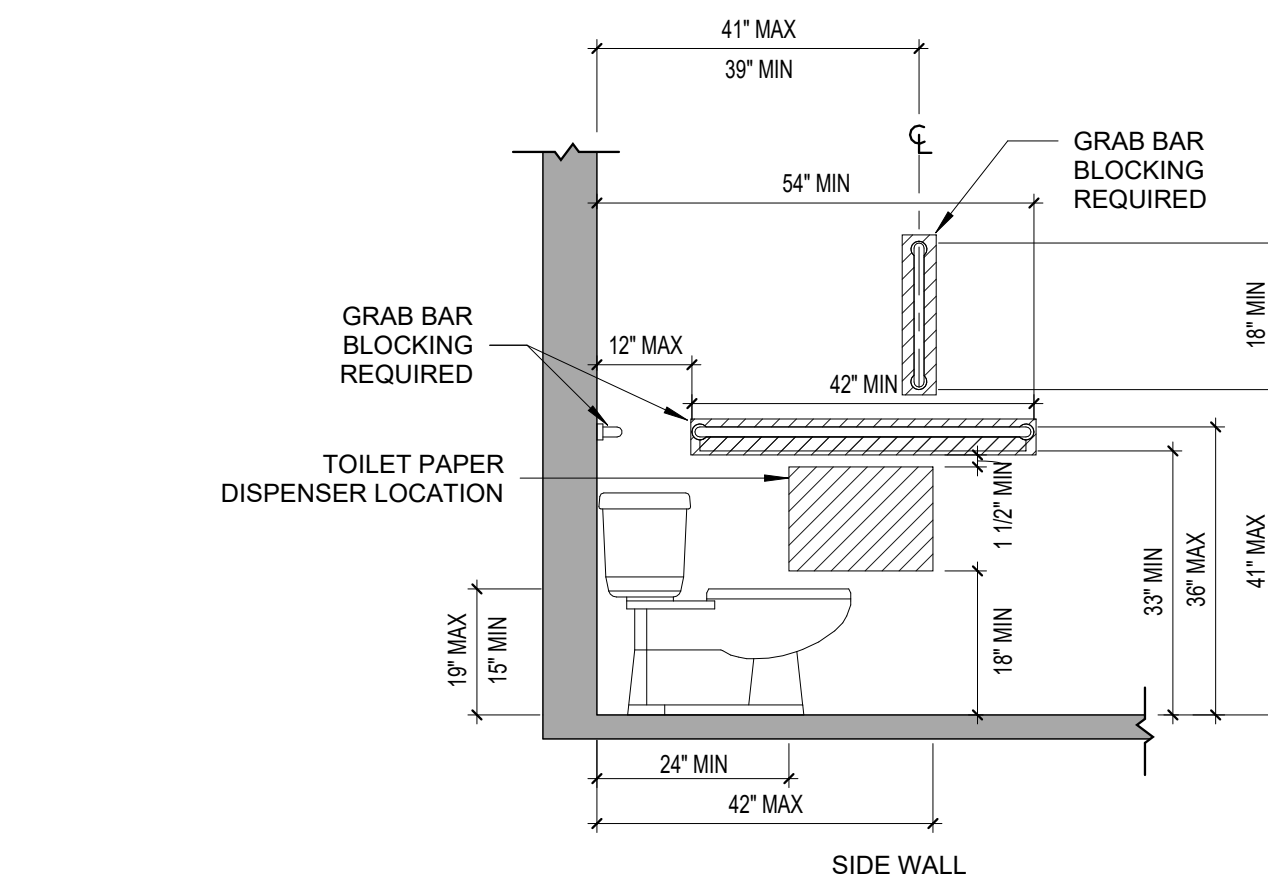
GENERAL NOTES

NOTE:
TYPE A ACCESSIBILITY DETAILS APPLY TO UNIT E123
AND E316. SEE BUILDING PLANS FOR UNIT LOCATION.



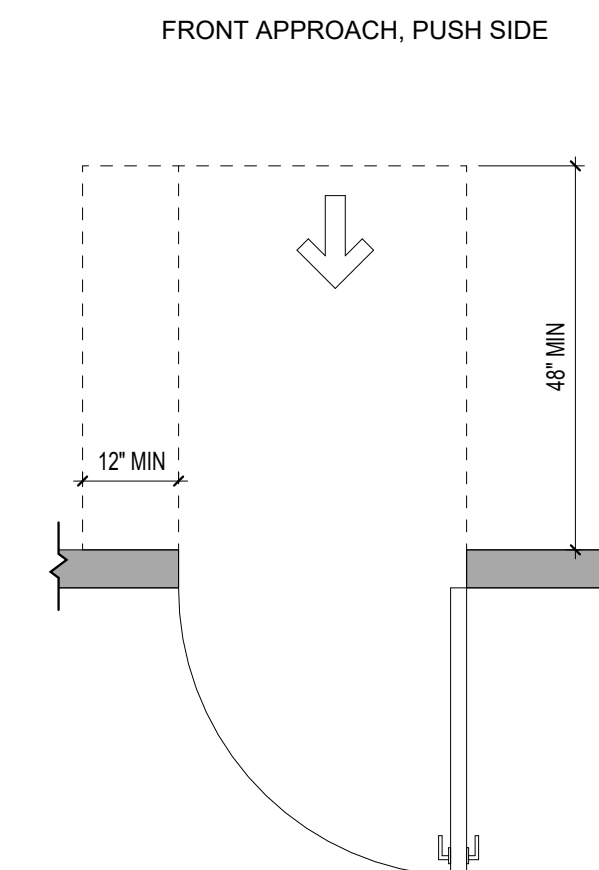
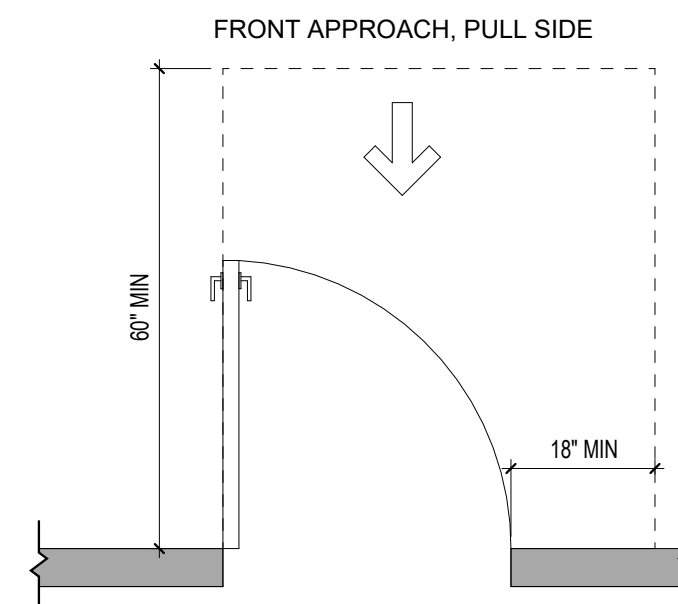
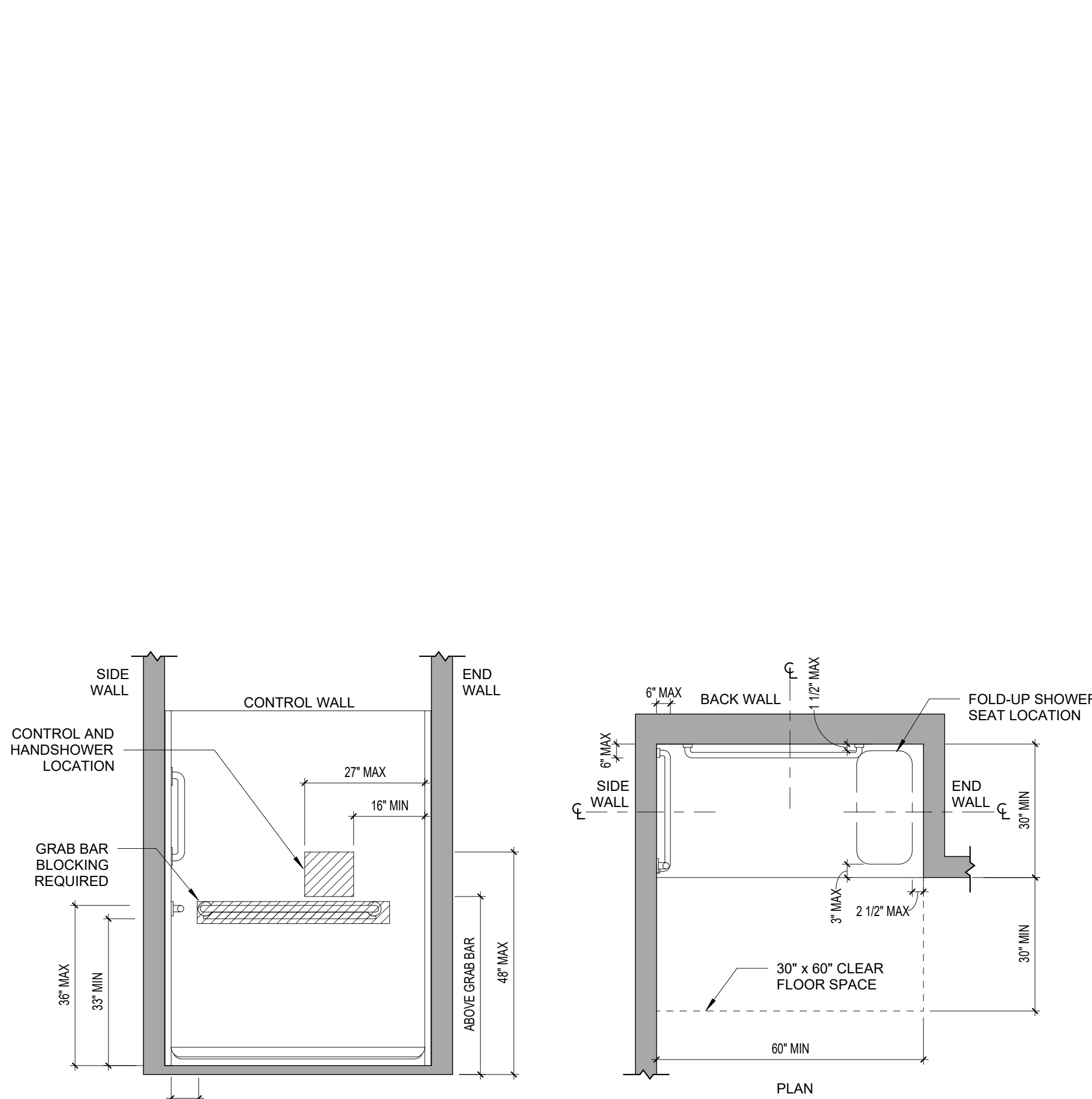
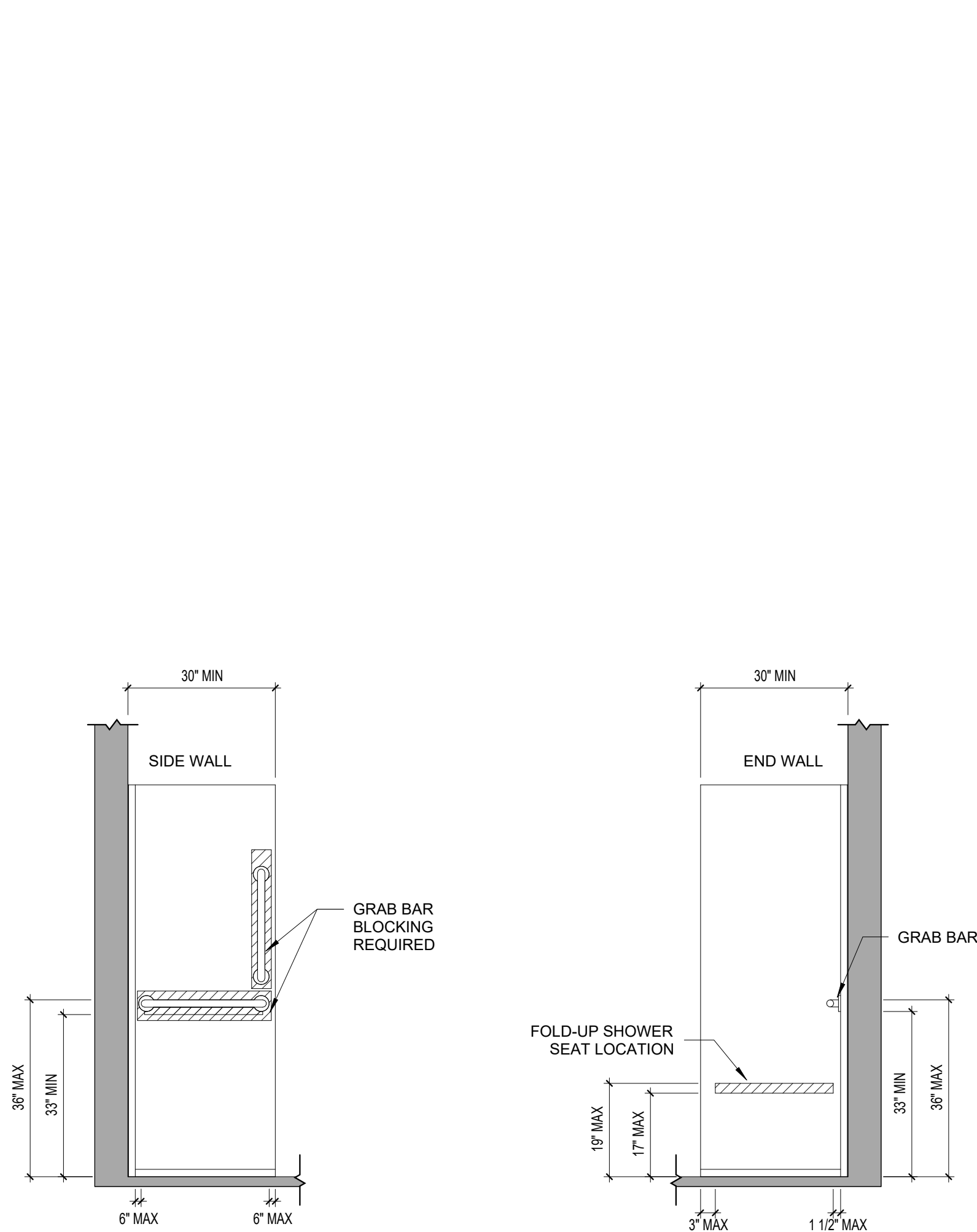
ACCESSIBLE KITCHENS (ICC/ANSI A117.1-2009)

ACCESSIBLE MOUNTING HEIGHTS (ICC/ANSI A117.1-2009)

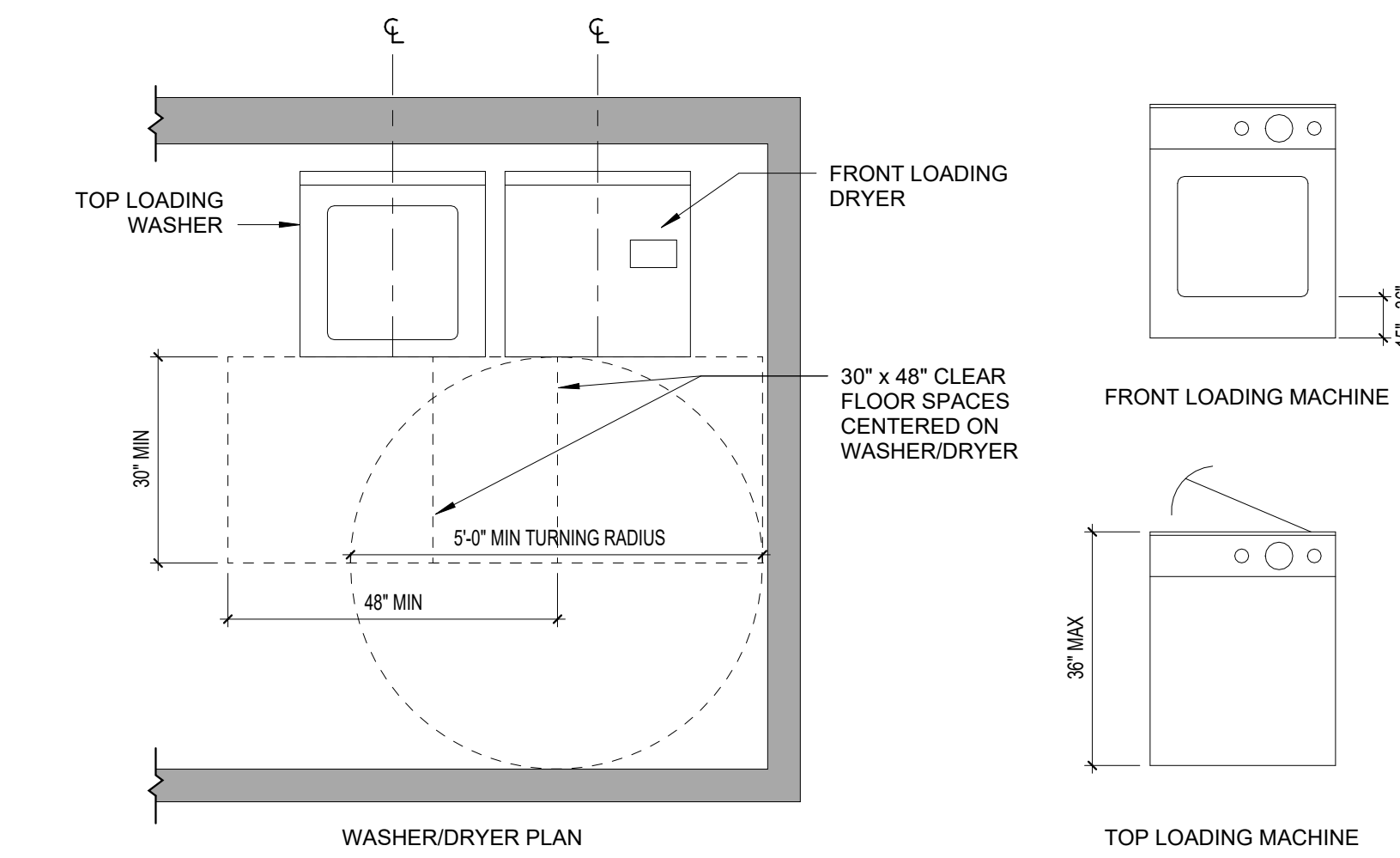
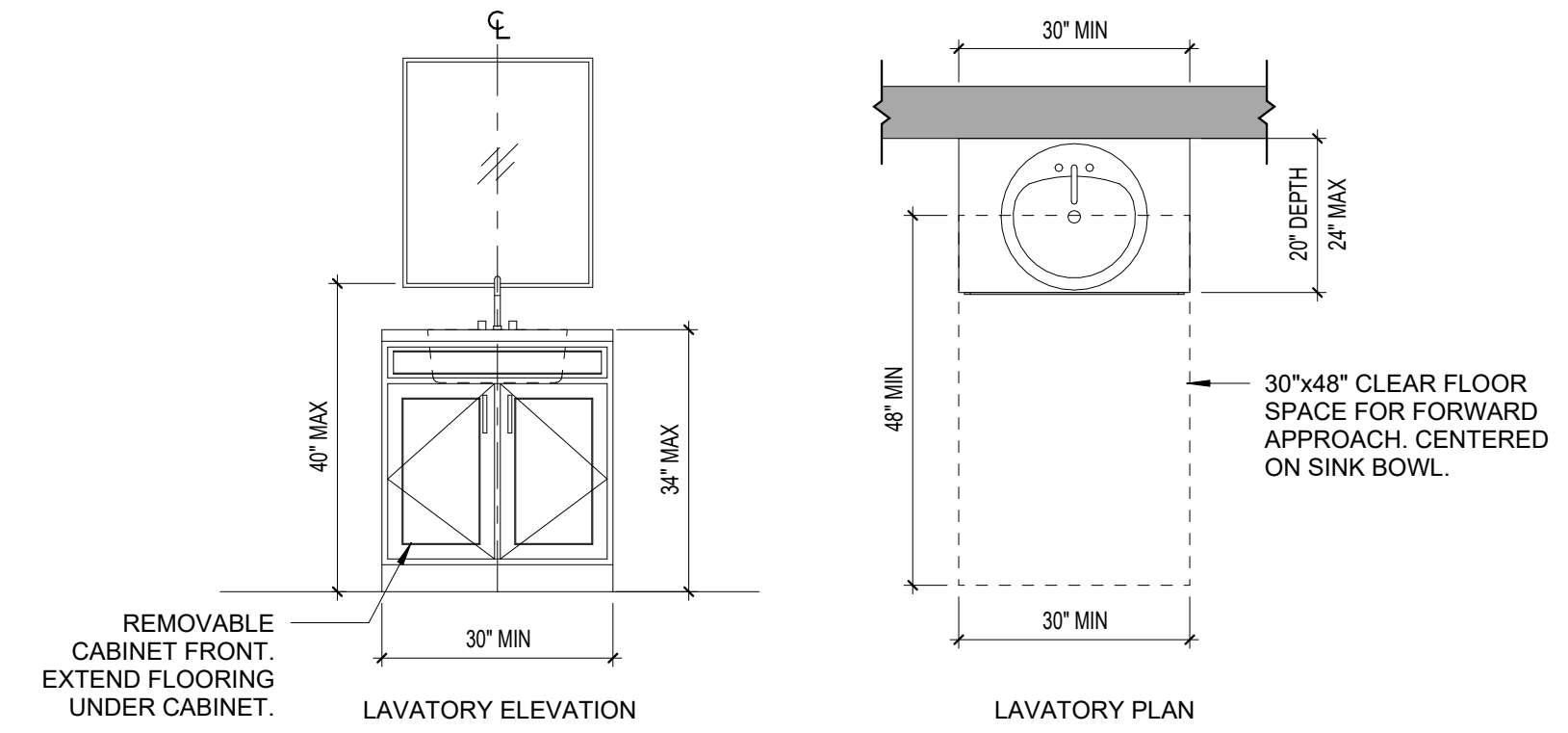


ACCESSIBLE WATER CLOSETS (ICC/ANSI A117.1-2009)

ACCESSIBLE LAVATORIES (ICC/ANSI A117.1-2009)



ACCESSIBLE ENTRANCES (ICC/ANSI A117.1-2009)



ACCESSIBLE LAUNDRY EQUIPMENT (ICC/ANSI A117.1-2009)

ACCESSIBLE SHOWERS (STANDARD ROLL-IN TYPE) (ICC/ANSI A117.1-2009)

CONSTRUCTION SET



PROJECT TITLE



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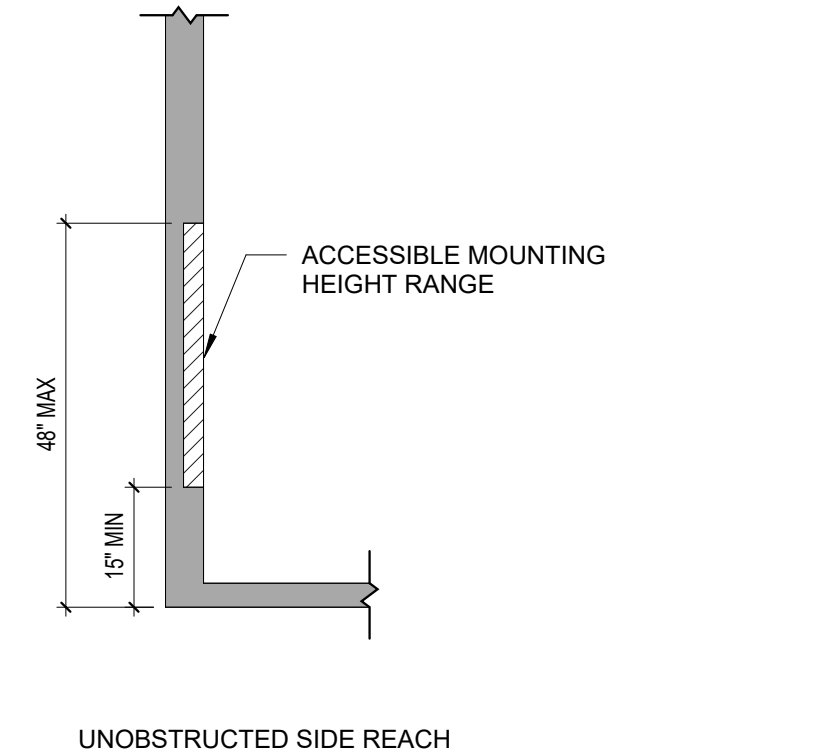
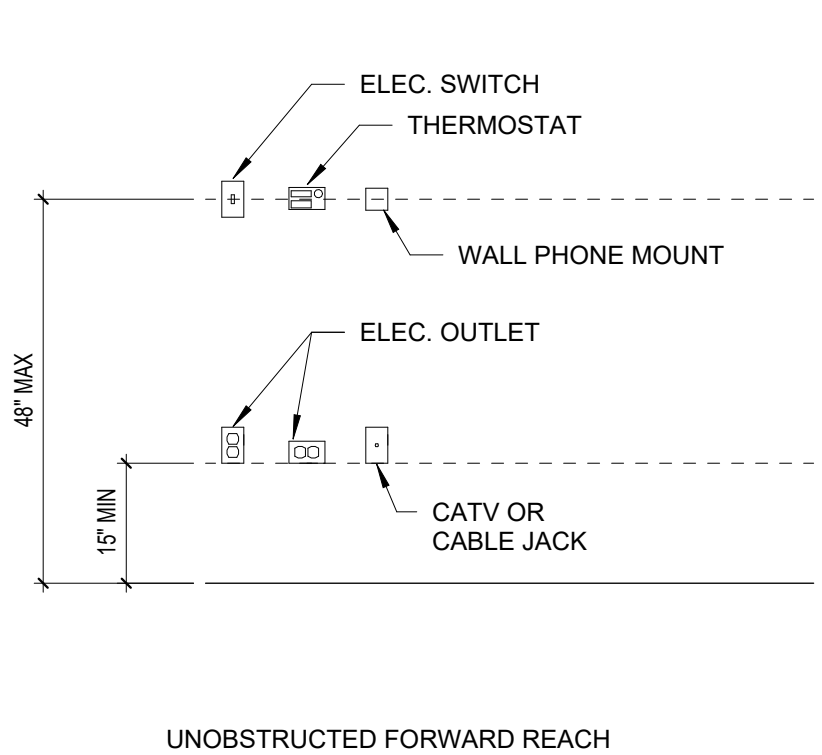
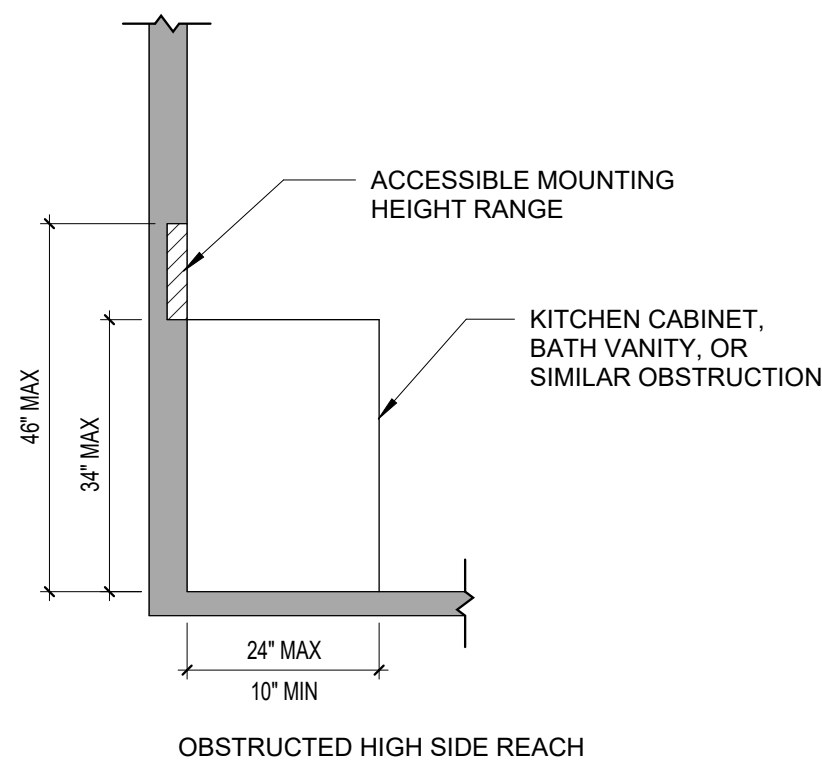
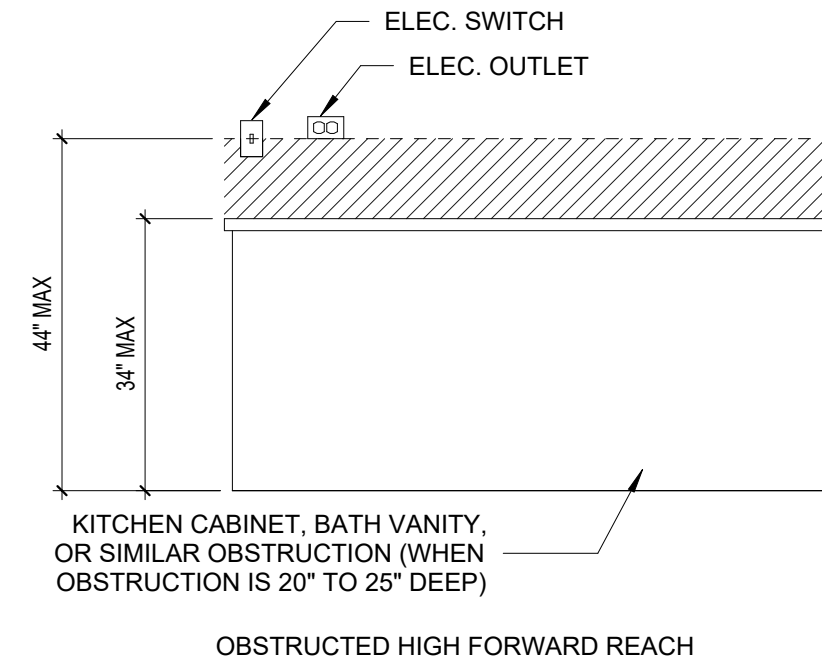
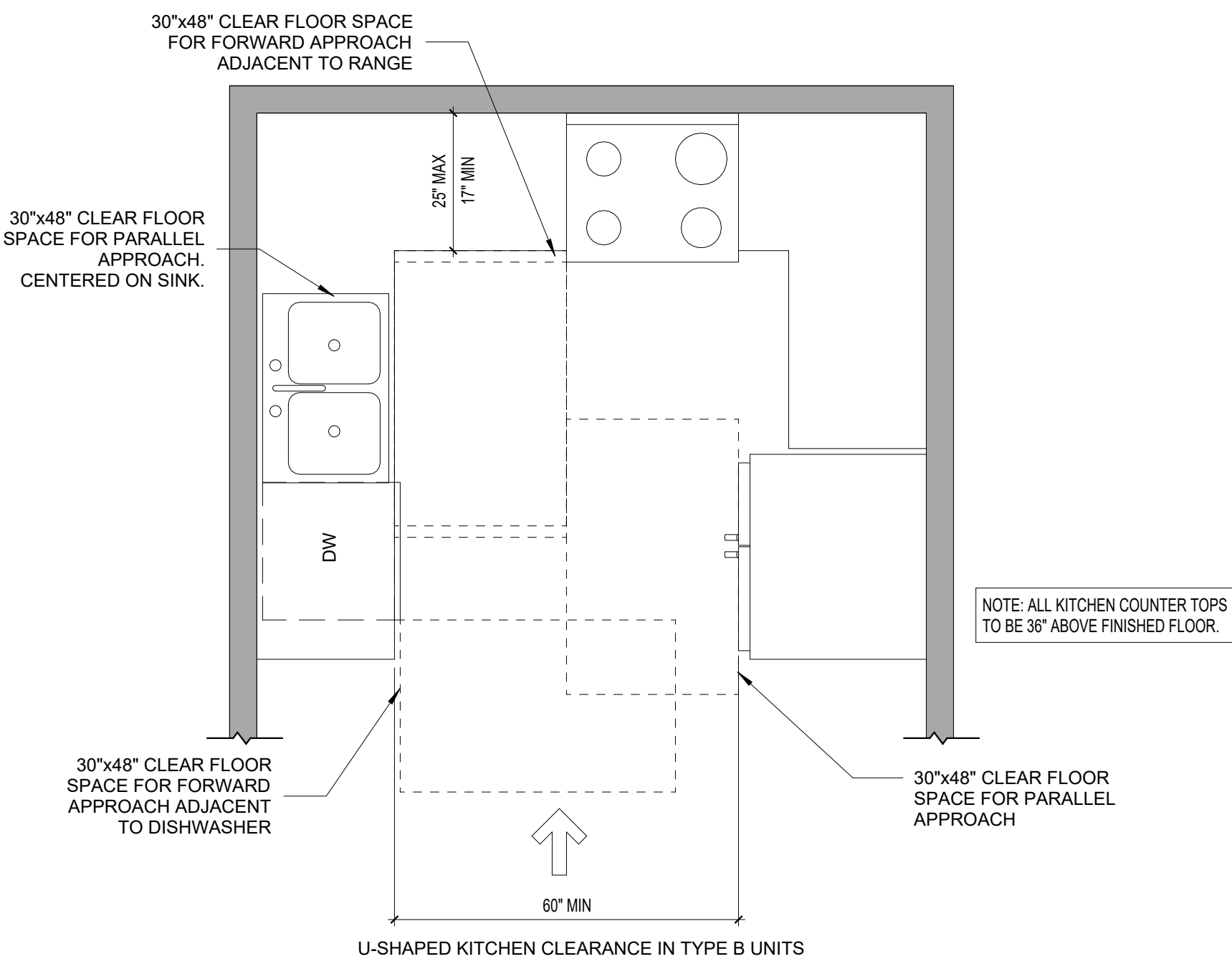
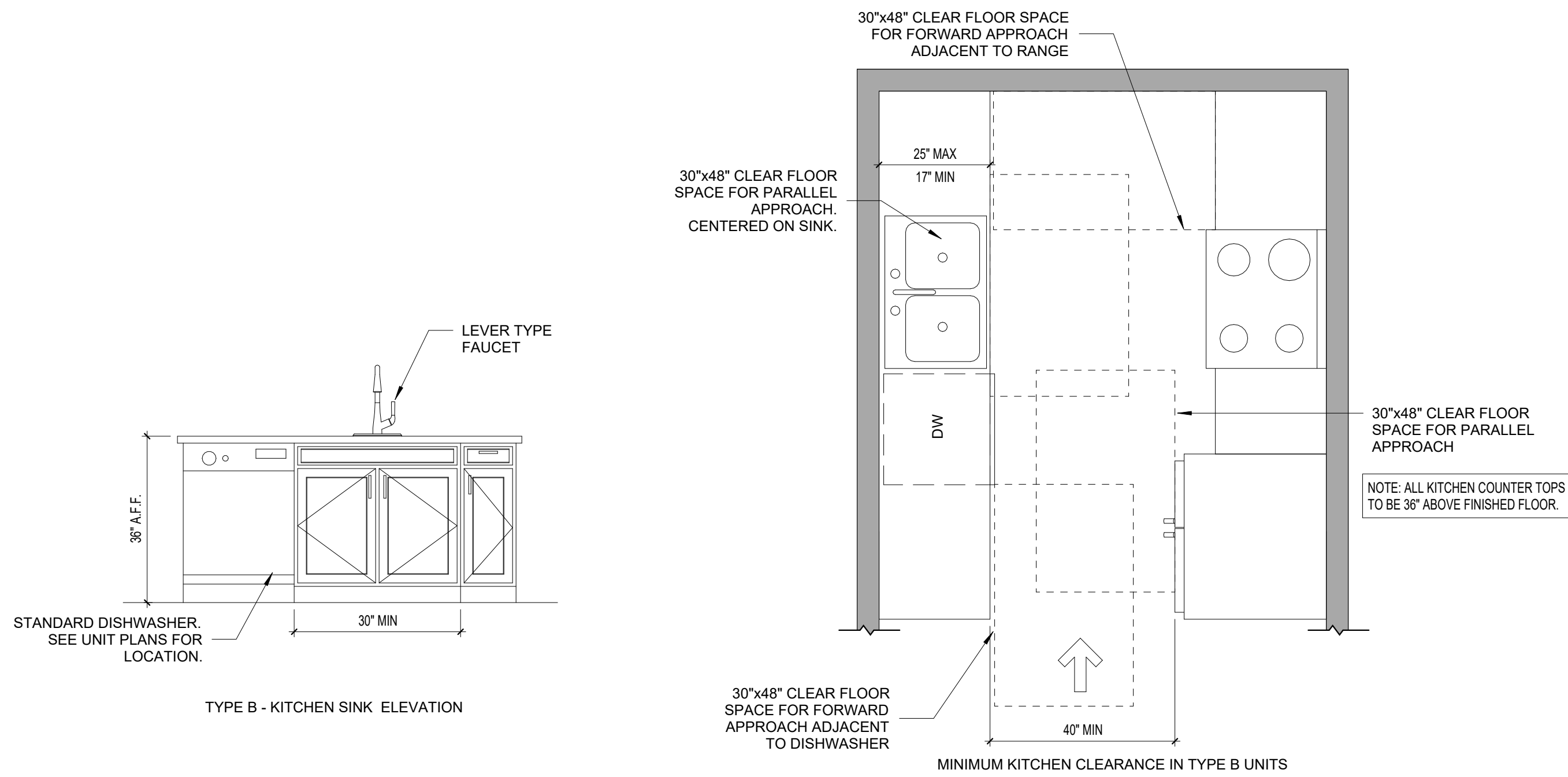
DESIGNER : DAS	DRAWN : DAS
ARCHITECT : DAS	CHECKED : AAT
ENGINEER : CRJ	APPROVED : CRJ
NO.	REVISION DESCRIPTION
	DATE

DRAWING TITLE
ANSI TYPE A UNIT
ACCESSIBILITY DETAILS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A2.1

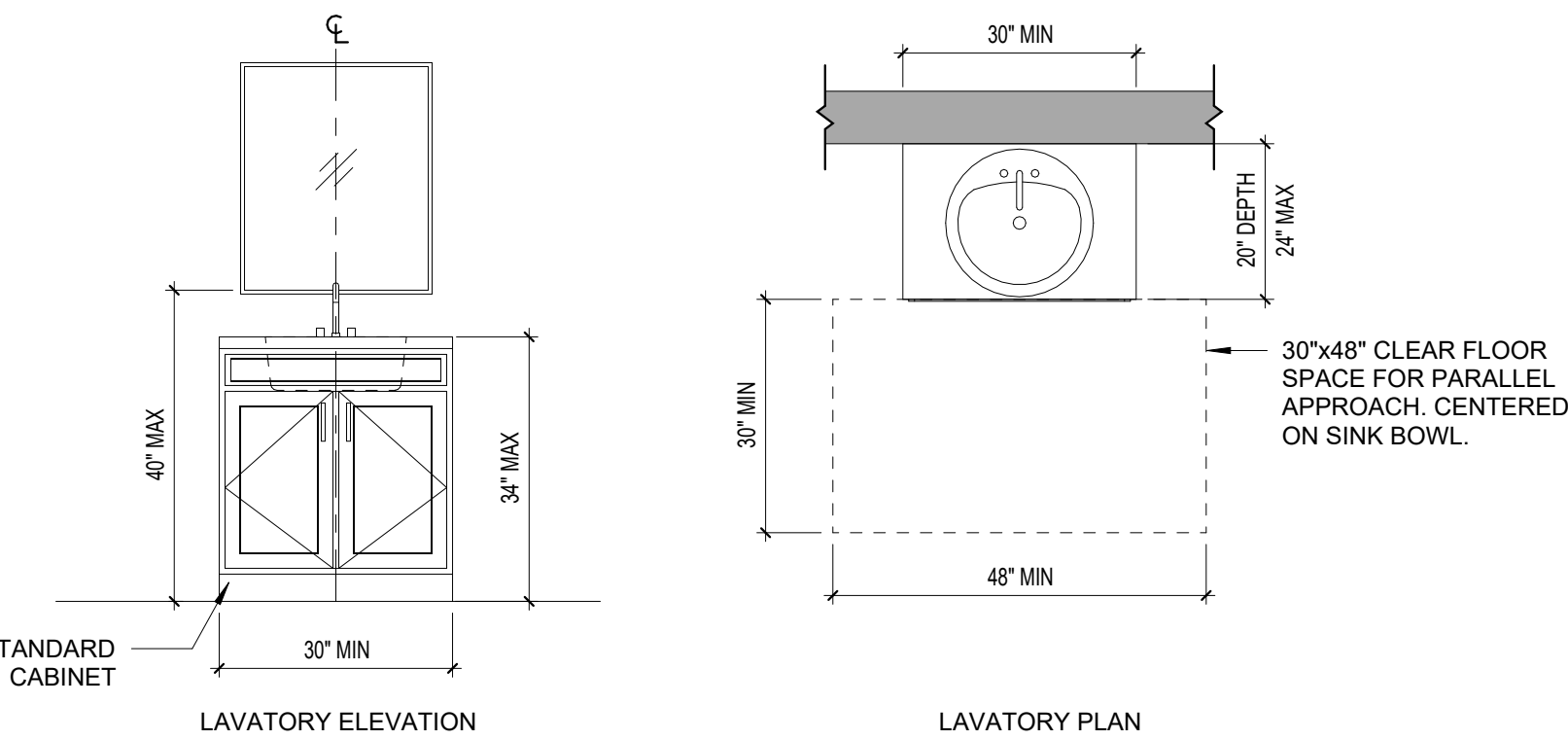
GENERAL NOTES

NOTE:
TYPE B ACCESSIBILITY DETAILS APPLY TO ALL
RESIDENT UNITS, BESIDES TYPE A ACCESSIBLE UNITS.
SEE BUILDING PLANS FOR UNIT LOCATION.



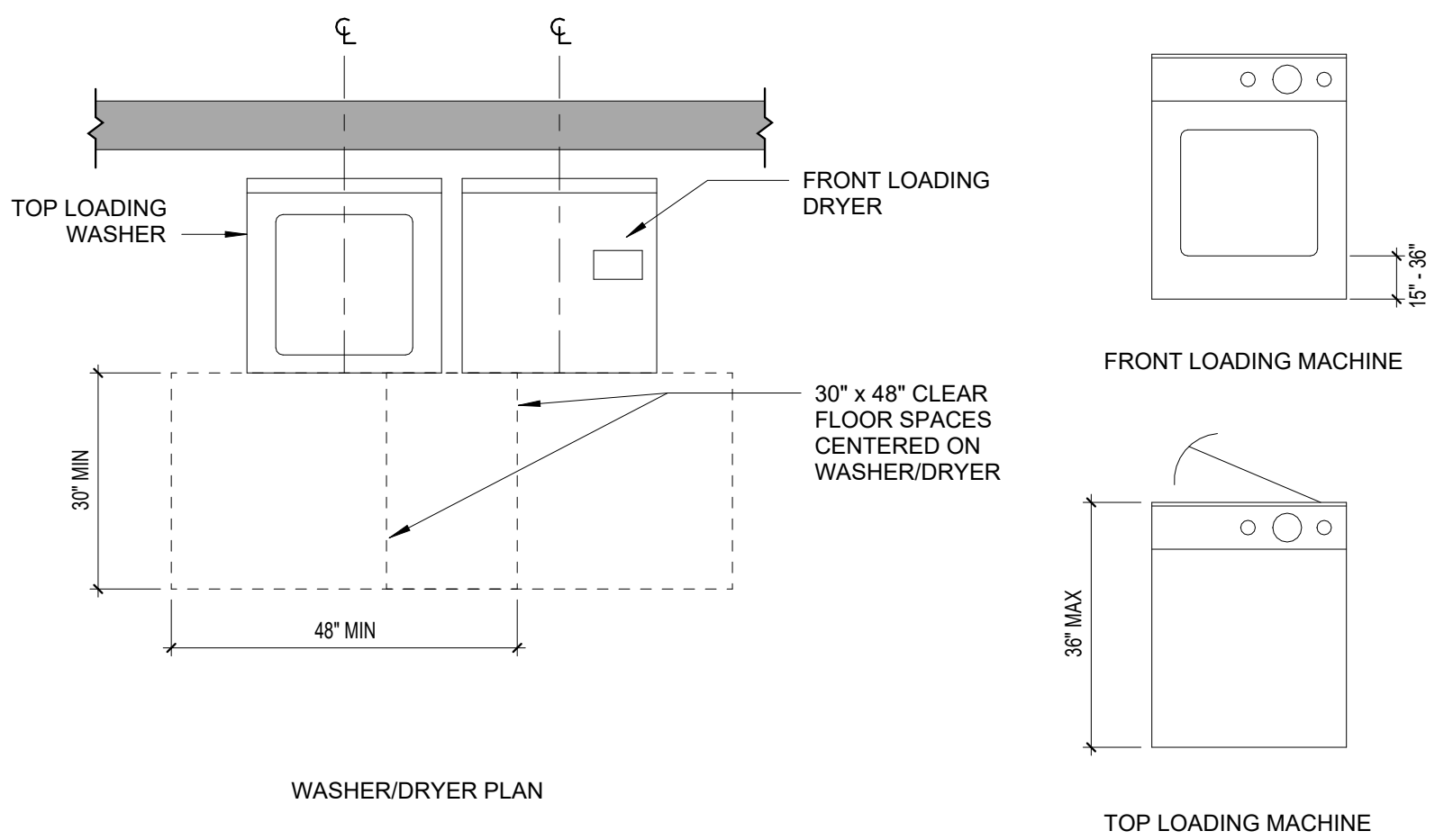
ACCESSIBLE MOUNTING HEIGHTS
(ICC/ANSI A117.1-2009) - TYPE B

1/2" = 1'-0"



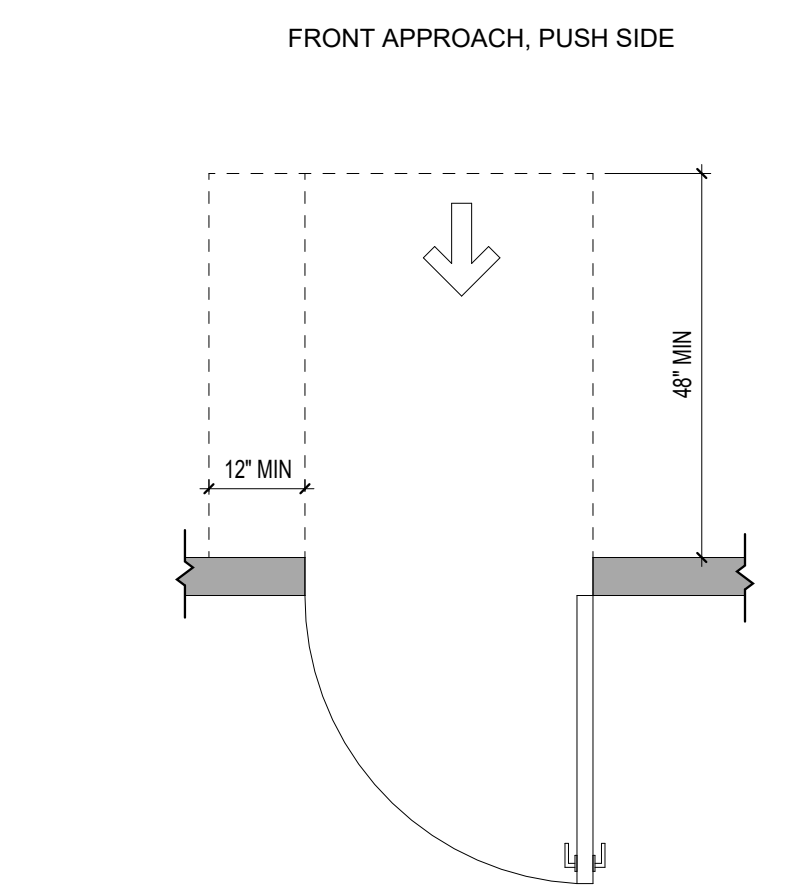
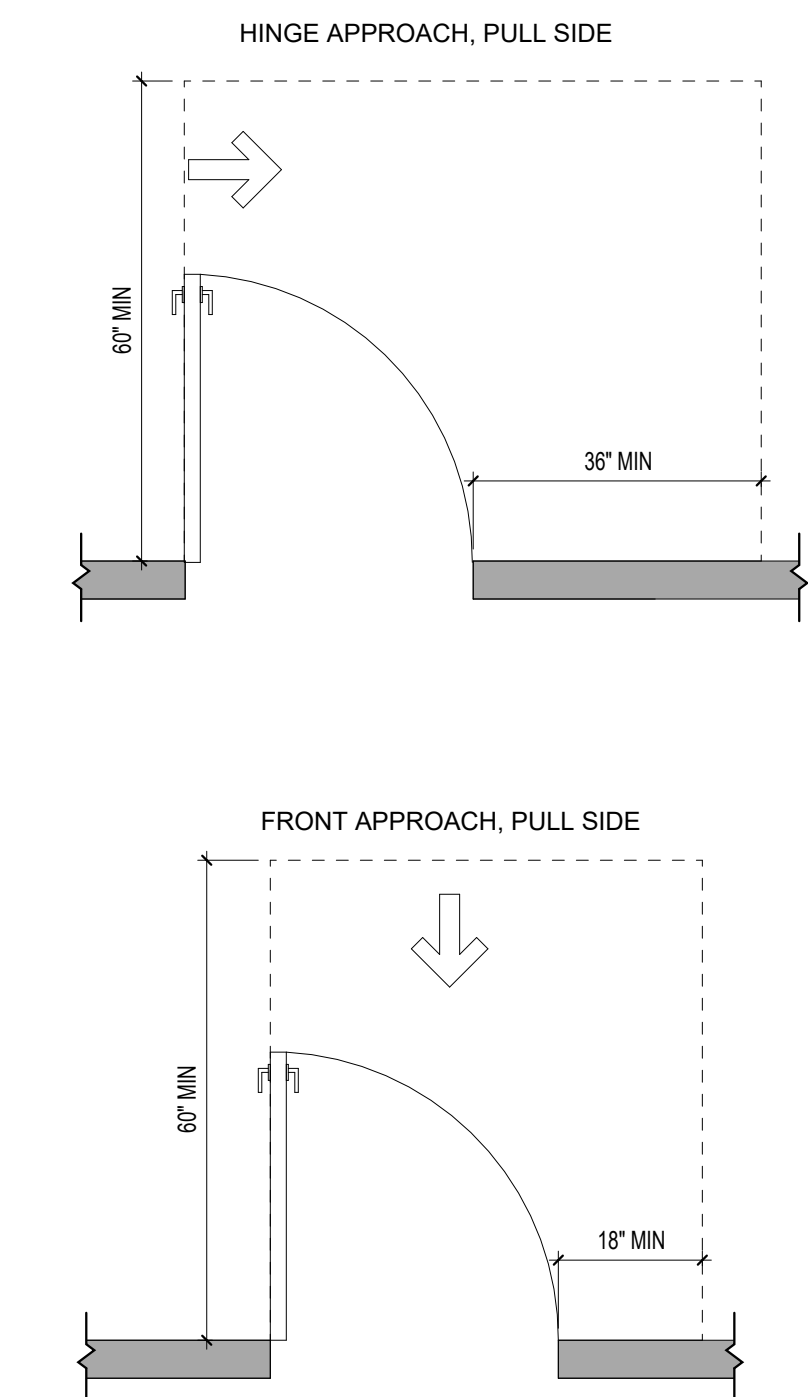
ACCESSIBLE LAVATORIES (ICC/ANSI A117.1-2009) - TYPE B

1/2" = 1'-0"



ACCESSIBLE LAUNDRY EQUIPMENT
(ICC/ANSI A117.1-2009) - TYPE B

1/2" = 1'-0"

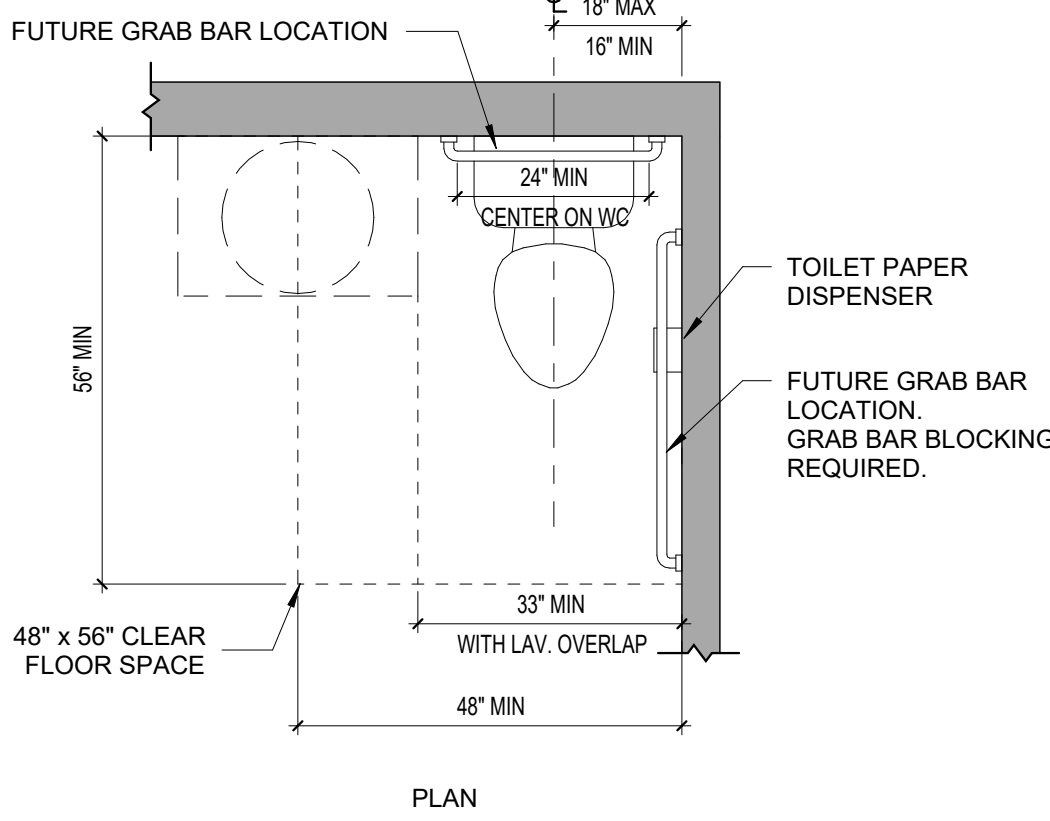
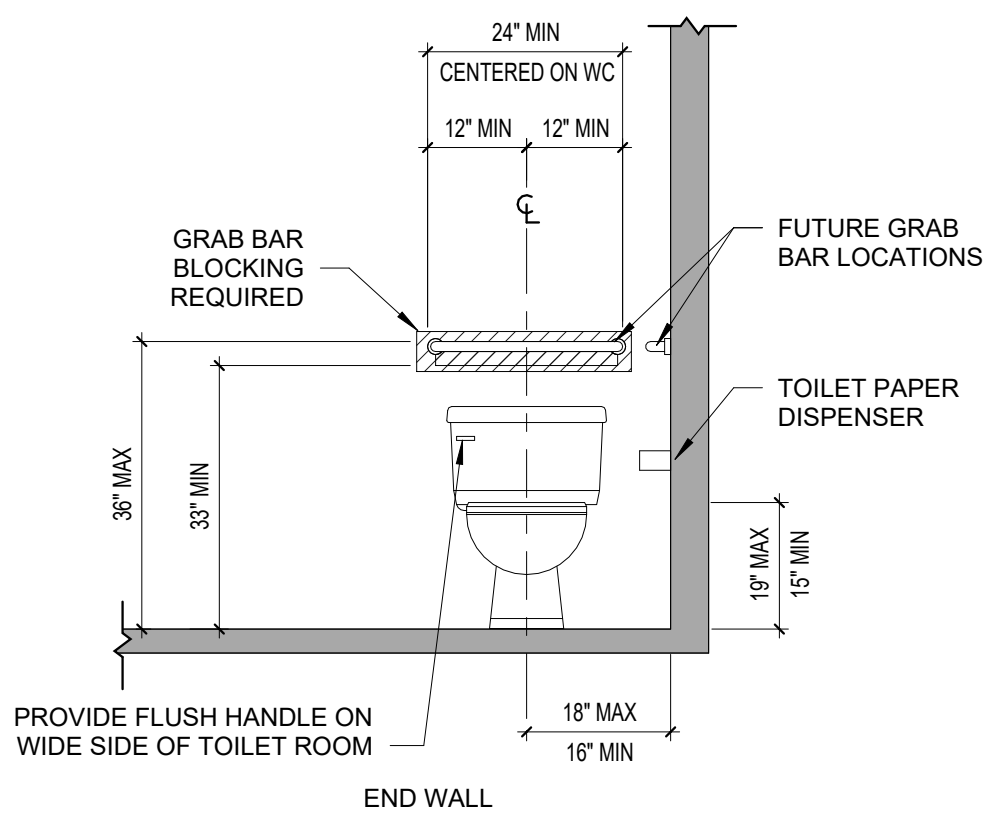
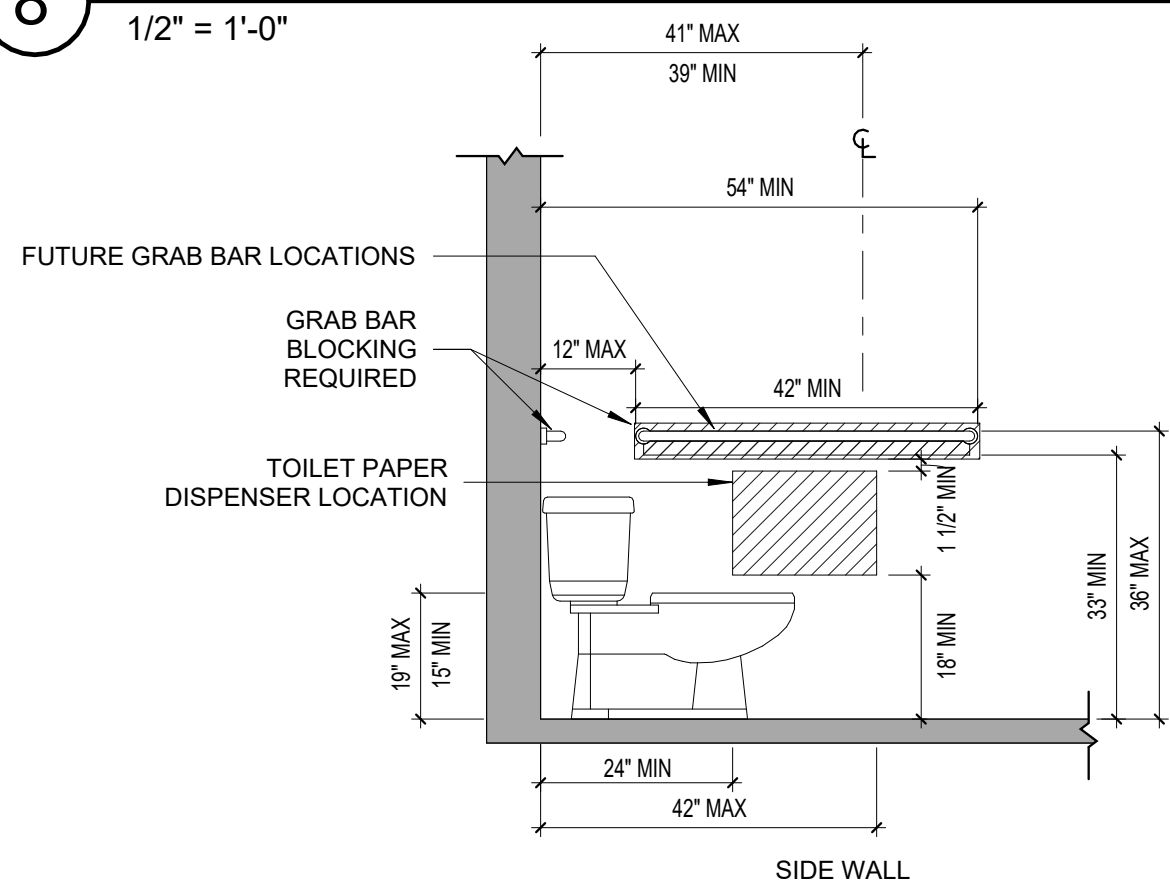


ACCESSIBLE ENTRANCES - TYPE B

1/2" = 1'-0"

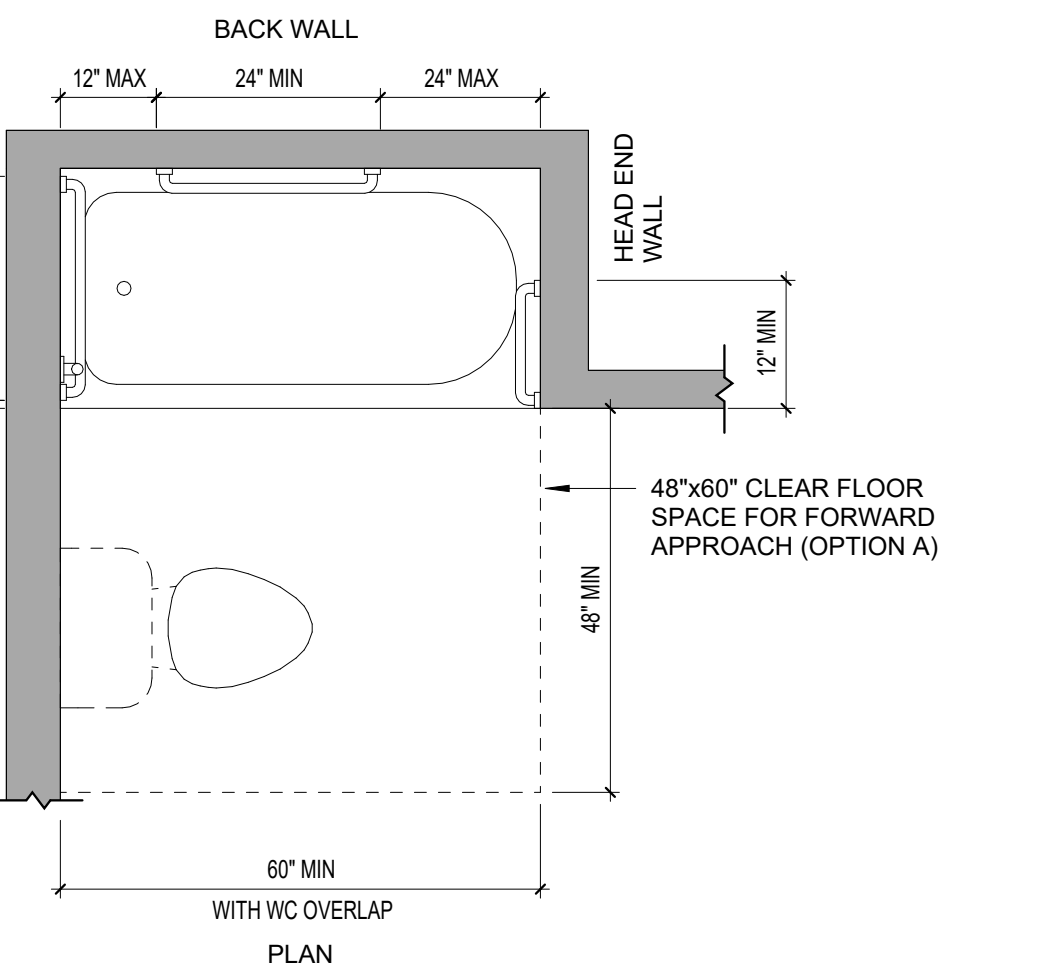
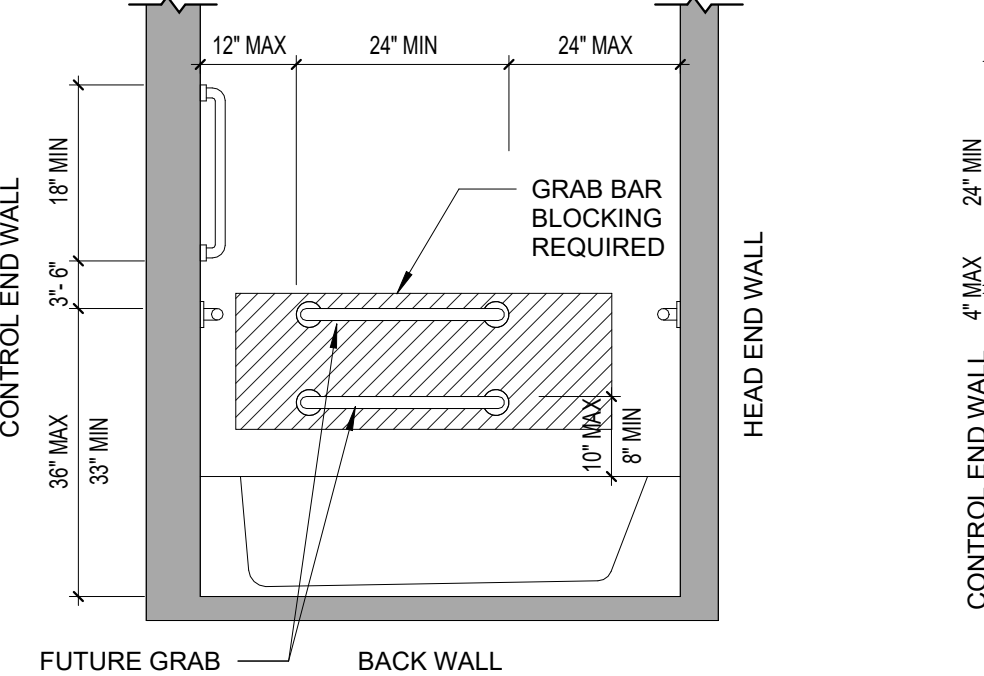
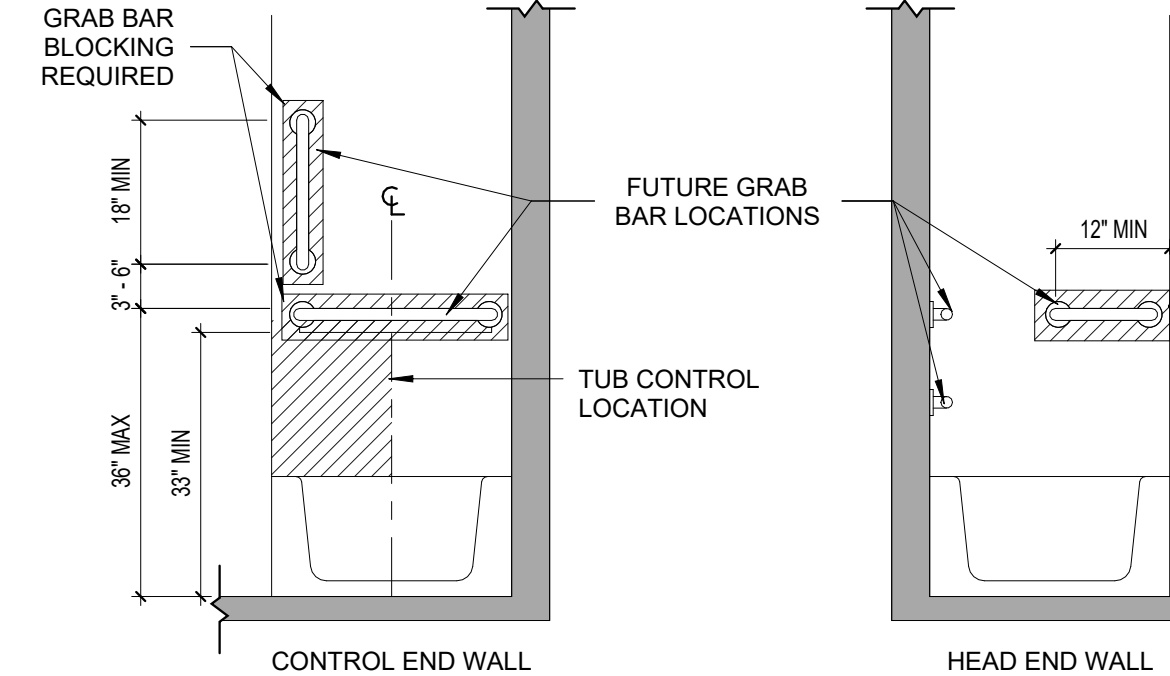
ACCESSIBLE KITCHENS (ICC/ANSI A117.1-2009) - TYPE B

1/2" = 1'-0"



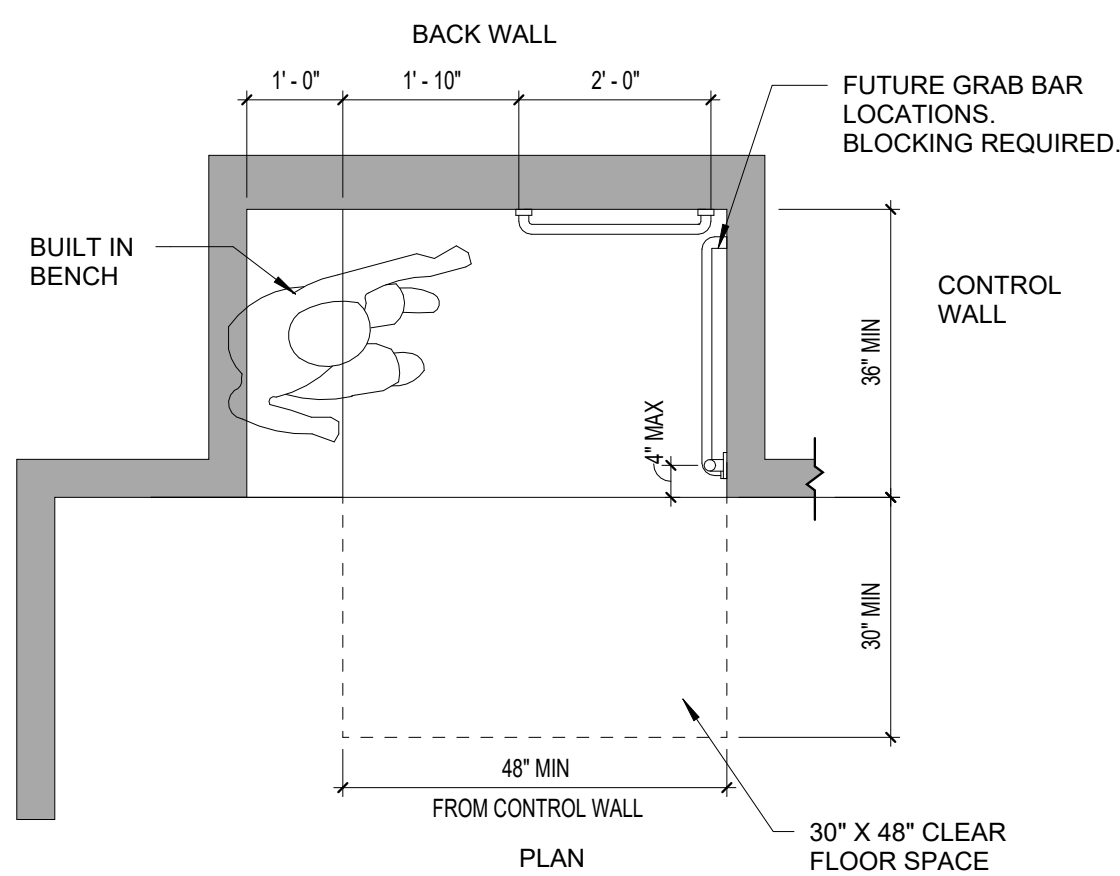
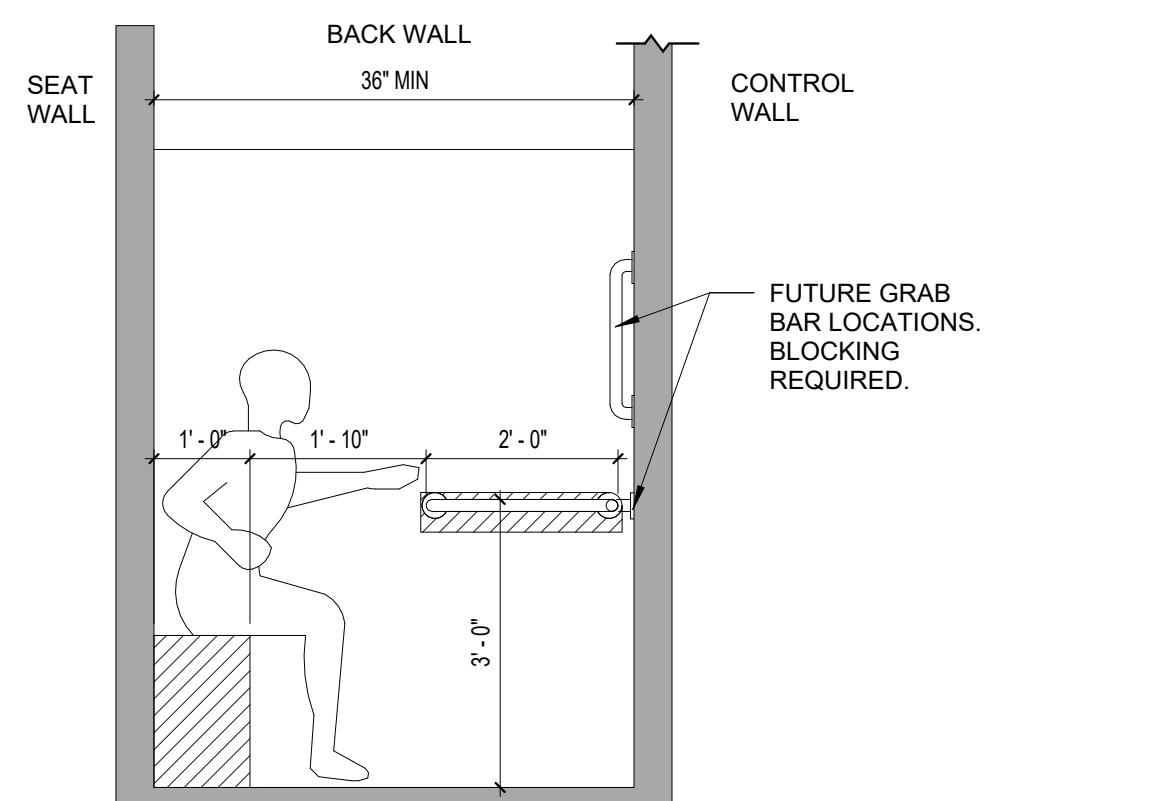
ACCESSIBLE WATER CLOSETS
(ICC/ANSI A117.1-2009) - TYPE B

1/2" = 1'-0"



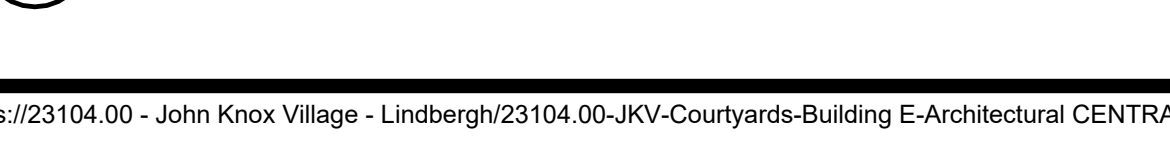
ACCESSIBLE BATHTUBS W/O PERMANENT SEAT (ICC/ANSI A117.1-2009) - TYPE B

1/2" = 1'-0"



ACCESSIBLE TRANSFER TYPE SHOWER COMPARTMENT (ICC/ANSI A117.1-2009) - TYPE B

1/2" = 1'-0"



CONSTRUCTION SET



PROJECT TITLE



COURTYARDS - BUILDING E

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Interiors

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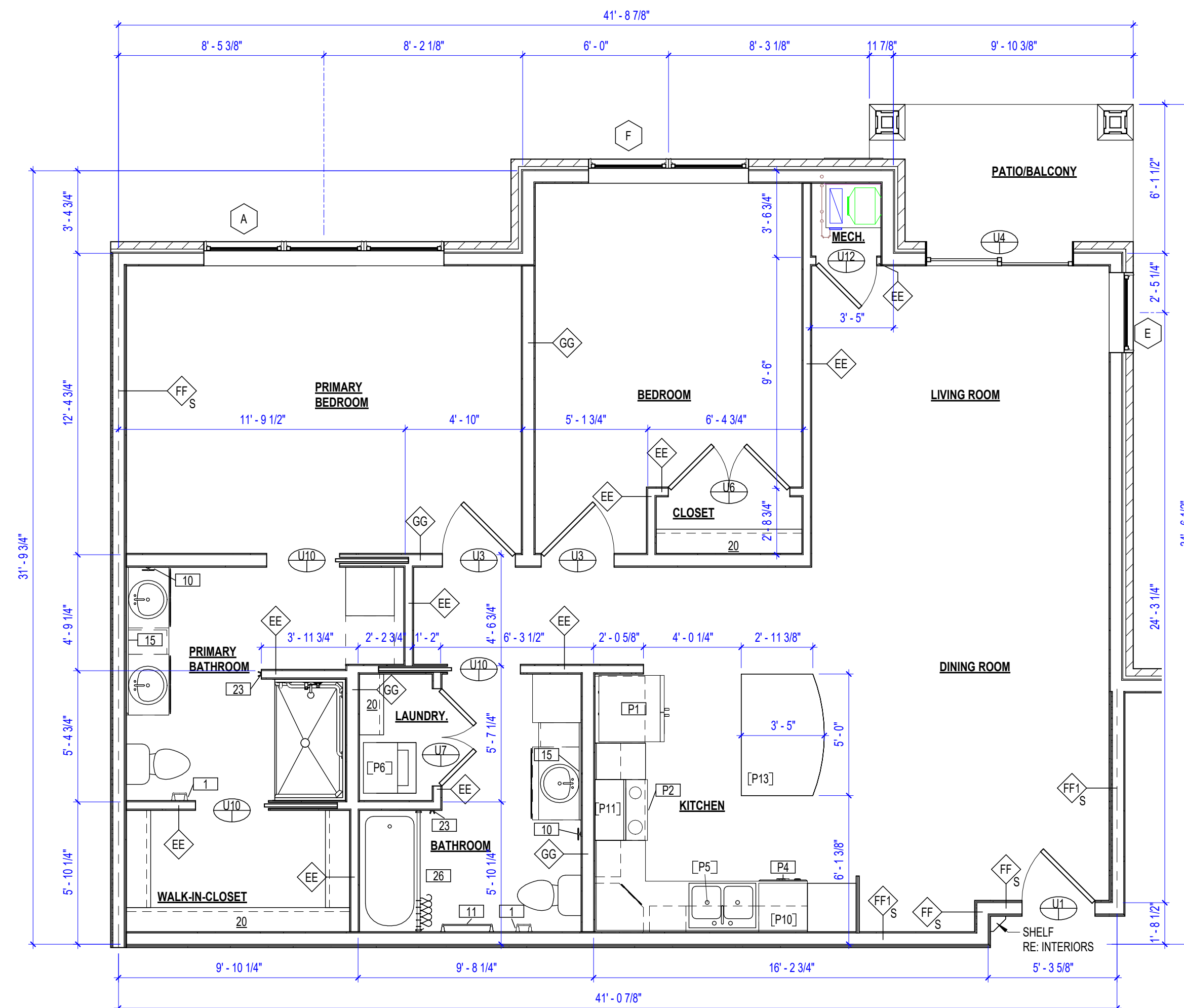
DESIGNER : DAS	DRAWN : DAS
ARCHITECT : DAS	CHECKED : AAT
ENGINEER : CRJ	APPROVED : CRJ
NO.	REVISION DESCRIPTION

DRAWING TITLE
ANSI TYPE B UNIT
ACCESSIBILITY DETAILS

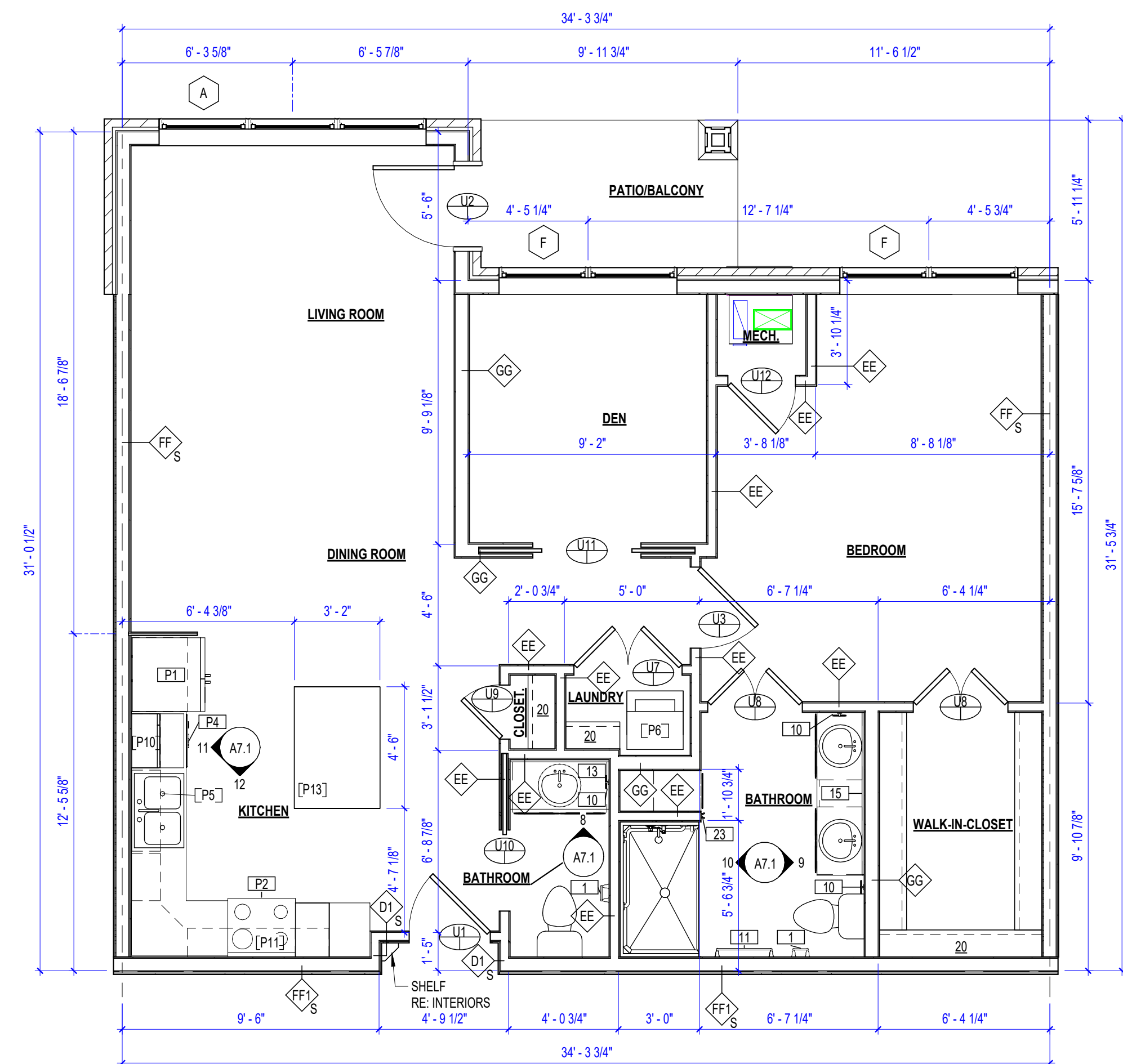
DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A2.2

GENERAL NOTES

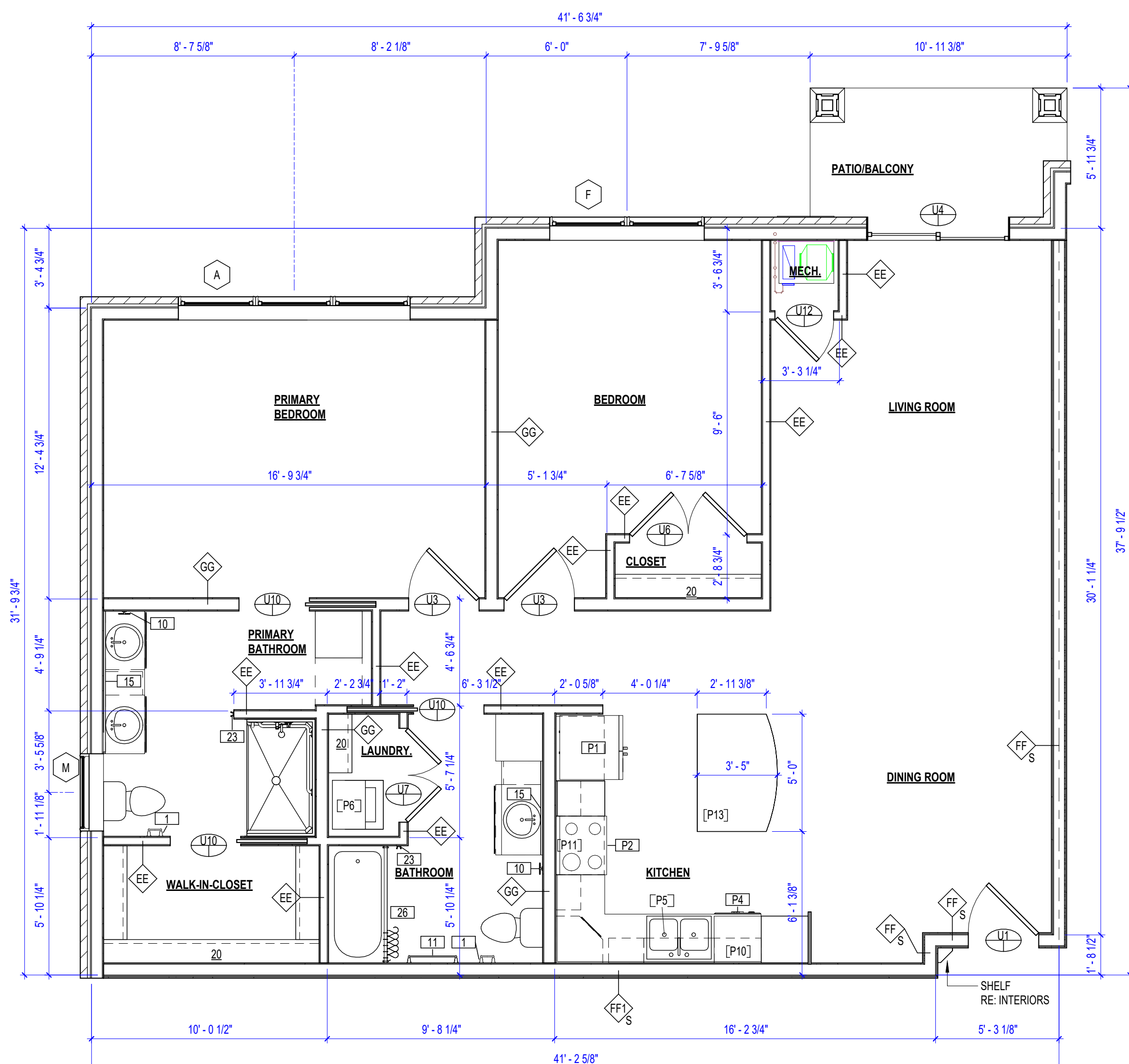
- ALL RESIDENT ROOMS SHALL COMPLY WITH ANSI TYPE B ACCESSIBILITY STANDARDS FOR ACCESSIBLE UNITS. SEE A2.2 FOR ACCESSIBILITY DETAILS.
UNIT B 123 AND C 316 SHALL ALSO COMPLY WITH ANSI TYPE A ACCESSIBILITY STANDARDS FOR ACCESSIBLE UNITS - SEE SHEET A2.1 FOR ACCESSIBILITY DETAILS.
- ALL UNITS TO CONTAIN THE FOLLOWING TOILET ACCESSORIES: (1) 24" TOWEL BAR, 1 TOILET PAPER HOLDER, 1 TOWEL RING, 1 ROBE HOOK.
- INSTALL ALL GRAB BAR BLOCKING AT TIME OF CONSTRUCTION. GRAB BARS TO BE INSTALLED AT RESIDENT REQUEST. TYP. INSTALL MASTER SHOWER 18" VERTICAL GRAB BARS AND WRAP AROUND GRAB BARS AT TIME OF CONSTRUCTION.
- ALL UNDIMENSIONED DOORS TO BE CENTERED OR 4" OFF SIDE WALL.
- ALL UNDESIGNATED DIMENSIONED WALLS TO BE 3 1/2" WOOD STUD.
- SEE ELECTRICAL DRAWINGS FOR ELECTRICAL LAYOUTS.
- REFER TO INTERIOR FINISH PLANS & LEGEND FOR ALL UNIT INTERIORS.
- DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE NOTED.
- CORRIDOR WALLS AT UNIT AND DEMISING WALLS BETWEEN UNITS SHALL BE TREATED AS SOUND RATED WALLS.



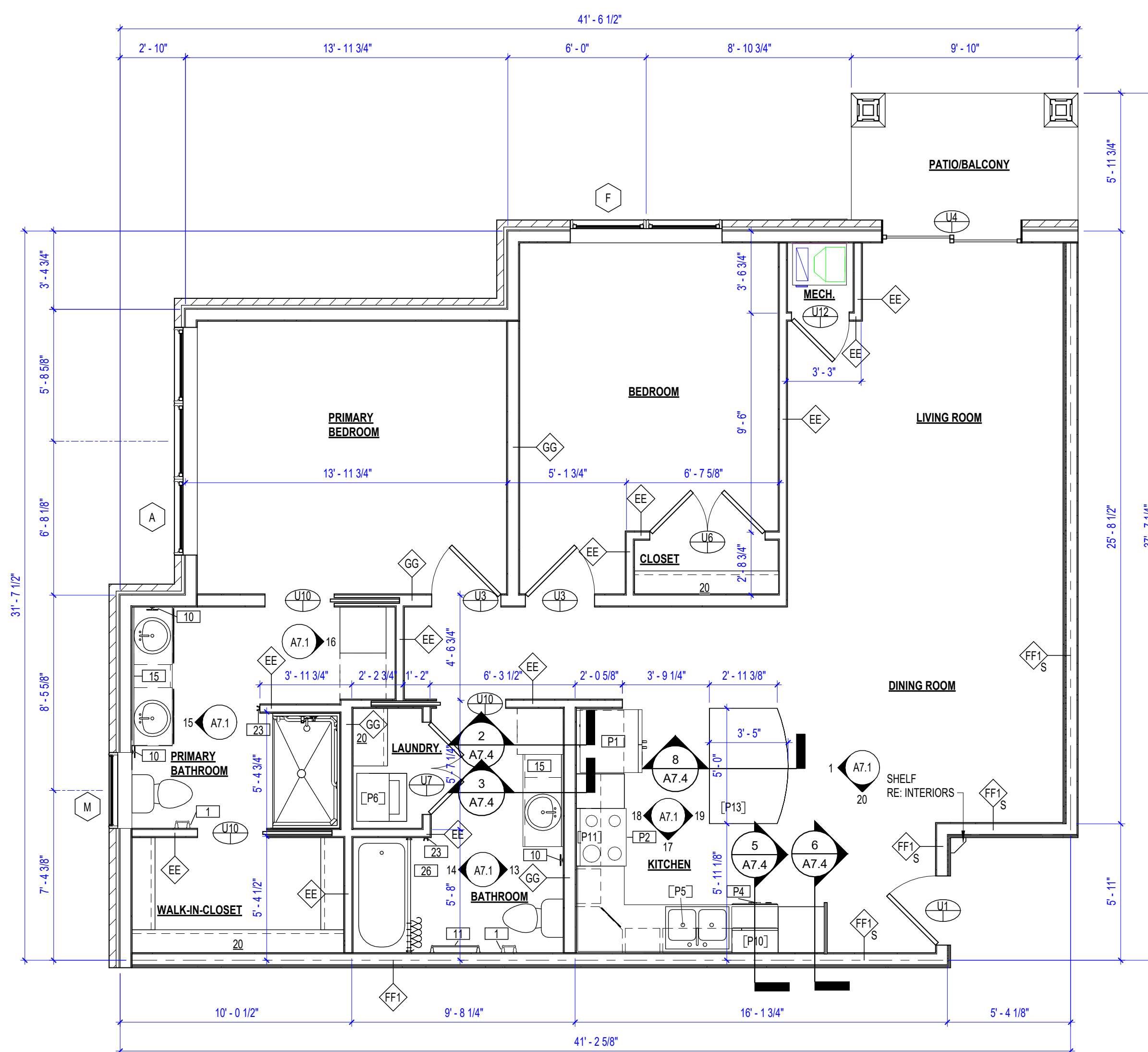
4 UNIT D2 - WILLOW (1185 SF)
1/4" = 1'-0"



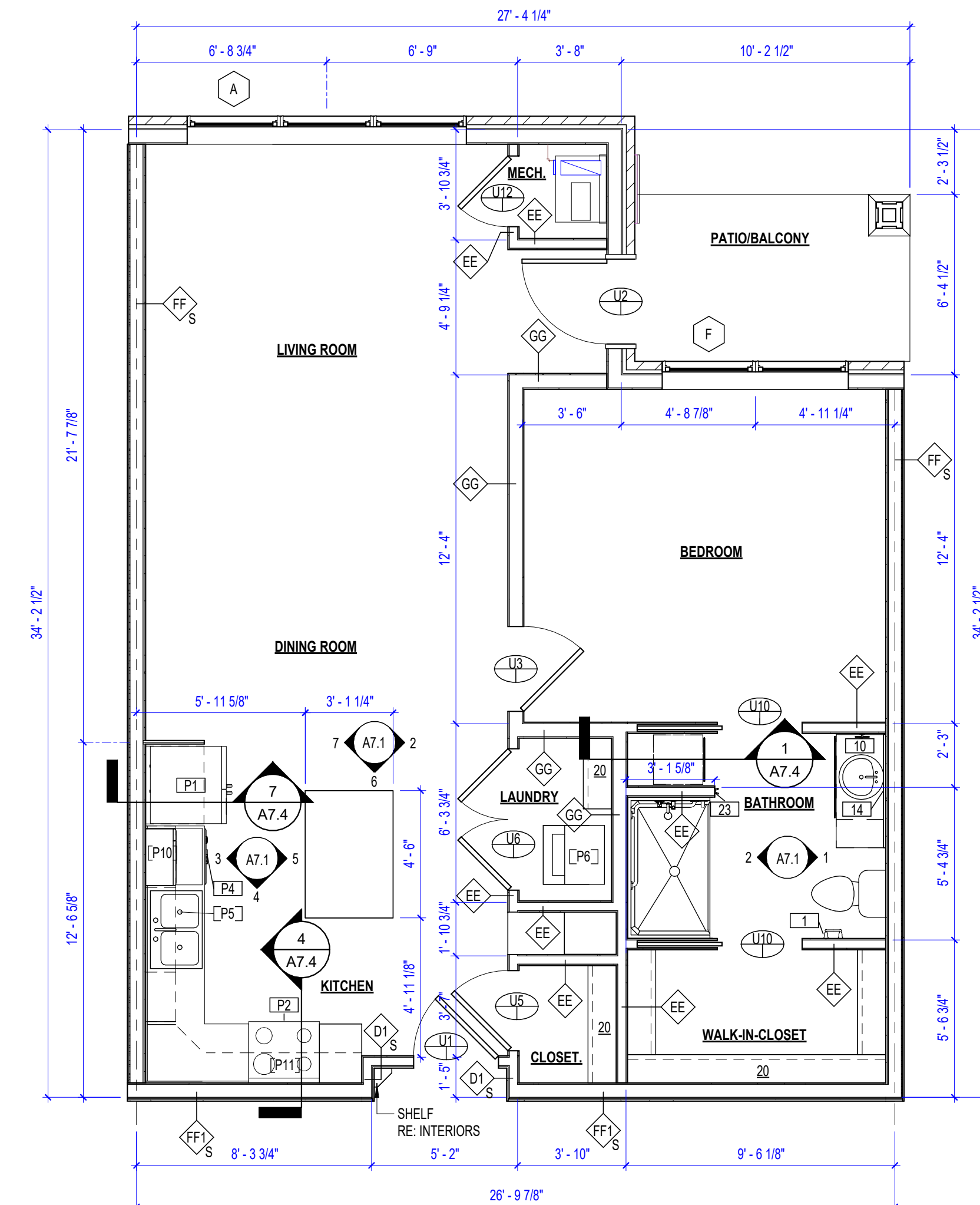
2 UNIT C - CEDAR (925 SF)
1/4" = 1'-0"



5 UNIT D3 - CYPRESS (1215 SF)
1/4" = 1'-0"



3 UNIT D1 - HICKORY (1145 SF)
1/4" = 1'-0"



1 UNIT B - BIRCH (810 SF)
1/4" = 1'-0"

DIMENSIONS ADDED AND ADJUSTED

CONSTRUCTION SET



PROJECT TITLE



COURTYARDS - BUILDING E

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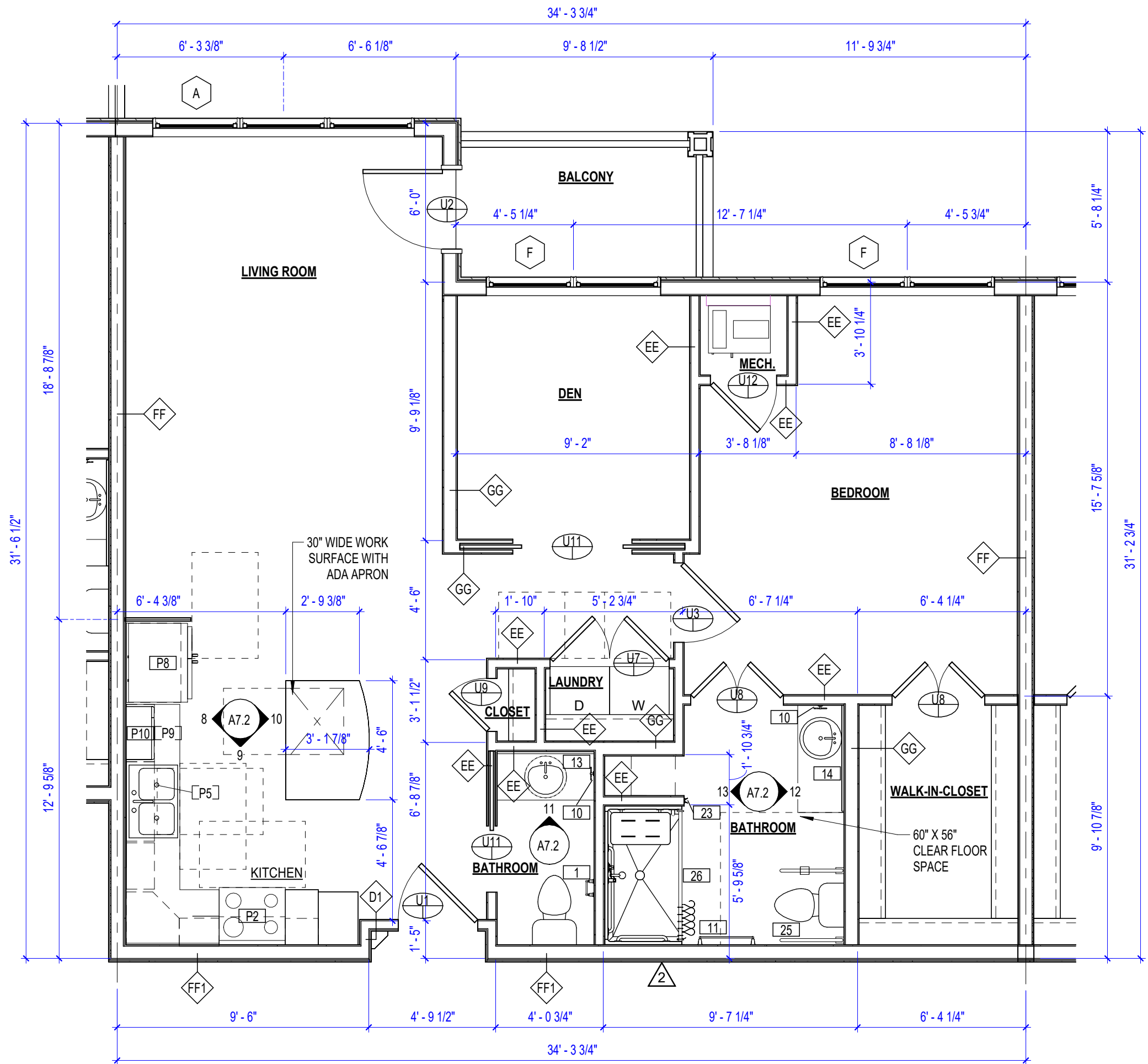
DESIGNER : DAS	DRAWN : DAS/CRW
ARCHITECT : DAS	CHECKED : AAT
ENGINEER : DES	APPROVED : CRJ
NO. 2	REVISION DESCRIPTION DATE
Rev 1 - Permit Comments	02/15/24

DRAWING TITLE
ENLARGED PLANS

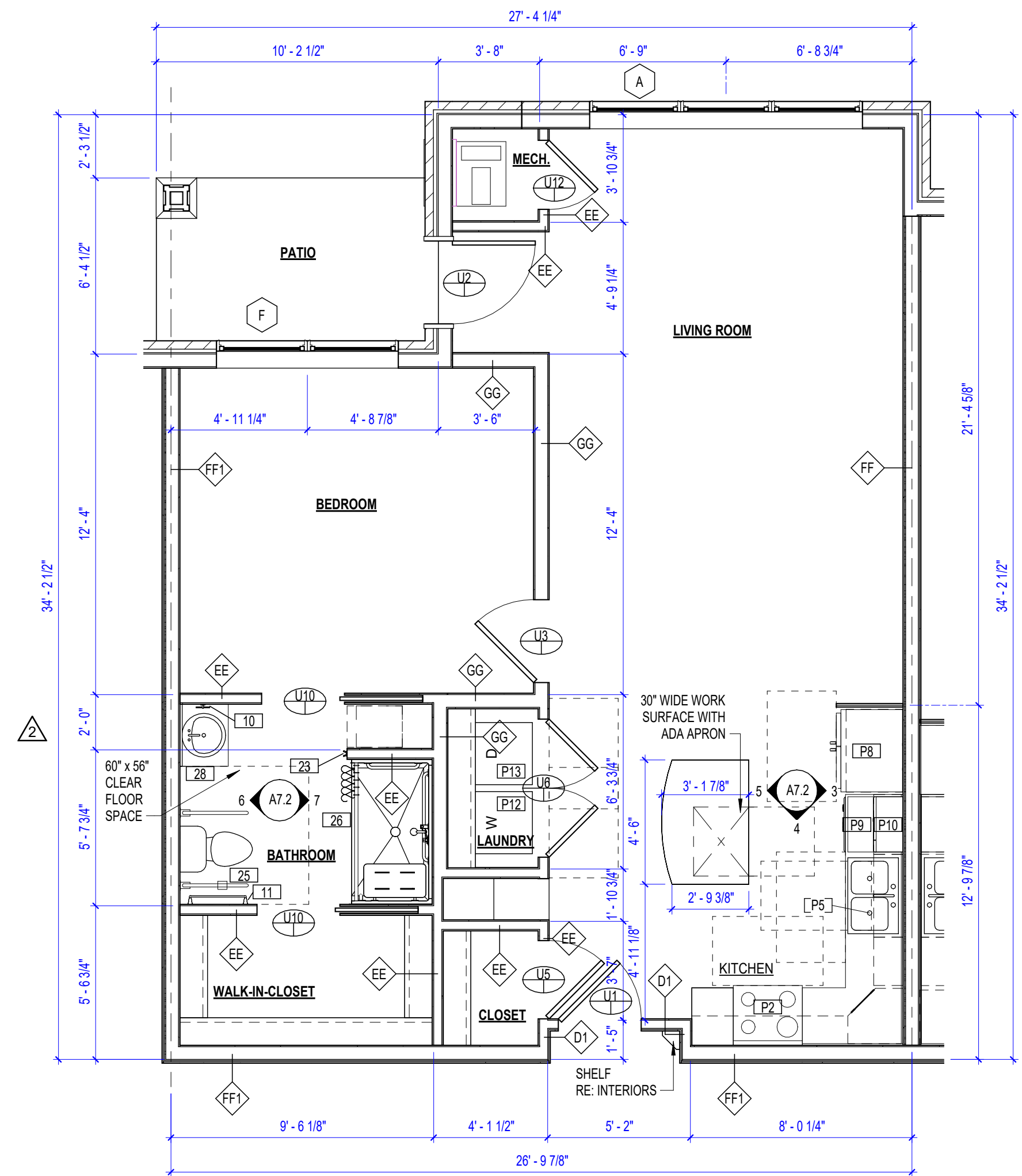
DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A2.3

GENERAL NOTES

- ALL RESIDENT ROOMS SHALL COMPLY WITH ANSI TYPE B ACCESSIBILITY STANDARDS FOR ACCESSIBLE UNITS. SEE A2.2 FOR ACCESSIBILITY DETAILS. UNIT B 123 AND C 316 SHALL ALSO COMPLY WITH ANSI TYPE A ACCESSIBILITY STANDARDS FOR ACCESSIBLE UNITS - SEE SHEET A2.1 FOR ACCESSIBILITY DETAILS.
- ALL UNITS TO CONTAIN THE FOLLOWING TOILET ACCESSORIES: (1) 24" TOWEL BAR, 1. TOILET PAPER HOLDER, 1 TOWEL RING, 1 ROBE HOOK.
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- ALL UNDESIGNATED DIMENSIONED WALLS TO BE 3 1/2" WOOD STUD.
- SEE ELECTRICAL DRAWINGS FOR ELECTRICAL LAYOUTS.
- REFER TO INTERIOR FINISH PLANS & LEGEND FOR ALL UNIT INTERIORS.
- DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE NOTED.
- CORRIDOR WALLS AT UNIT AND DEMISING WALLS BETWEEN UNITS SHALL BE TREATED AS SOUND RATED WALLS.



② E316 - UNIT C - CEDAR (ADA)
1/4" = 1'-0"



① E123 - UNIT B - BIRCH (ADA)
1/4" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



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ARCHITECT : DAS	CHECKED : AAT
ENGINEER : DES	APPROVED : CRJ
NO.	REVISION DESCRIPTION DATE
2	Rev 1 - Permit Comments 02/15/24

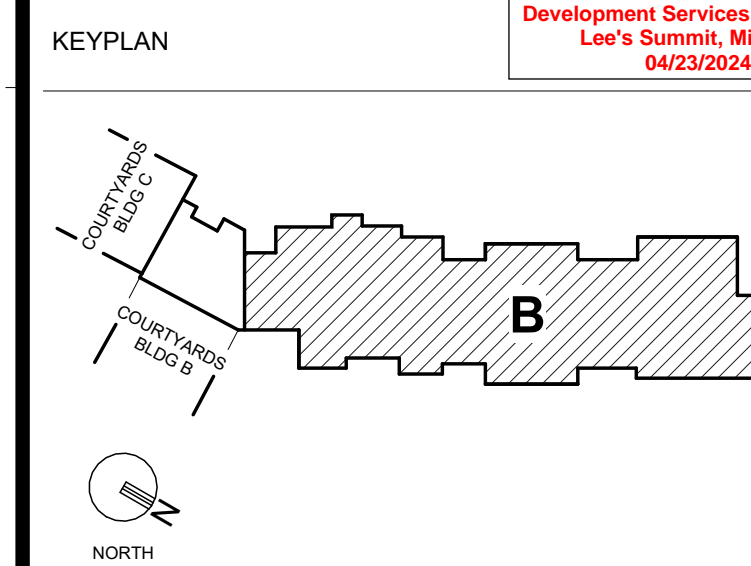
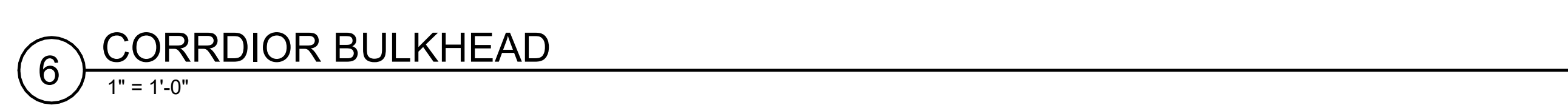
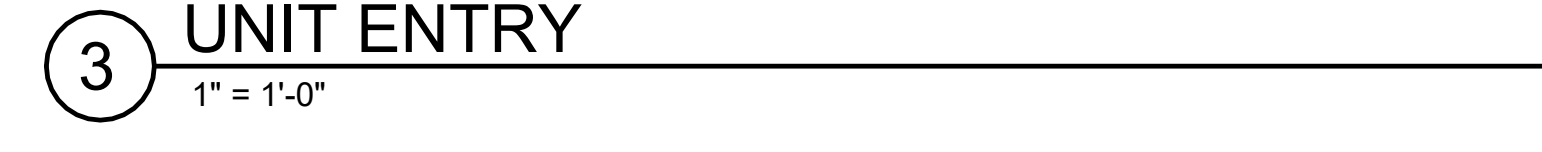
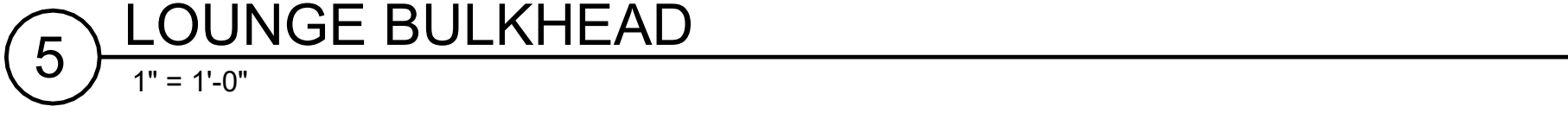
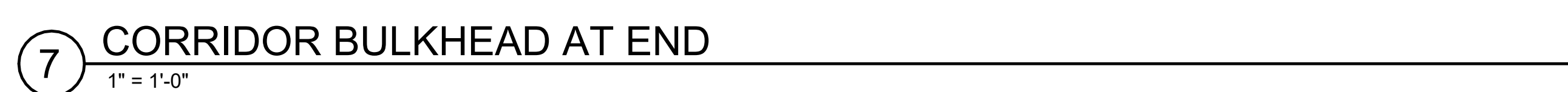
DRAWING TITLE

ENLARGED PLANS

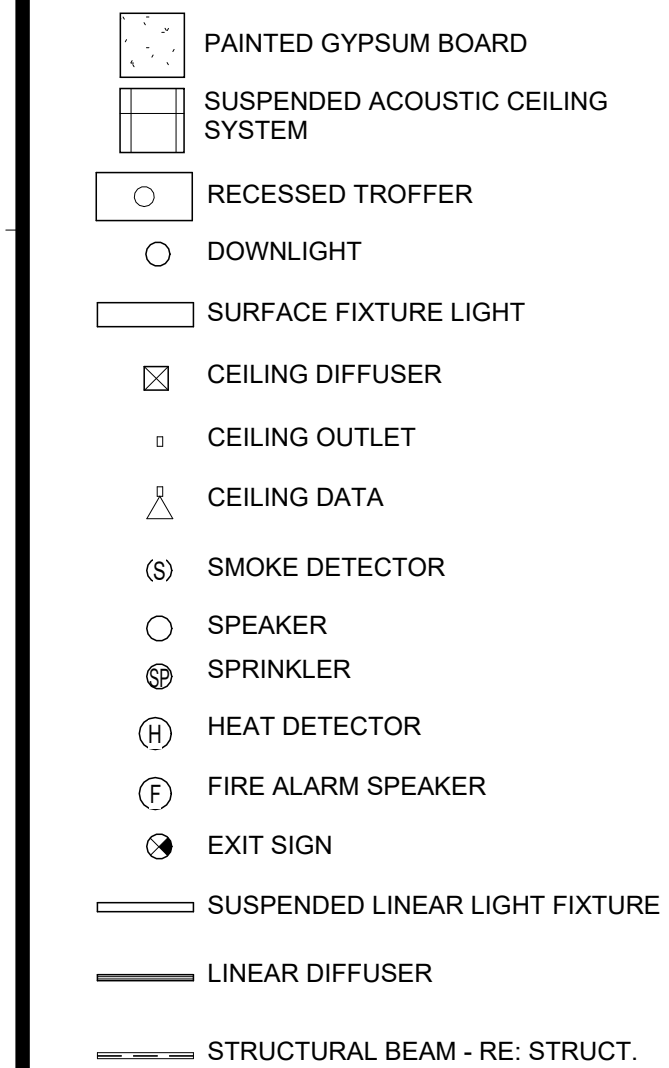
DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A2.4

DIMENSIONS ADDED AND ADJUSTED

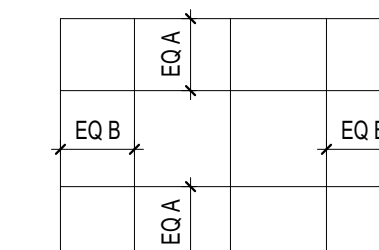




REFLECTED CEILING PLAN LEGEND



1. ALL ACOUSTICAL CEILINGS SHALL BE CENTERED IN THE ROOMS WITH EQUAL SIZE PANELS AT OPPOSITE SIDES OF THE ROOM - TYPICAL WHETHER INDICATED OR NOT.



2. ACOUSTICAL CEILINGS IN ADJACENT EXT DOORS SHALL HAVE HOLD DOWN CLIPS - TYP

3. ROOMS WITHOUT CEILING HEIGHTS INDICATED ARE 9'-1" AFF UNLESS NOTED OTHERWISE.

CONSTRUCTION SET



PROJECT TITLE



COURTYARDS - BUILDING E

S F C S

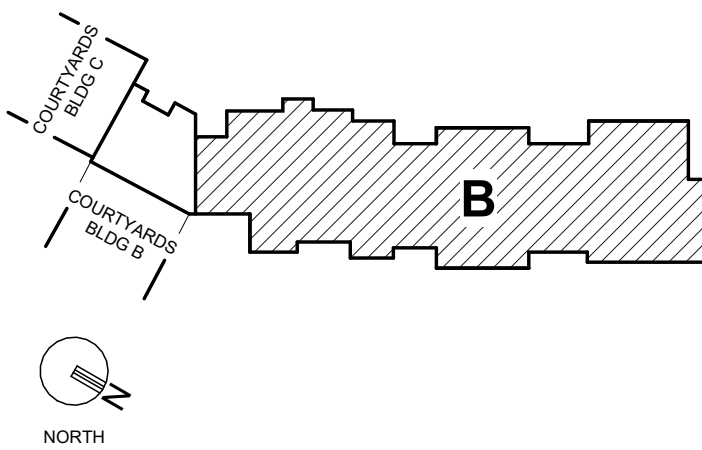
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DESIGNER : DAS	DRAWN : LW/DAS/GMJ
ARCHITECT : DAS	CHECKED : AAT
ENGINEER :	APPROVED : CRJ
NO.	REVISION DESCRIPTION

DRAWING TITLE
FIRST FLOOR IL UNITS
REFLECTED CEILING PLAN

DATE:	January 5, 2024	DRAWING A3.1
COMM. NO.	23104.00	

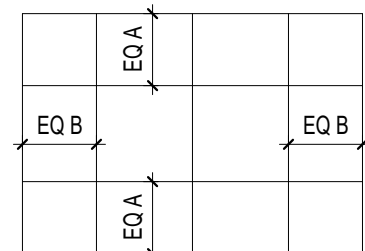
KEYPLAN



REFLECTED CEILING PLAN LEGEND

- PAINTED GYPSUM BOARD
- SUSPENDED ACOUSTIC CEILING SYSTEM
- RECESSED TROFFER
- DOWNLIGHT
- SURFACE FIXTURE LIGHT
- CEILING DIFFUSER
- CEILING OUTLET
- CEILING DATA
- SMOKE DETECTOR
- SPEAKER
- SPRINKLER
- HEAT DETECTOR
- FIRE ALARM SPEAKER
- EXIT SIGN
- SUSPENDED LINEAR LIGHT FIXTURE
- LINEAR DIFFUSER
- STRUCTURAL BEAM - RE: STRUCT.

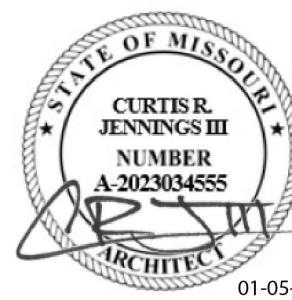
1. ALL ACOUSTICAL CEILINGS SHALL BE CENTERED IN THE ROOMS WITH EQUAL SIZE PANELS AT OPPOSITE SIDES OF THE ROOM - TYPICAL WHETHER INDICATED OR NOT.



2. ACOUSTICAL CEILINGS IN ADJACENT EXT DOORS SHALL HAVE HOLD DOWN CLIPS - TYP

3. ROOMS WITHOUT CEILING HEIGHTS INDICATED ARE 9'-1" AFF UNLESS NOTED OTHERWISE.

CONSTRUCTION SET



PROJECT TITLE



COURTYARDS - BUILDING E

SFCS

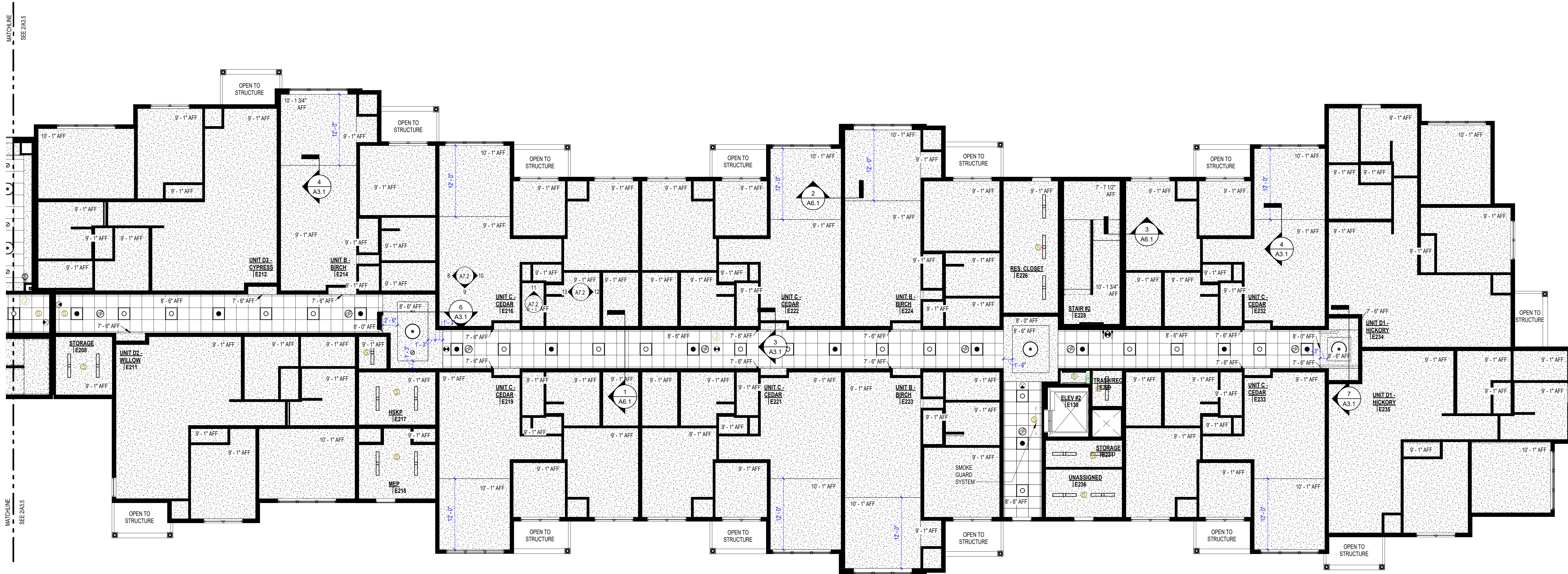
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DESIGNER : DAS	DRAWN : LWIDAS/GMJ	
ARCHITECT : DAS	CHECKED : AAT	
ENGINEER :	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE

DRAWING TITLE

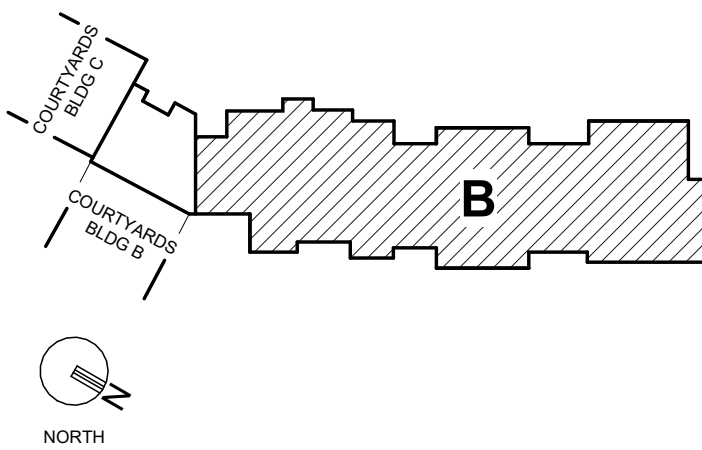
SECOND FLOOR IL UNITS
REFLECTED CEILING PLAN

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A3.2



SECOND FLOOR IL UNITS
REFLECTED CEILING PLAN
1/8" = 1'-0"

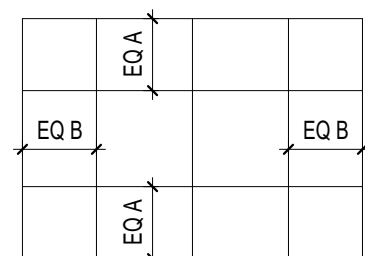
KEYPLAN



REFLECTED CEILING PLAN LEGEND

- PAINTED GYPSUM BOARD
- SUSPENDED ACOUSTIC CEILING SYSTEM
- RECESSED TROFFER
- DOWNLIGHT
- SURFACE FIXTURE LIGHT
- CEILING DIFFUSER
- CEILING OUTLET
- CEILING DATA
- SMOKE DETECTOR
- SPEAKER
- SPRINKLER
- HEAT DETECTOR
- FIRE ALARM SPEAKER
- EXIT SIGN
- SUSPENDED LINEAR LIGHT FIXTURE
- LINEAR DIFFUSER
- STRUCTURAL BEAM - RE: STRUCT.

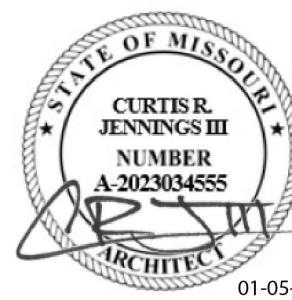
1. ALL ACOUSTICAL CEILINGS SHALL BE CENTERED IN THE ROOMS WITH EQUAL SIZE PANELS AT OPPOSITE SIDES OF THE ROOM - TYPICAL WHETHER INDICATED OR NOT.



2. ACOUSTICAL CEILINGS IN ADJACENT EXT DOORS SHALL HAVE HOLD DOWN CLIPS - TYP

3. ROOMS WITHOUT CEILING HEIGHTS INDICATED ARE 9'-1" AFF UNLESS NOTED OTHERWISE.

CONSTRUCTION SET



PROJECT TITLE



John Knox Village

COURTYARDS - BUILDING E

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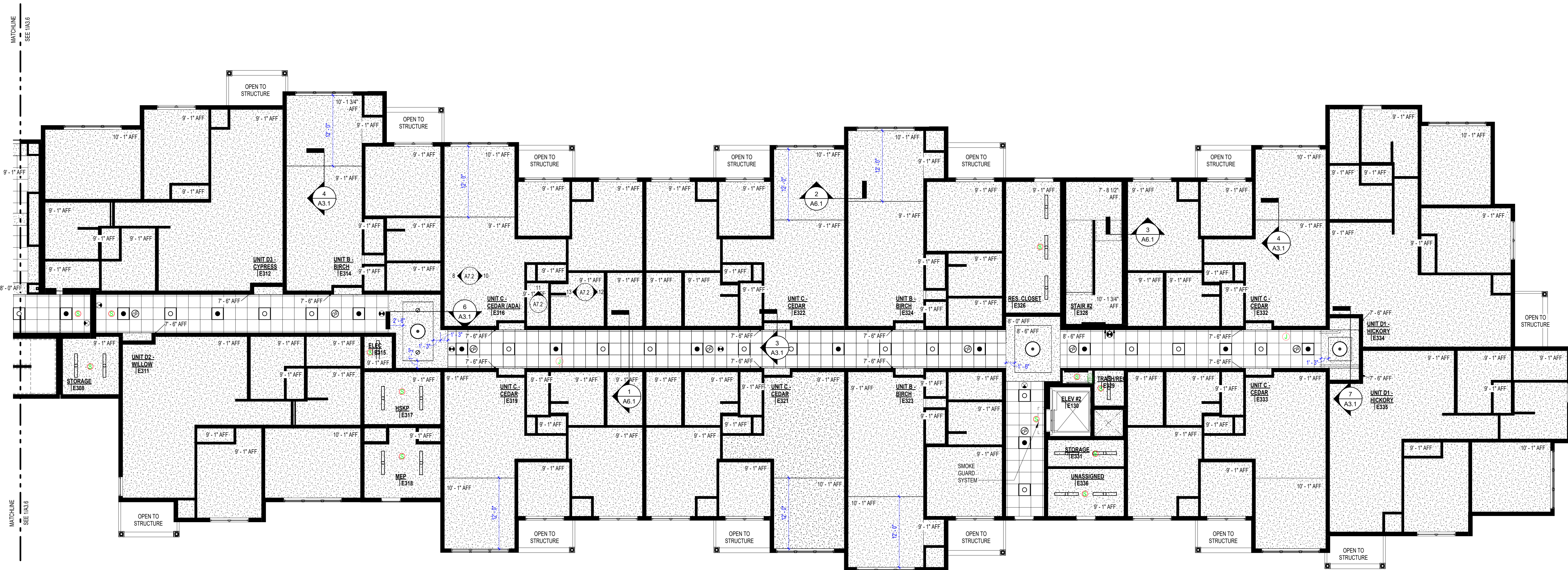
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DESIGNER : DAS	DRAWN : LWIDAS/GMJ
ARCHITECT : DAS	CHECKED : AAT
ENGINEER :	APPROVED : CRJ
NO.	REVISION DESCRIPTION

DRAWING TITLE

THIRD FLOOR IL UNITS
REFLECTED CEILING PLAN

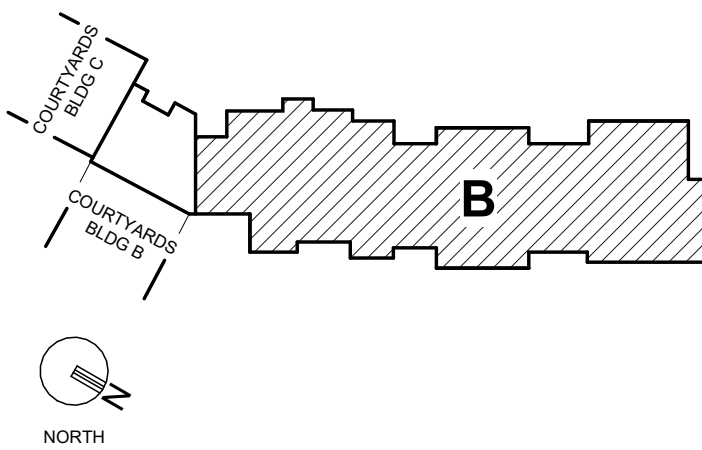
DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A3.3



THIRD FLOOR IL UNITS REFLECTED
CEILING PLAN

1/8" = 1'-0"

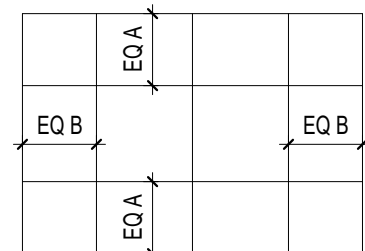
KEYPLAN



REFLECTED CEILING PLAN LEGEND

- PAINTED GYPSUM BOARD
- SUSPENDED ACOUSTIC CEILING SYSTEM
- RECESSED TROFFER
- DOWNLIGHT
- SURFACE FIXTURE LIGHT
- CEILING DIFFUSER
- CEILING OUTLET
- CEILING DATA
- SMOKE DETECTOR
- SPEAKER
- SPRINKLER
- HEAT DETECTOR
- FIRE ALARM SPEAKER
- EXIT SIGN
- SUSPENDED LINEAR LIGHT FIXTURE
- LINEAR DIFFUSER
- STRUCTURAL BEAM - RE: STRUCT.

1. ALL ACOUSTICAL CEILINGS SHALL BE CENTERED IN THE ROOMS WITH EQUAL SIZE PANELS AT OPPOSITE SIDES OF THE ROOM - TYPICAL WHETHER INDICATED OR NOT.



2. ACOUSTICAL CEILINGS IN ADJACENT EXT DOORS SHALL HAVE HOLD DOWN CLIPS - TYP
3. ROOMS WITHOUT CEILING HEIGHTS INDICATED ARE 9'-1" AFF UNLESS NOTED OTHERWISE.

CONSTRUCTION SET



PROJECT TITLE



John Knox Village

COURTYARDS - BUILDING E

SFCs

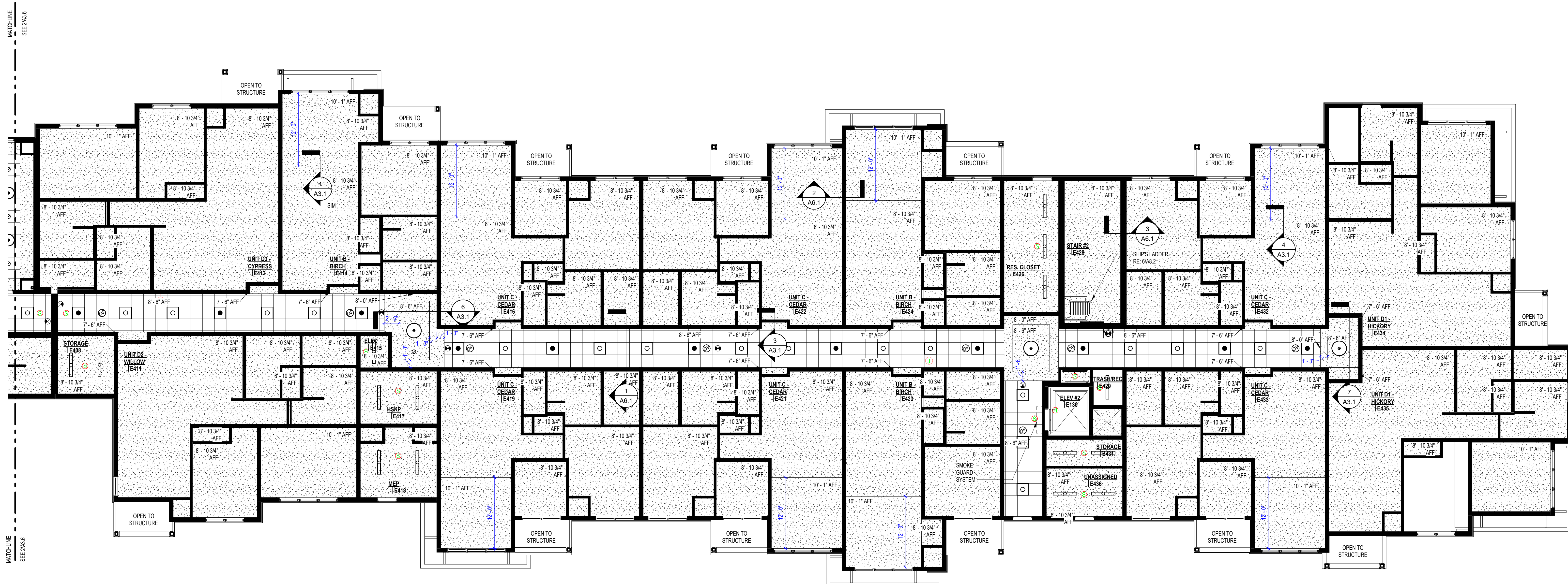
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DESIGNER : DAS	DRAWN : LWIDAS/GMJ
ARCHITECT : DAS	CHECKED : AAT
ENGINEER :	APPROVED : CRJ
NO.	REVISION DESCRIPTION
	DATE

DRAWING TITLE

FOURTH FLOOR IL UNITS
REFLECTED CEILING PLAN

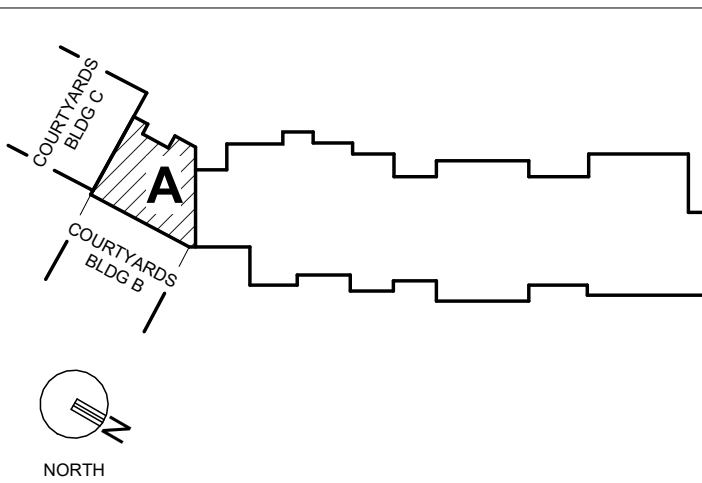
DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A3.4



FOURTH FLOOR IL UNITS
CEILING PLAN

1/8" = 1'-0"

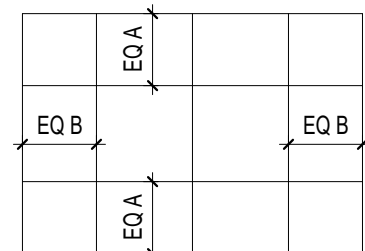
KEYPLAN



REFLECTED CEILING PLAN LEGEND

- PAINTED GYPSUM BOARD
- SUSPENDED ACOUSTIC CEILING SYSTEM
- RECESSED TROFFER
- DOWNLIGHT
- SURFACE FIXTURE LIGHT
- CEILING DIFFUSER
- CEILING OUTLET
- CEILING DATA
- SMOKE DETECTOR
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- SPRINKLER
- HEAT DETECTOR
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- EXIT SIGN
- SUSPENDED LINEAR LIGHT FIXTURE
- LINEAR DIFFUSER
- STRUCTURAL BEAM - RE: STRUCT.

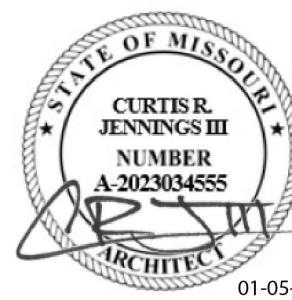
1. ALL ACOUSTICAL CEILINGS SHALL BE CENTERED IN THE ROOMS WITH EQUAL SIZE PANELS AT OPPOSITE SIDES OF THE ROOM - TYPICAL WHETHER INDICATED OR NOT.



2. ACOUSTICAL CEILINGS IN ADJACENT EXT DOORS SHALL HAVE HOLD DOWN CLIPS - TYP

3. ROOMS WITHOUT CEILING HEIGHTS INDICATED ARE 9'-1" AFF UNLESS NOTED OTHERWISE.

CONSTRUCTION SET



PROJECT TITLE



John Knox Village

COURTYARDS - BUILDING E

SFCs

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Engineering
Planning
Interiors

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DESIGNER : DAS	DRAWN : DAS	
ARCHITECT : DAS	CHECKED : AAT	
ENGINEER :	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE

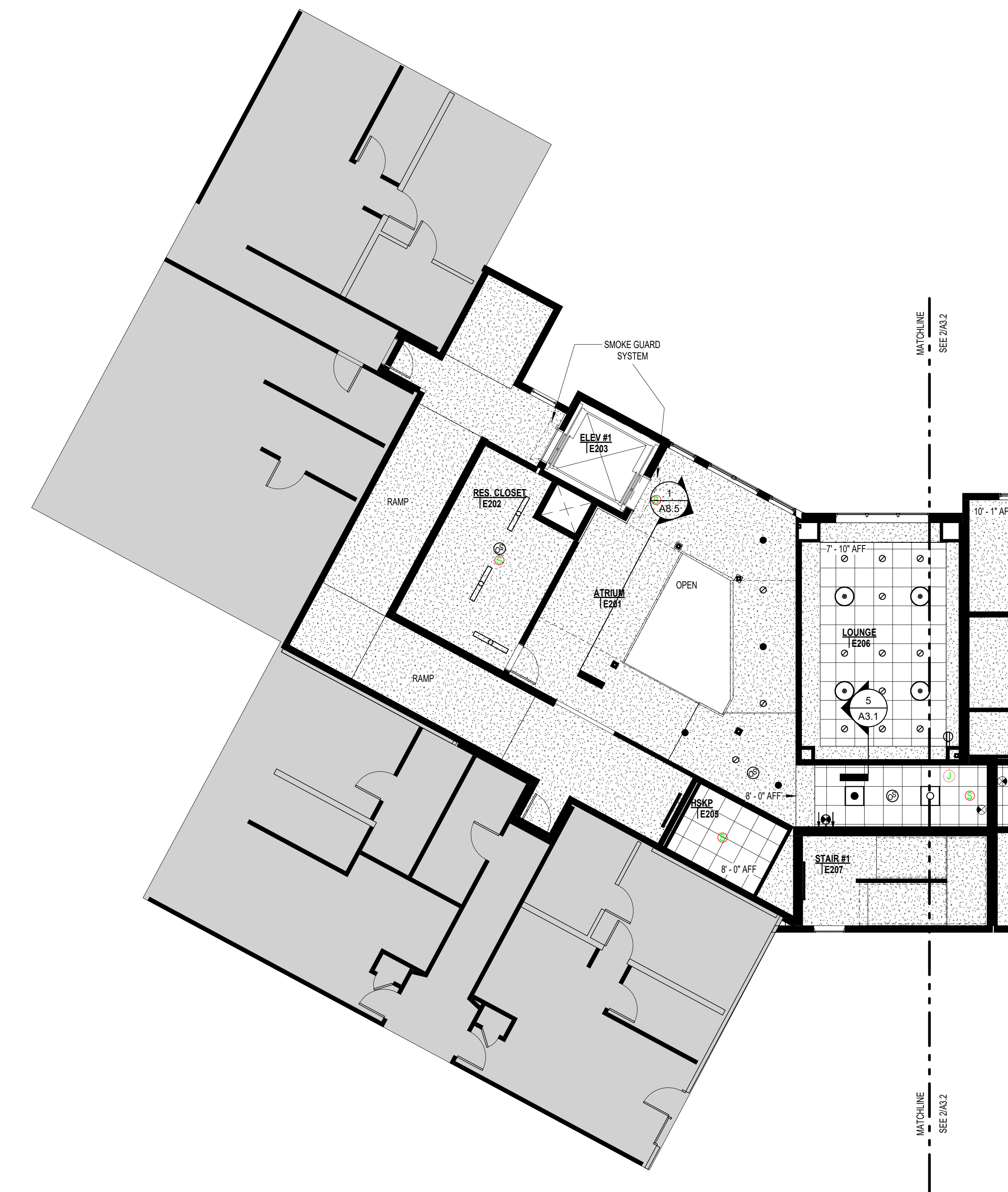
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FIRST AND SECOND
FLOOR ATRIUM
REFLECTED CEILING PLAN

DATE: January 5, 2024

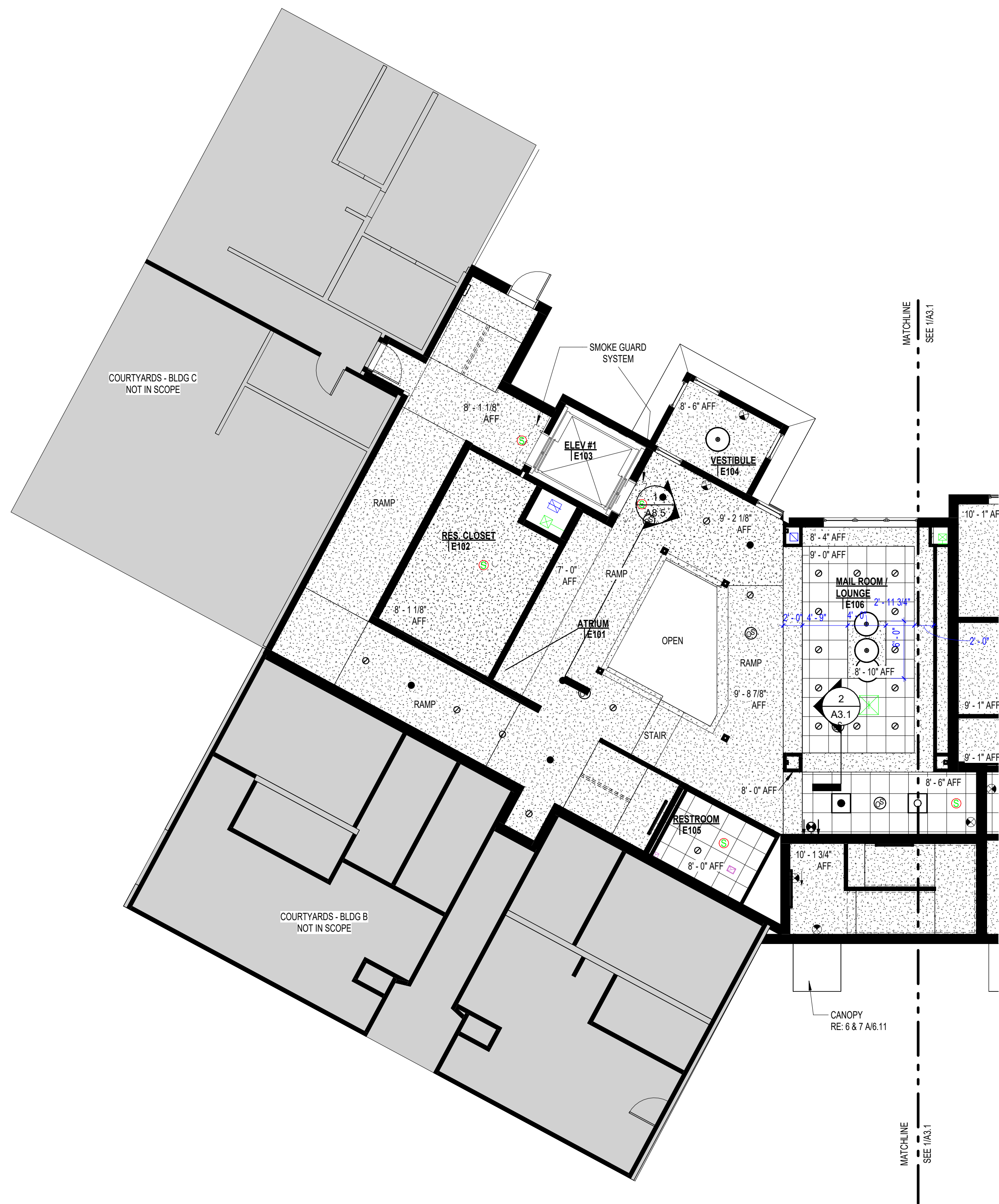
COMM. NO. 23104.00

A3.5



2 ATRIUM - SECOND FLOOR
REFLECTED CEILING PLAN

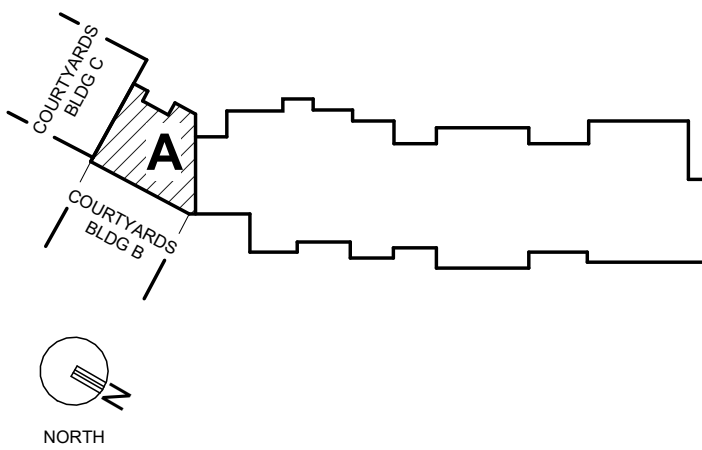
1/8" = 1'-0"



1 ATRIUM - FIRST FLOOR REFLECTED
CEILING PLAN

1/8" = 1'-0"

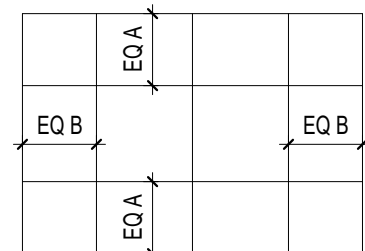
KEYPLAN



REFLECTED CEILING PLAN LEGEND

- PAINTED GYPSUM BOARD
- SUSPENDED ACOUSTIC CEILING SYSTEM
- RECESSED TROFFER
- DOWNLIGHT
- SURFACE FIXTURE LIGHT
- CEILING DIFFUSER
- CEILING OUTLET
- CEILING DATA
- SMOKE DETECTOR
- SPEAKER
- SPRINKLER
- HEAT DETECTOR
- FIRE ALARM SPEAKER
- EXIT SIGN
- SUSPENDED LINEAR LIGHT FIXTURE
- LINEAR DIFFUSER
- STRUCTURAL BEAM - RE: STRUCT.

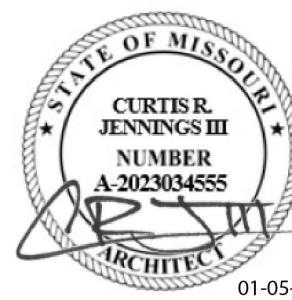
1. ALL ACOUSTICAL CEILINGS SHALL BE CENTERED IN THE ROOMS WITH EQUAL SIZE PANELS AT OPPOSITE SIDES OF THE ROOM - TYPICAL WHETHER INDICATED OR NOT.



2. ACOUSTICAL CEILINGS IN ADJACENT EXT DOORS SHALL HAVE HOLD DOWN CLIPS - TYP

3. ROOMS WITHOUT CEILING HEIGHTS INDICATED ARE 9'-1" AFF UNLESS NOTED OTHERWISE.

CONSTRUCTION SET



PROJECT TITLE



COURTYARDS - BUILDING E

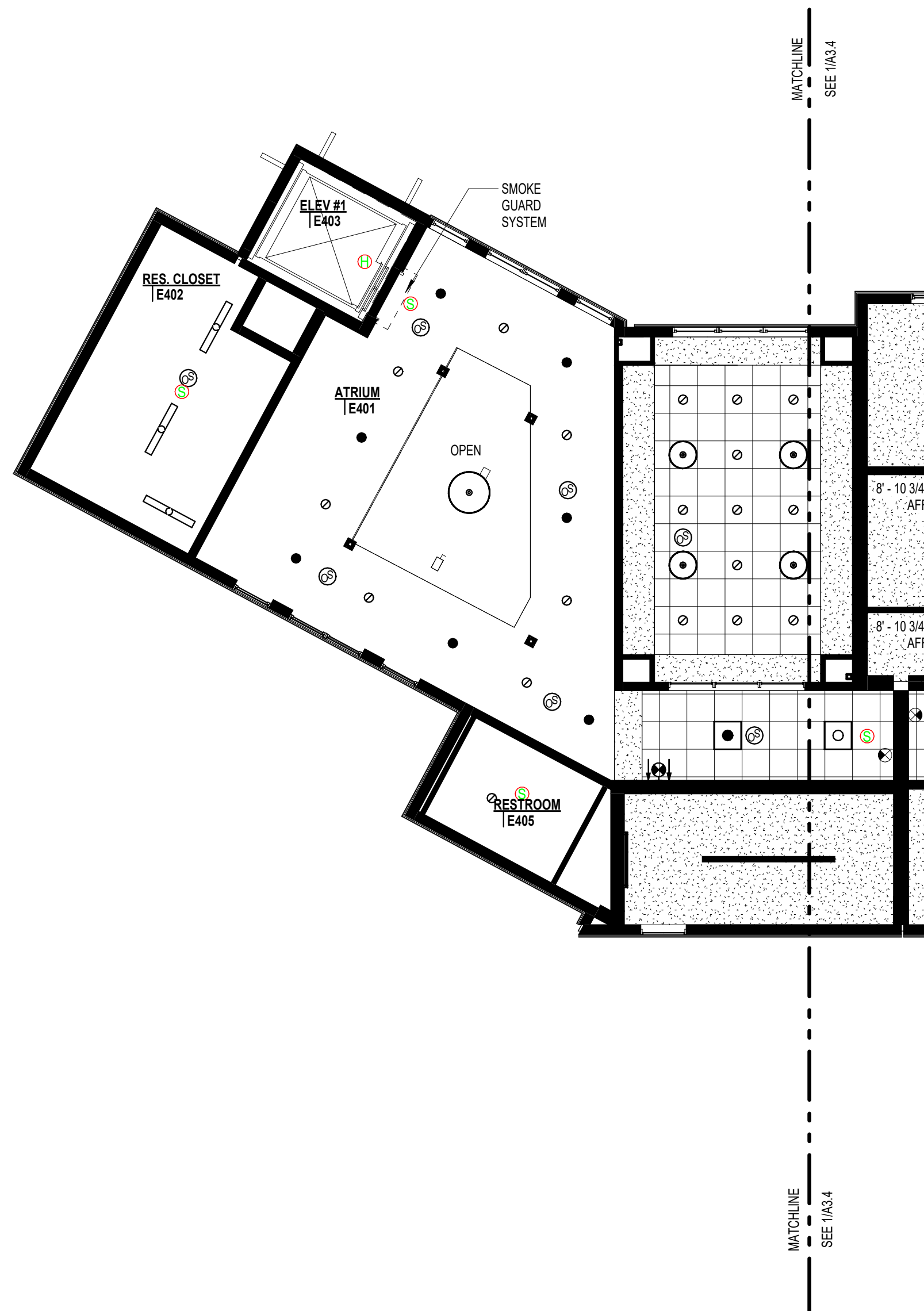
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DESIGNER : DAS	DRAWN : DAS	
ARCHITECT : DAS	CHECKED : AAT	
ENGINEER :	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE

DRAWING TITLE

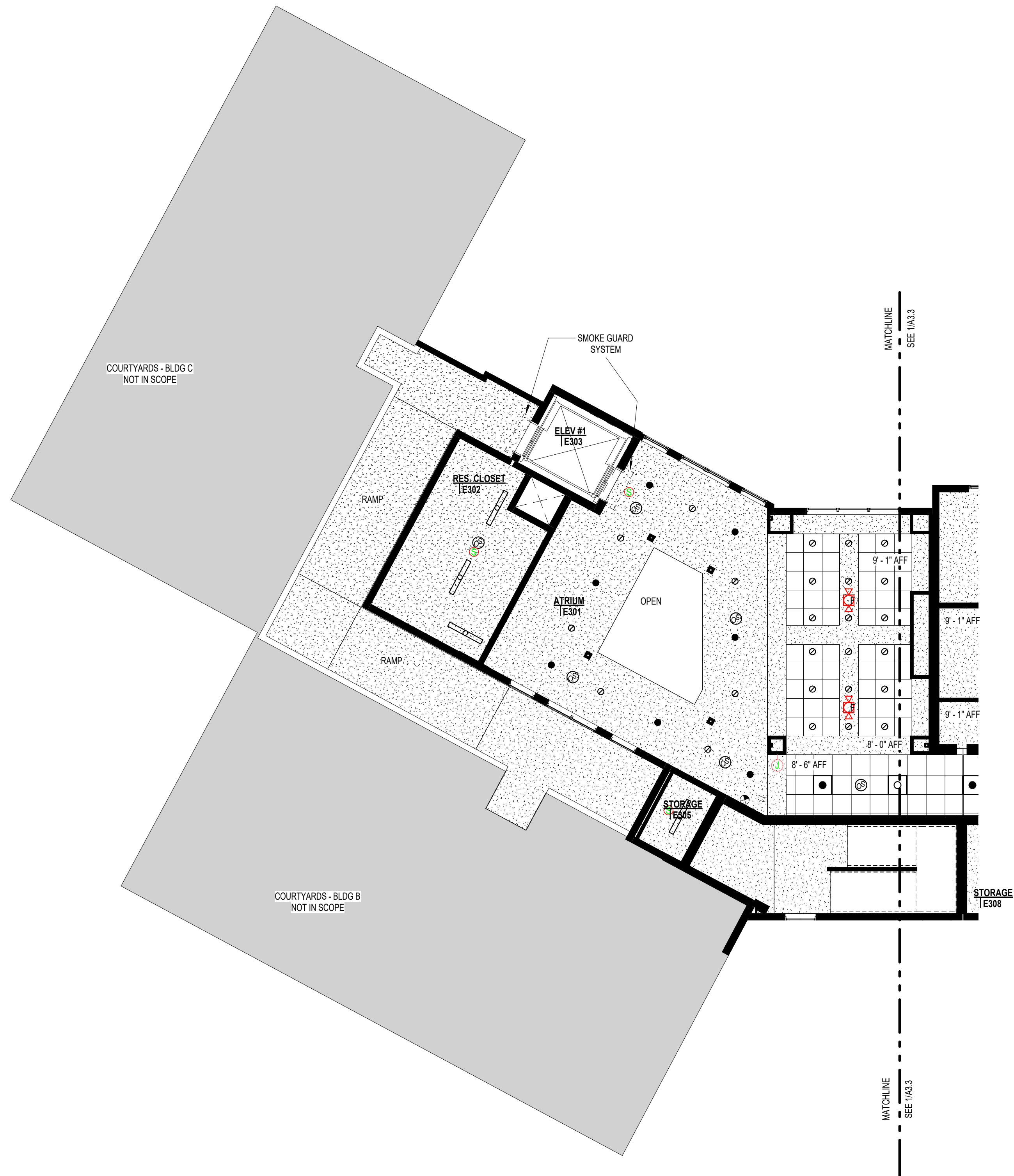
THIRD AND FOURTH
FLOOR ATRIUM
REFLECTED CEILING PLAN

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A3.6



2 ATRIUM - FOURTH FLOOR
REFLECTED CEILING PLAN

1/8" = 1'-0"



1 ATRIUM - THIRD FLOOR REFLECTED
CEILING PLAN

1/8" = 1'-0"

STRUCTURE									
CLG									
ACTUAL									
TYPE		A1	CC	CC1	D1	EE	FF - TENANT/CORRIDOR WALL (NON-LOAD BEARING)	FF1 - TENANT/CORRIDOR WALL/ SHEAR WALL (LOAD BEARING)	GG
FIRE RATING		1 HR - UL U423		1 HR - UL U305	1 HR - UL U311		1 HR- UL U311	1 HR- UL U311	
SOUND RATING			STC - 56* WHEN CONSTRUCTED ACCORDING TO ITEM #9 IN UL ASSEMBLY U305.	STC - 56* WHEN CONSTRUCTED ACCORDING TO ITEM #9 IN UL ASSEMBLY U305.			STC 56	STC 56	STC - 46

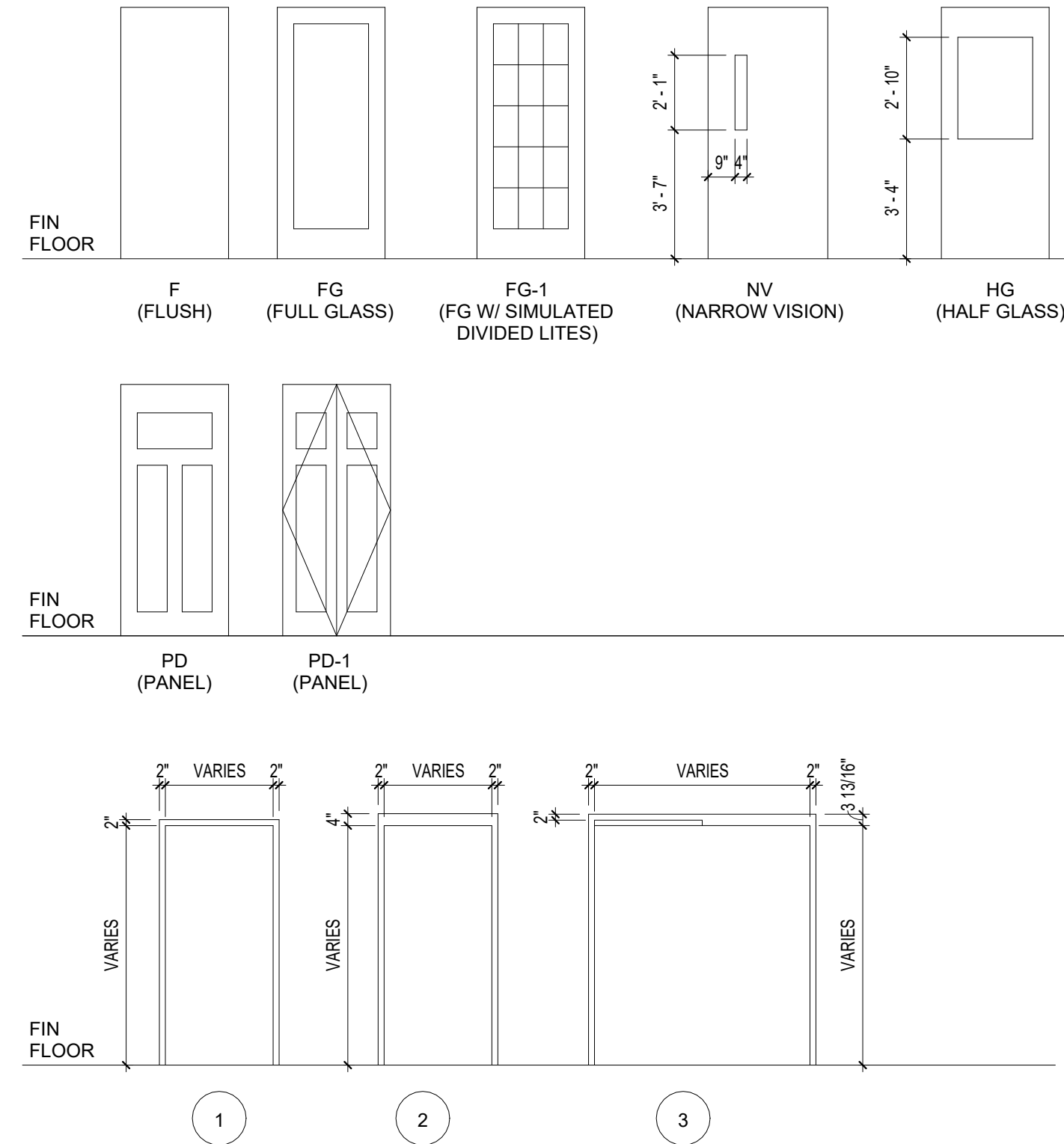
STRUCTURE									
CLG									
ACTUAL									
TYPE		HH1 - CORRIDOR (NON-LOAD BEARING)	JJ	K	LL	MM2	NN2	(LOAD BEARING)	W
FIRE RATING		-		1 HR		1 HR - UL U311	1 HR - UL U311	2 HR- UL U347	2 HR CMU UL U306
SOUND RATING		STC-50						--	

PARTITION NOTES:

- NOTE 1: SOUND RATING WHERE NOTED ON PLANS.
- NOTE 2: LINE OF SUBSTRATE.
- NOTE 3: GWB SHALL BE ACOUSTICALLY SEALED TO STRUCTURE AT SOUND RATED PARTITIONS. APPLY SEALANT AROUND ALL CUT OUTS IN GWB WALL. CAULK SIDES AND BACK OF ELECTRICAL BOXES.
- NOTE 4: PROVIDE DEEP LEG TOP TRACK RUNNERS FOR MINIMUM 5/8" DEFLECTION GAP.
- NOTE 5: DESIGNATED STC RATINGS APPLY TO SOUND RATED PARTITIONS.

2 HR FIREWALL

NOTE: ALL GLAZING IN FIXED AND OPERABLE PANELS OF DOORS SHALL BE SAFETY GLAZING PER SECTION 2406.



1 DOOR ELEVATIONS
1/4" = 1'-0"

PARTITIIONS TYPES-
3/4" = 1'-0"

APPLIANCE SCHEDULE

MARK	ITEM	MANUF	MODEL #	DESCRIPTION
P1	REFRIGERATOR	GENERAL ELECTRIC	GSS23	SHSS STAINLESS STEEL
P2	RANGE	GENERAL ELECTRIC	JS645	SJSS STAINLESS STEEL
P3	NOT USED			
P4	DISHWASHER	GENERAL ELECTRIC	GDF645	SSNS STAINLESS STEEL
P5	GARBAGE DISPOSAL	GENERAL ELECTRIC	GFC530V	
P6	WASHER DRYER	LG	WKE100H_AWKG101_A	WHITE SEE UNIT PLANS FOR LOCATION
P7	UNDERCOUNTER REFRIGERATOR	GENERAL ELECTRIC	GCE06GSHSB	SLSS STAINLESS STEEL
P8	REFRIGERATOR	GENERAL ELECTRIC	GZS22DSJSS	ACCESSIBLE UNITS (SS = STAINLESS STEEL) - COUNTER-DEPTH
P9	DISHWASHER	GENERAL ELECTRIC	GLDA696F	ACCESSIBLE UNITS (SS = STAINLESS STEEL)
P10	MICROWAVE	GENERAL ELECTRIC	PEM31	SLSS STAINLESS STEEL
P11	UNDER THE CABINET HOOD	GENERAL ELECTRIC	JVX3300	SJSS STAINLESS STEEL
P12	WASHER	GENERAL ELECTRIC	GFW560	SSNWW WHITE SEE UNIT PLANS FOR LOCATION
P13	DRYER	GENERAL ELECTRIC	GFD55E	SSNWW WHITE SEE UNIT PLANS FOR LOCATION

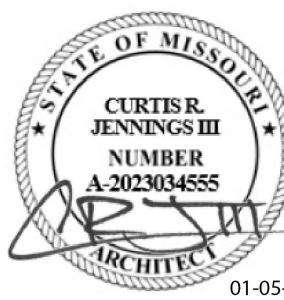
APPLIANCE SCHEDULE
12" = 1'-0"

TOILET ACCESSORY SCHEDULE

MARK	ITEM	MODEL #/FIN	MANUF	MT.HT.	SIZE	REMARKS
1	TOILET PAPER HOLDER	YB5408BN	MOEN: KINGSLEY SERIES/BRUSHED NICKEL	CENTERLINE AT 21" AFF		TO BE INSTALLED IN ALL RESIDENT UNIT TOILETS
2	TOILET PAPER DISPENSER	56798	GEORGIA PACIFIC	CENTERLINE AT 19" AFF		TO BE INSTALLED IN ALL PUBLIC TOILETS
3	VERTICAL GRAB BAR	YG5418BN	MOEN: KINGSLEY SERIES/BRUSHED NICKEL	BOTTOM AT 41" AFF	18"	PROVIDE BLOCKING ALL UNITS AND INSTALL WHERE NOTED IN CUSTOMIZATION
4	GRAB BAR	YG5436BN	MOEN: KINGSLEY SERIES/BRUSHED NICKEL	TOP AT 36" AFF	36"	PROVIDE BLOCKING ALL UNITS AND INSTALL WHERE NOTED IN CUSTOMIZATION
5	GRAB BAR	YG5442BN	MOEN: KINGSLEY SERIES/BRUSHED NICKEL	TOP AT 36" AFF	42"	PROVIDE BLOCKING ALL UNITS AND INSTALL WHERE NOTED IN CUSTOMIZATION
6	VERTICAL GRAB BAR	B-6806X18	BOBRICK/SATIN FINISH	BOTTOM AT 41" AFF	18"	INSTALL AT ALL UNIT MASTER BATH SHOWERS
7	GRAB BAR	B-6806X36	BOBRICK/SATIN FINISH	TOP AT 36" AFF	36"	PROVIDE BLOCKING/TO BE INSTALLED IN ALL PUBLIC TOILETS
8	GRAB BAR	B-6806X42	BOBRICK/SATIN FINISH	TOP AT 36" AFF	42"	PROVIDE BLOCKING/TO BE INSTALLED IN ALL PUBLIC TOILETS
9	COMBINATION GRAB BAR	CUSTOM-SEE PLAN	BY SHOWER MANUFACTURER	TOP AT 36" @ SHOWER FF		INSTALL AT ALL UNIT MASTER BATH SHOWERS
10	TOWEL RING	YB5466BN	MOEN: KINGSLEY SERIES/BRUSHED NICKEL	CENTERLINE AT 50" AFF		PROVIDE BLOCKING/TO BE INSTALLED IN ALL RESIDENT UNIT TOILETS
11	TOWEL BAR	YG5424BN	MOEN: KINGSLEY SERIES/BRUSHED NICKEL	CENTERLINE AT 40" AFF	24"	PROVIDE BLOCKING/TO BE INSTALLED IN ALL RESIDENT UNIT TOILETS
12	MIRROR	CUSTOM	GUARDIAN INDUSTRIES W/ 2" FLAT STOCK FRAME	MIRROR BOTTOM AT 40" AFF	36"W X 36"H	MIRROR BOTTOM AT 38" AFF IN ACCESSIBLE UNITS
13	MIRROR	CUSTOM	GUARDIAN INDUSTRIES W/ 2" FLAT STOCK FRAME	MIRROR BOTTOM AT 40" AFF	44"W X 36"H	MIRROR BOTTOM AT 38" AFF IN ACCESSIBLE UNITS
14	MIRROR	CUSTOM	GUARDIAN INDUSTRIES W/ 2" FLAT STOCK FRAME	MIRROR BOTTOM AT 40" AFF	48"W X 36"H	MIRROR BOTTOM AT 38" AFF IN ACCESSIBLE UNITS
15	MIRROR	CUSTOM	GUARDIAN INDUSTRIES W/ 2" FLAT STOCK FRAME	MIRROR BOTTOM AT 40" AFF	72"W X 36"H	MIRROR BOTTOM AT 38" AFF IN ACCESSIBLE UNITS
16	SHOWER DOOR		SOUTHEASTERN ALUMINUM SLIDING BYPASS			FINISH 16 (ARCHITECTURAL) TO BE INSTALLED IN ALL RESIDENT UNIT SHOWERS
17	SOAP DISPENSER	52054	GEORGIA PACIFIC			TO BE INSTALLED IN ALL PUBLIC TOILETS
18	SANITARY NAPKIN DISPOSAL	B-270	BOBRICK/SATIN FINISH	TOP AT 30" AFF		PROVIDE BLOCKING/TO BE INSTALLED IN ALL WOMENS PUBLIC TOILETS AND UNI-SEX TOILETS
19	TOWEL DISPENSER/WASTE REC.	59451	GEORGIA PACIFIC	TOWEL DISPENSER AT 48" AFF		TO BE INSTALLED IN ALL PUBLIC TOILETS
20	CLOSET SHELF AND ROD	CLOSETMAID VINYL	COATED STEEL 12" DEPTH SHELF & ROD WIRE SHELF	CENTERLINE AT 66" AFF		PROVIDE BLOCKING/TO BE INSTALLED IN ALL RESIDENT UNITS. CENTERLINE AT 48" AFF AT ALL ACCESSIBLE UNITS
21	CLOSET SHELF AND ROD	CLOSETMAID VINYL	COATED STEEL 8" DEPTH SHELF & ROD WIRE SHELF	CENTERLINE AT 66" AFF		PROVIDE BLOCKING/TO BE INSTALLED IN ALL RESIDENT UNITS. CENTERLINE AT 48" AFF AT ALL ACCESSIBLE UNITS
22	DOUBLE ROBE HOOK	6727	BOBRICK/SATIN FINISH	CENTERLINE AT 48" AFF		TO BE INSTALLED IN ALL PUBLIC TOILETS
23	DOUBLE ROBE HOOK		LIBERTY HARDWARE WINDEMERE (STAINLESS)	CENTERLINE AT 66" AFF		PROVIDE BLOCKING/TO BE INSTALLED IN ALL RESIDENT UNITS. CENTERLINE AT 48" AFF AT ALL ACCESSIBLE UNITS
24	FOLDING SHOWER SEAT	B-5191	BOBRICK/SATIN FINISH			TO BE INSTALLED IN BOTH ADA SHOWERS
25	FOLD DOWN GRAB BARS	3413-25	ASI			W/INTEGRAL TOILET PAPER HOLDER
26	SHOWERCURTAIN ROD	DN2160BN	MOEN/BRUSHED NICKEL	CENTERLINE AT 76" AFF		TO BE INSTALLED IN RESIDENT UNIT TUBS
27	MIRROR	CUSTOM	GUARDIAN INDUSTRIES W/ BEVELED EDGE	MIRROR BOTTOM AT 40" AFF	30"W X 36"H	FRAMELESS; TO BE INSTALLED IN ALL PUBLIC TOILETS. PROVIDE BACKING TO INSTALL MIRROR FLUSH WITH TILE
28	MIRROR	CUSTOM	GUARDIAN INDUSTRIES W/ 2" FLAT STOCK FRAME	MIRROR BOTTOM AT 40" AFF	27"W X 36"H	MIRROR BOTTOM AT 38" AFF IN ACCESSIBLE UNITS

TOILET ACCESSORY SCHEDULE
12" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



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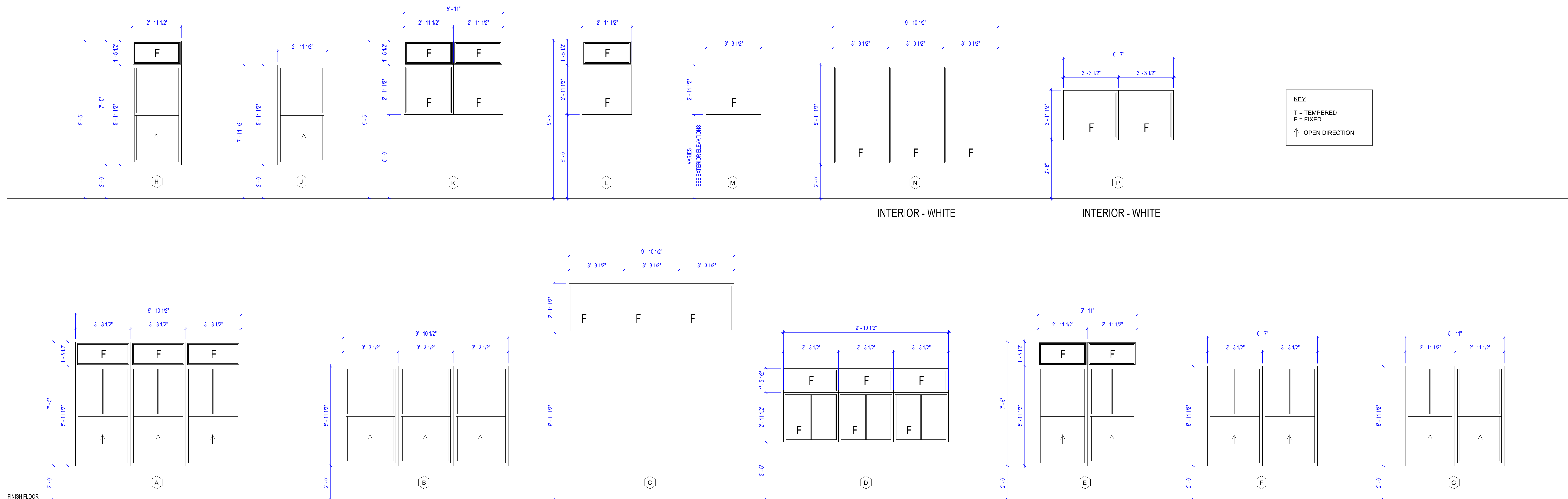
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ARCHITECT : DAS	CHECKED : AAT
ENGINEER :	APPROVED : CRJ
NO. 2	REVISION DESCRIPTION DATE
	Rev 1 - Permit Comments 02/15/24

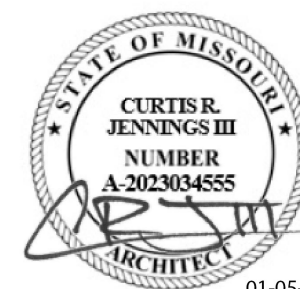
DRAWING TITLE

PARTITION TYPES,
APPLIANCE SCH. & TOILET
ACCESSORY SCH.

DATE: January 5, 2024	DRAWING
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CONSTRUCTION SET



01-05-2024

PROJECT TITLE



John Knox Village

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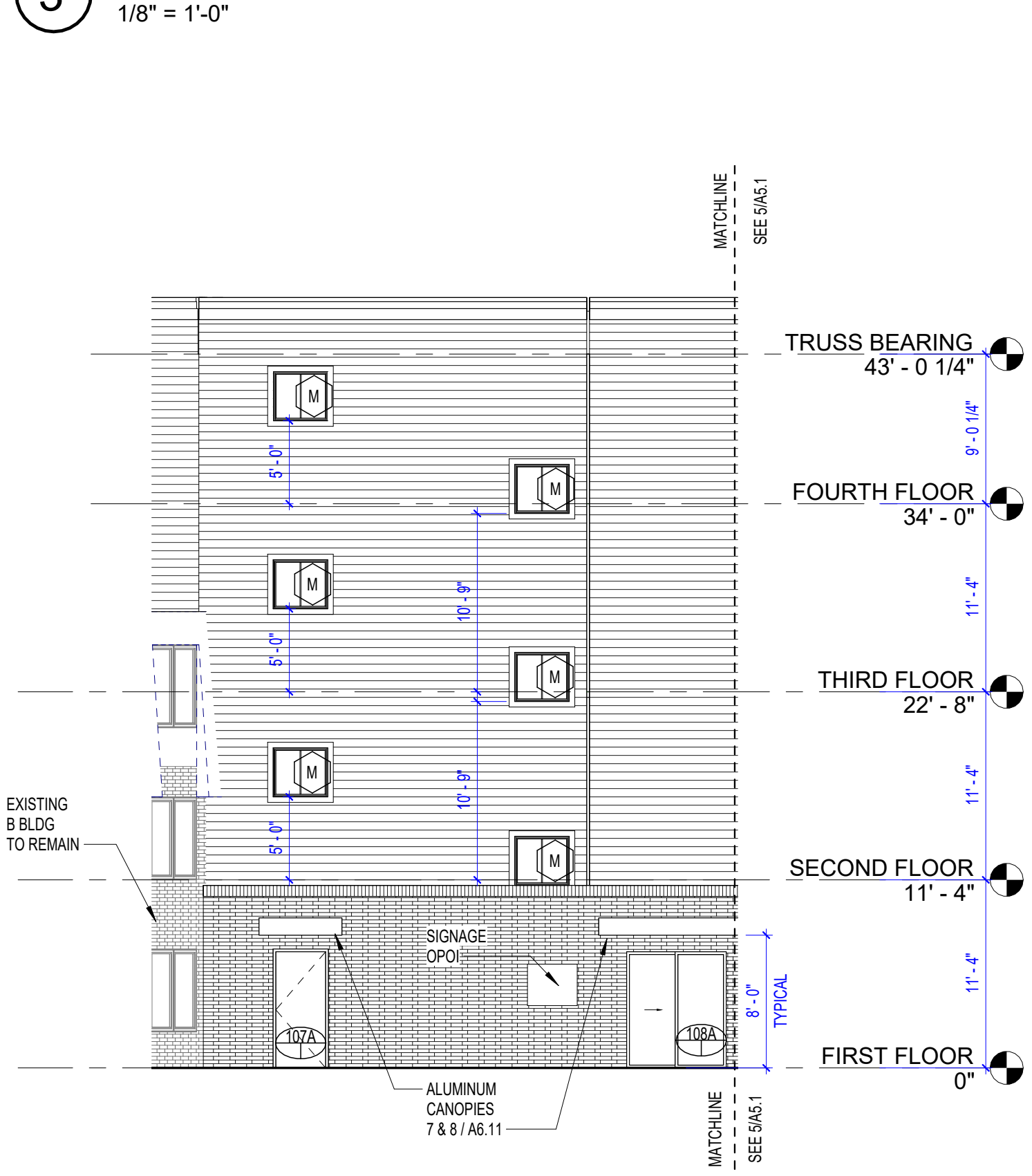
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ENGINEER :	APPROVED : CRJ
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WINDOW ELEVATIONS

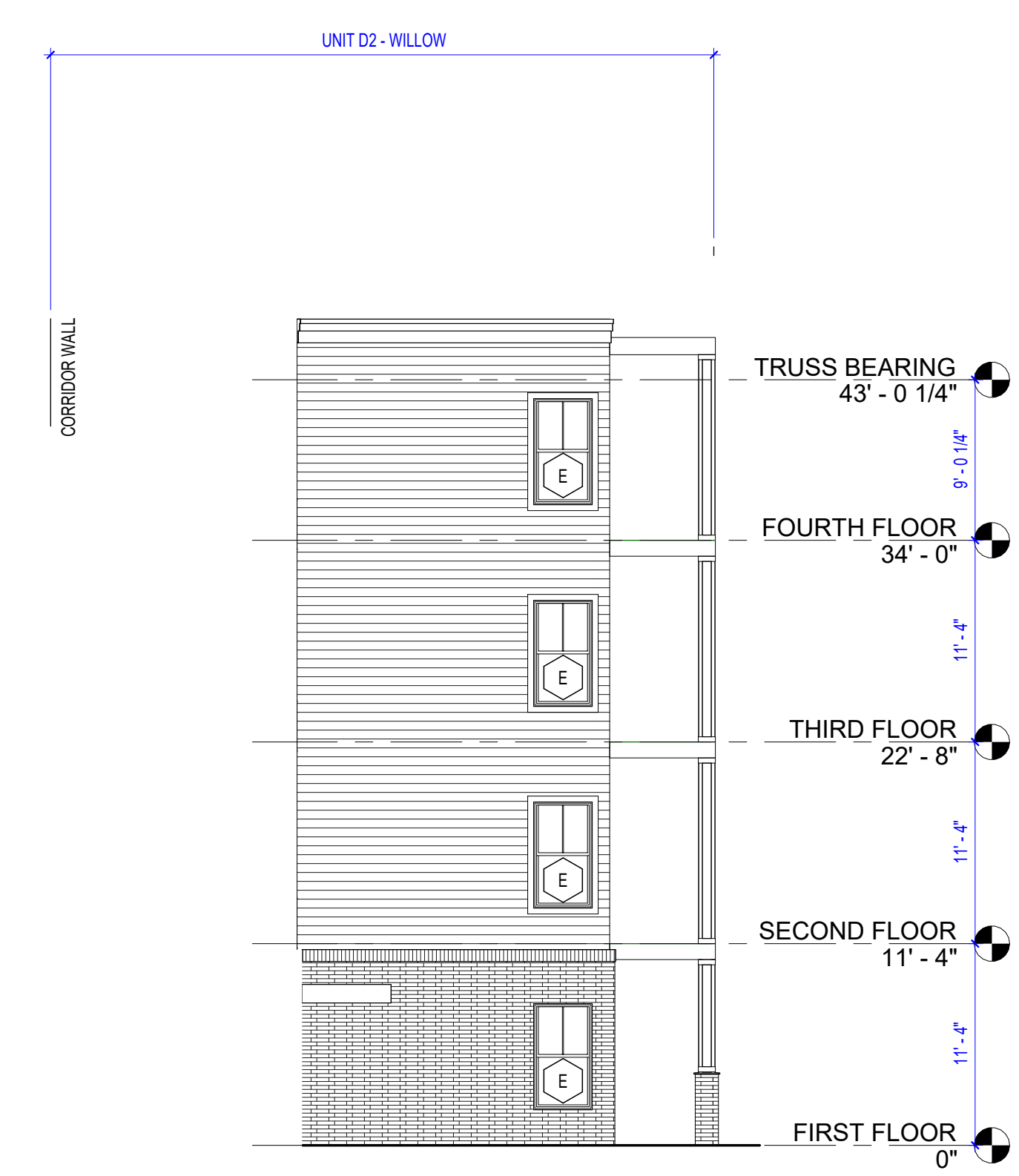
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3 EAST ELEVATION A
1/8" = 1'-0"



5 EAST ELEVATION B
1/8" = 1'-0"



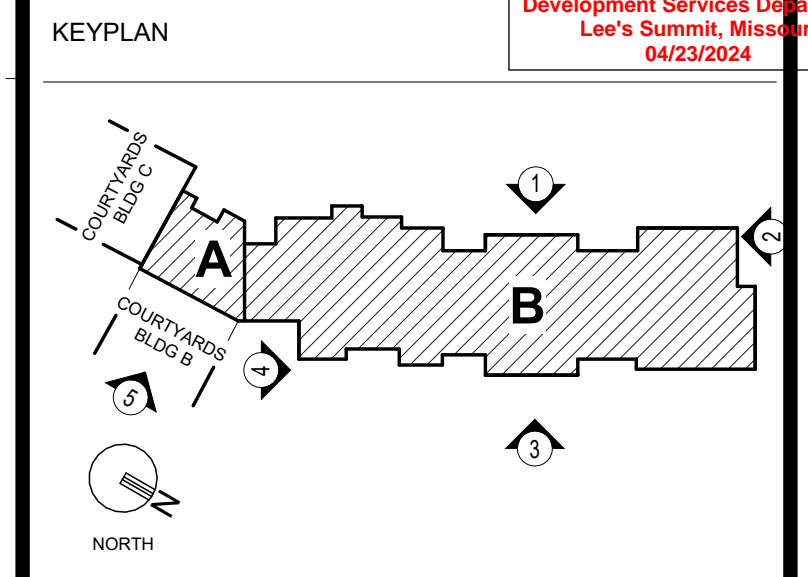
4 SOUTH ELEVATION
1/8" = 1'-0"



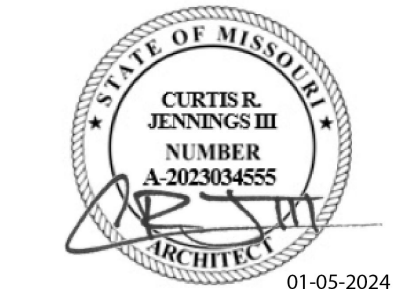
2 NORTH ELEVATION
1/8" = 1'-0"



1 WEST ELEVATION
1/8" = 1'-0"



CONSTRUCTION SET



PROJECT TITLE

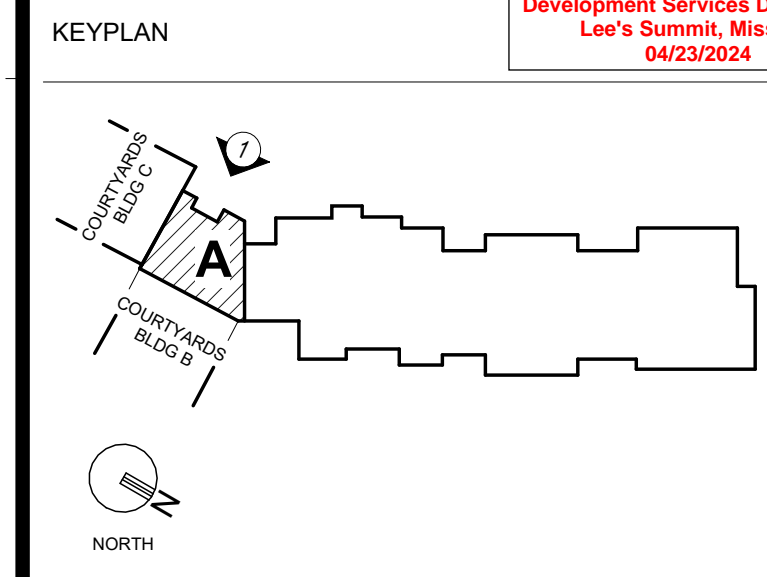
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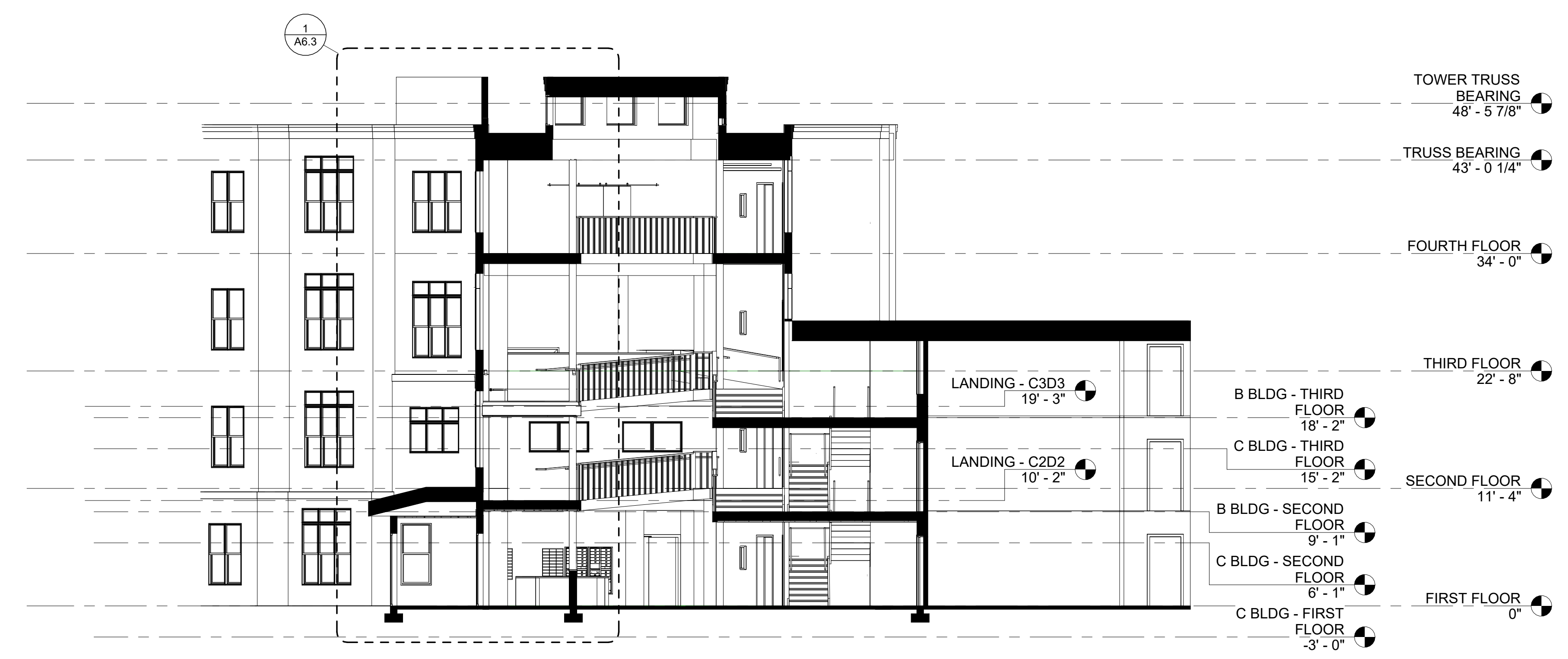
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ARCHITECT : DAS	CHECKED : DAS
ENGINEER :	APPROVED :
NO.	REVISION DESCRIPTION

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EXTERIOR ELEVATIONS

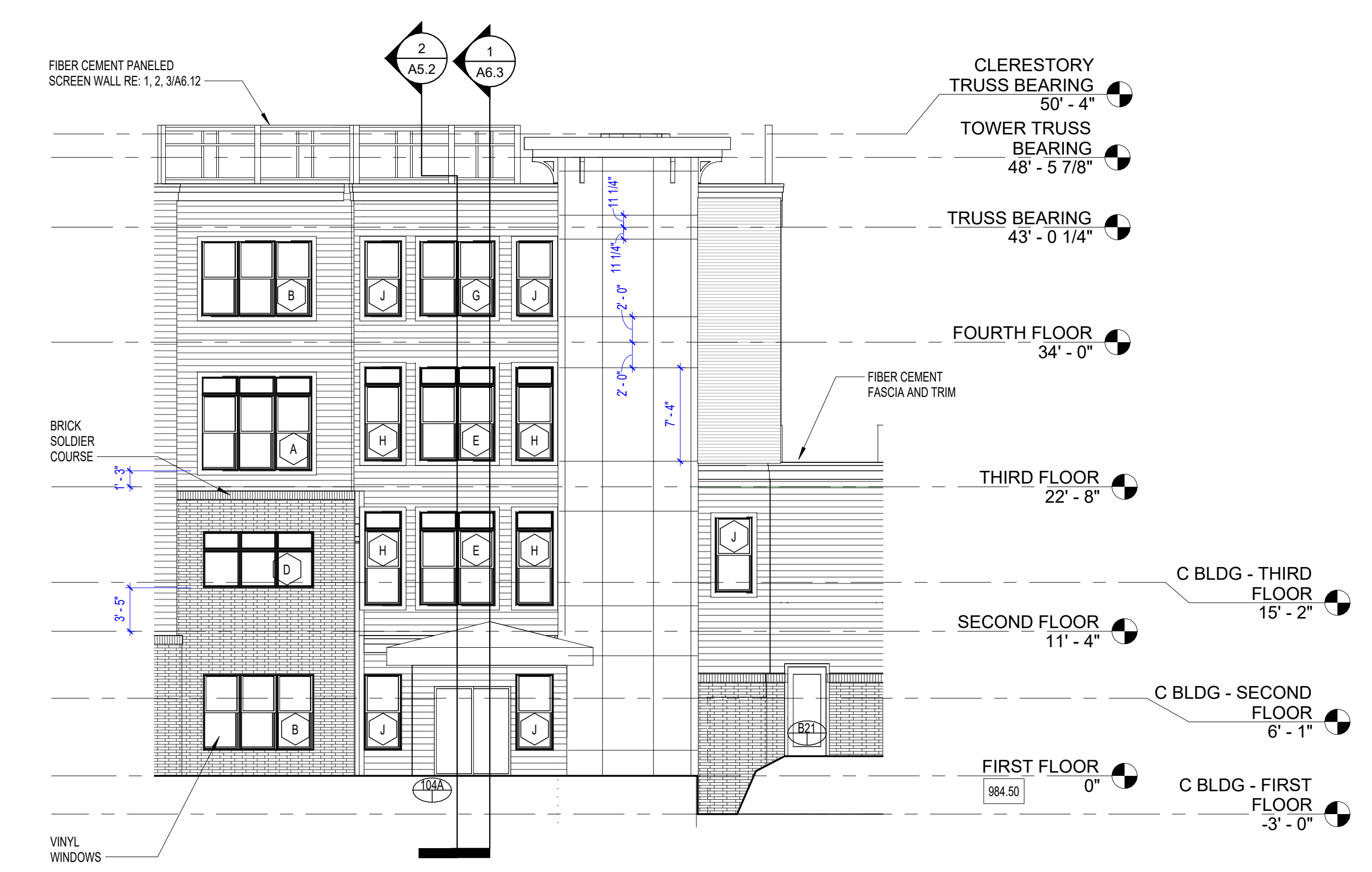
DATE: January 5, 2024
COMM. NO. 23104.00
DRAWING
A5.1



3 ATRIUM - LONGITUDINAL SECTION
1/8" = 1'-0"

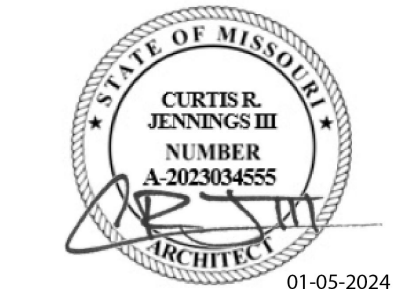


2 ATRIUM CROSS SECTION
1/8" = 1'-0"



1 WEST ELEVATION ATRIUM
1/8" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



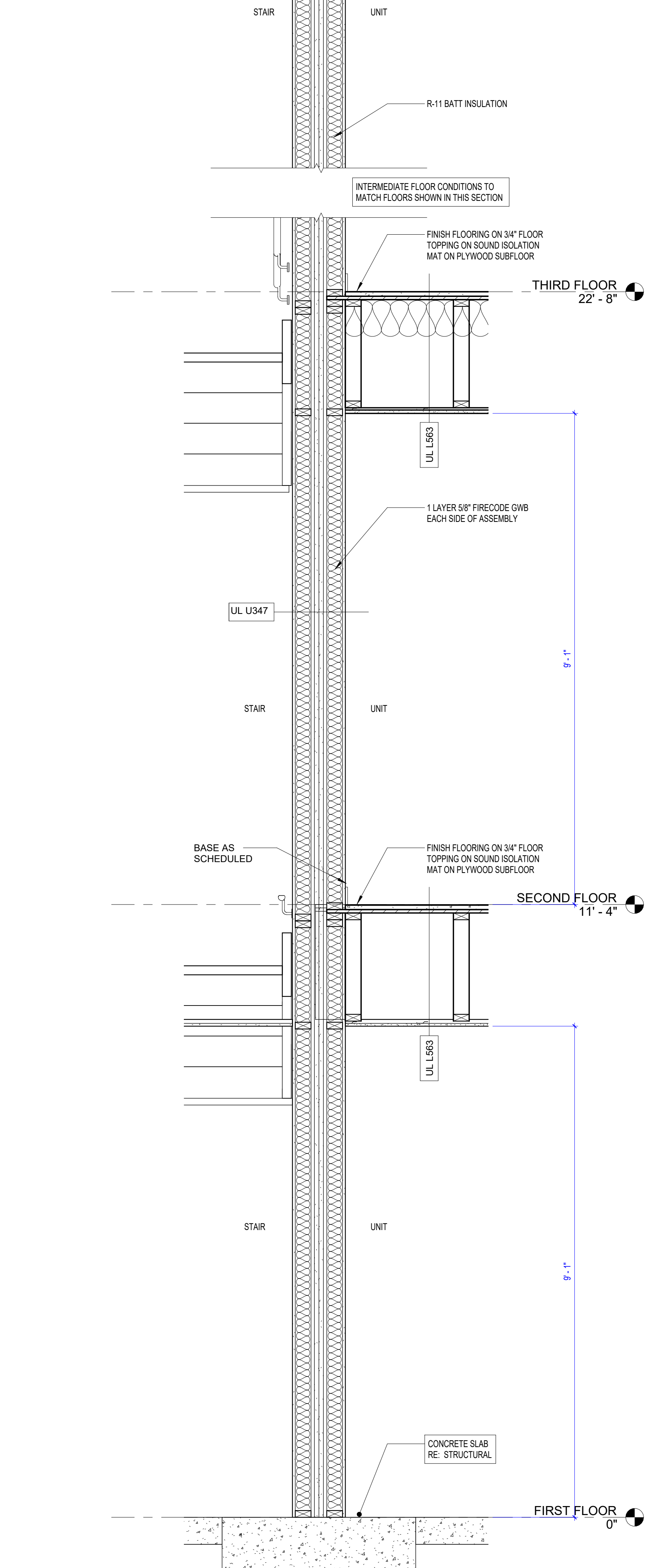
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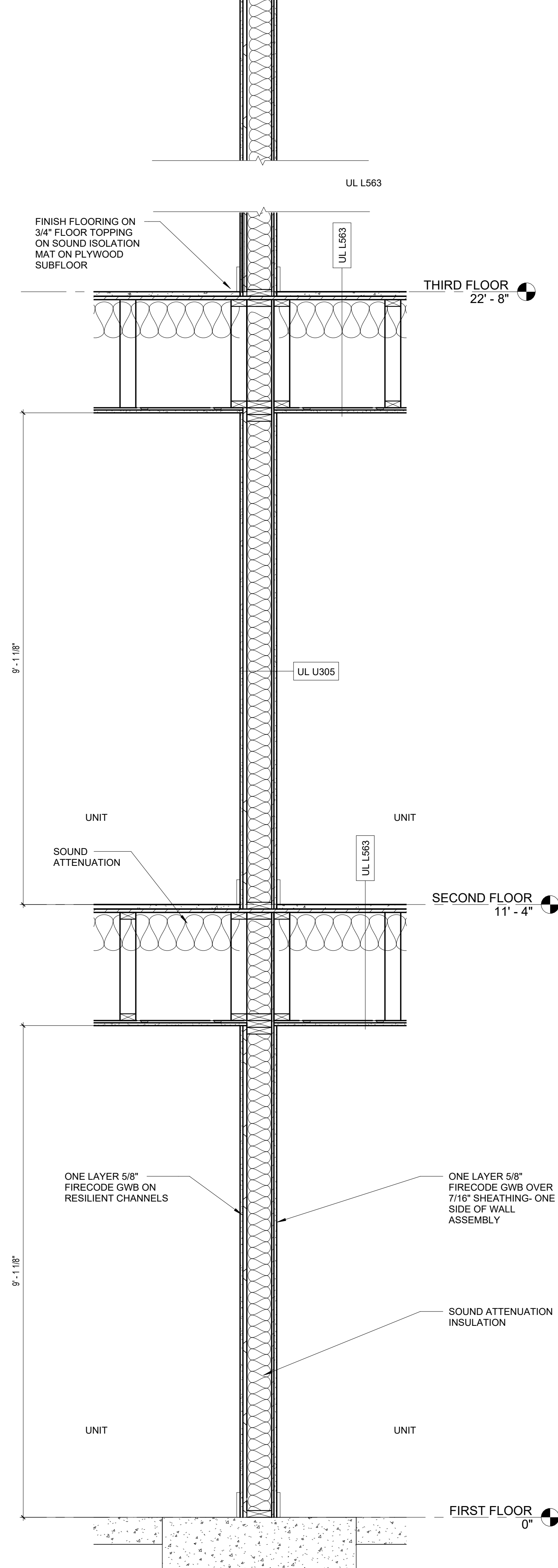
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ARCHITECT : DAS	CHECKED : AAT	
ENGINEER :	APPROVED : CRJ	
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EXTERIOR ELEVATIONS &
BUILDING SECTIONS

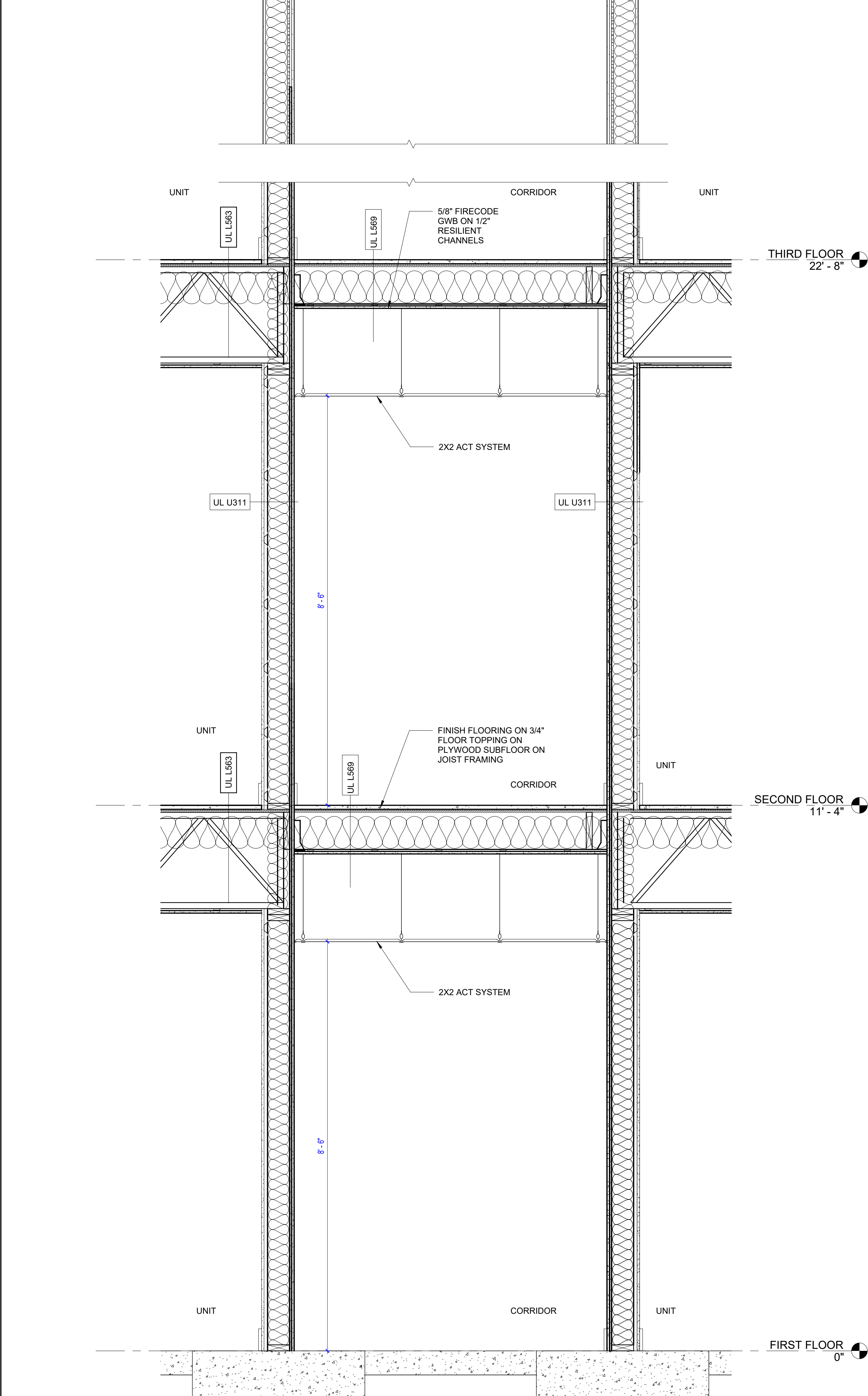
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A5.2



3 TYPICAL SHAFT WALL
3/4" = 1'-0"



2 TYPICAL TENANT WALL SECTION



1 CORRIDOR
3/4" = 1'-0"

GENERAL NOTES

1. DETAILS / SECTIONS SHOWN ON DRAWINGS ARE TYPICAL AND MAY APPLY TO LOCATIONS OTHER THAN WHERE SPECIFICALLY MARKED ON THE PLANS. IF SECTIONS OR DETAILS DO NOT REPRESENT ALL REQUIRED CONDITIONS, THE ARCHITECT SHALL BE CONTACTED FOR CLARIFICATION BY THE GENERAL CONTRACTOR

CONSTRUCTION SET



PROJECT TITLE



COURTYARDS - BUILDING E

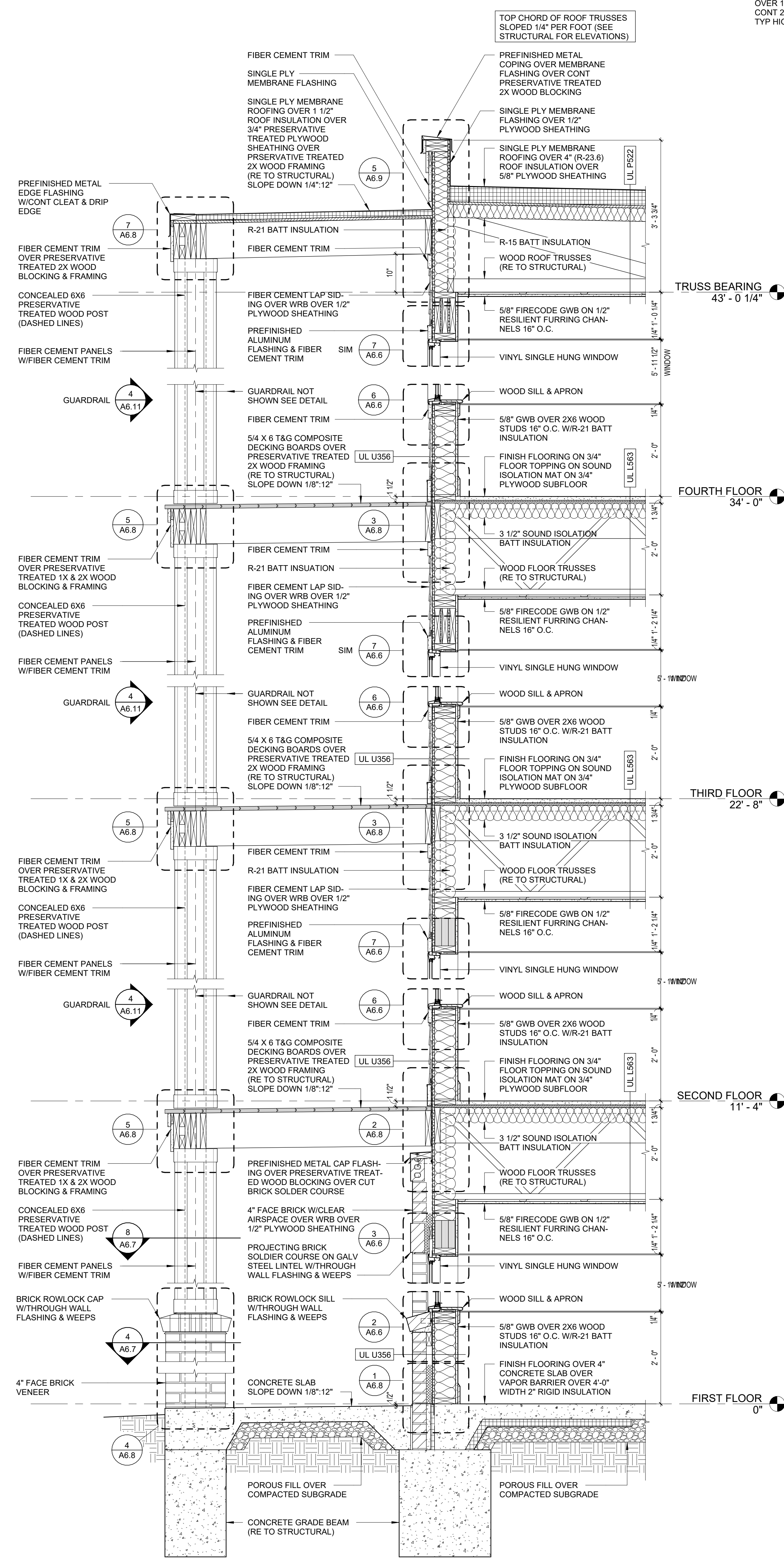
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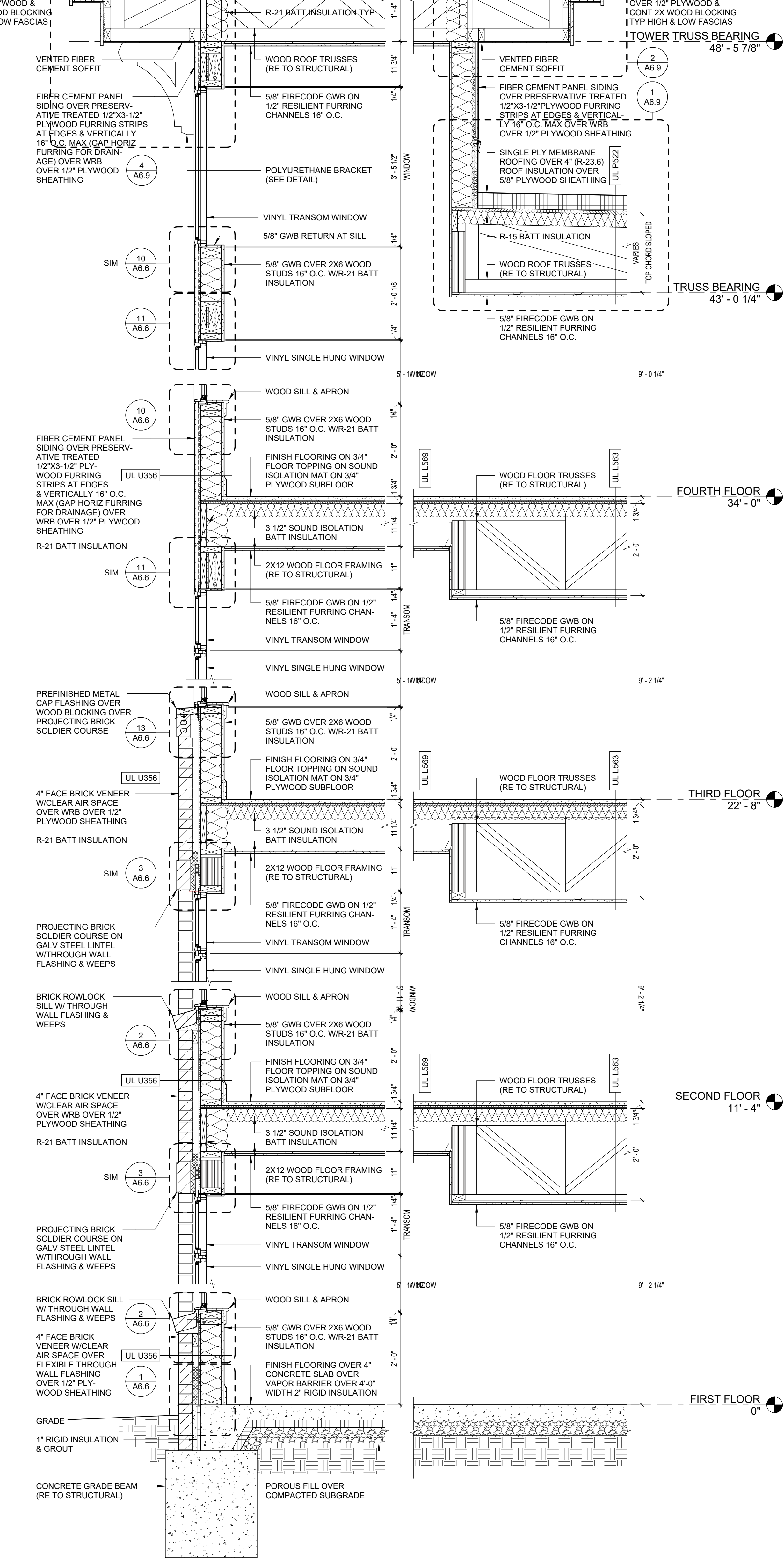
DESIGNER : DAS	DRAWN : DAS
ARCHITECT : DAS	CHECKED : AAT
ENGINEER :	APPROVED : CRJ
NO.	REVISION DESCRIPTION

DRAWING TITLE
WALL SECTIONS - TYPICAL

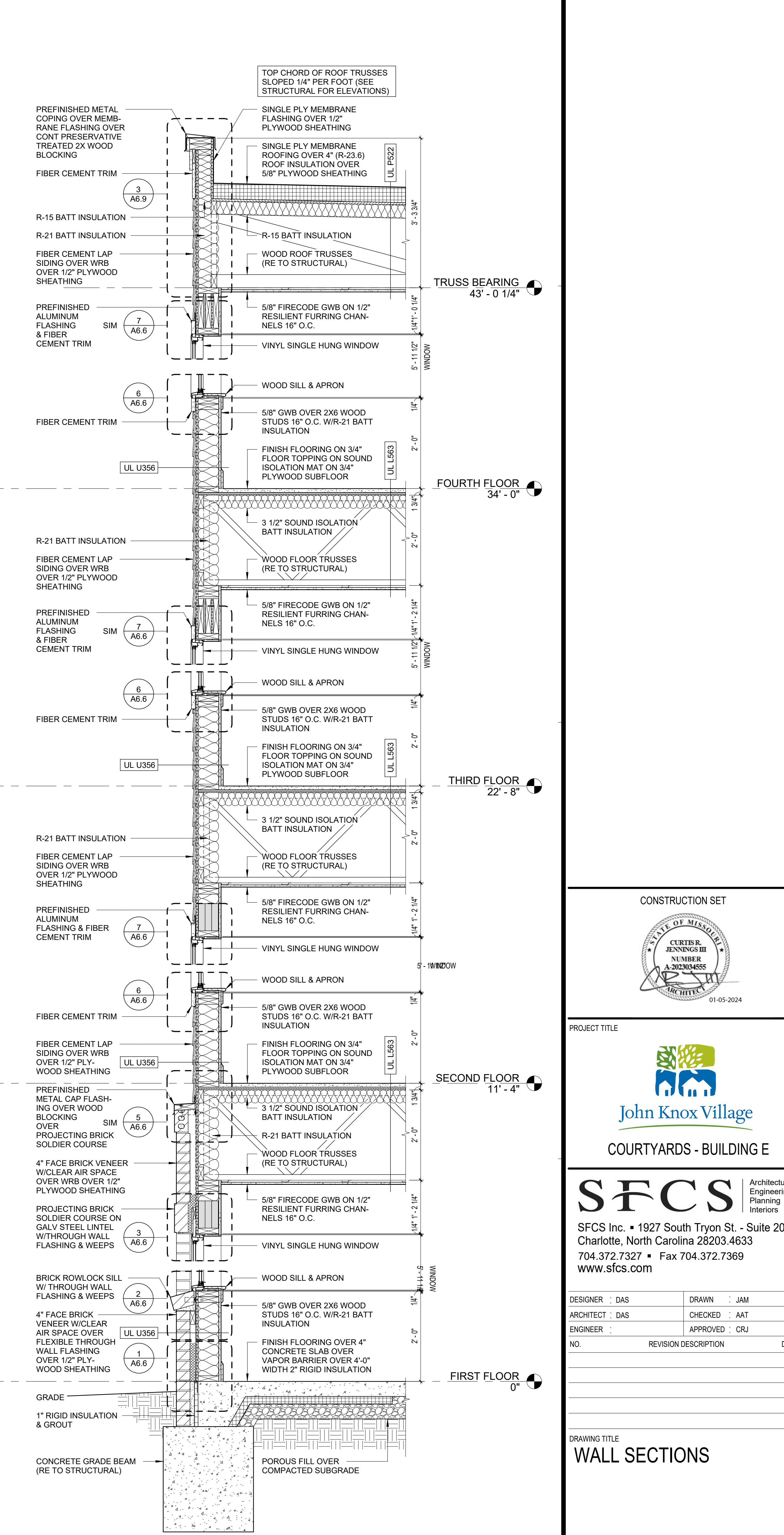
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COMM. NO.	23104.00	



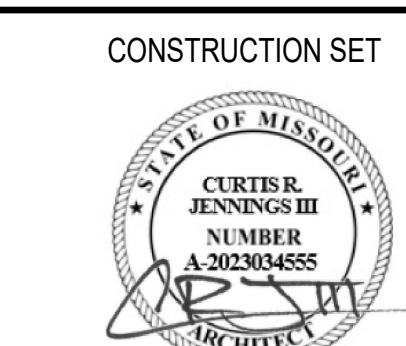
3 WALL SECTION 3
3/4" = 1'-0"



2 WALL SECTION 2
3/4" = 1'-0"



1 WALL SECTION 1
3/4" = 1'-0"



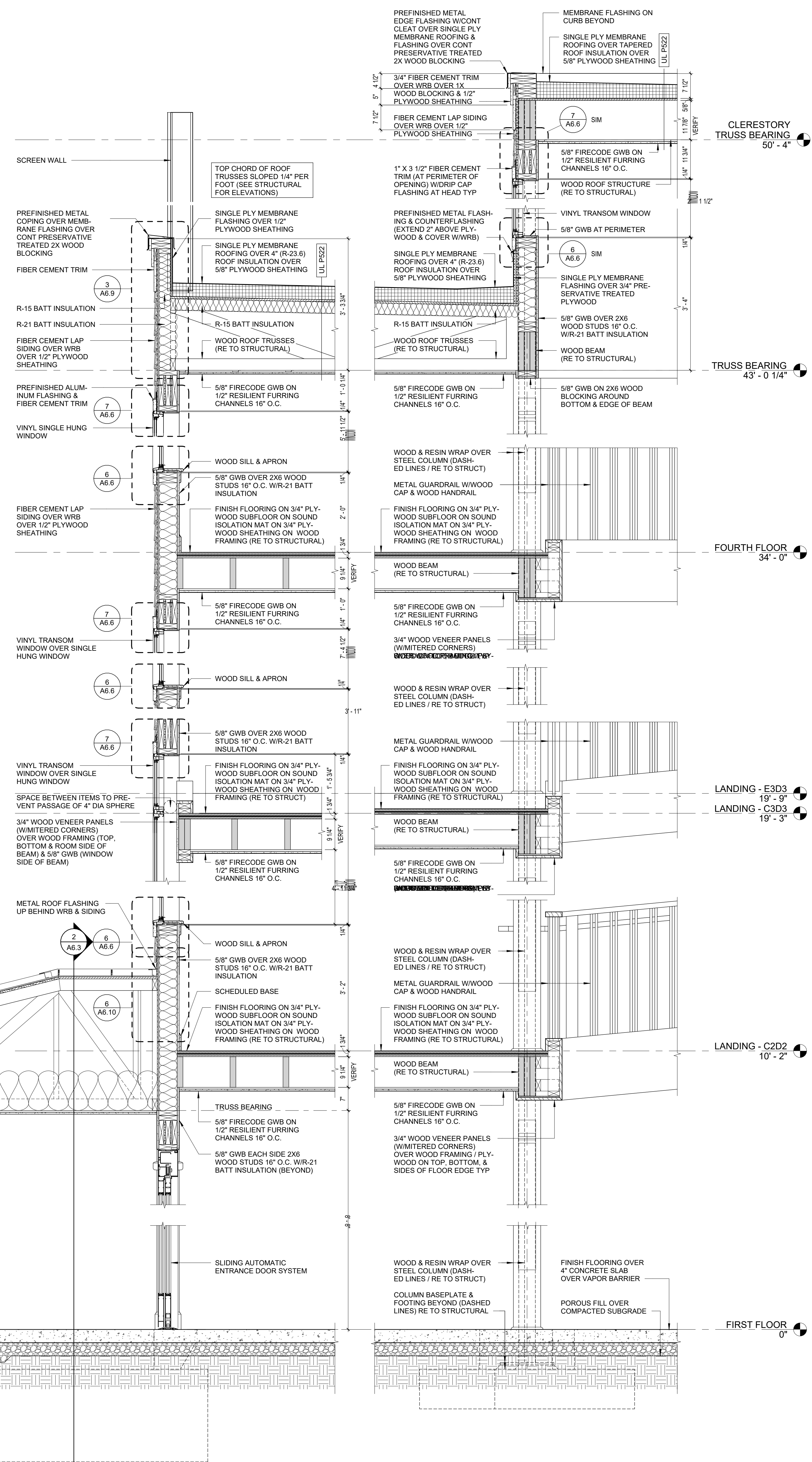
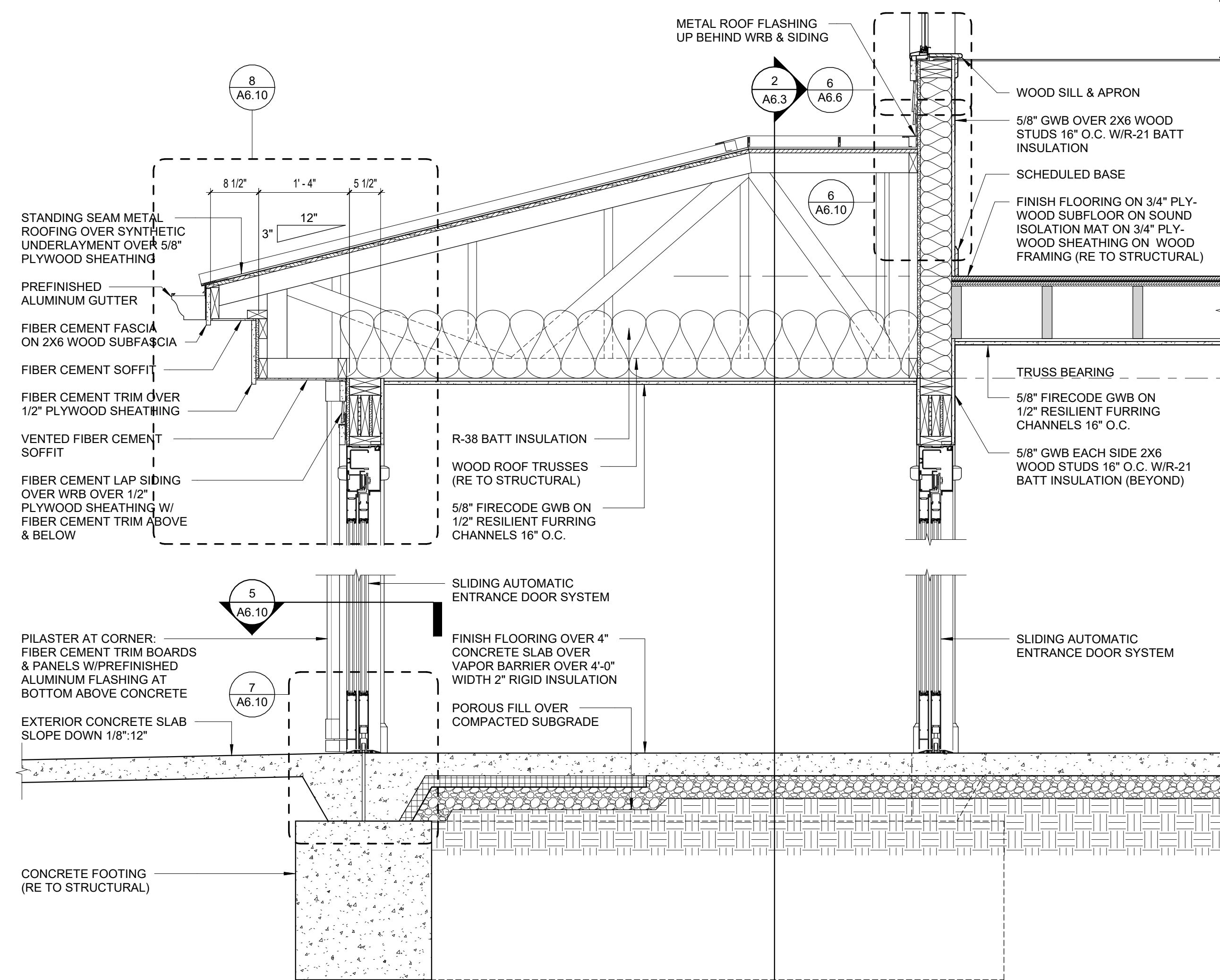
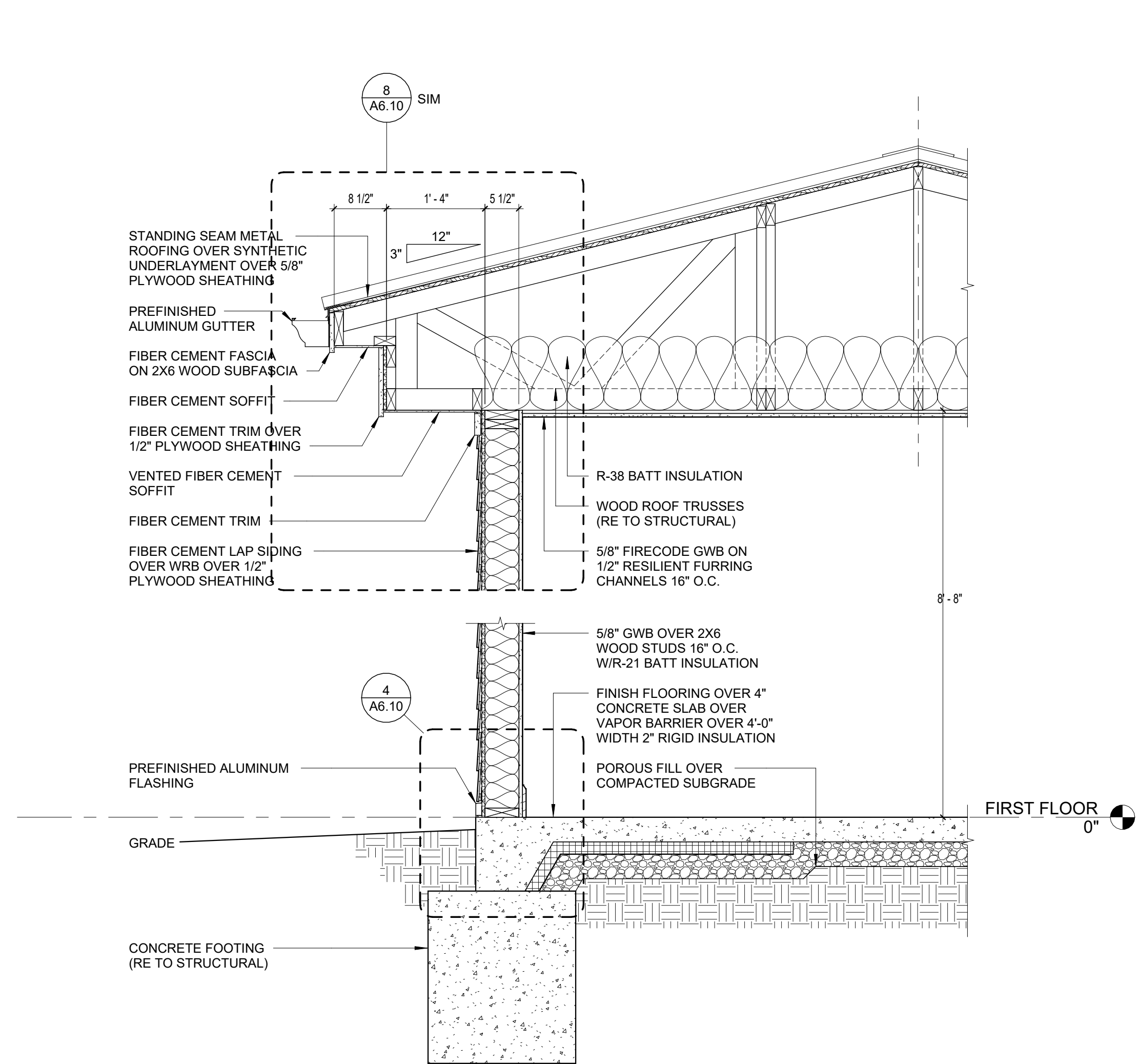
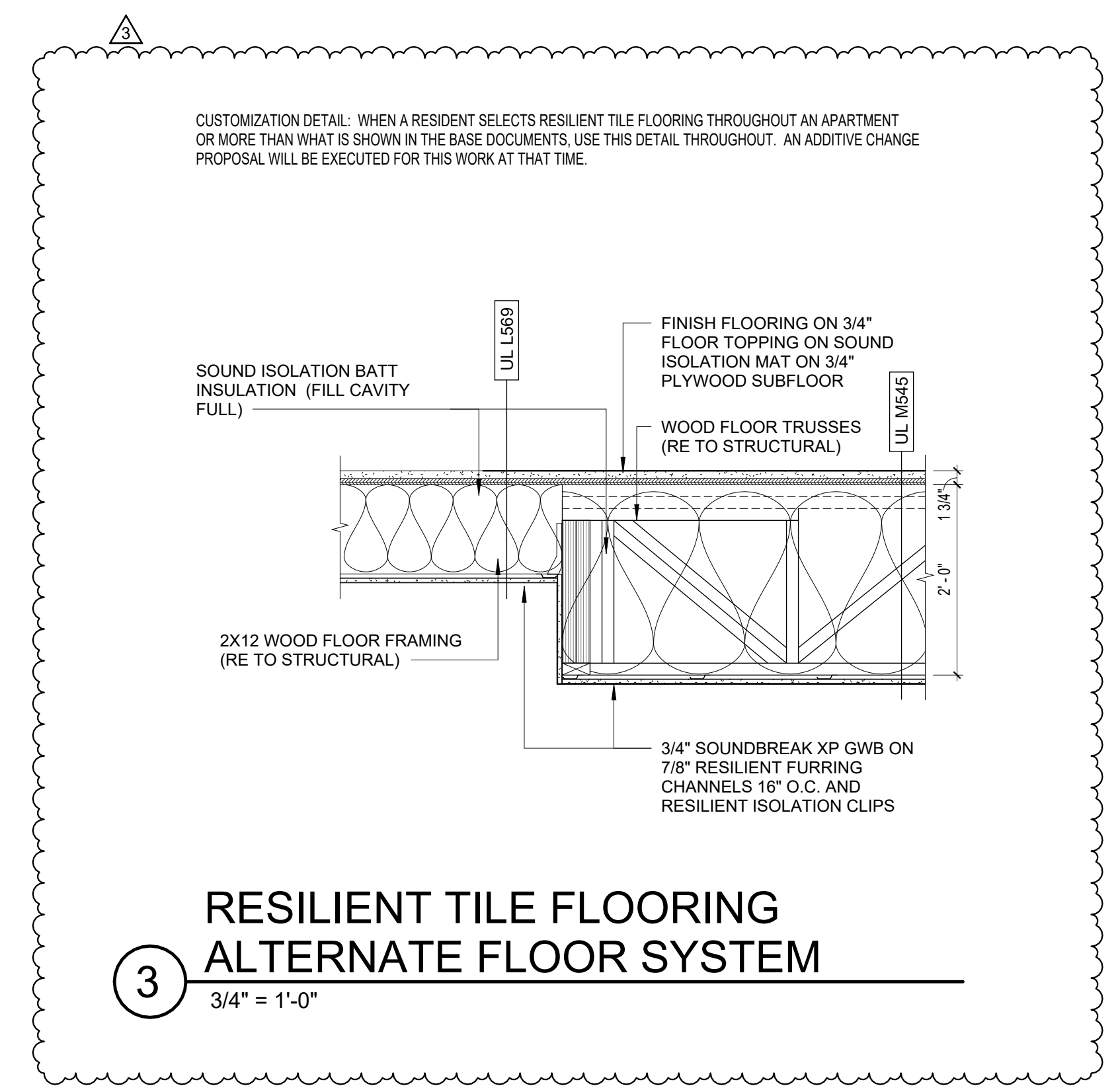
CONSTRUCTION SET
PROJECT TITLE
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ARCHITECT : AAT	CHECKED : AAT
ENGINEER : CRJ	APPROVED : CRJ
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DATE	

DRAWING TITLE
WALL SECTIONS

DATE: January 5, 2024
COM. NO.: 23104.00
DRAWING: A6.2



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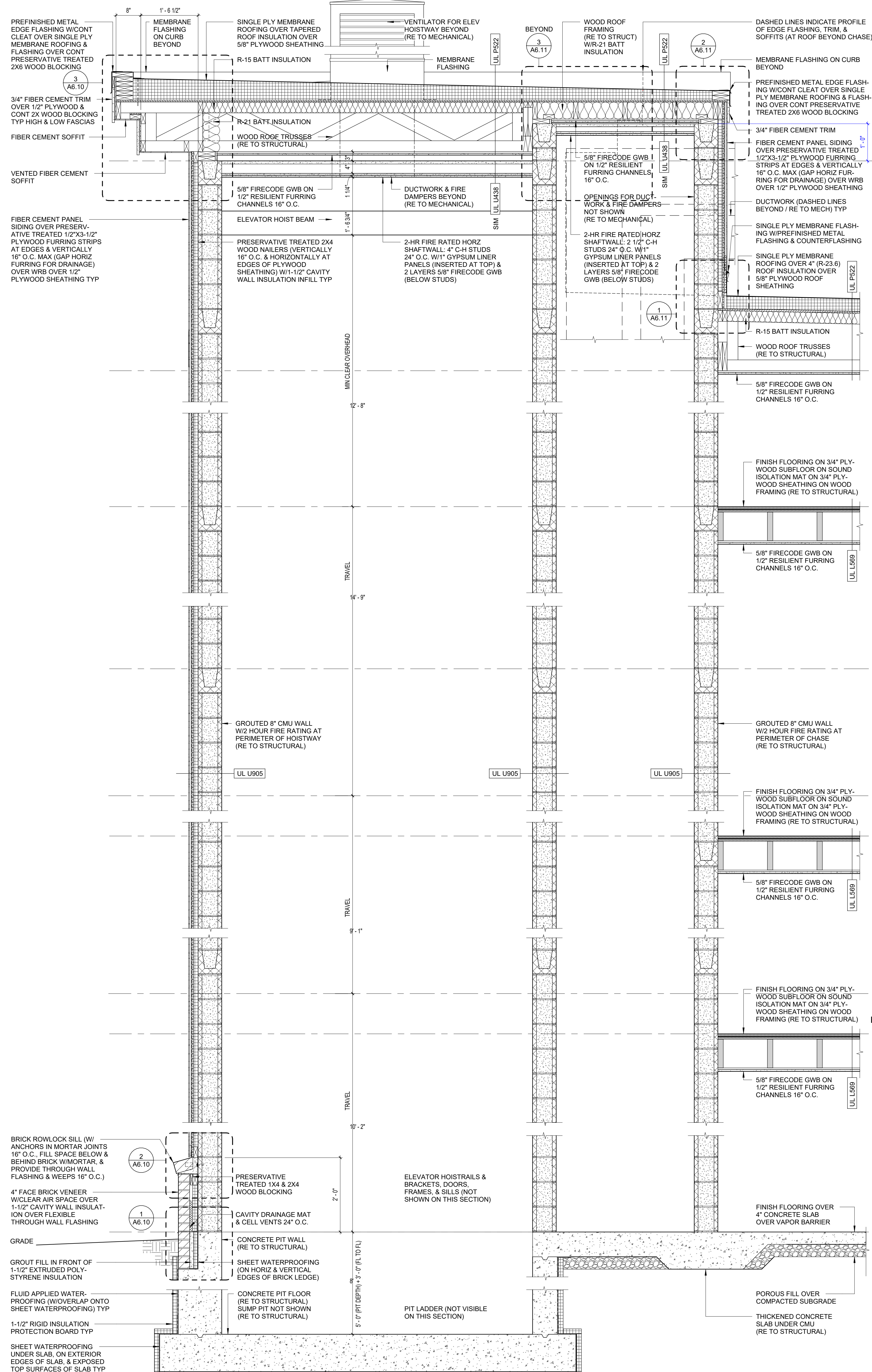
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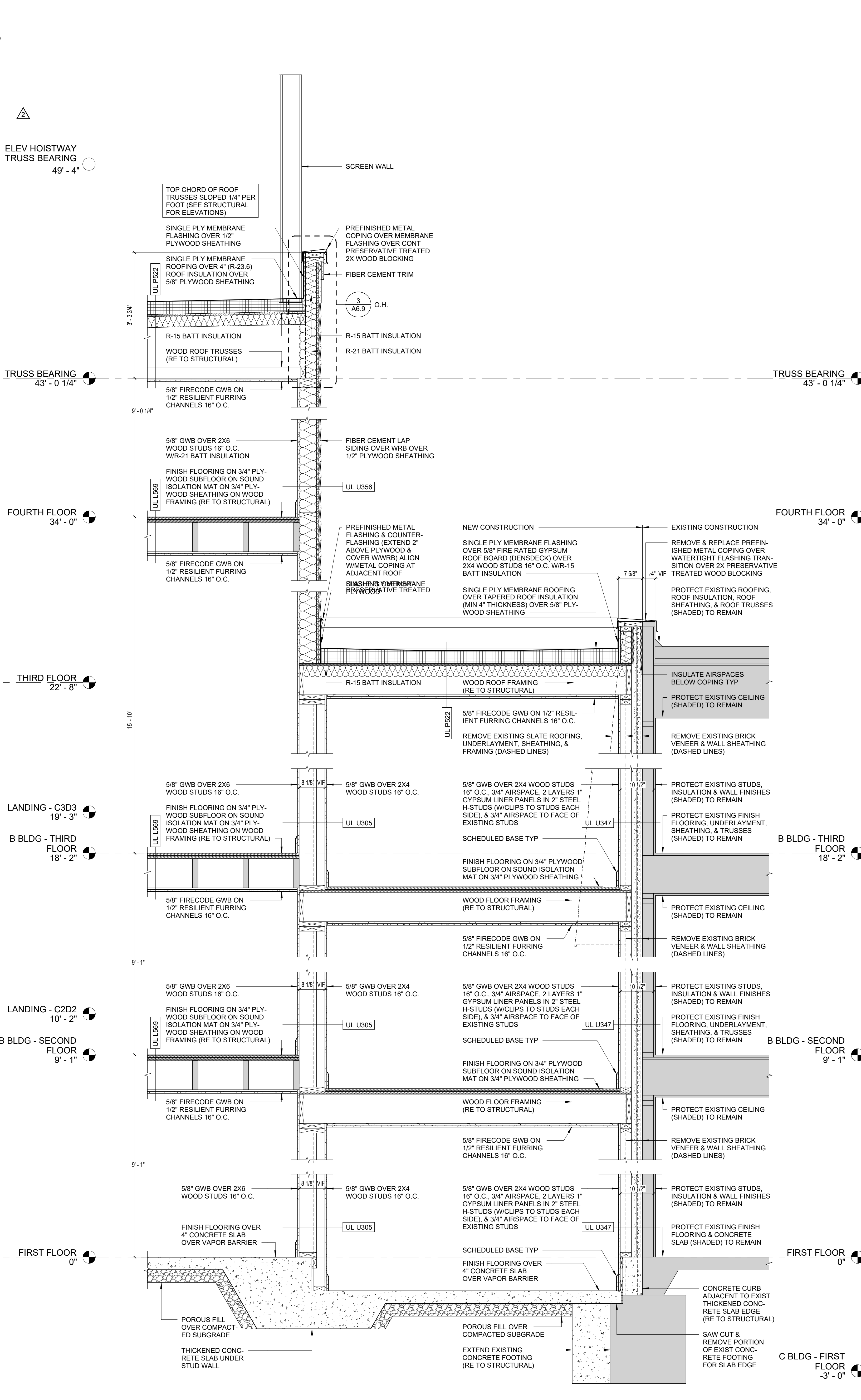
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ENGINEER		APPROVED	
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3	Addendum 1	03/07/24	
DRAWING TITLE			
WALL SECTIONS			
DATE: January 5, 2024		DRAWING	
COMM. NO. 23104.00		A6.3	



2 ELEVATOR #1 HOISTWAY SECTION
3/4" = 1'-0"



1 CORRIDOR SECTION
3/4" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



John Knox Village

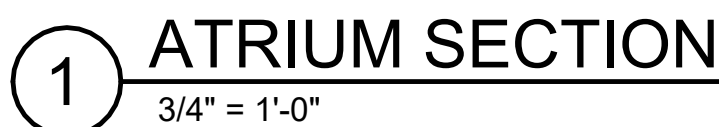
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2	Rev 1 - Permit Comments	02/15/24

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WALL SECTIONS

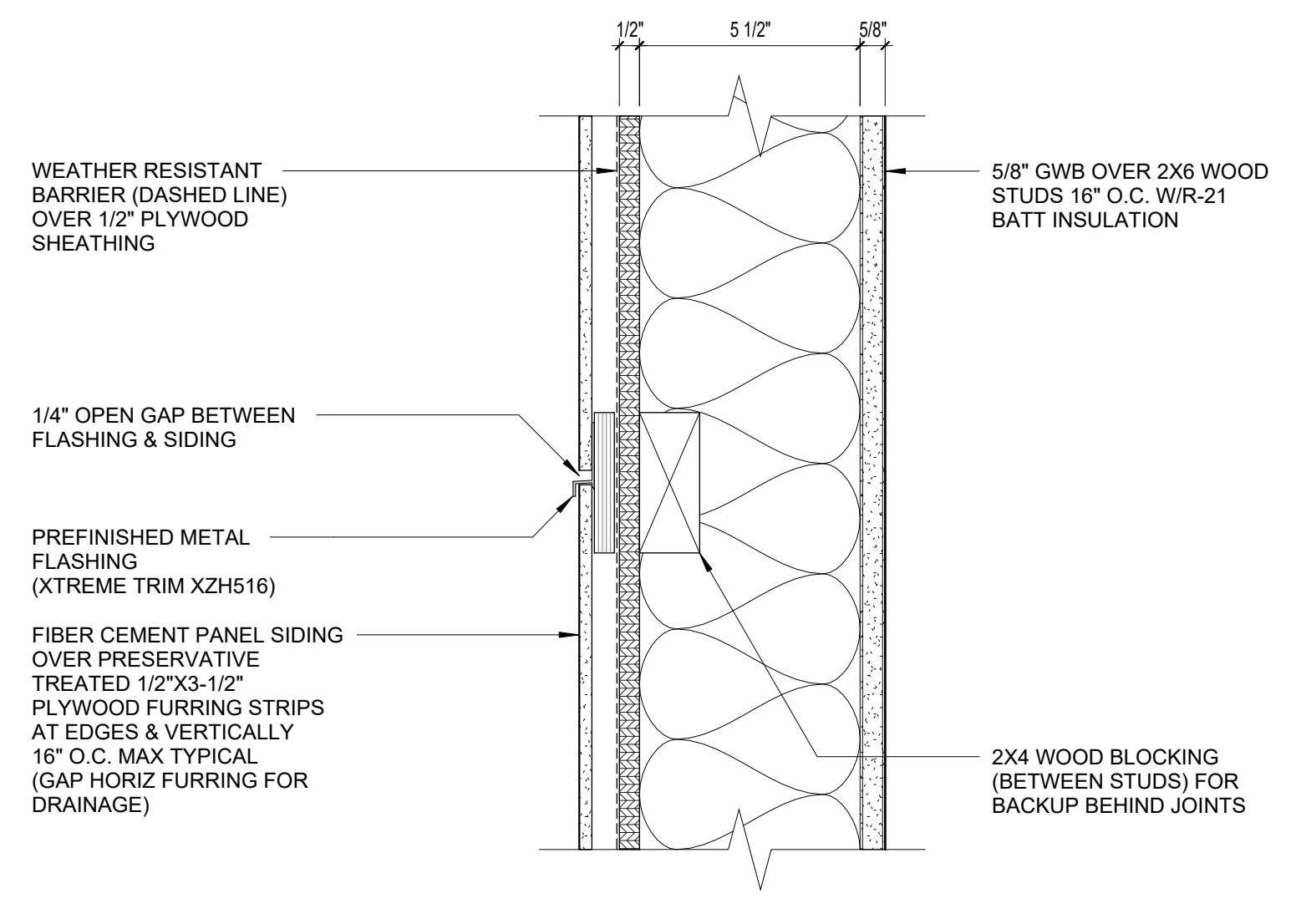
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A6.4



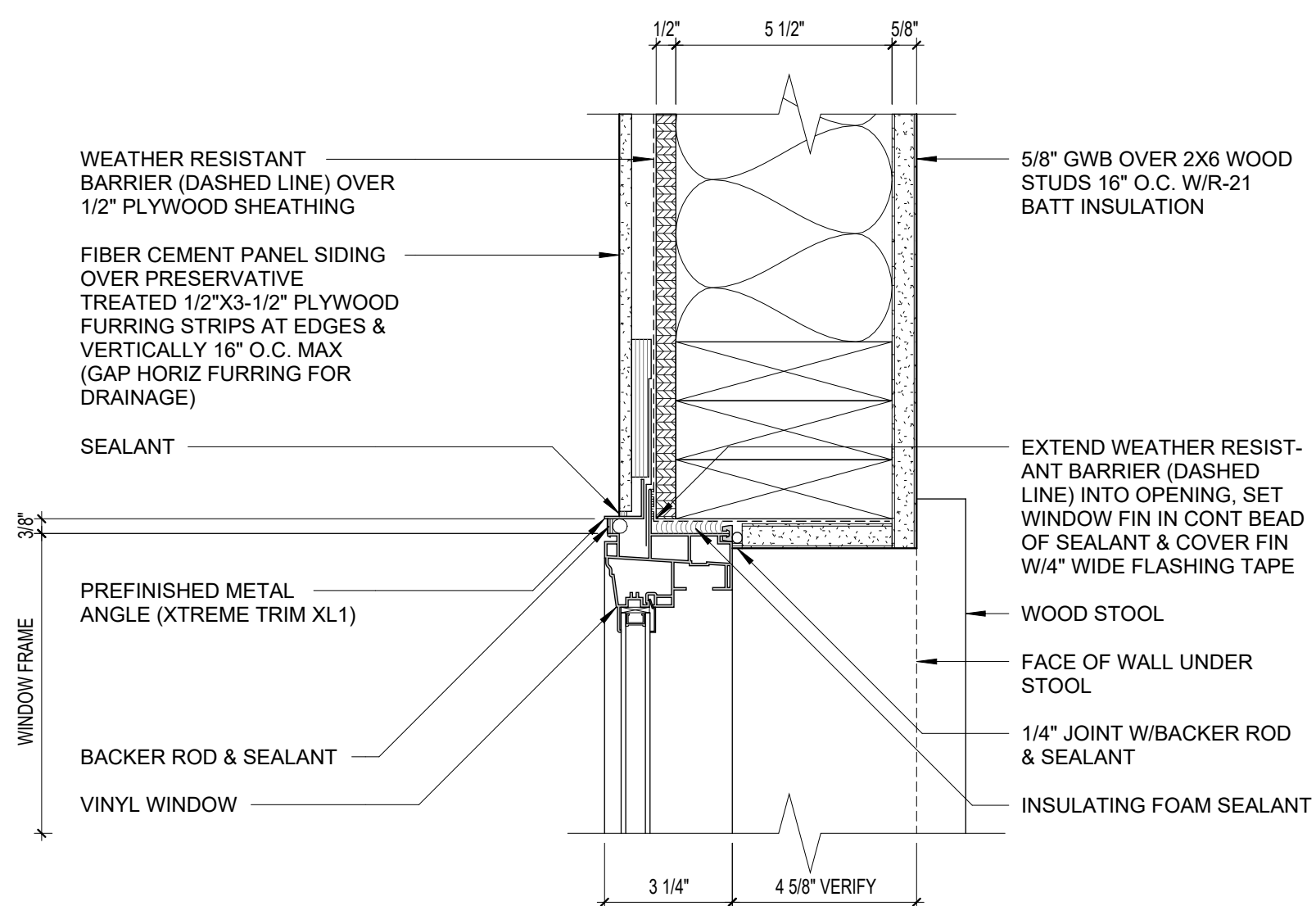
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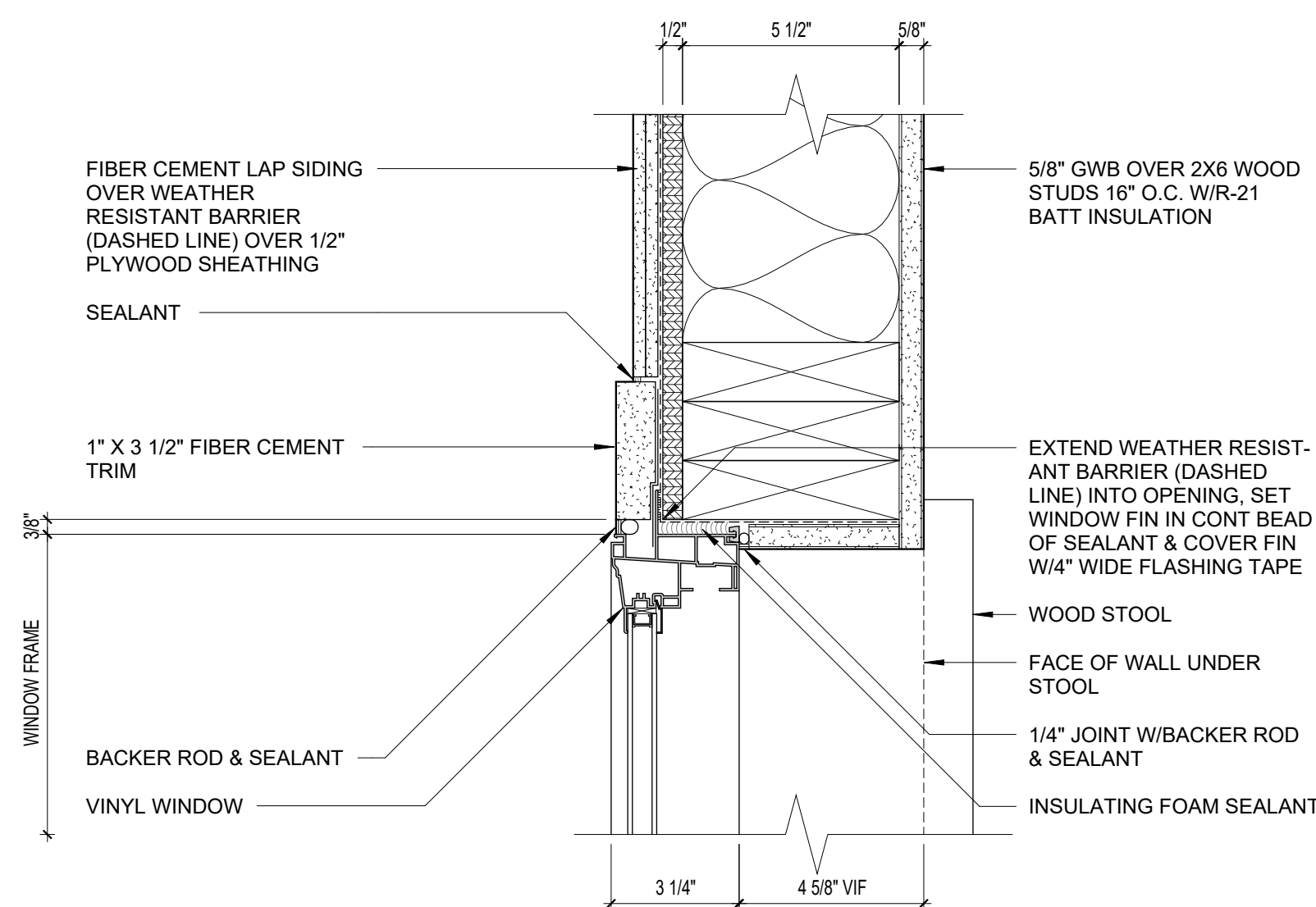
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COMM. NO.	23104.00	



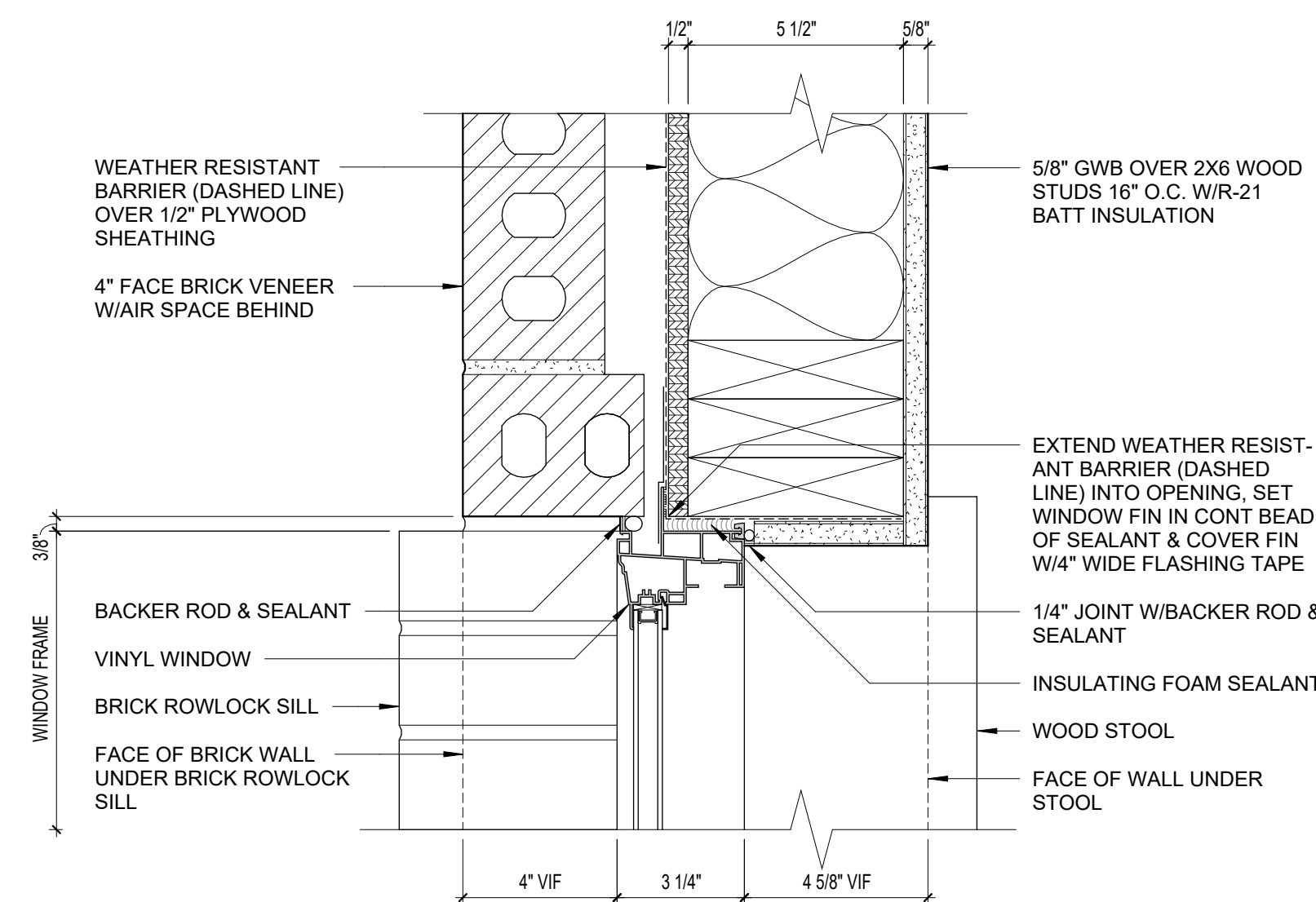
16 PANEL SIDING HORIZONTAL JOINT
3" = 1'-0"



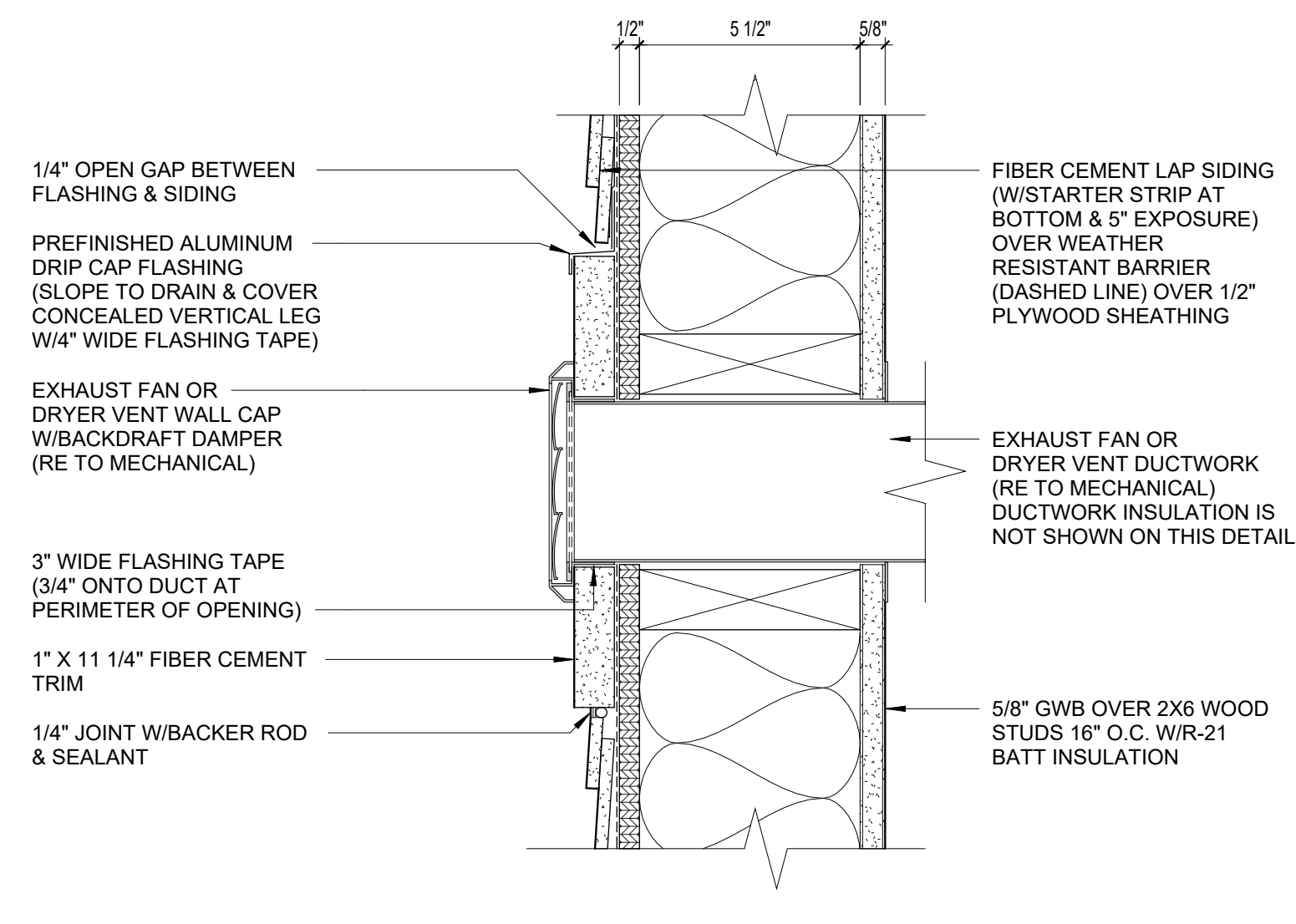
12 WINDOW JAMB AT PANEL SIDING
3" = 1'-0"



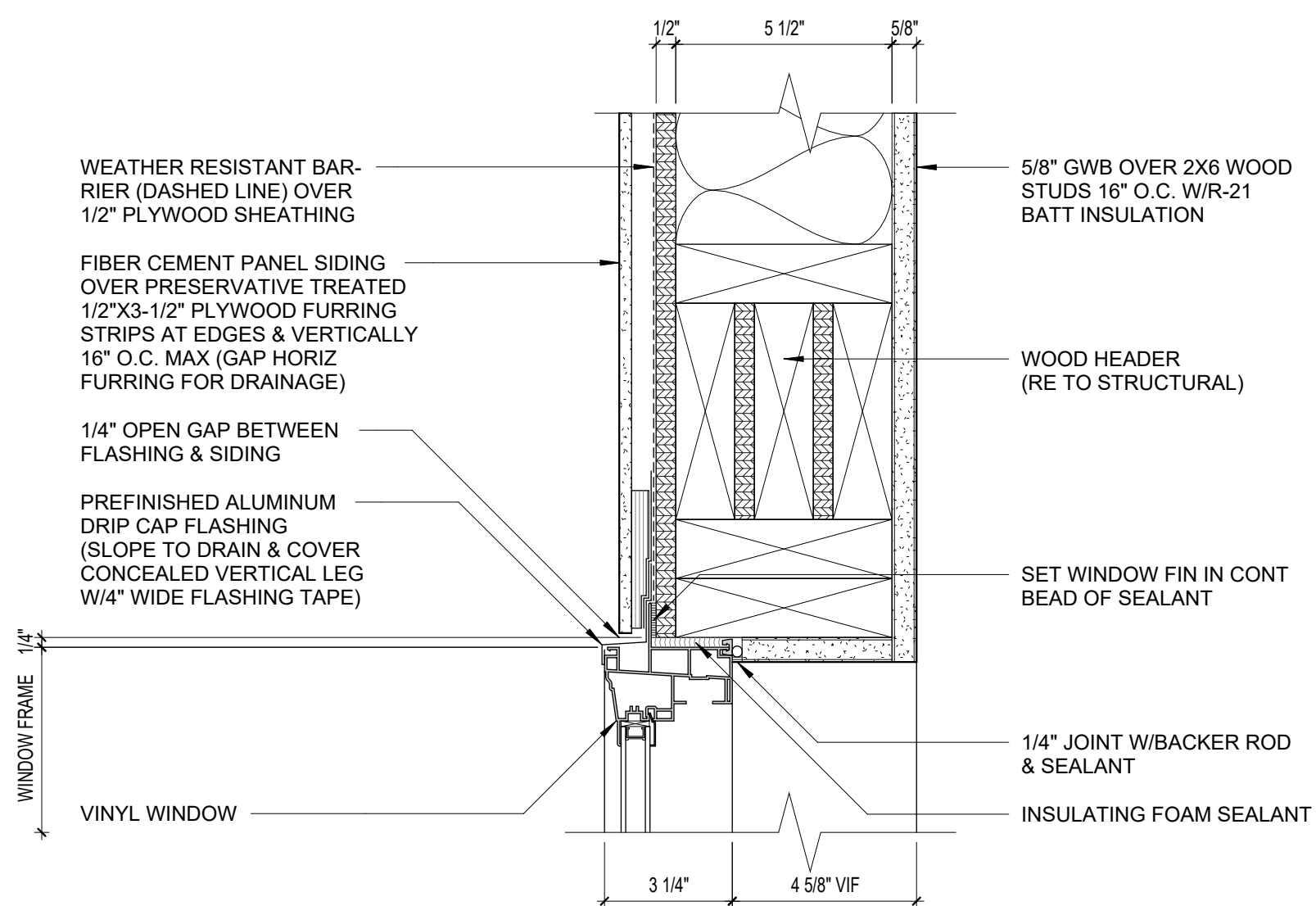
8 WINDOW JAMB AT LAP SIDING
3" = 1'-0"



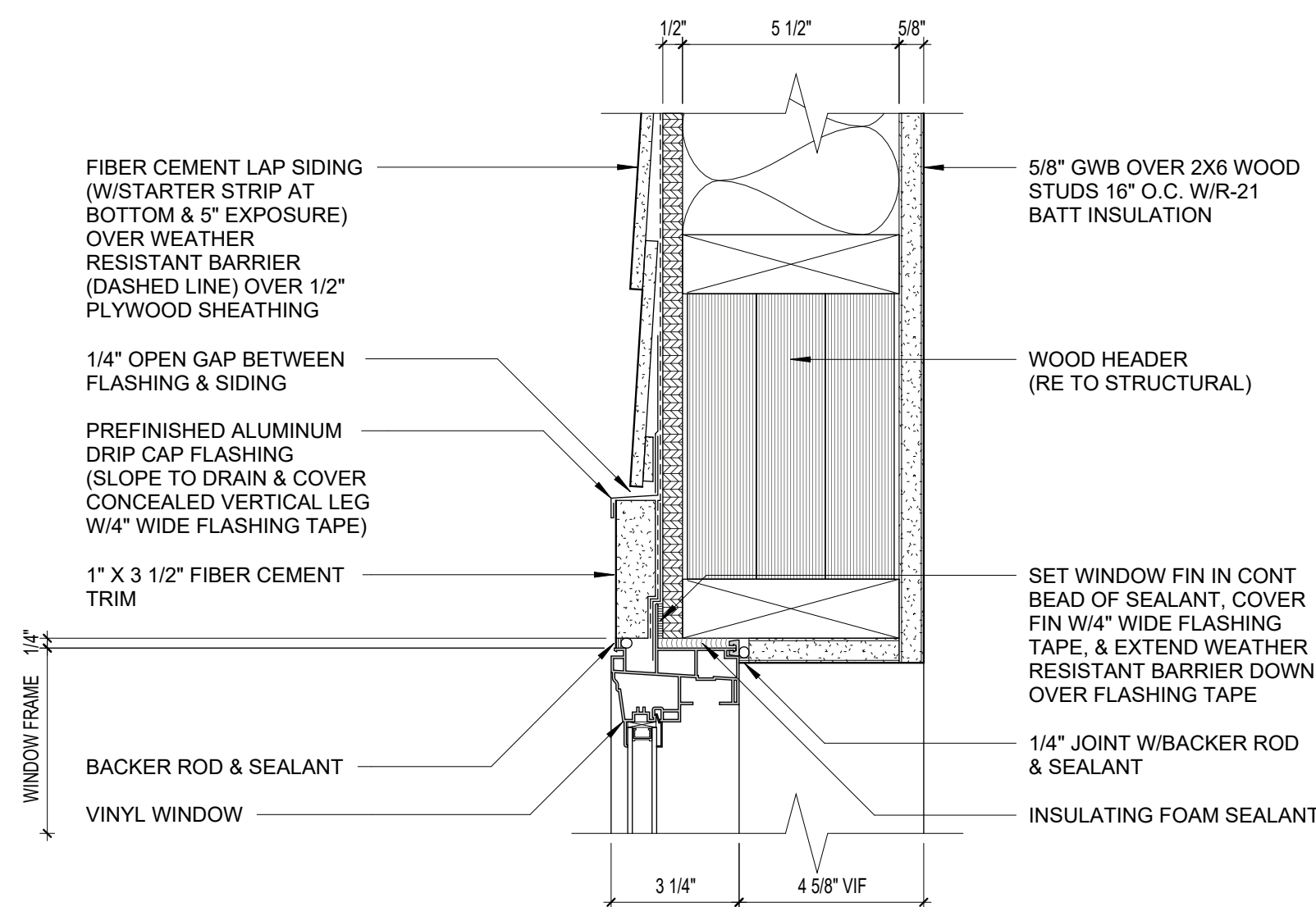
4 WINDOW JAMB AT BRICK
3" = 1'-0"



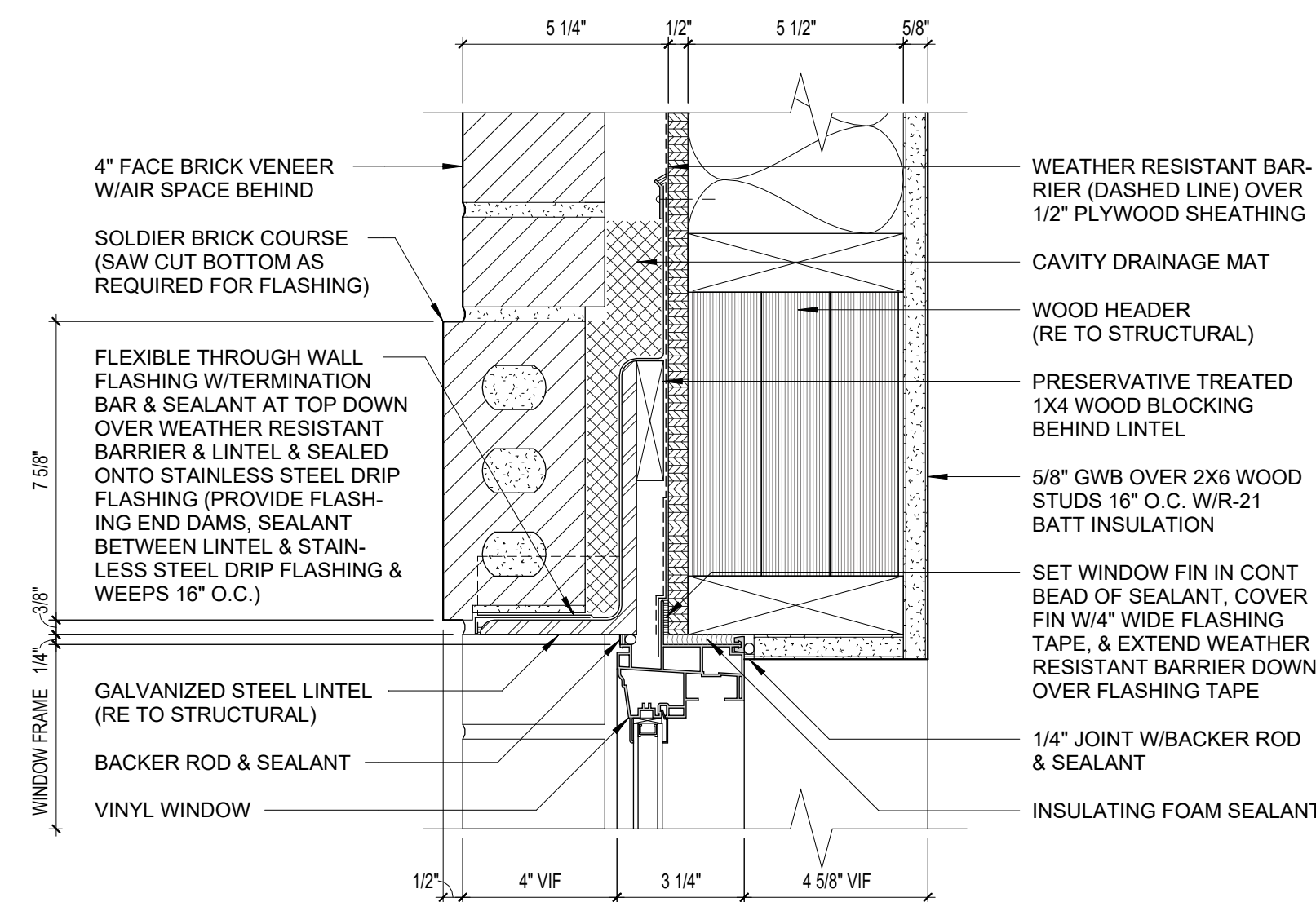
15 FAN OR DRYER VENT AT LAP SIDING
3" = 1'-0"



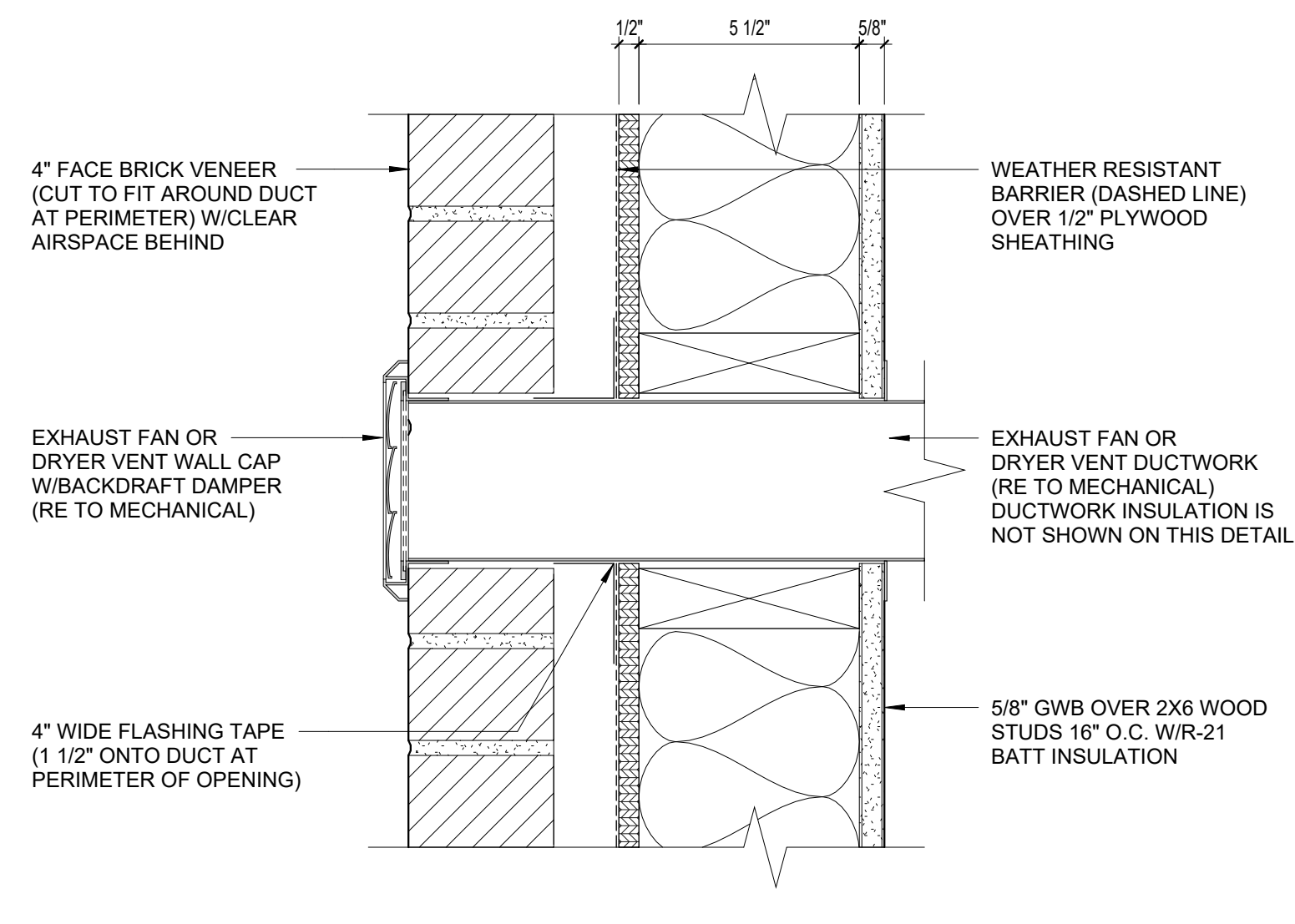
11 WINDOW HEAD AT PANEL SIDING
3" = 1'-0"



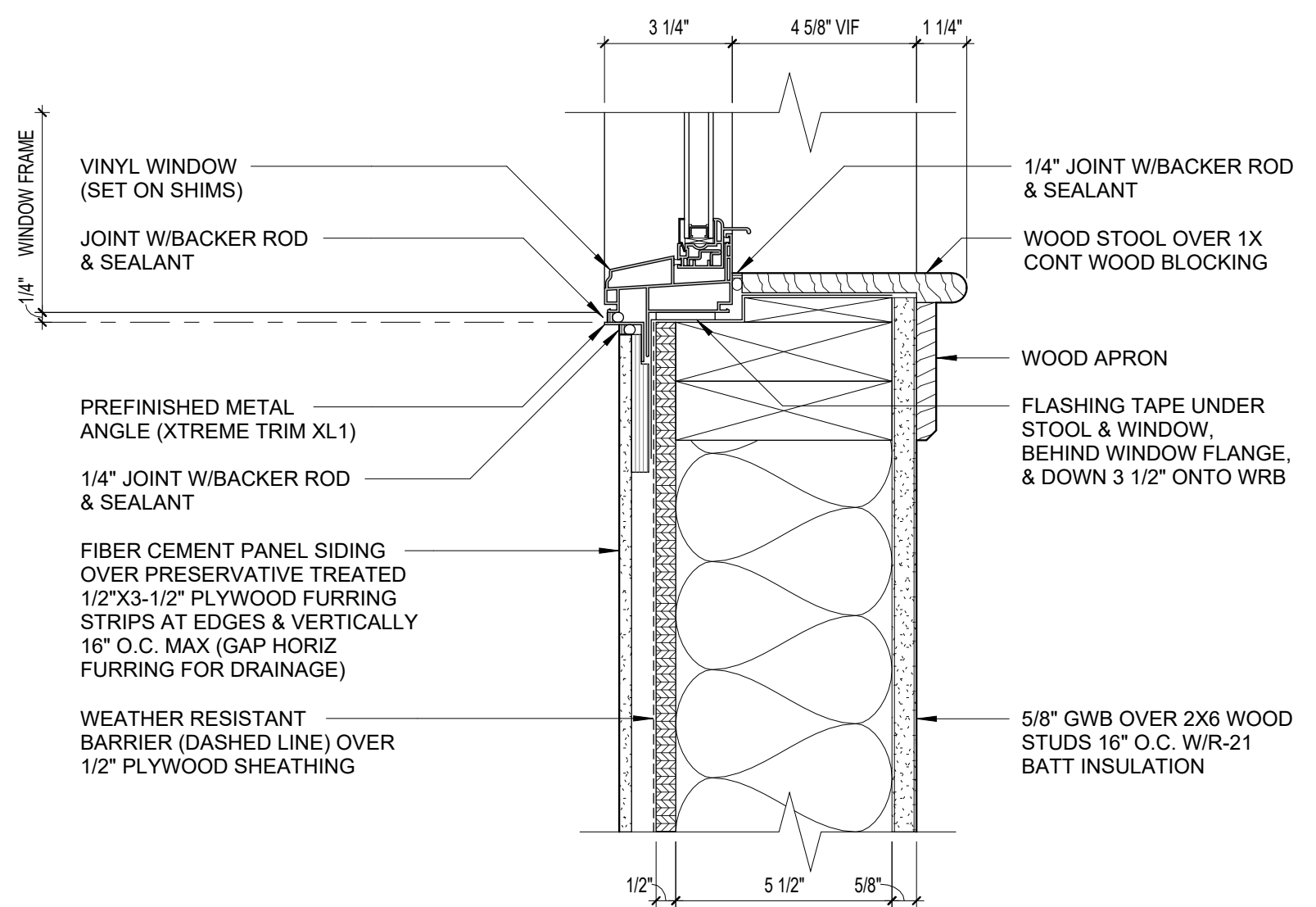
7 WINDOW HEAD AT LAP SIDING
3" = 1'-0"



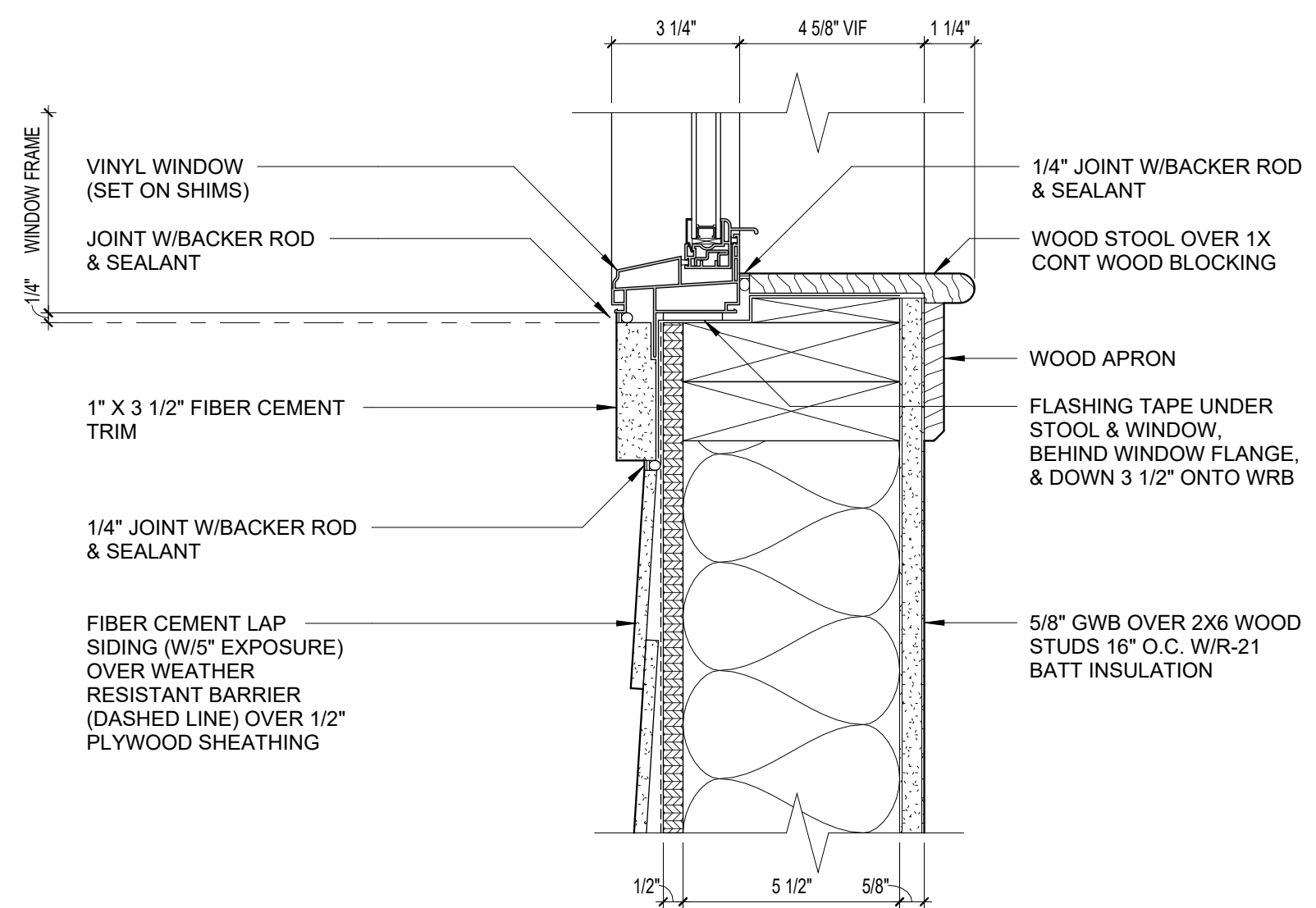
3 WINDOW HEAD / BRICK SOLDIER
3" = 1'-0"



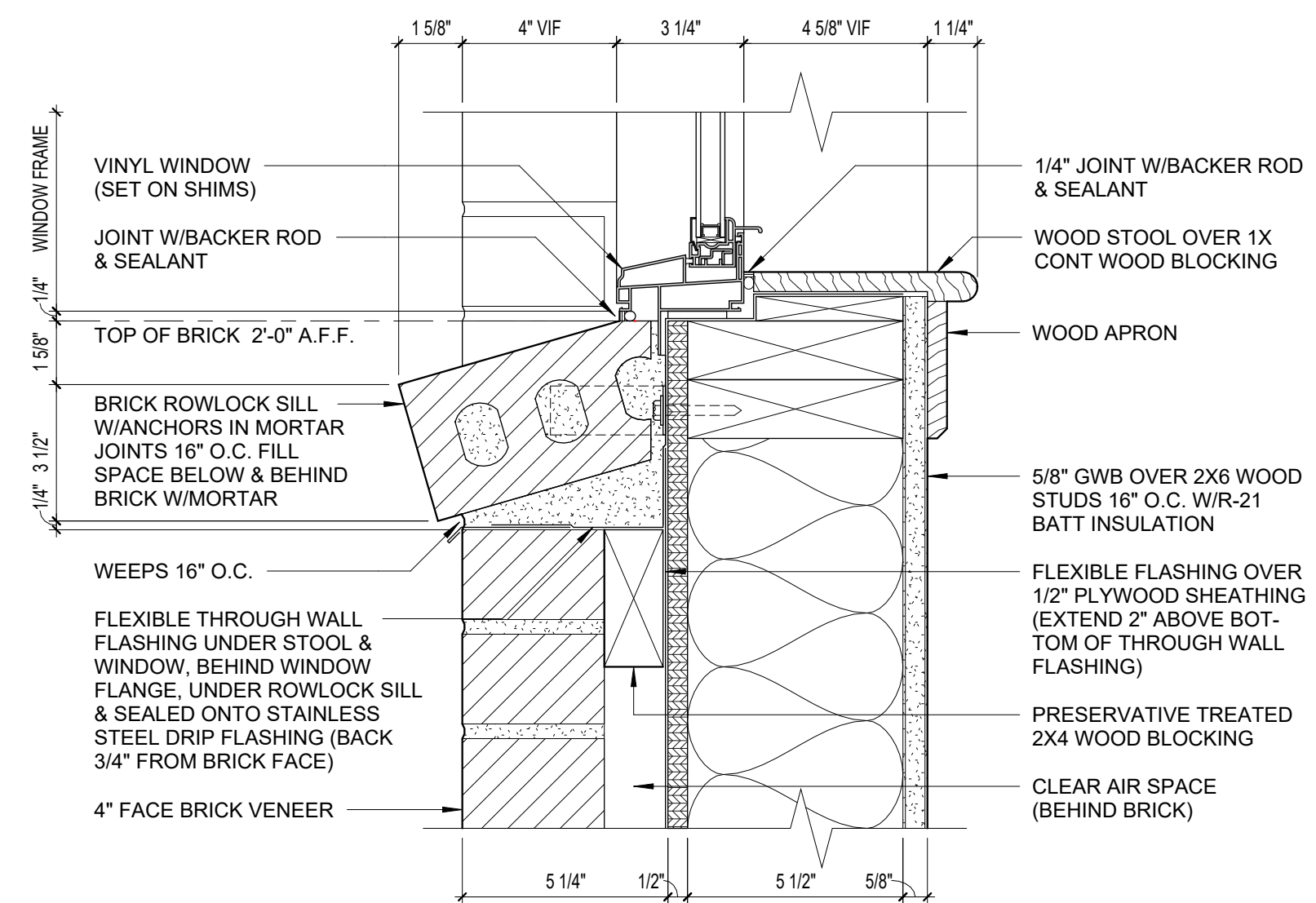
14 FAN OR DRYER VENT AT BRICK
3" = 1'-0"



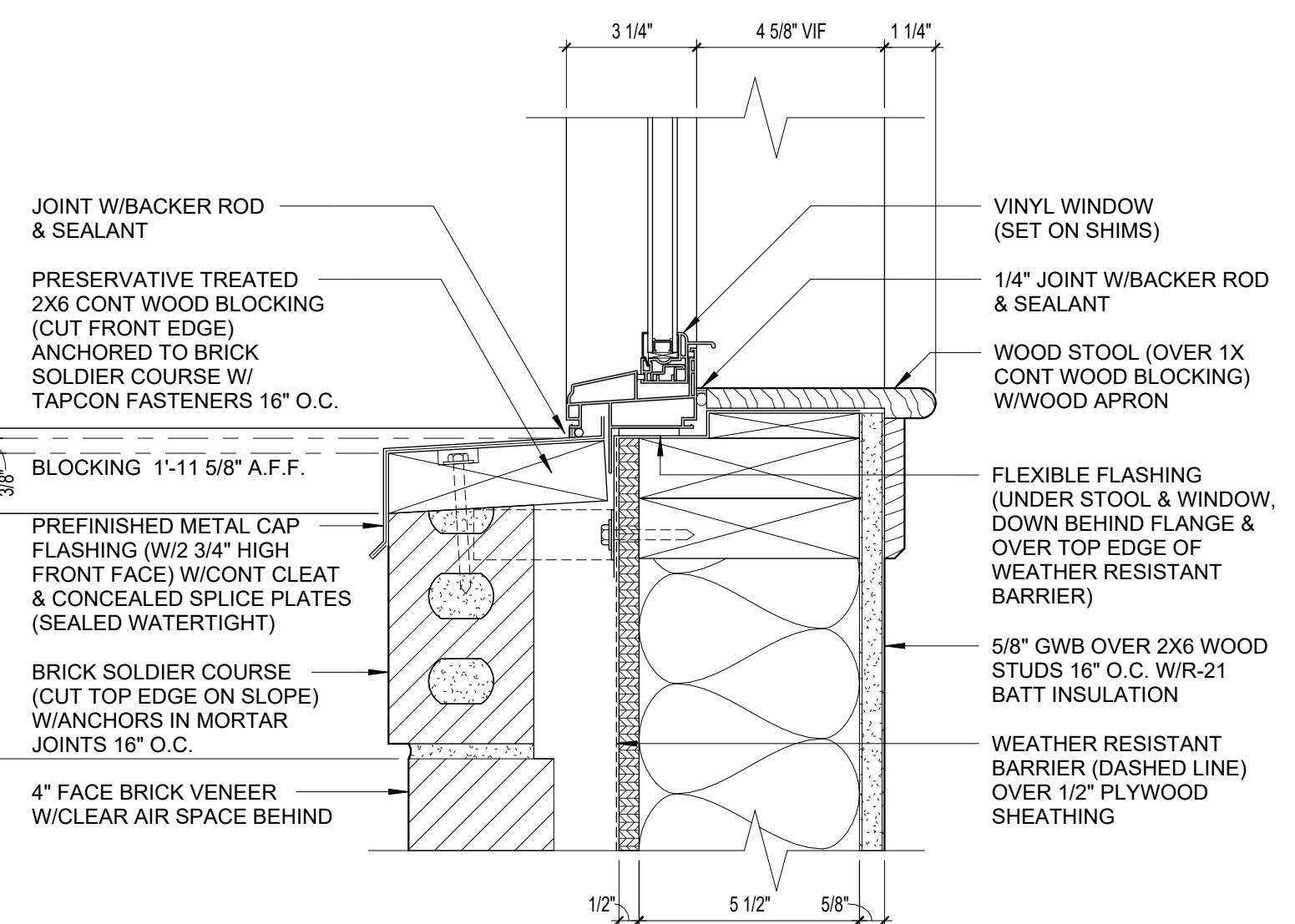
10 WINDOW SILL AT PANEL SIDING
3" = 1'-0"



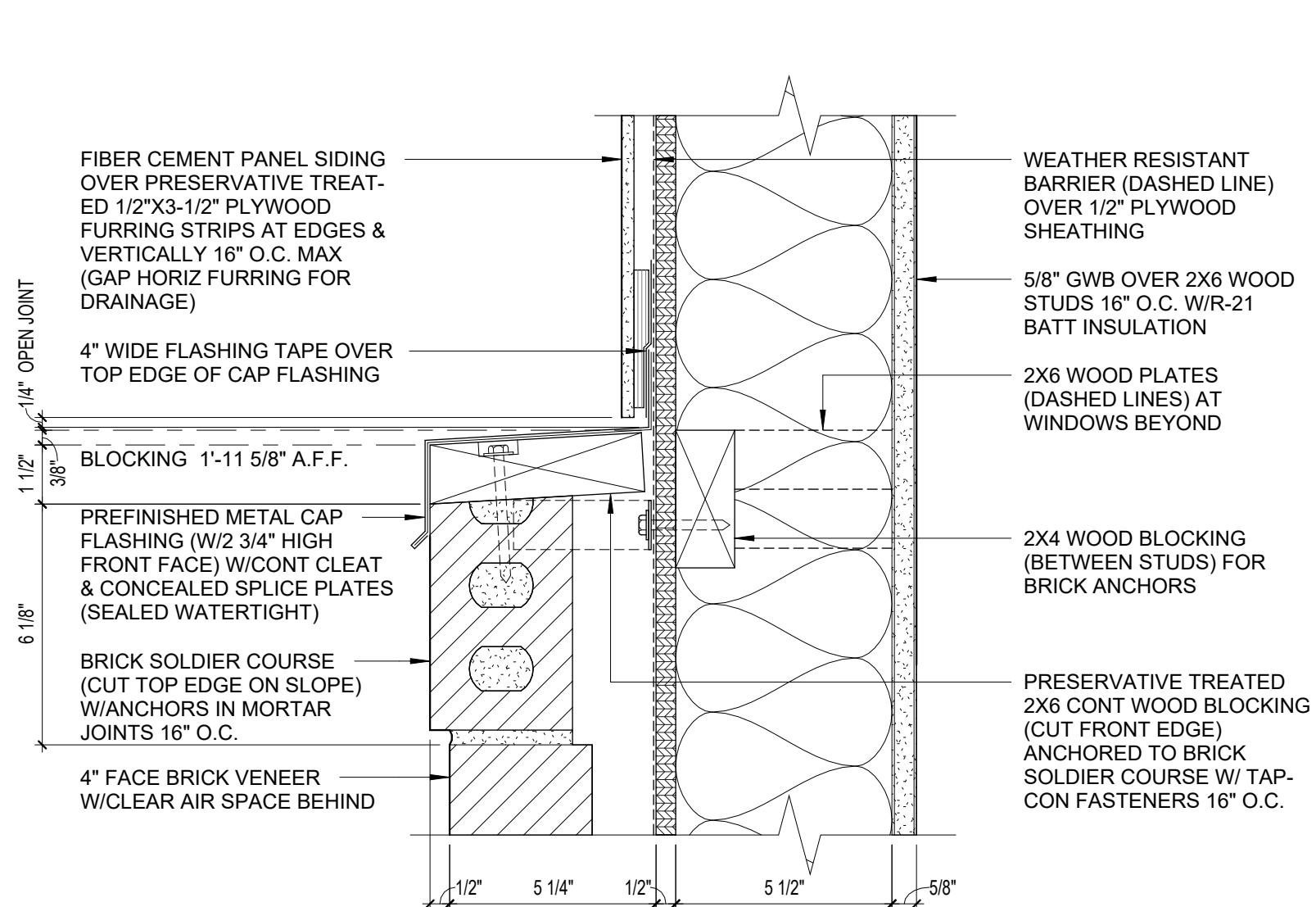
6 WINDOW SILL AT LAP SIDING
3" = 1'-0"



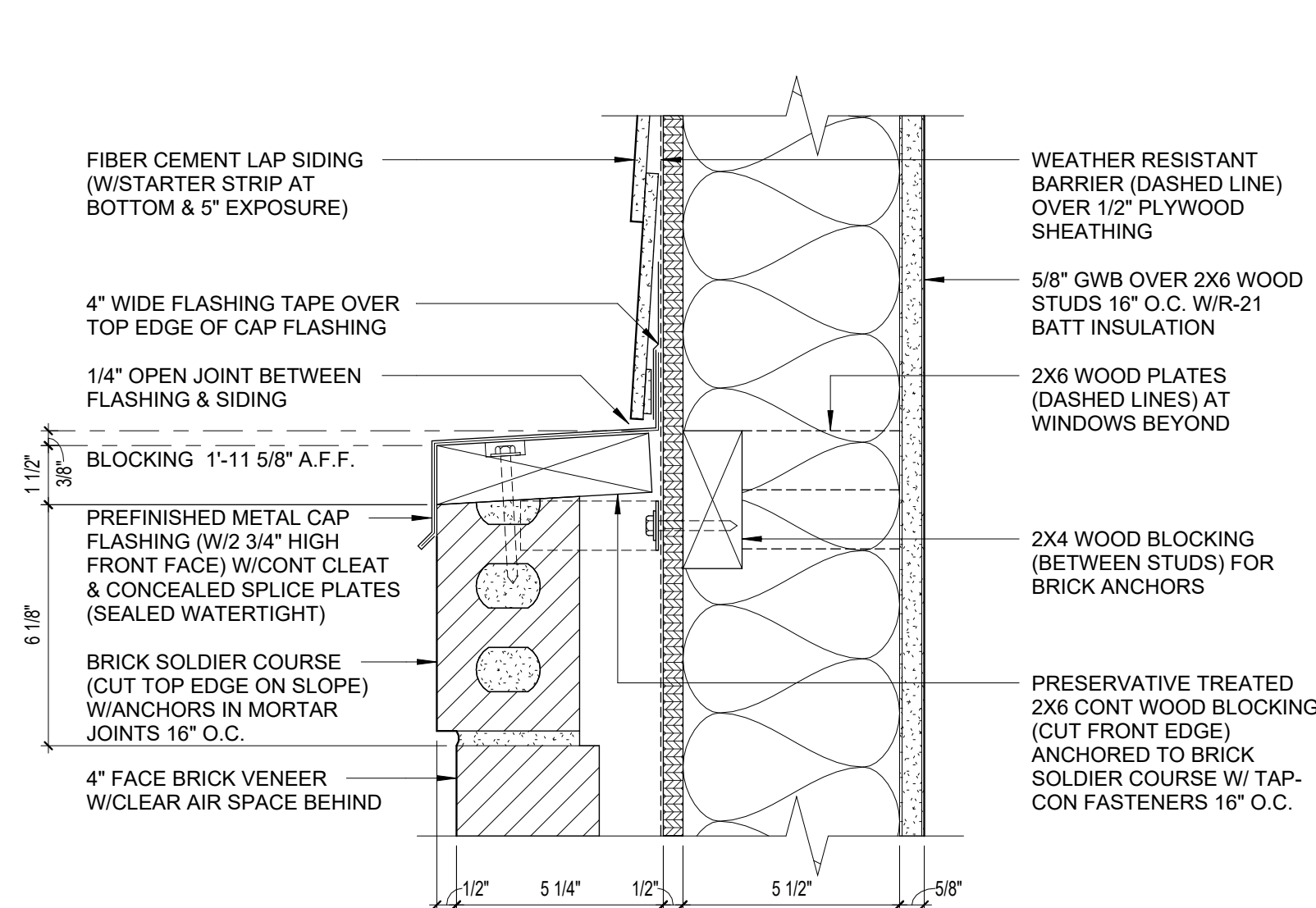
2 WINDOW SILL / BRICK ROWLOCK
3" = 1'-0"



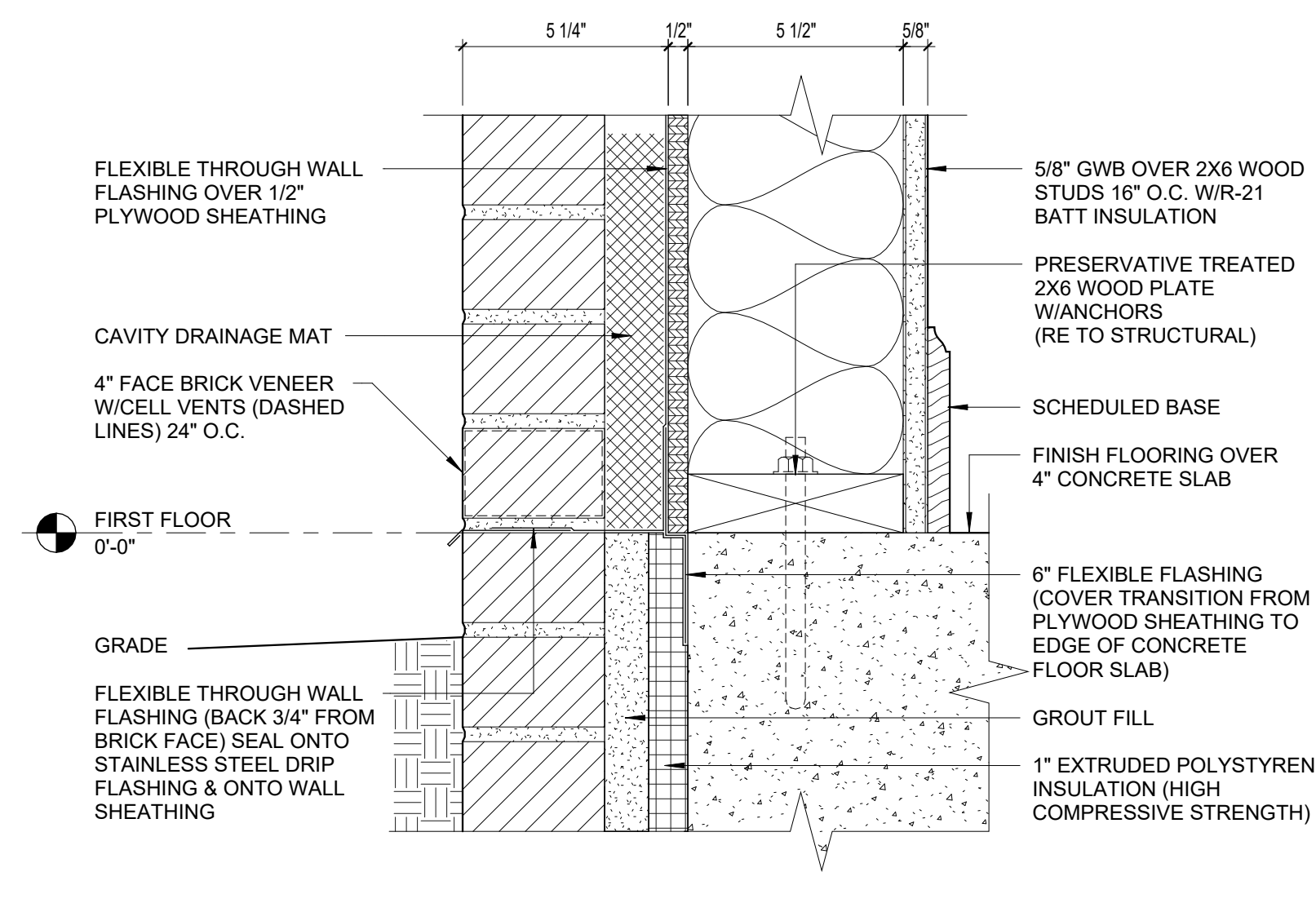
13 WINDOW SILL AT SOLDIER BRICK
3" = 1'-0"



9 PANEL SIDING AT SOLDIER BRICK
3" = 1'-0"



5 LAP SIDING AT SOLDIER BRICK
3" = 1'-0"



1 BRICK WALL AT GRADE
3" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



John Knox Village

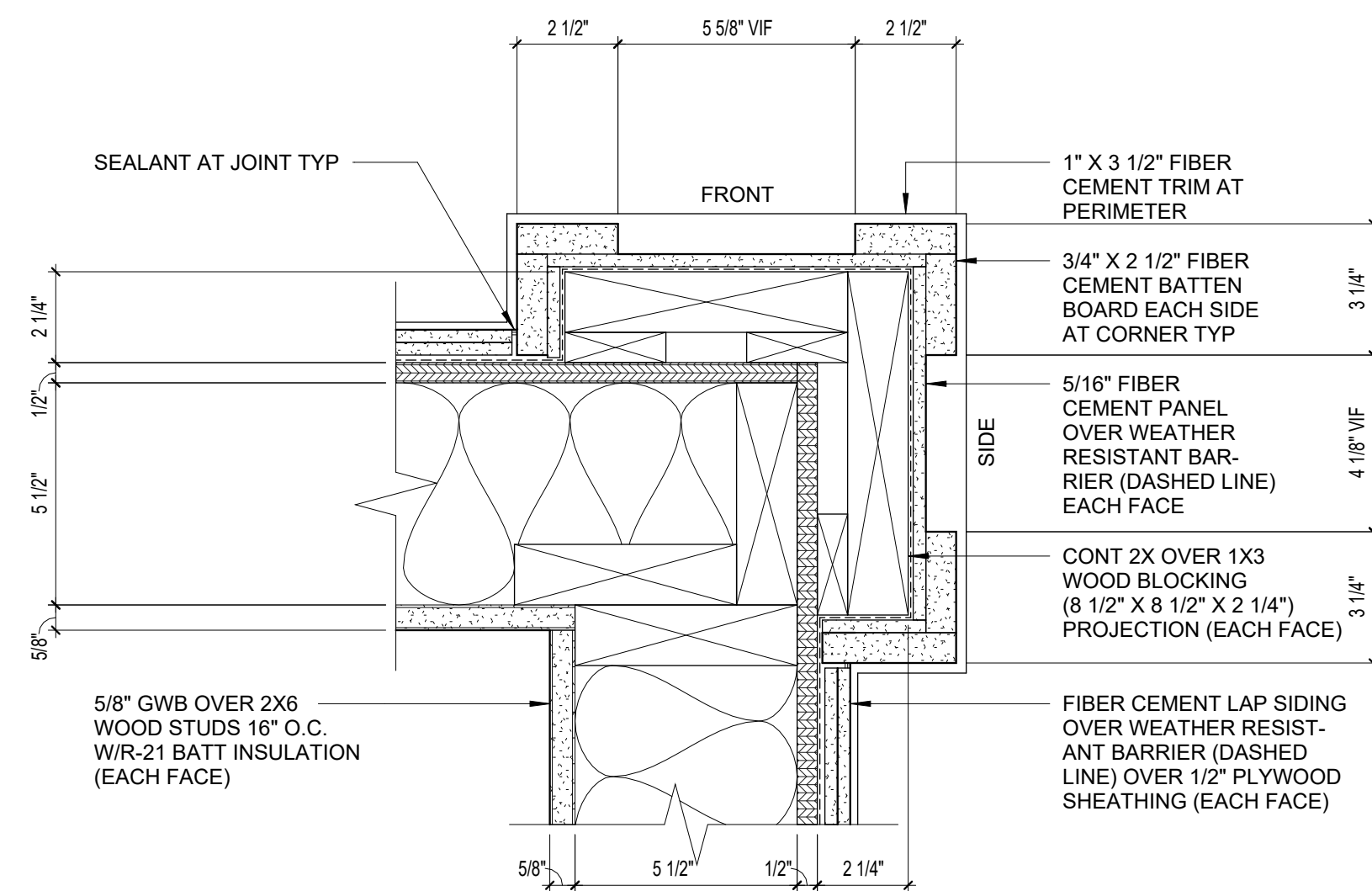
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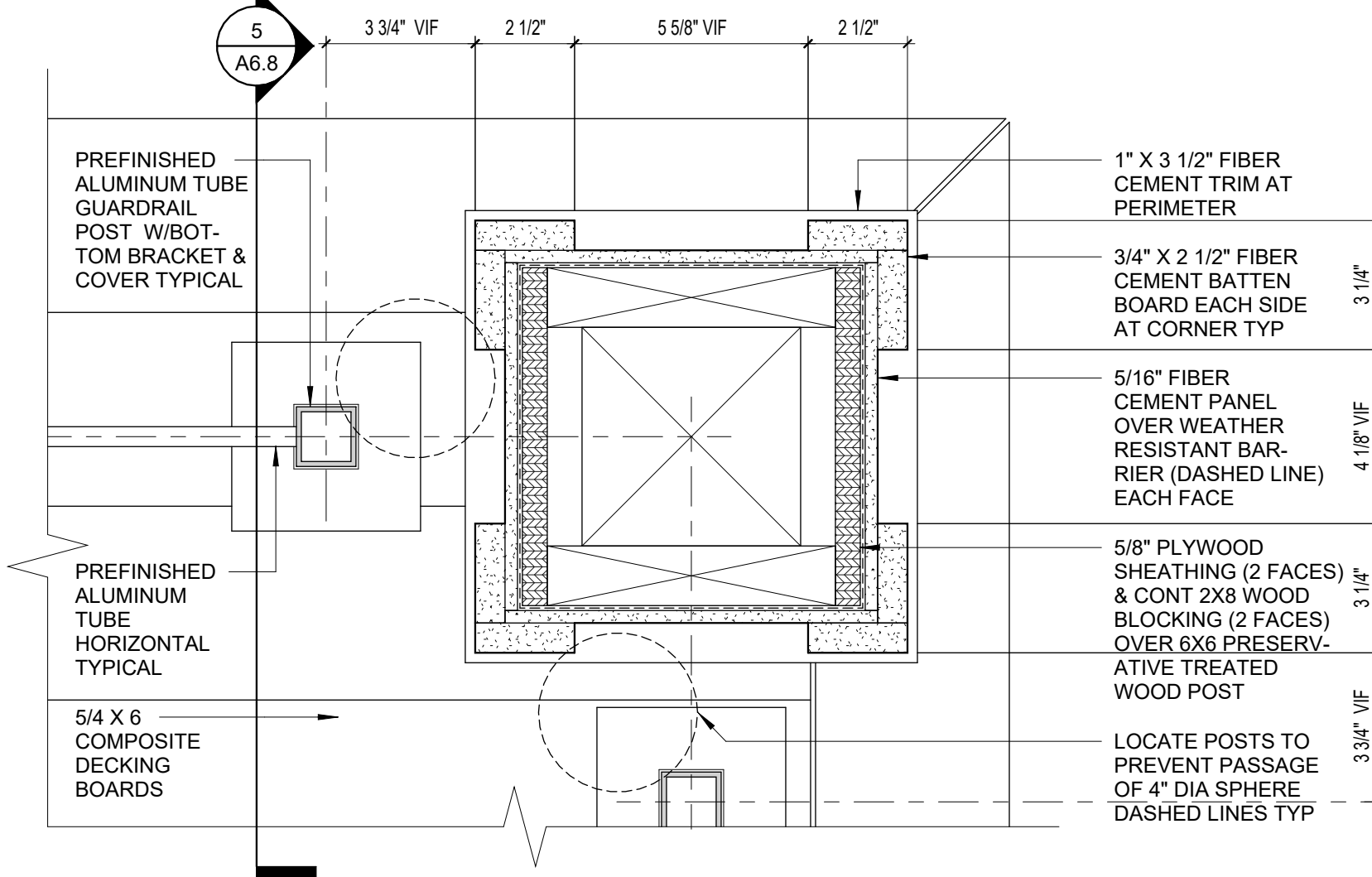
DESIGNER : DAS	DRAWN : JAM	
ARCHITECT : DAS	CHECKED : AAT	
ENGINEER :	APPROVED :	
NO.	REVISION DESCRIPTION	DATE

DRAWING TITLE
EXTERIOR DETAILS

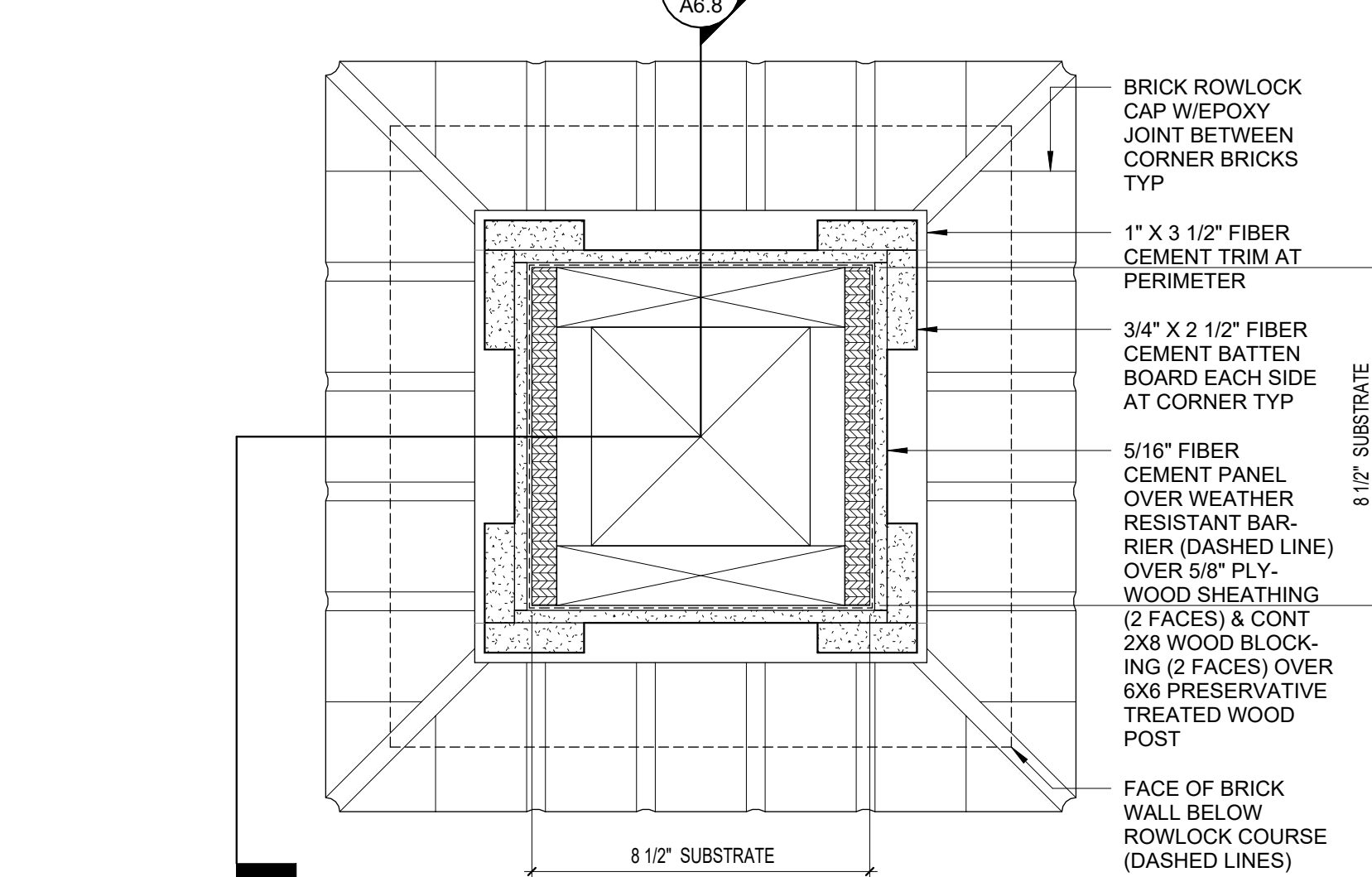
DATE:	January 5, 2024	DRAWING
COMM. NO.	23104.00	A6.6



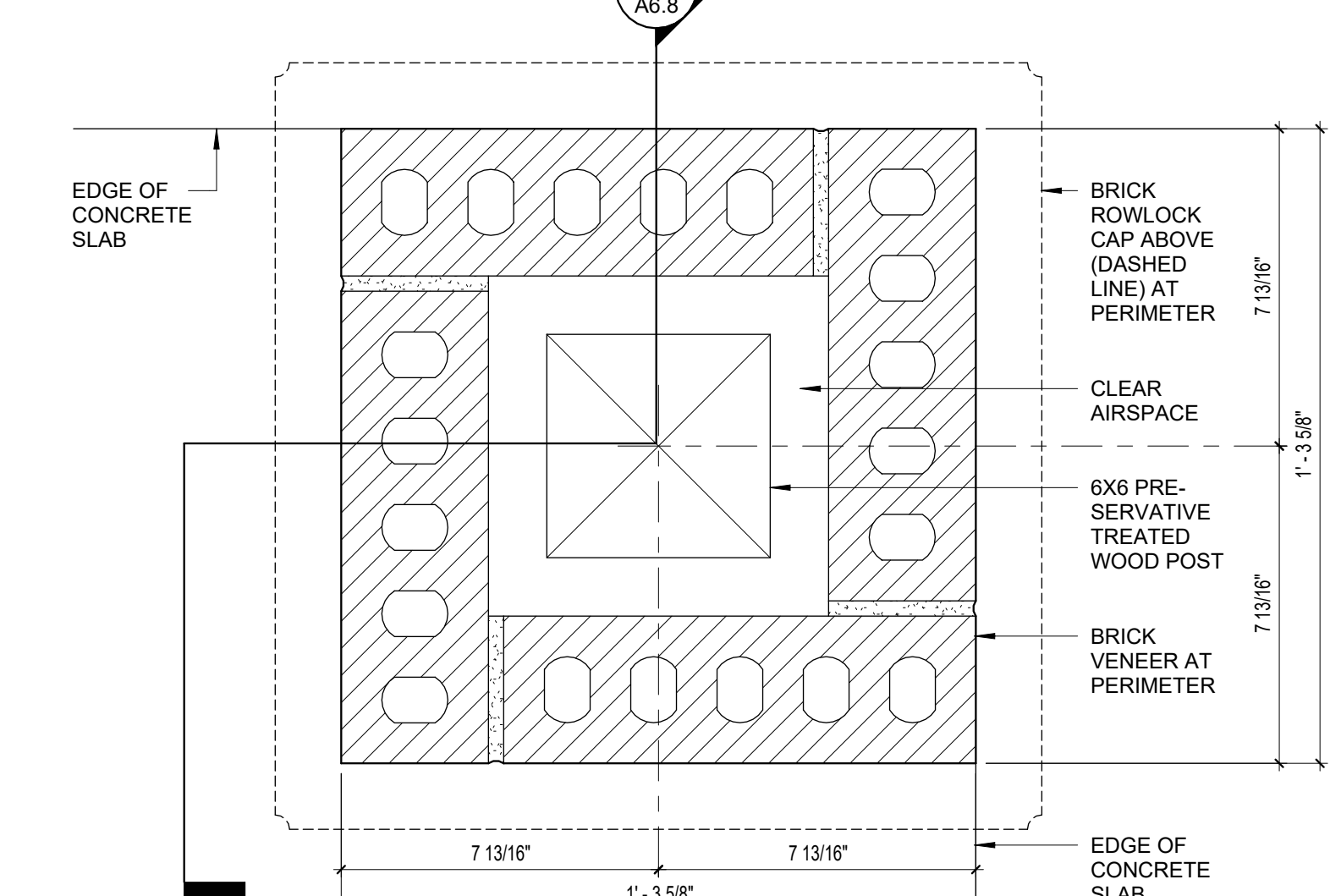
14 PILASTER AT ENTRANCE VESTIBULE
3" = 1'-0"



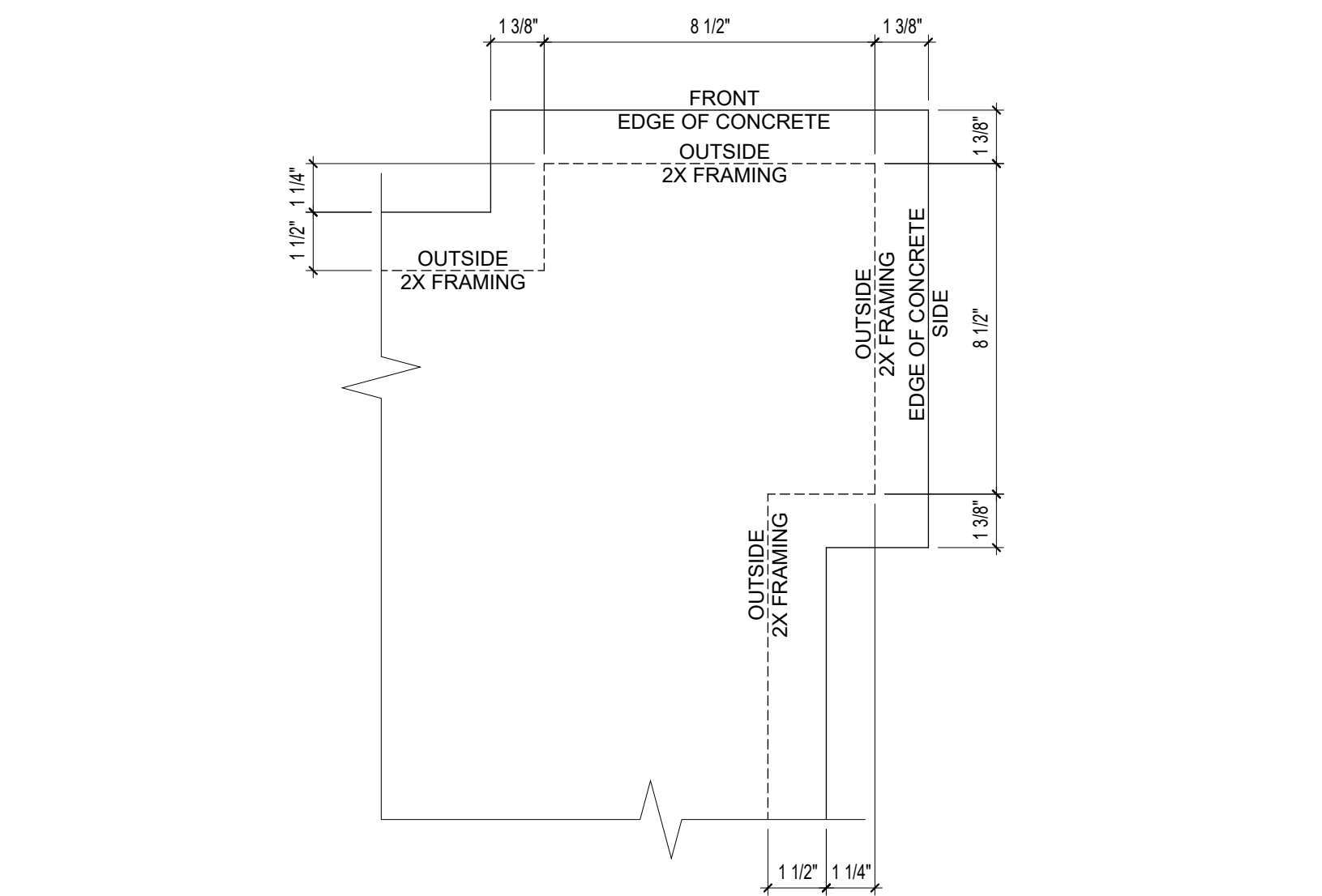
12 COLUMN PLAN ABOVE DECK
3" = 1'-0"



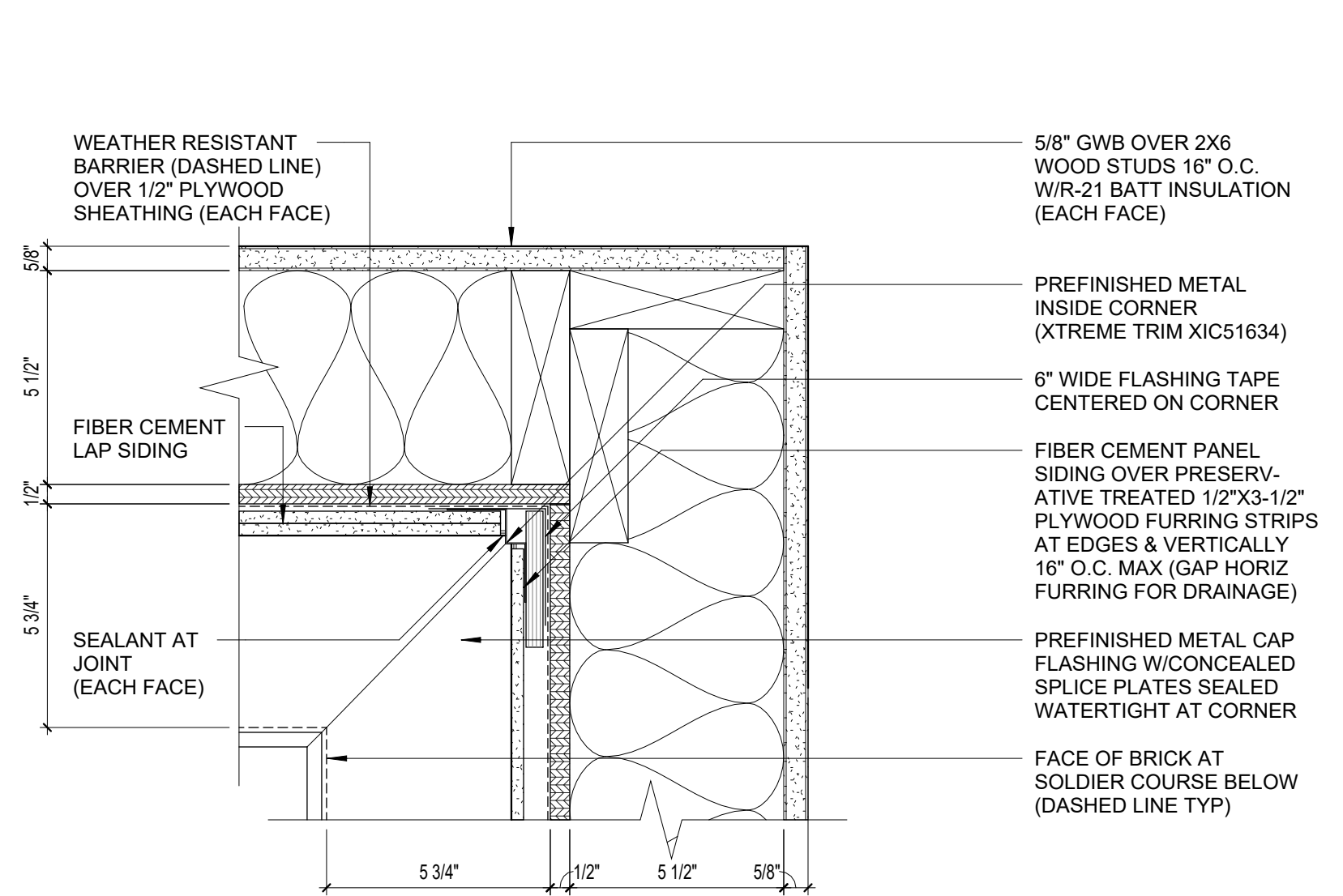
8 COLUMN PLAN ABOVE BRICK BASE
3" = 1'-0"



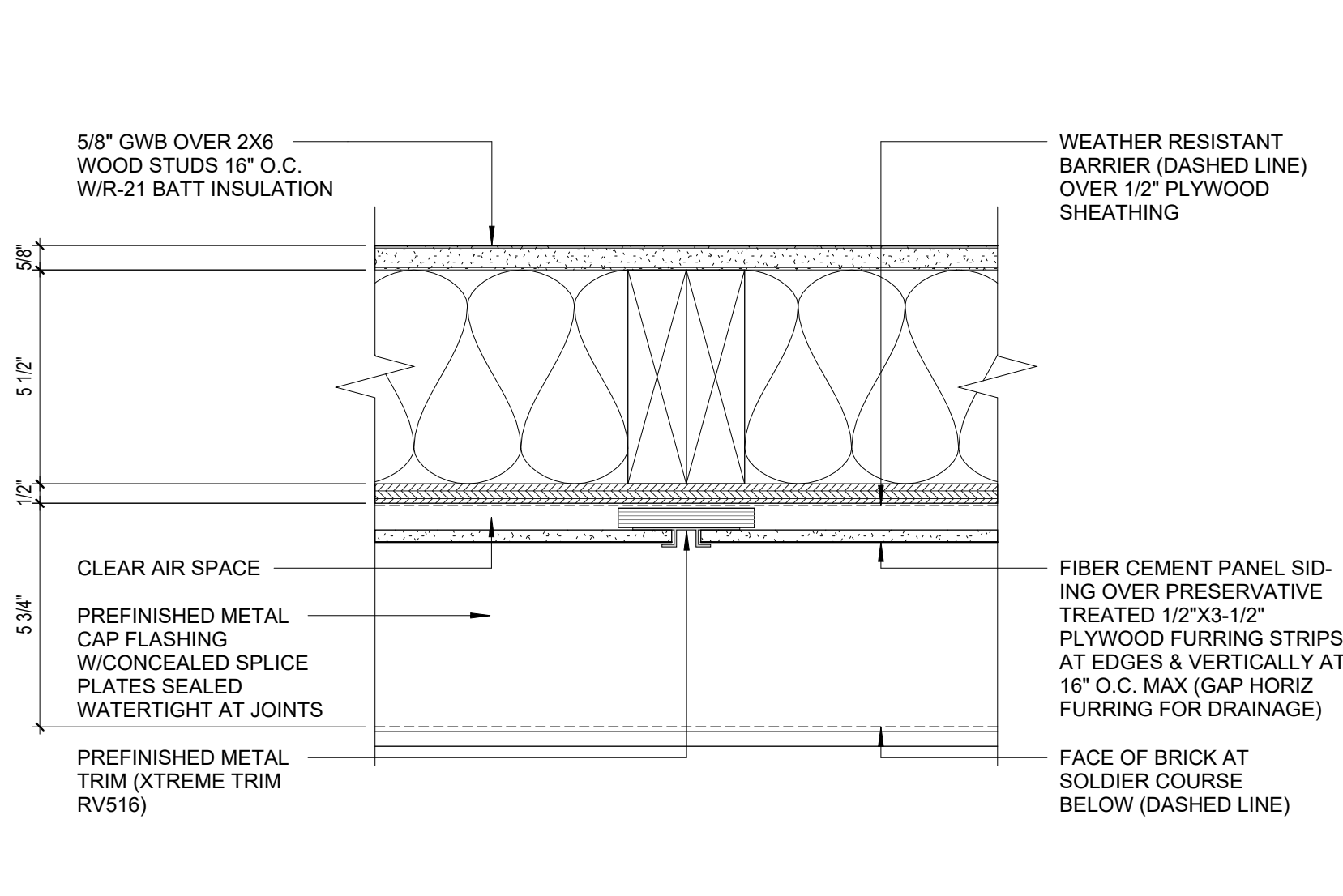
4 COLUMN PLAN AT BRICK BASE
3" = 1'-0"



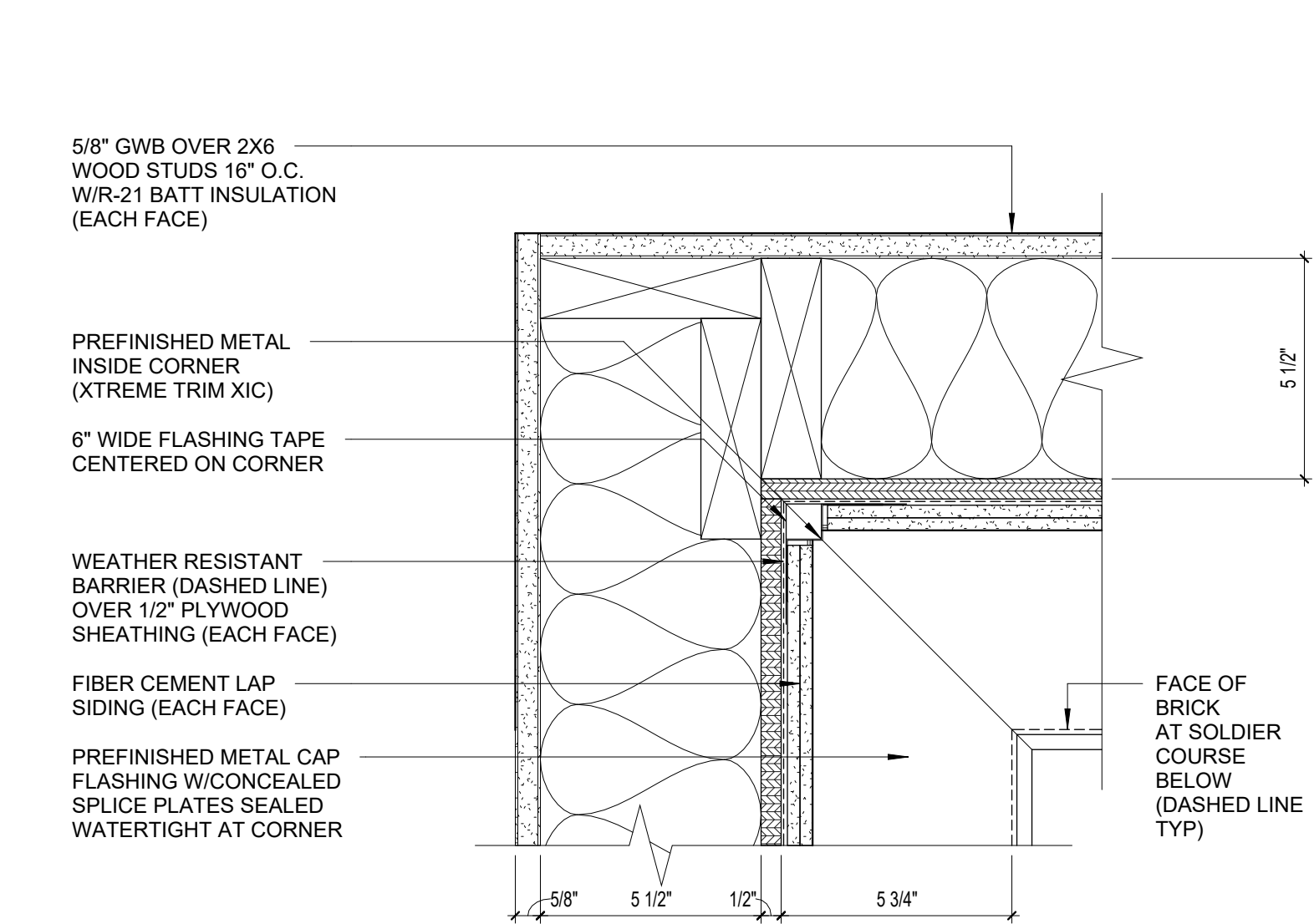
13 EDGE OF CONCRETE AT PILASTER
3" = 1'-0"



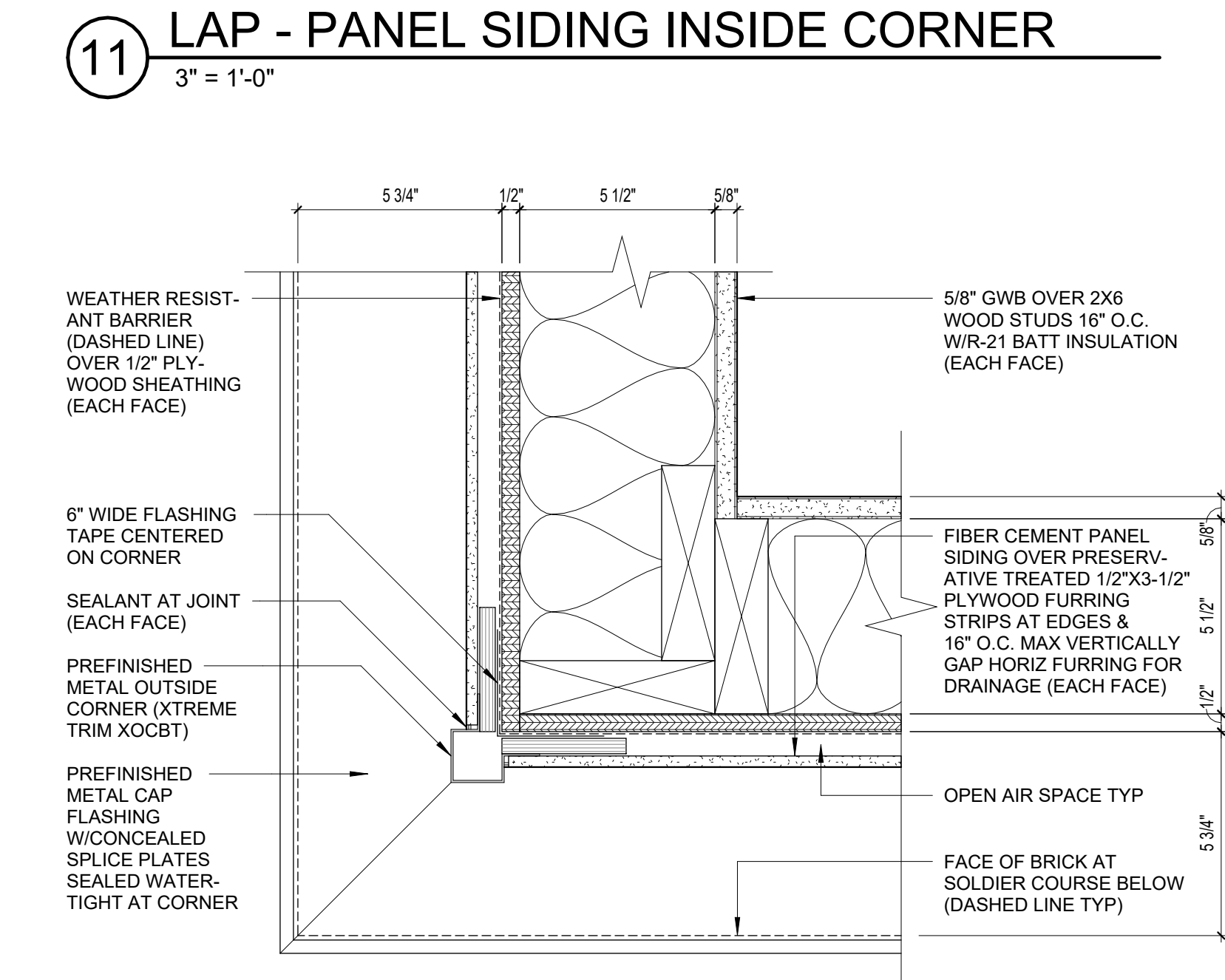
11 LAP - PANEL SIDING INSIDE CORNER
3" = 1'-0"



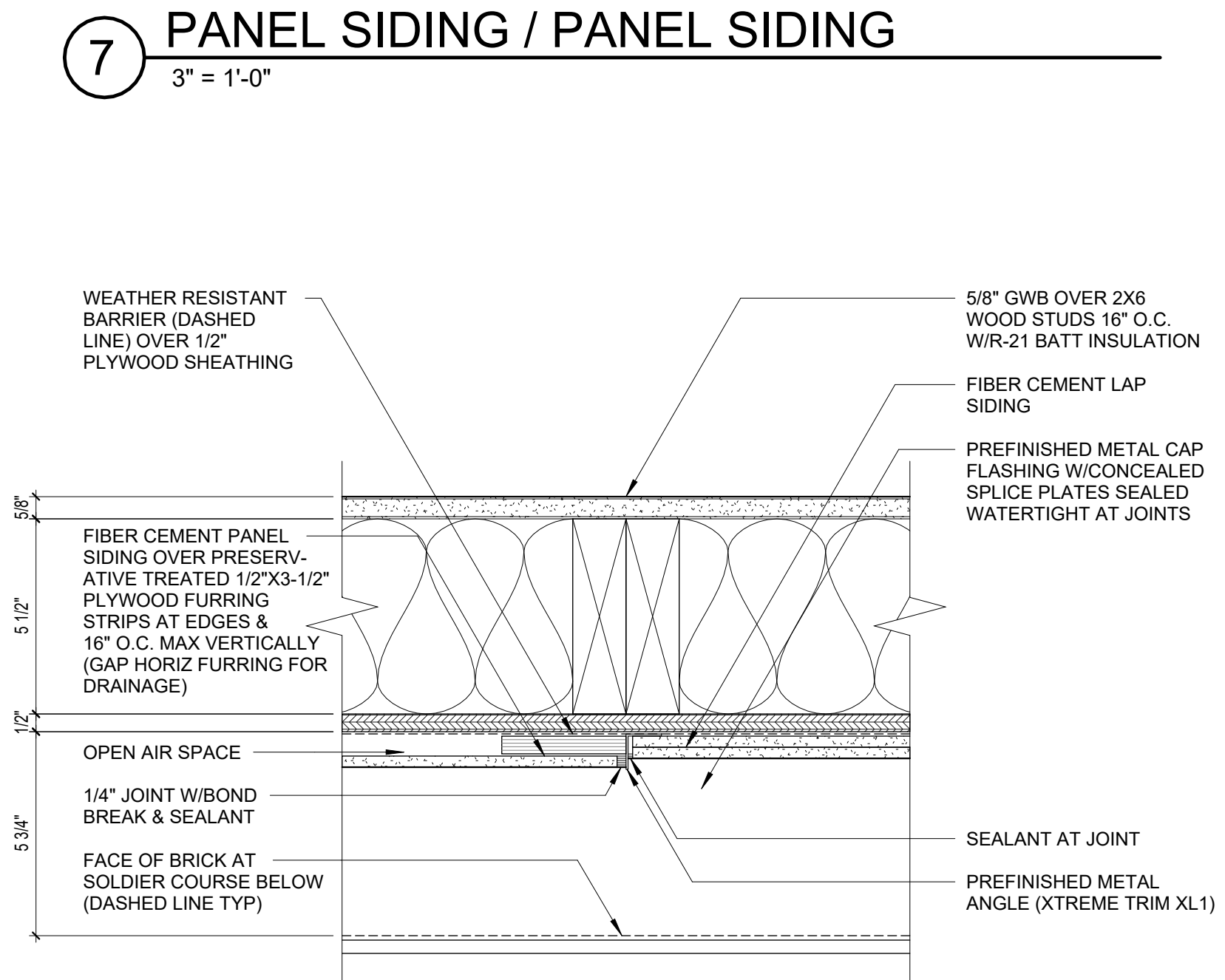
7 PANEL SIDING / PANEL SIDING
3" = 1'-0"



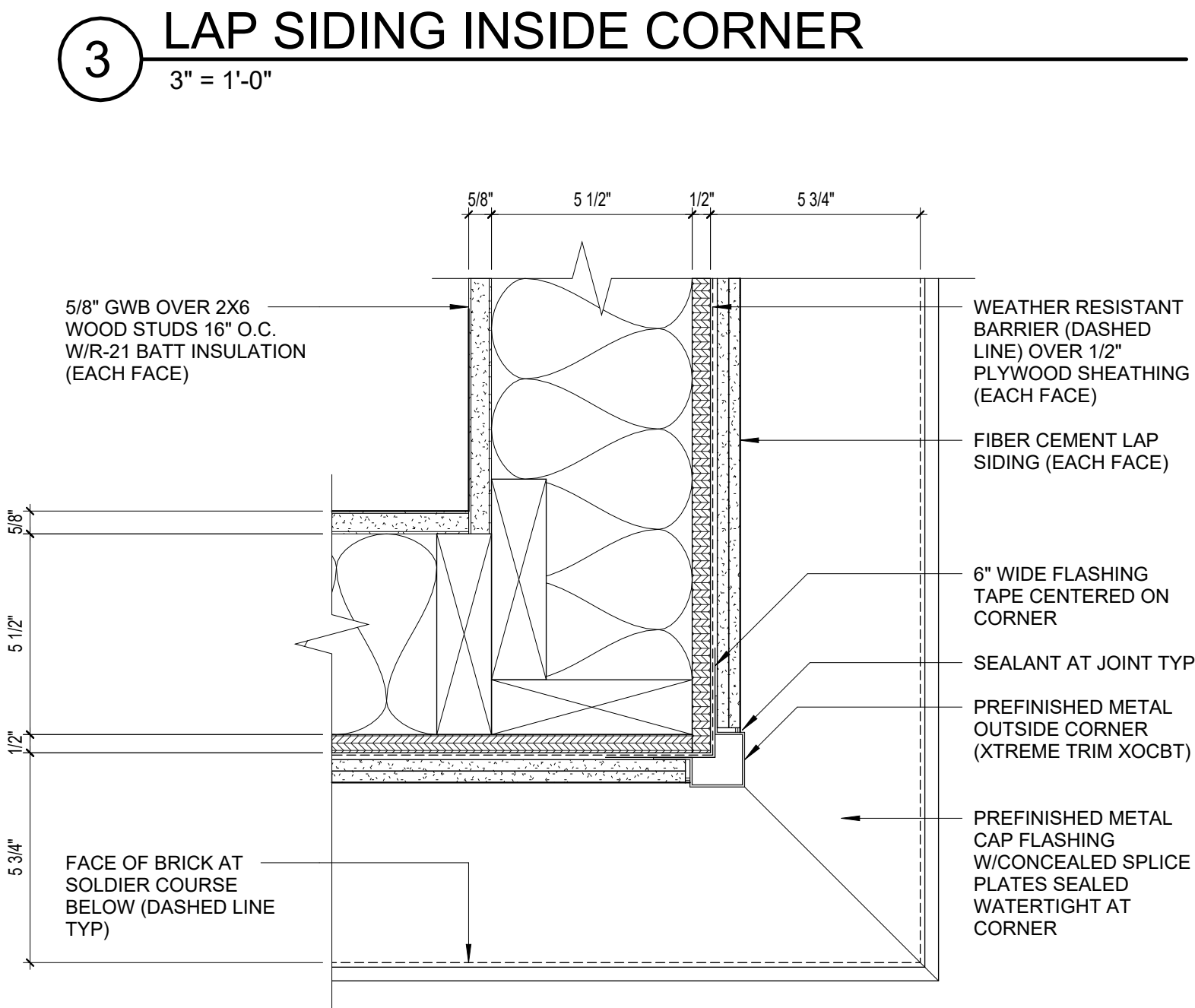
3 LAP SIDING INSIDE CORNER
3" = 1'-0"



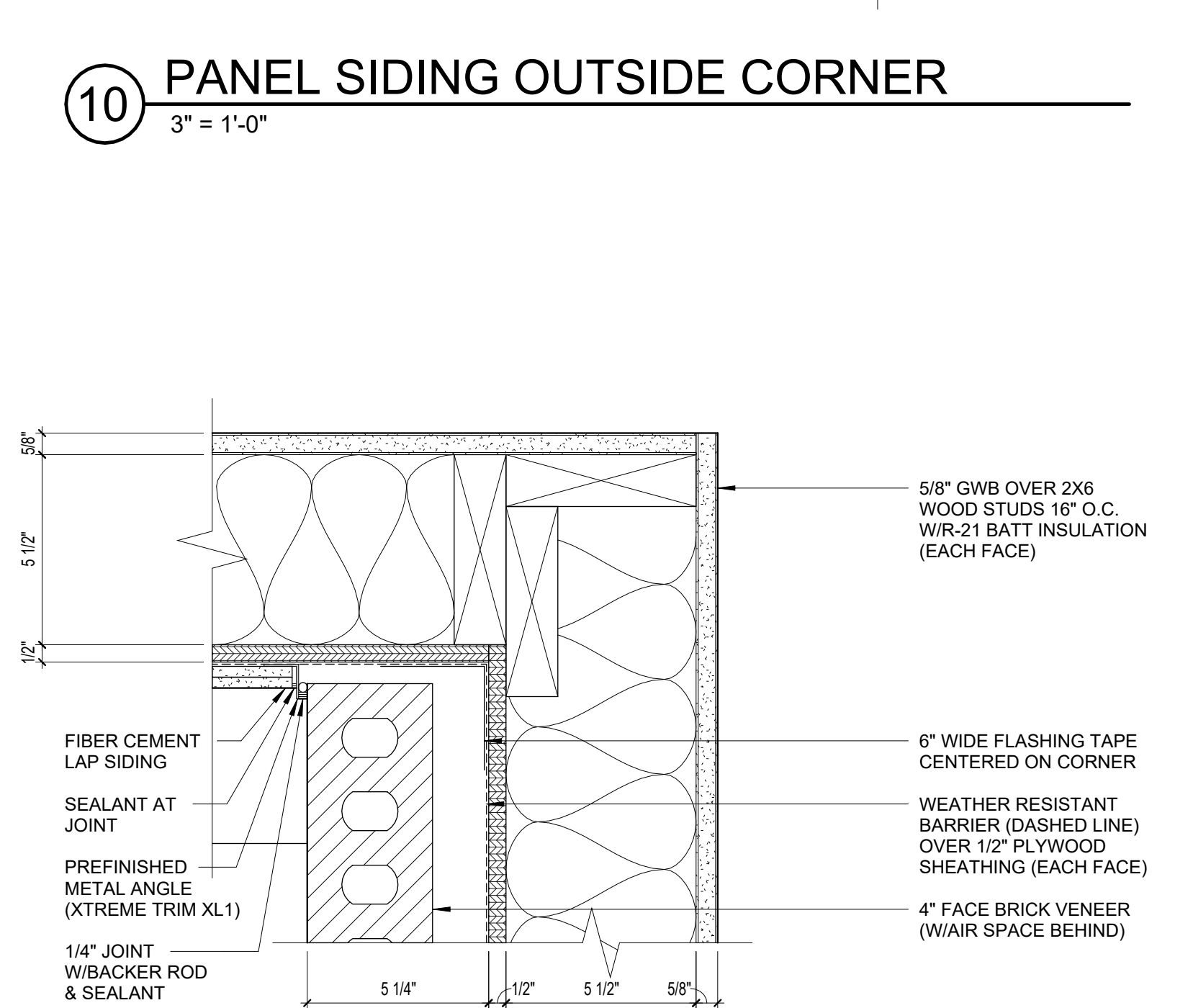
10 PANEL SIDING OUTSIDE CORNER
3" = 1'-0"



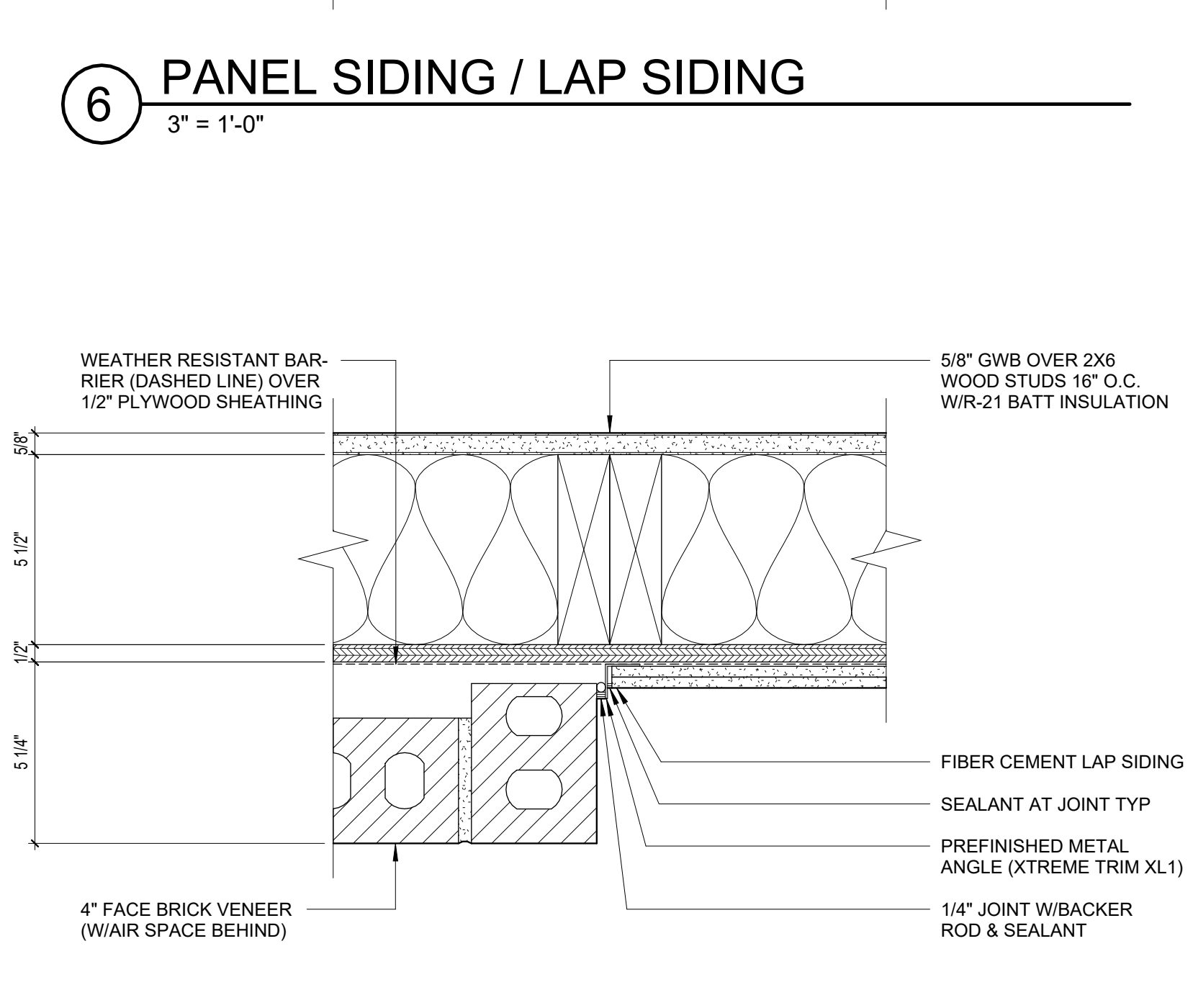
6 PANEL SIDING / LAP SIDING
3" = 1'-0"



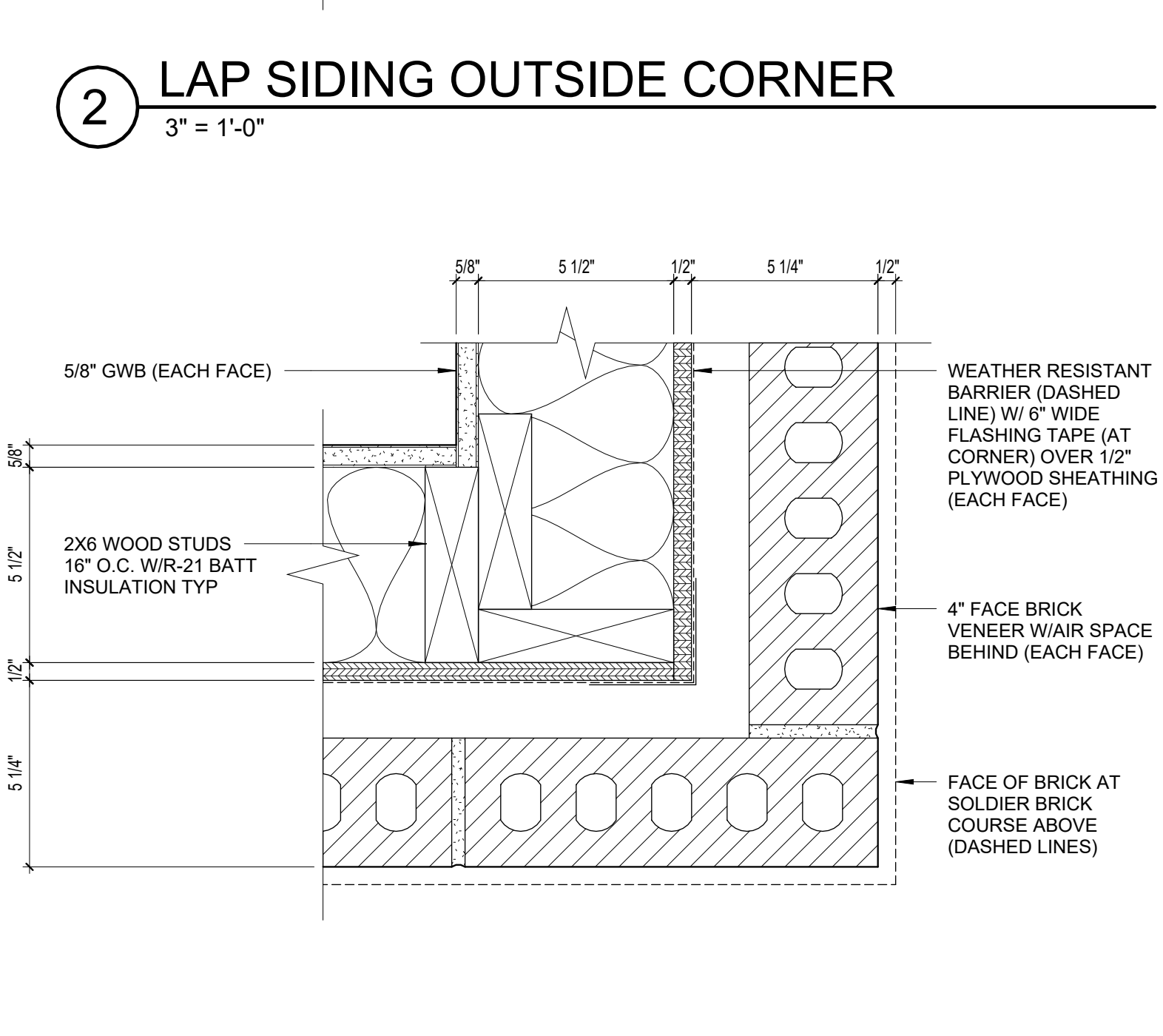
2 LAP SIDING OUTSIDE CORNER
3" = 1'-0"



9 LAP SIDING / BRICK INSIDE CORNER
3" = 1'-0"

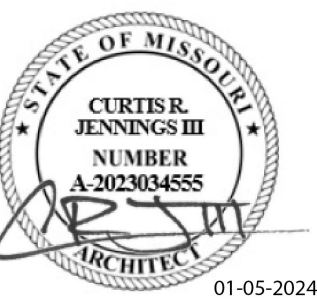


5 BRICK VENEER / LAP SIDING
3" = 1'-0"



1 BRICK VENEER OUTSIDE CORNER
3" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



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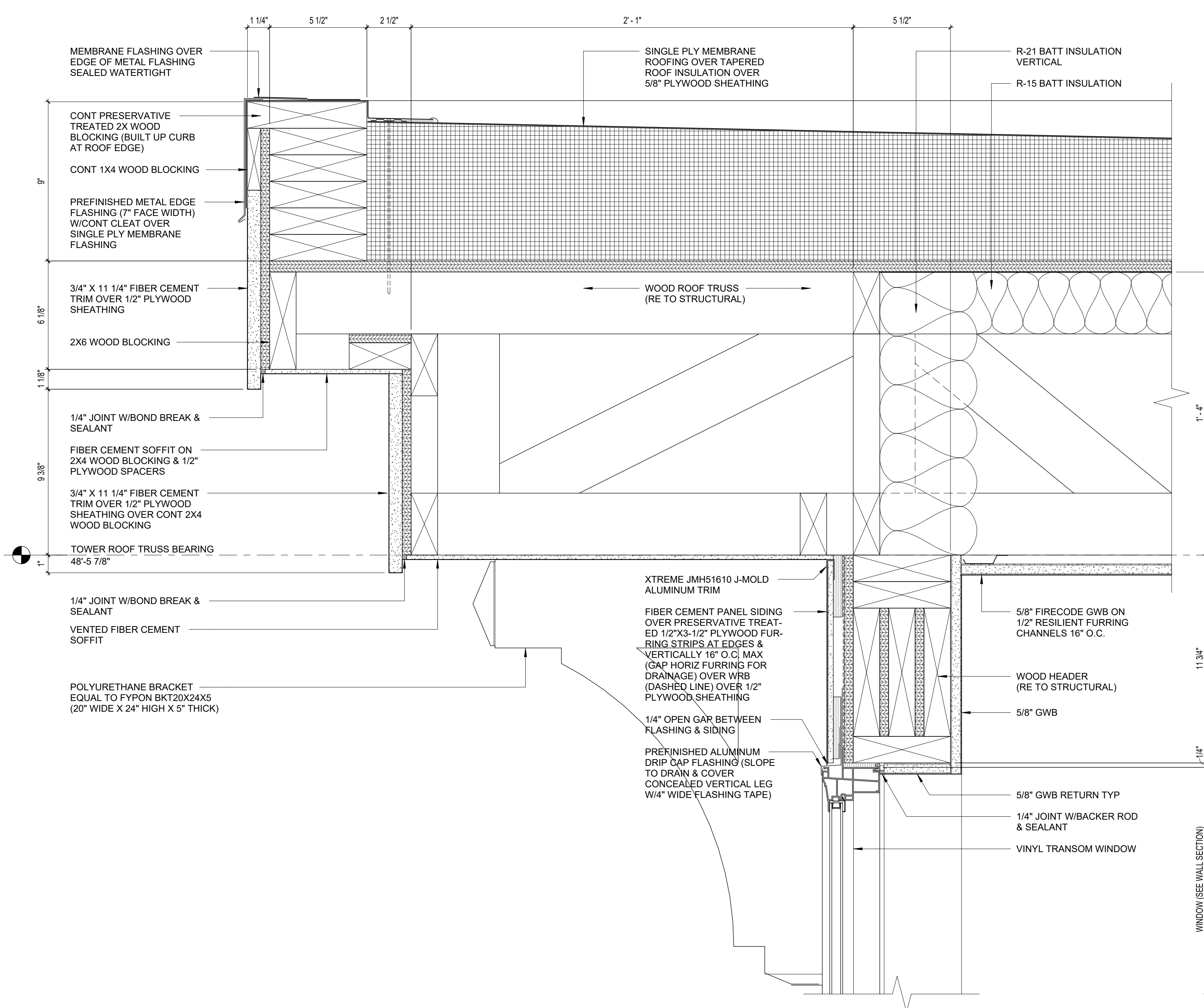
DESIGNER : DAS	DRAWN : JAM	
ARCHITECT : DAS	CHECKED : AAT	
ENGINEER :	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE

EXTERIOR DETAILS

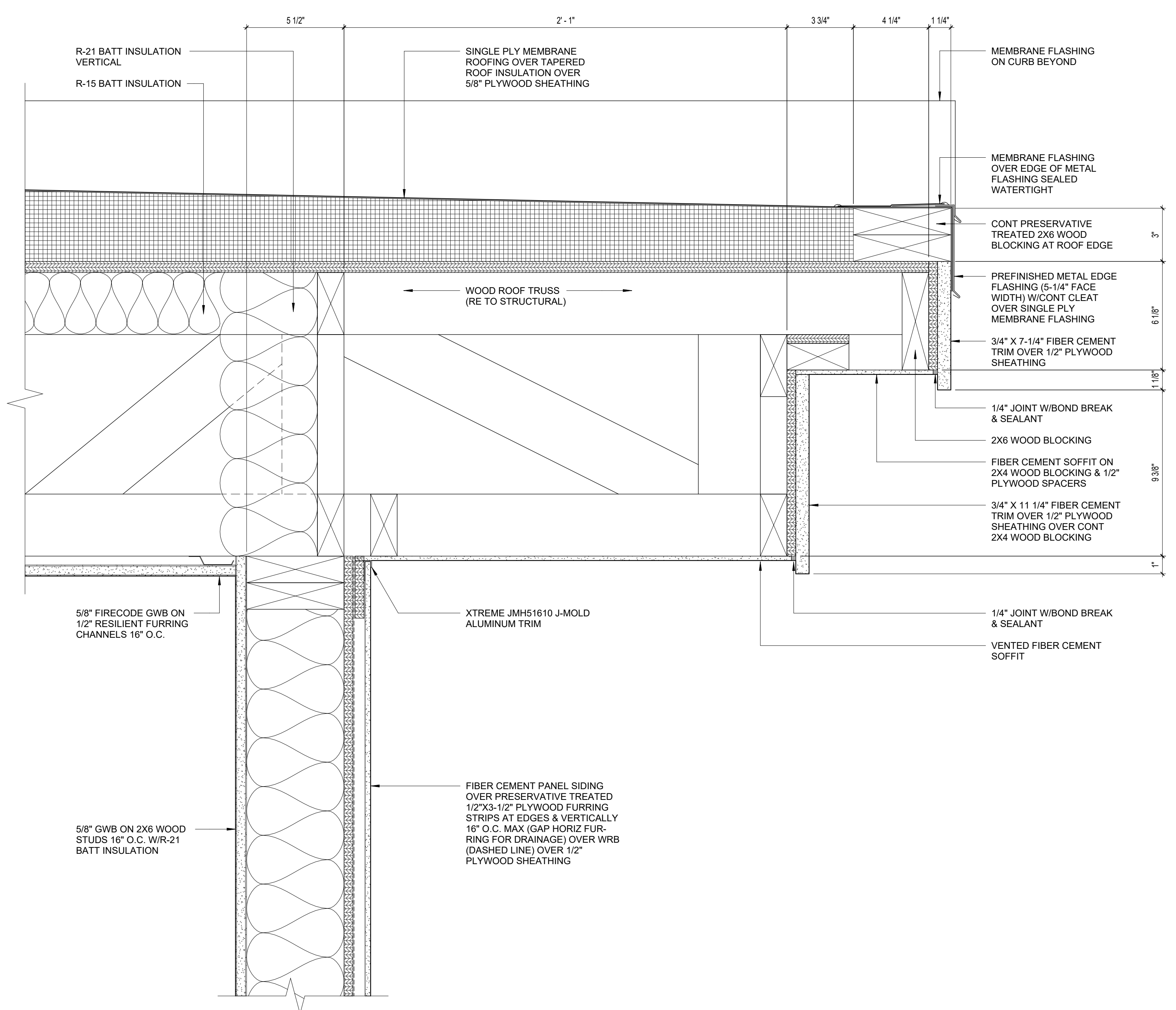
DATE: January 5, 2024

COMM. NO. 23104.00

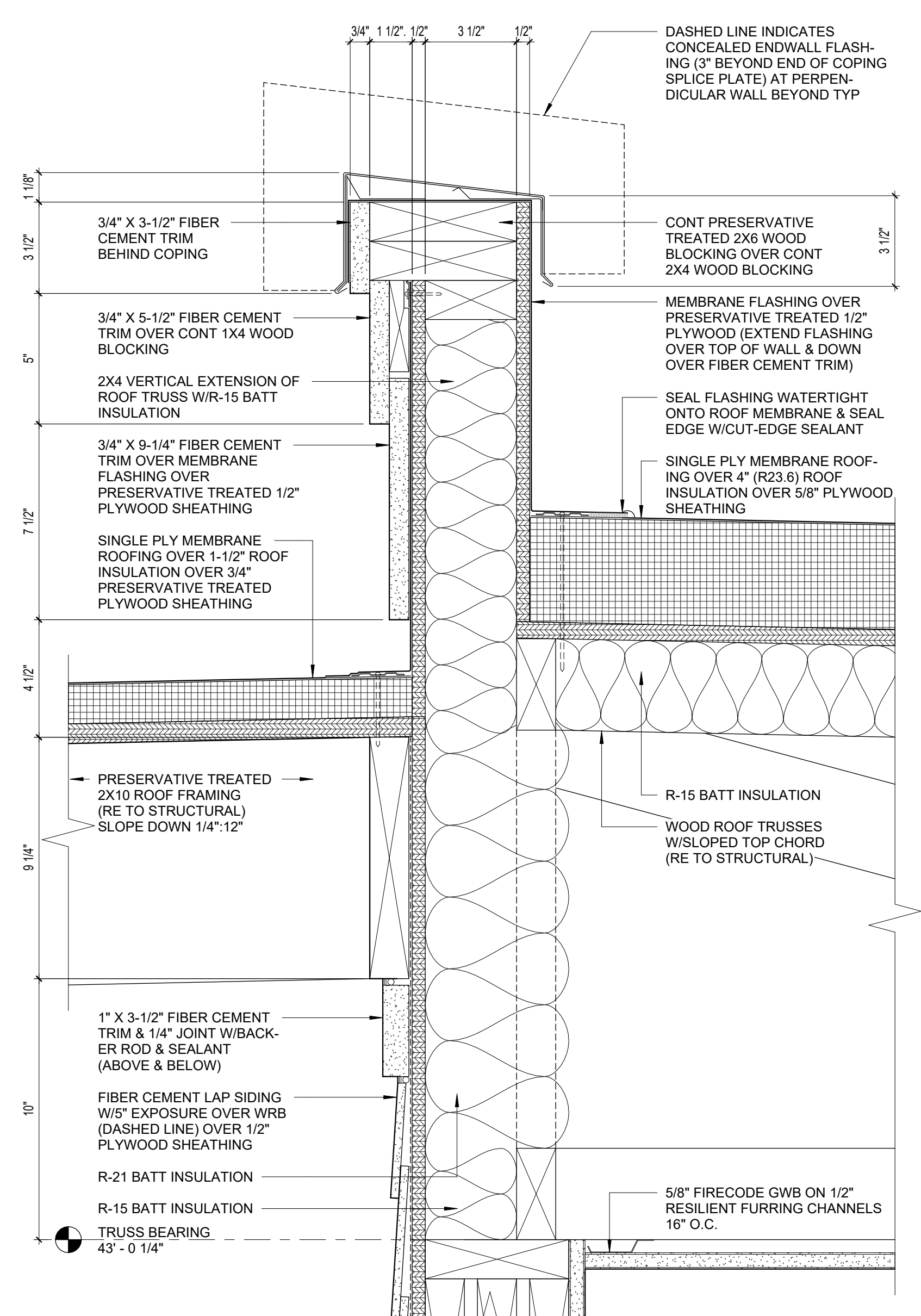
A6.7



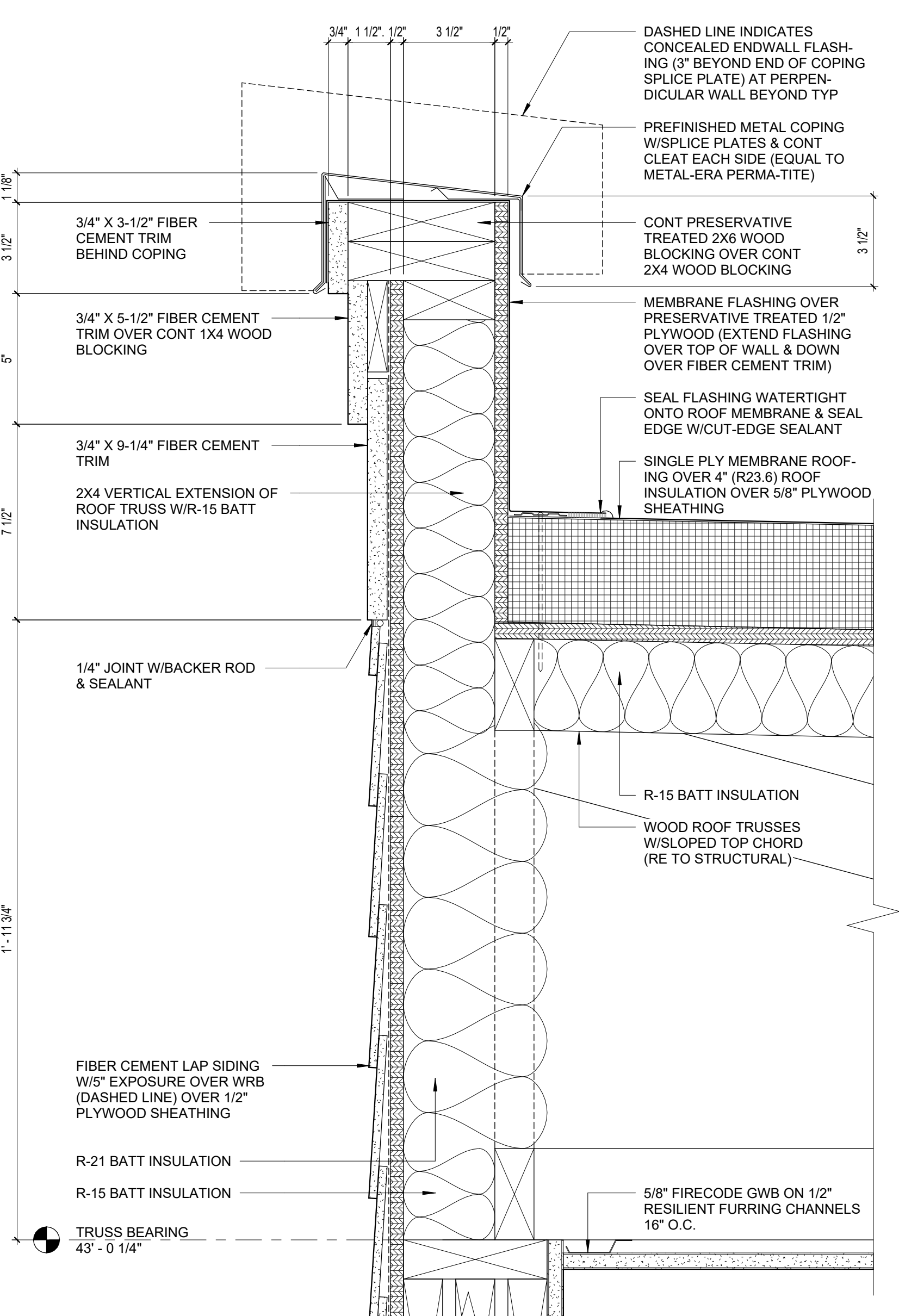
4 TOWER ROOF FRONT EDGE
3" = 1'-0"



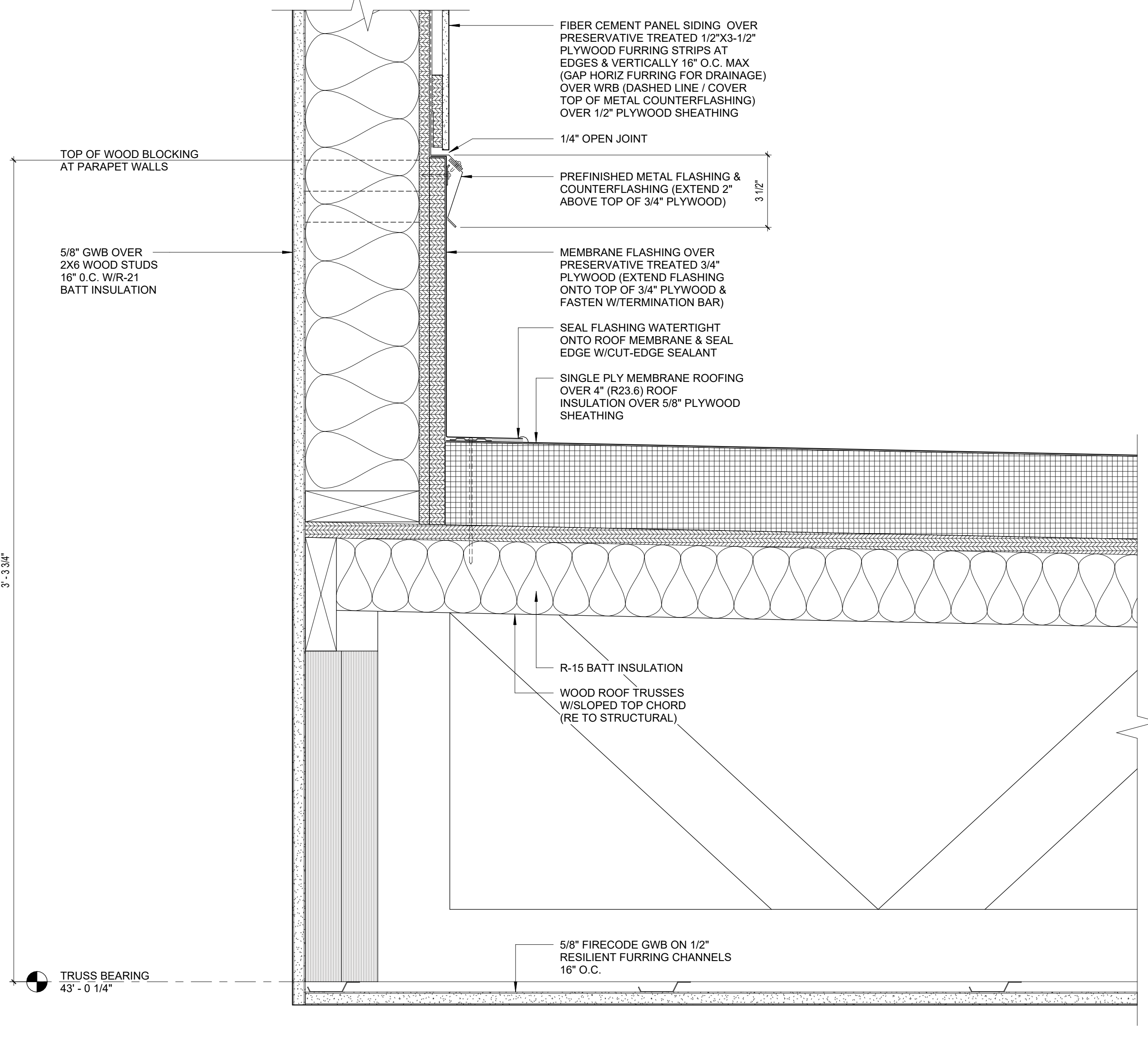
2 TOWER ROOF REAR EDGE
3" = 1'-0"



5 PARAPET WALL AT DECK ROOF
3" = 1'-0"

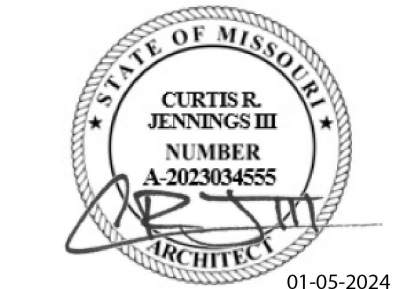


3 PARAPET WALL AT MAIN ROOF
3" = 1'-0"



1 TOWER WALL AT MAIN ROOF
3" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



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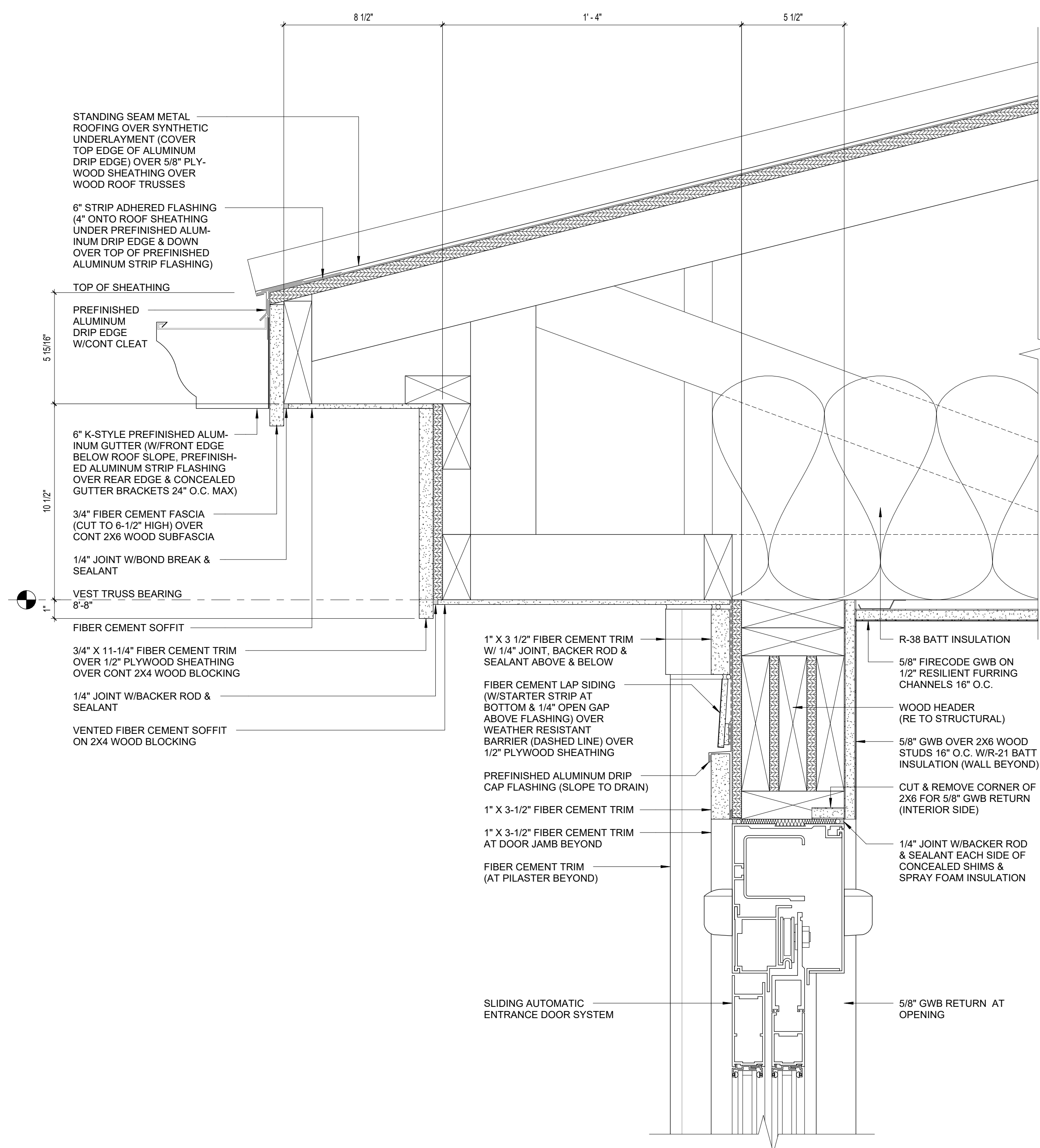
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DESIGNER : DAS	DRAWN : JAM	
ARCHITECT : DAS	CHECKED : AAT	
ENGINEER :	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE

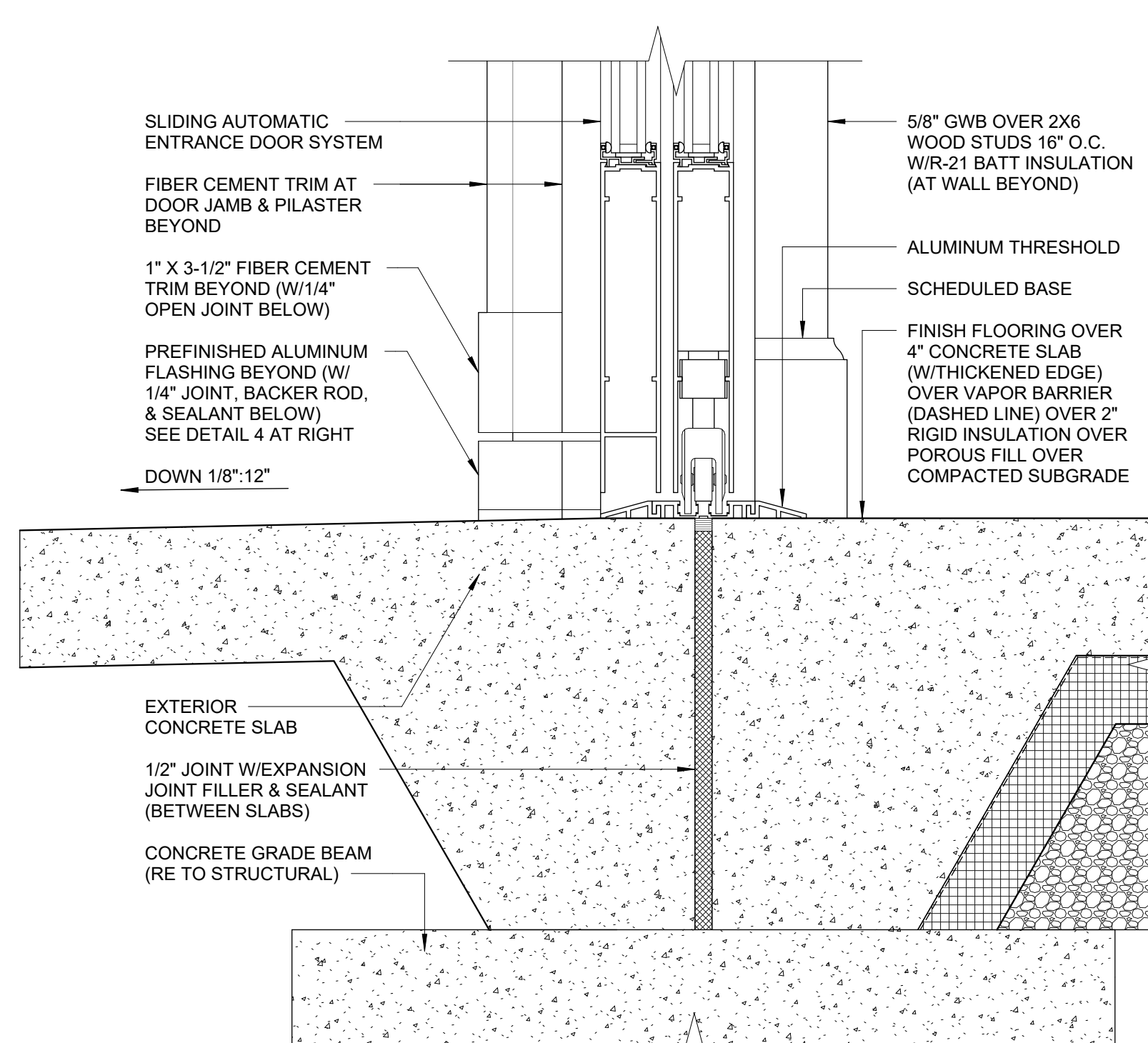
DRAWING TITLE
EXTERIOR DETAILS

DATE: January 5, 2024
COMM. NO. 23104.00

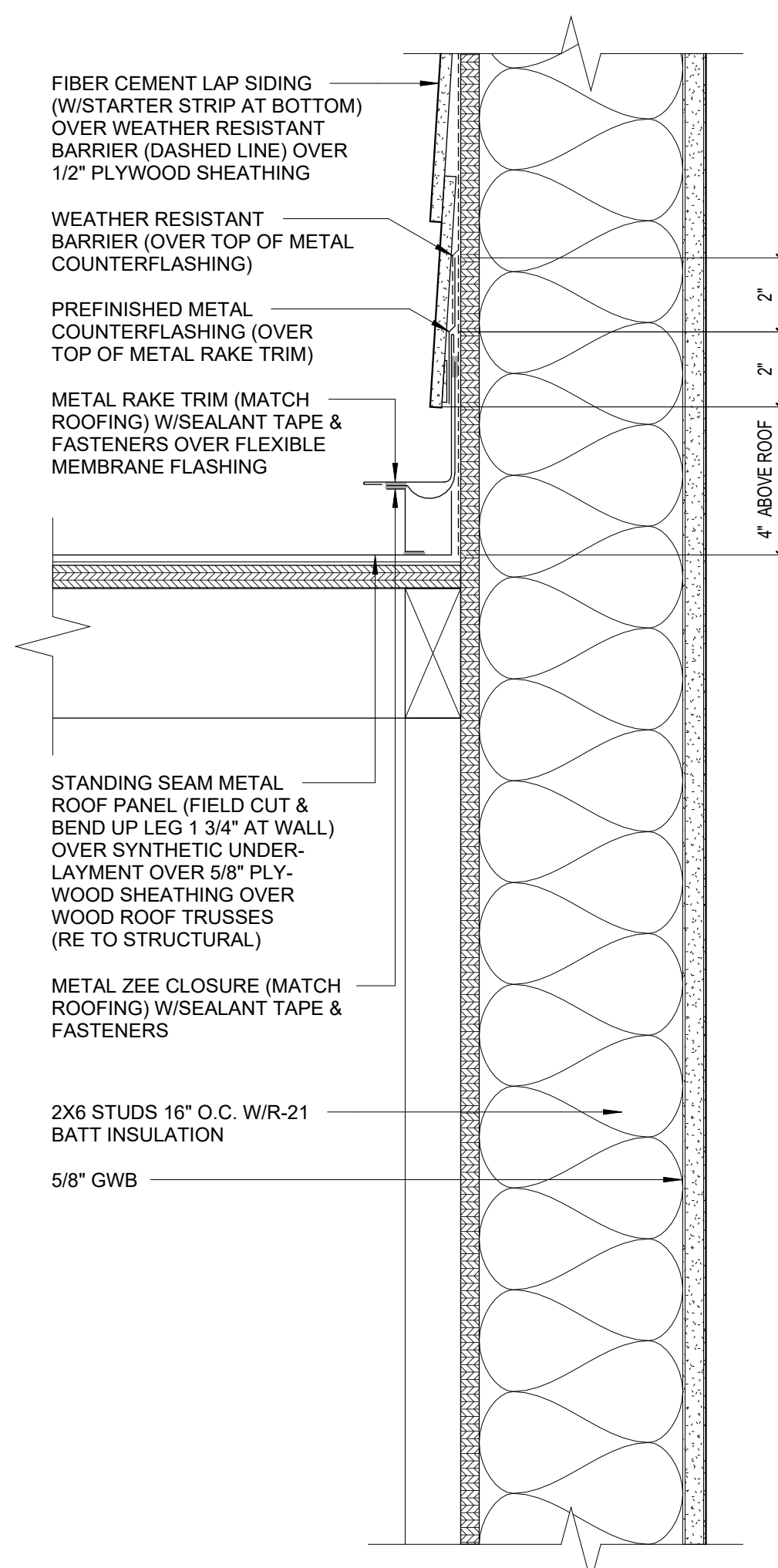
DRAWING
A6.9



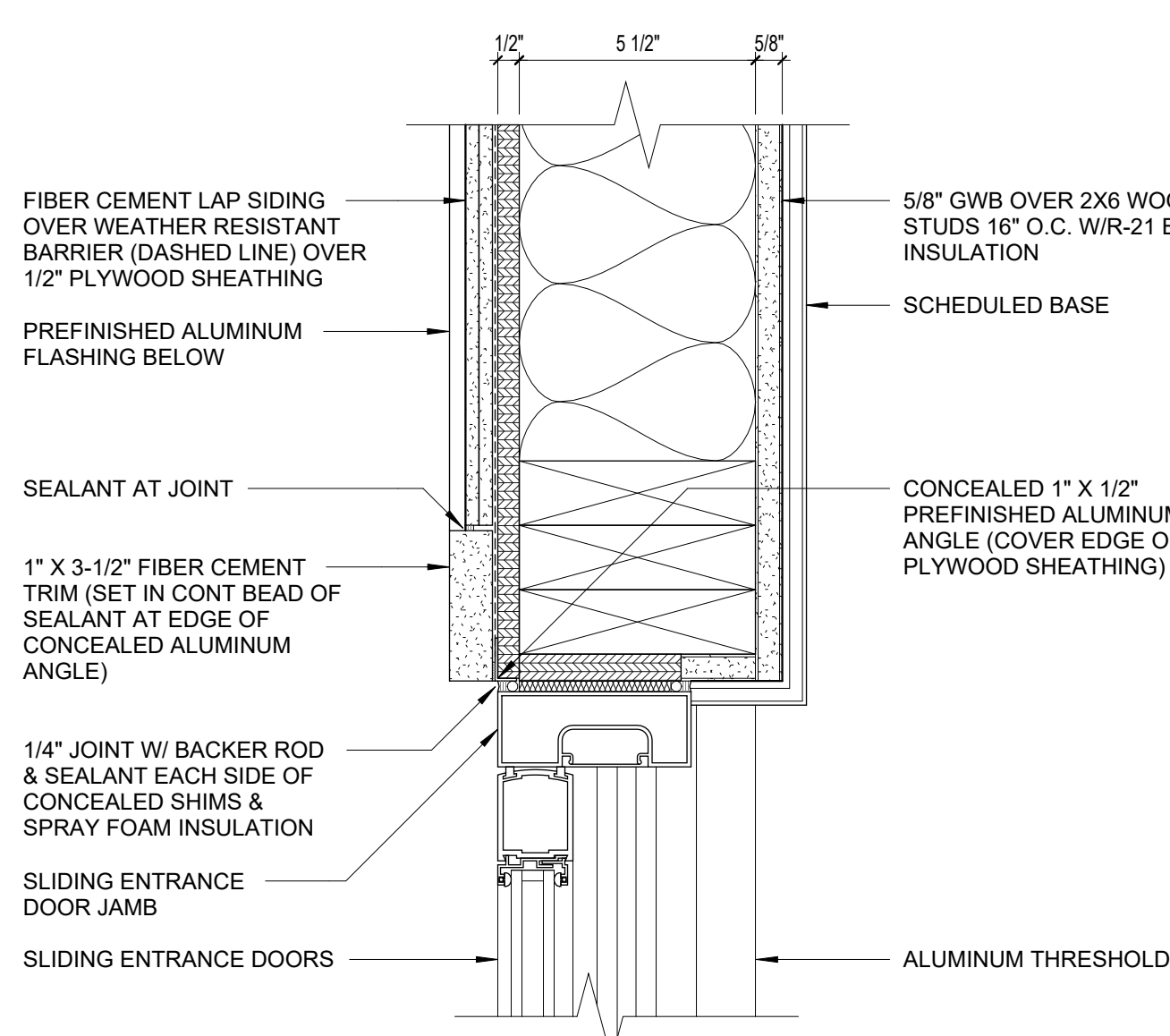
8 METAL ROOF EAVE DETAIL



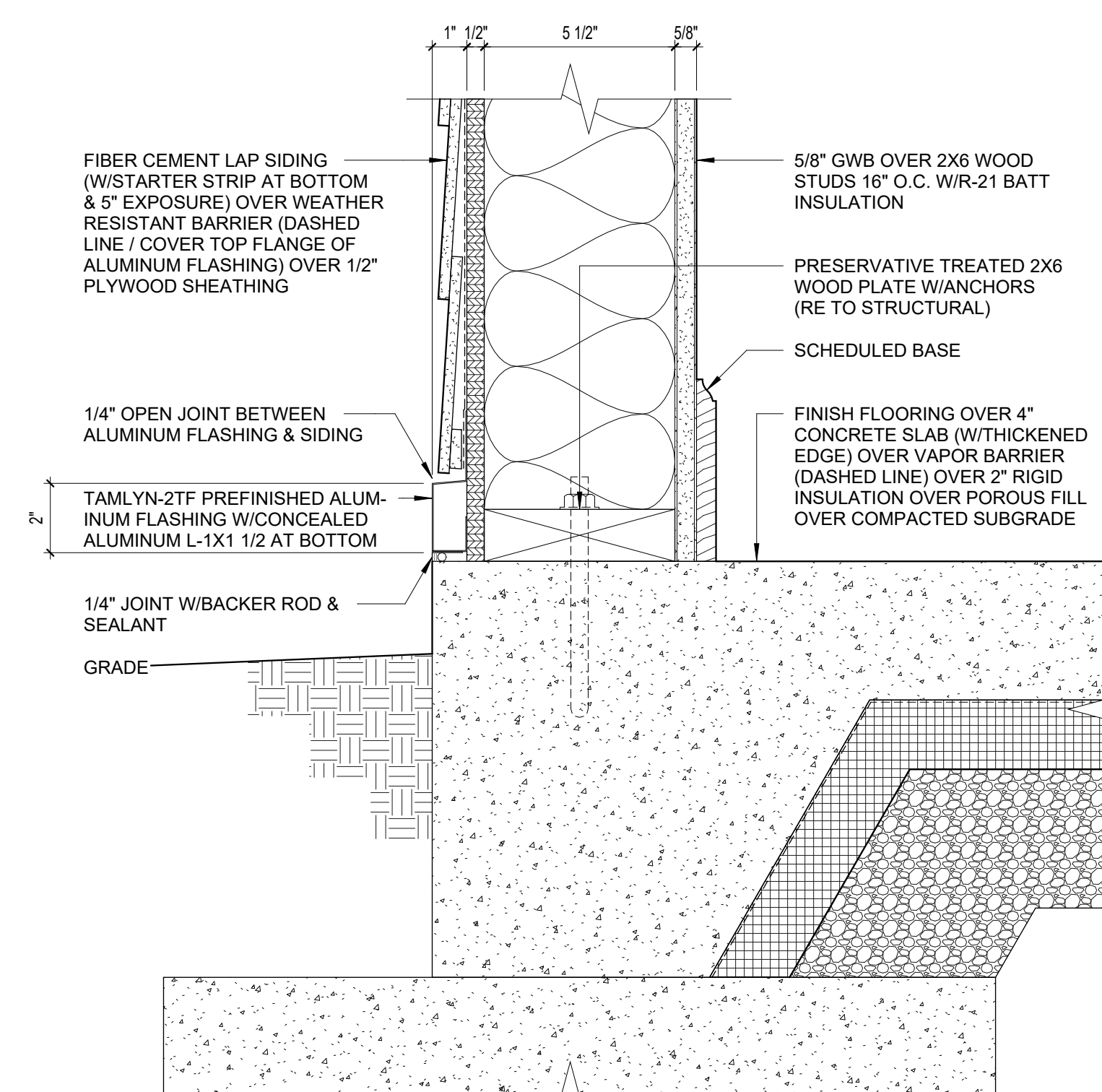
7 VESTIBULE ENTRANCE DOOR
3" = 1'-0"



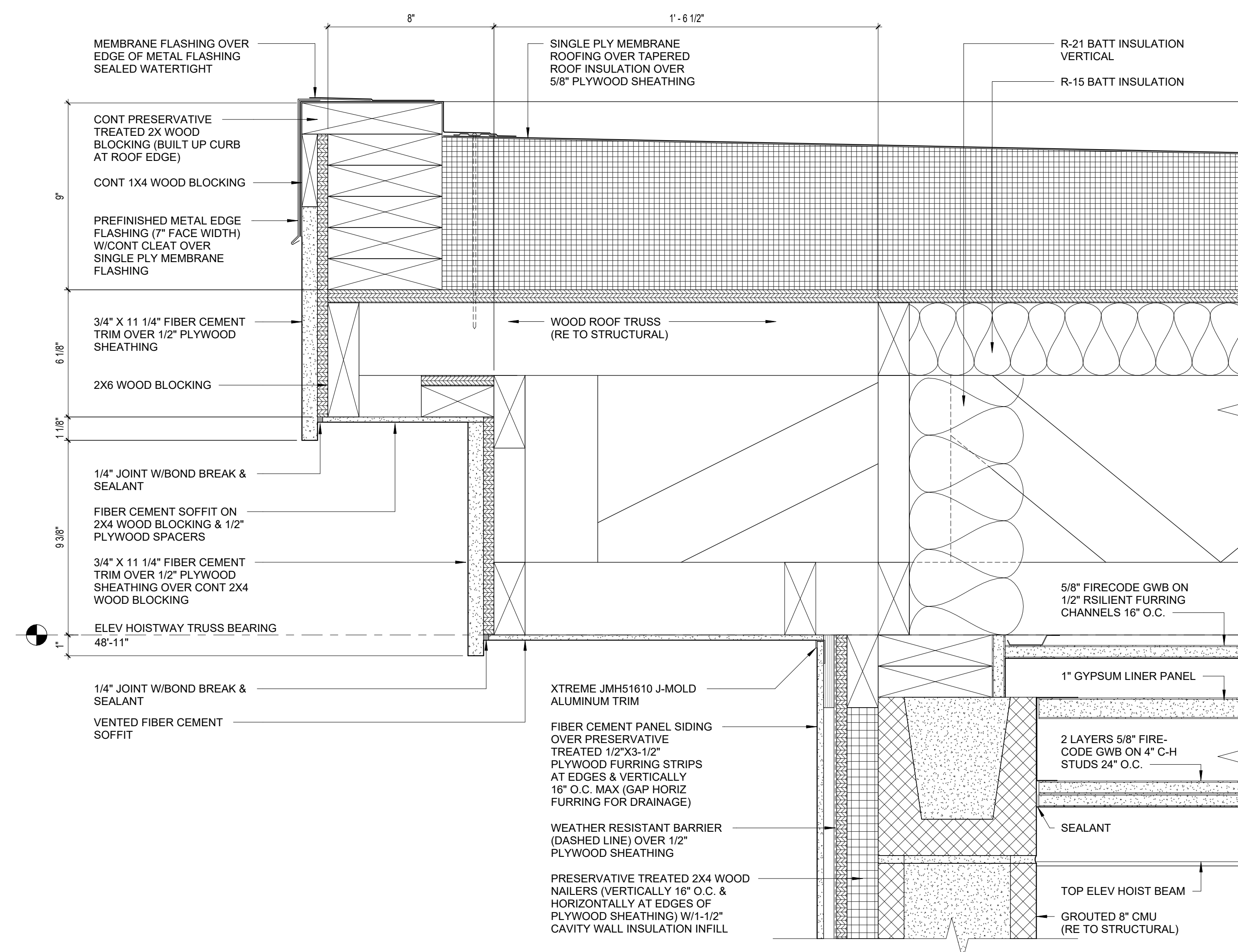
6 METAL ROOF FLASHING AT WALL



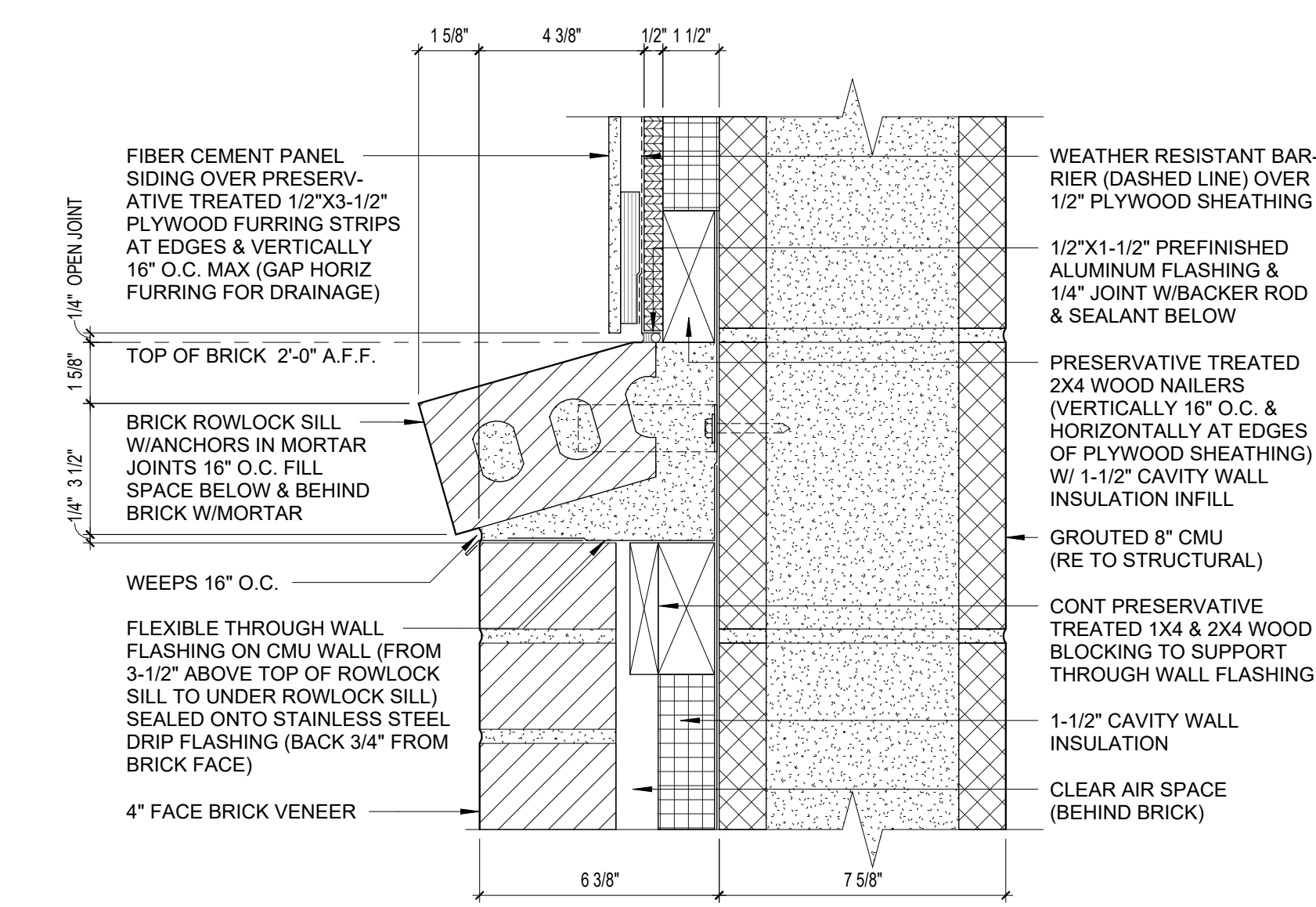
5 VESTIBULE ENTRANCE DOOR JAMB
3" = 1'-0"



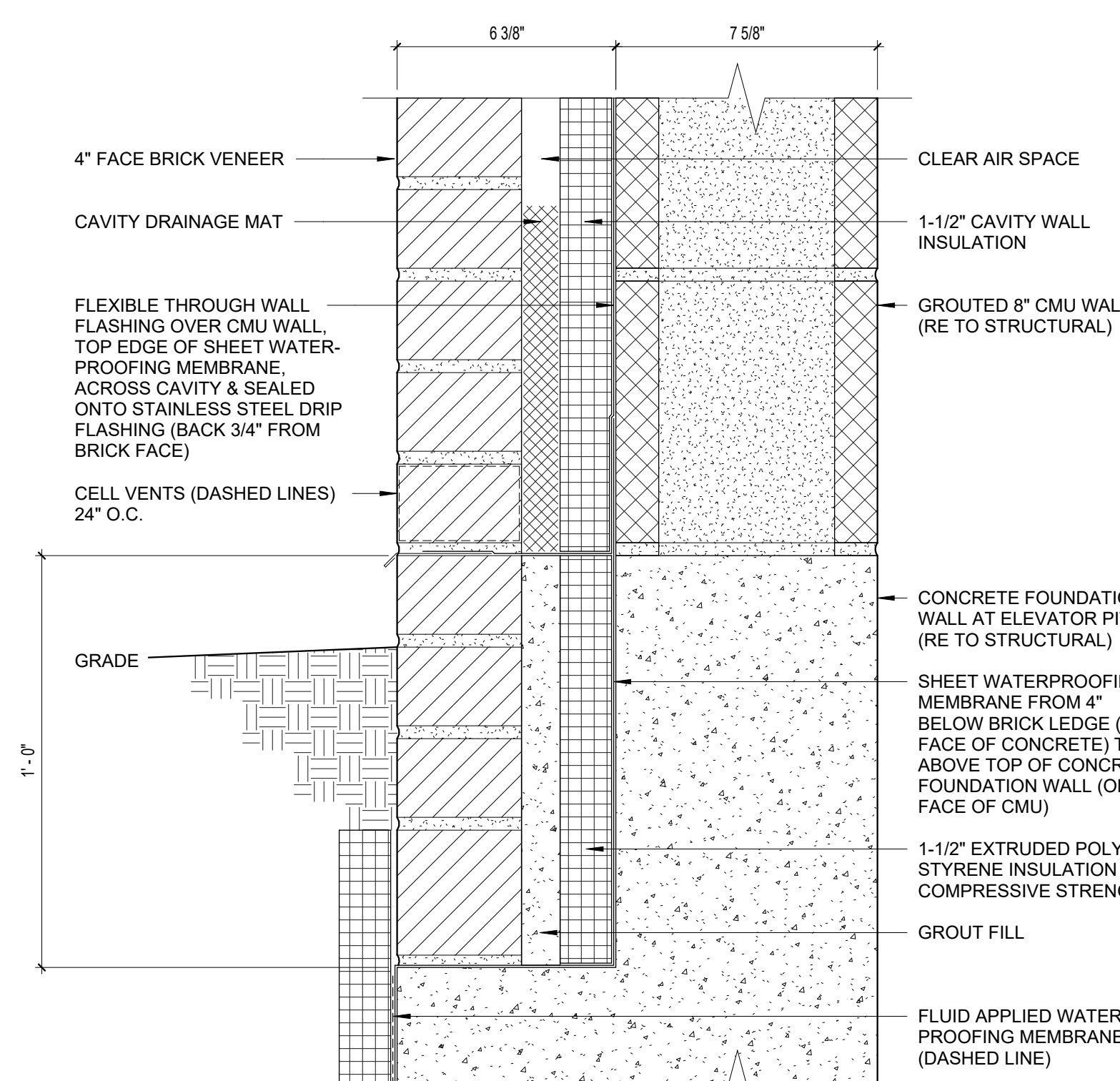
4 VESTIBULE SIDING AT GRADE
3" = 1'-0"



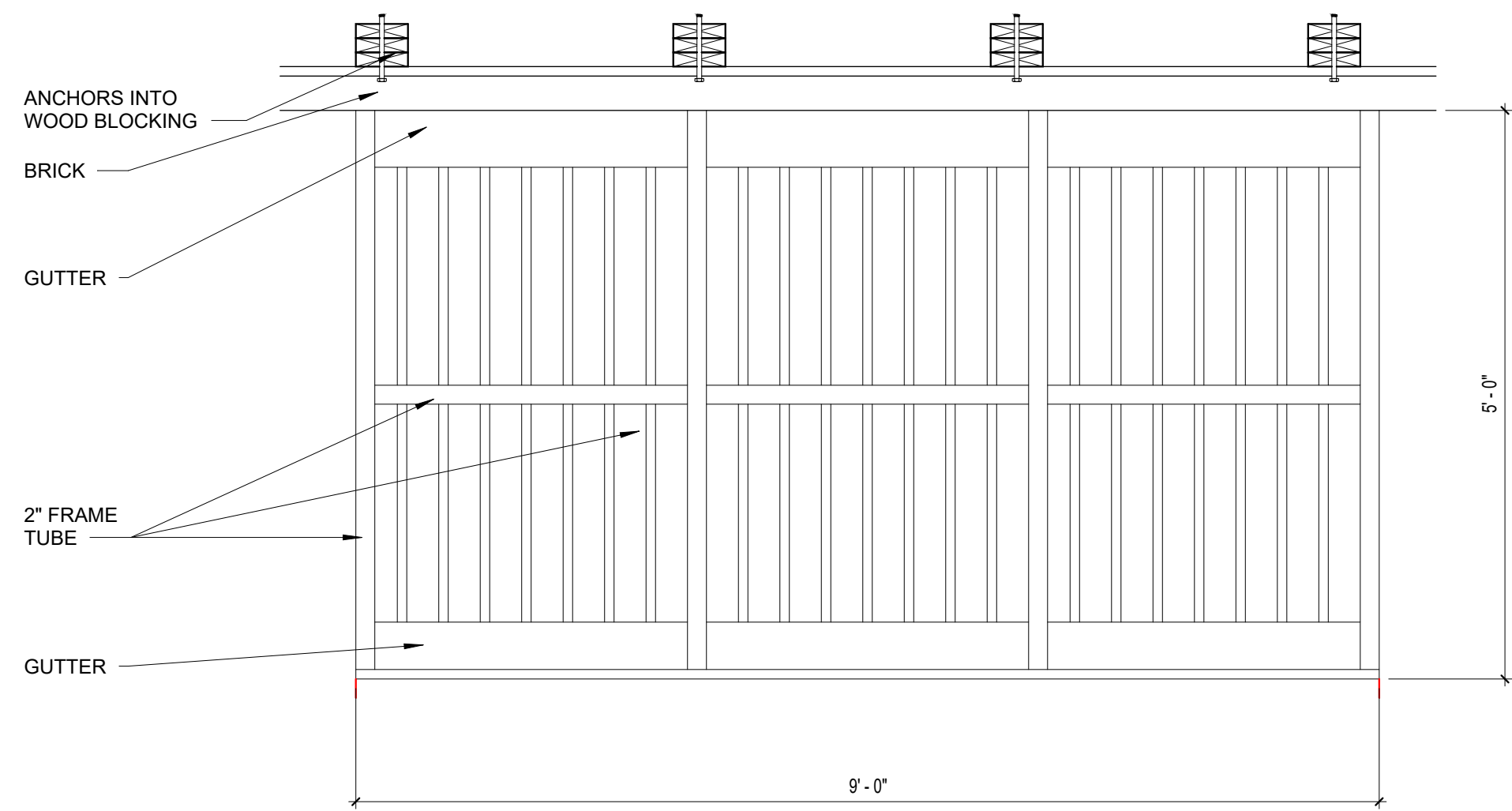
3 ELEV #1 HOISTWAY ROOF EDGE
3" = 1'-0"



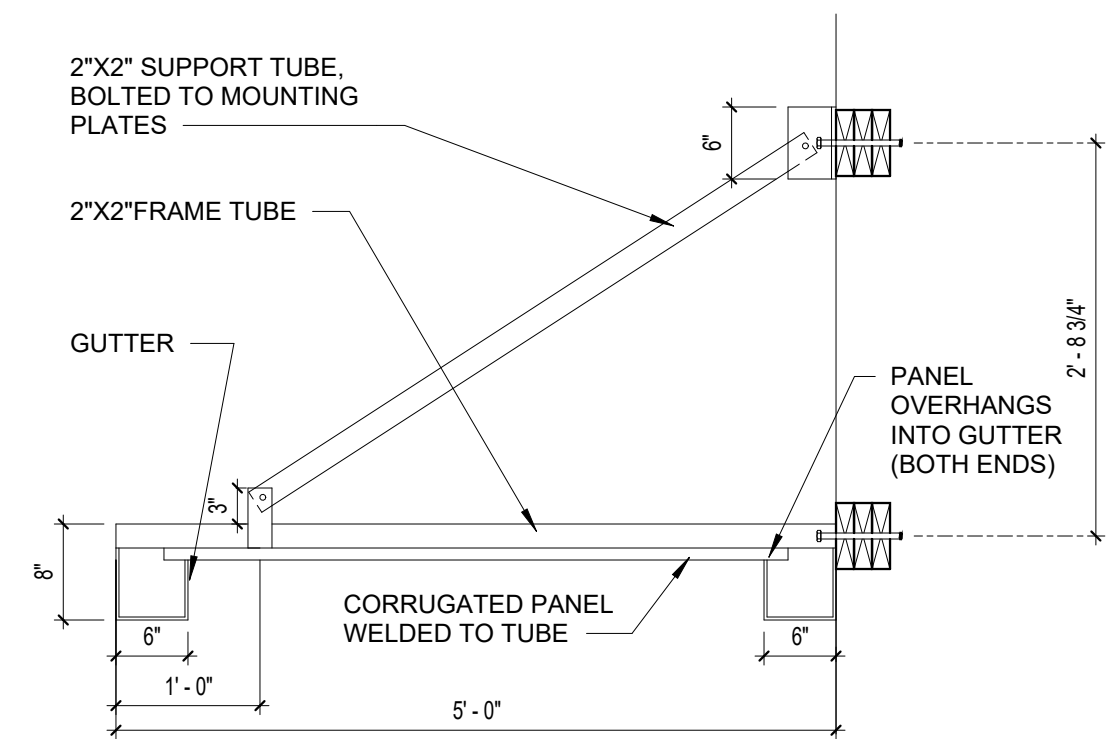
2 ELEV #1 HOISTWAY SIDING AT BRICK
3" = 1'-0"



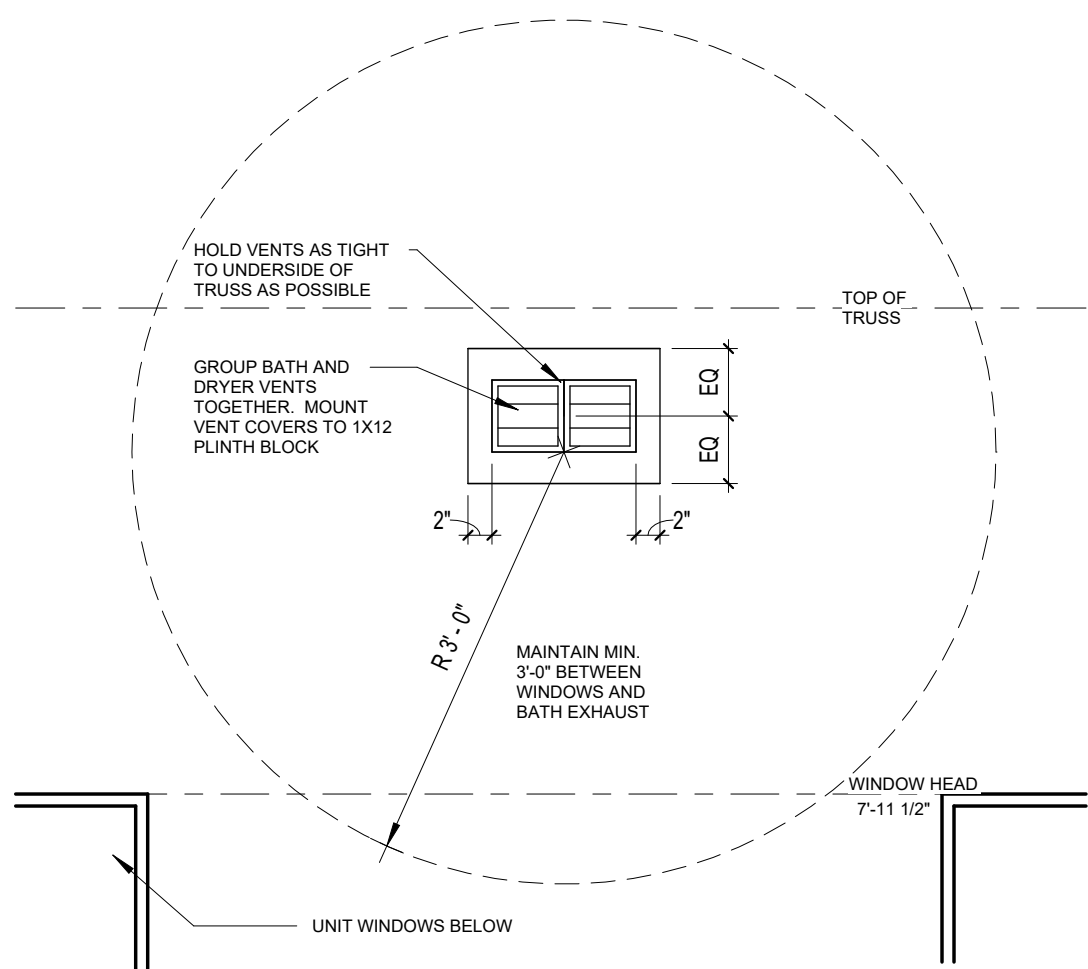
1 ELEV #1 HOISTWAY PIT AT GRADE
3" = 1'-0"



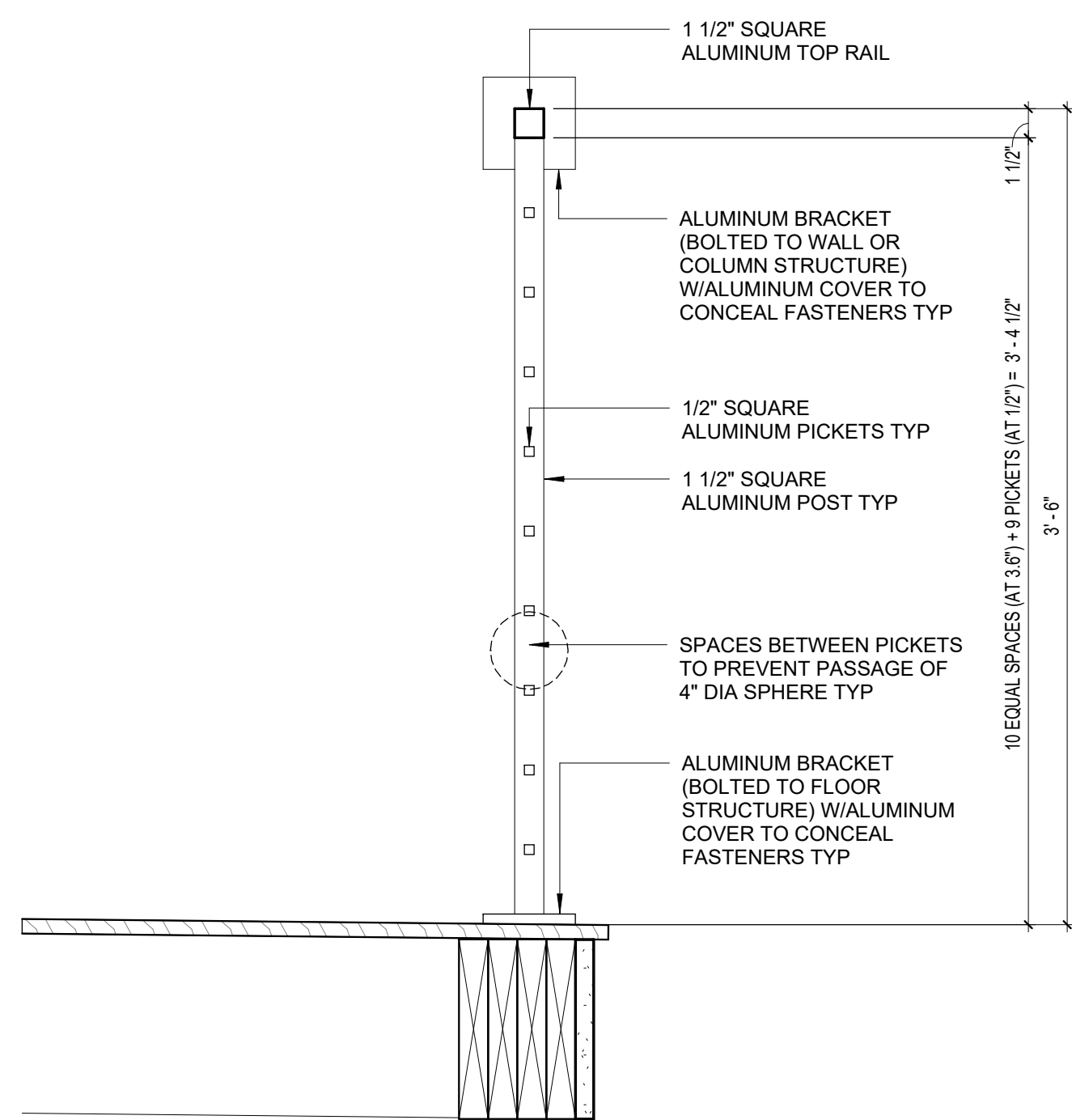
8 ALUMINUM CANOPY PLAN
3/4" = 1'-0"



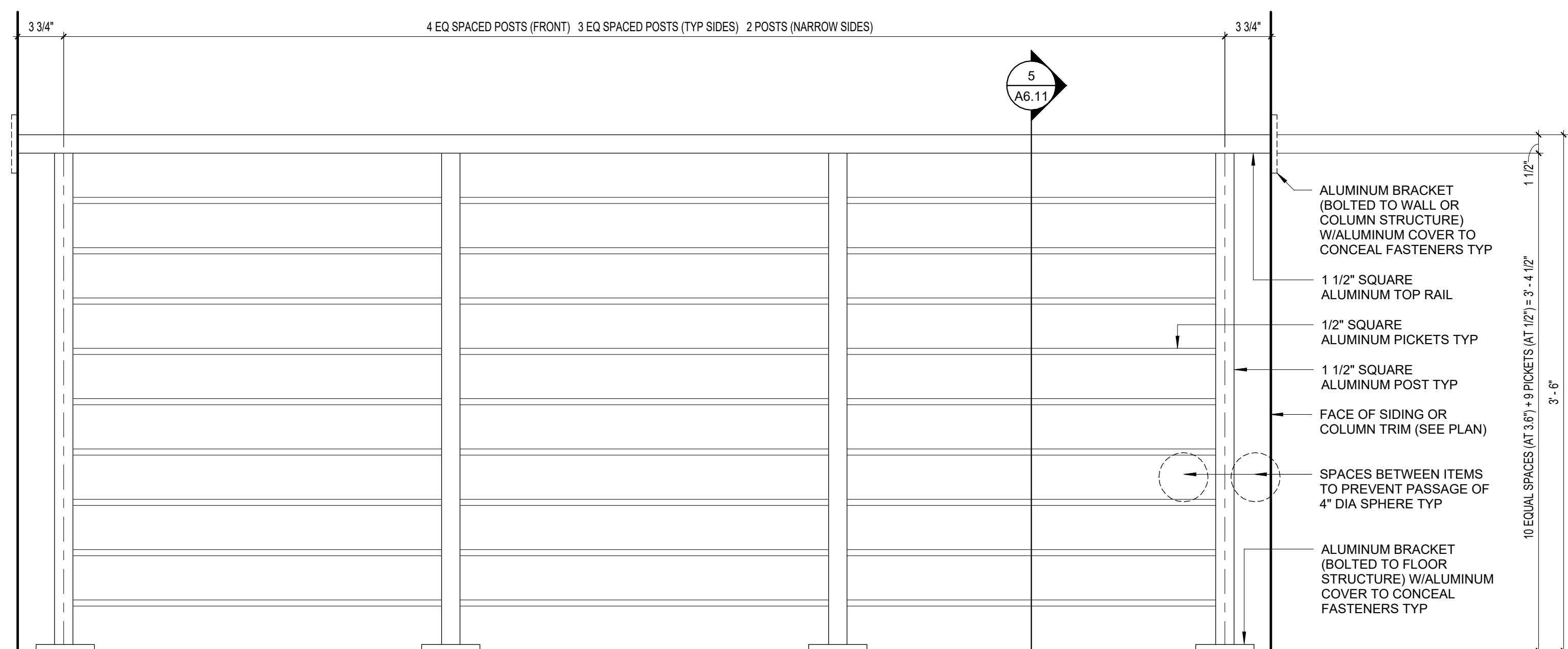
7 ALUMINUM CANOPY SECTION
3/4" = 1'-0"



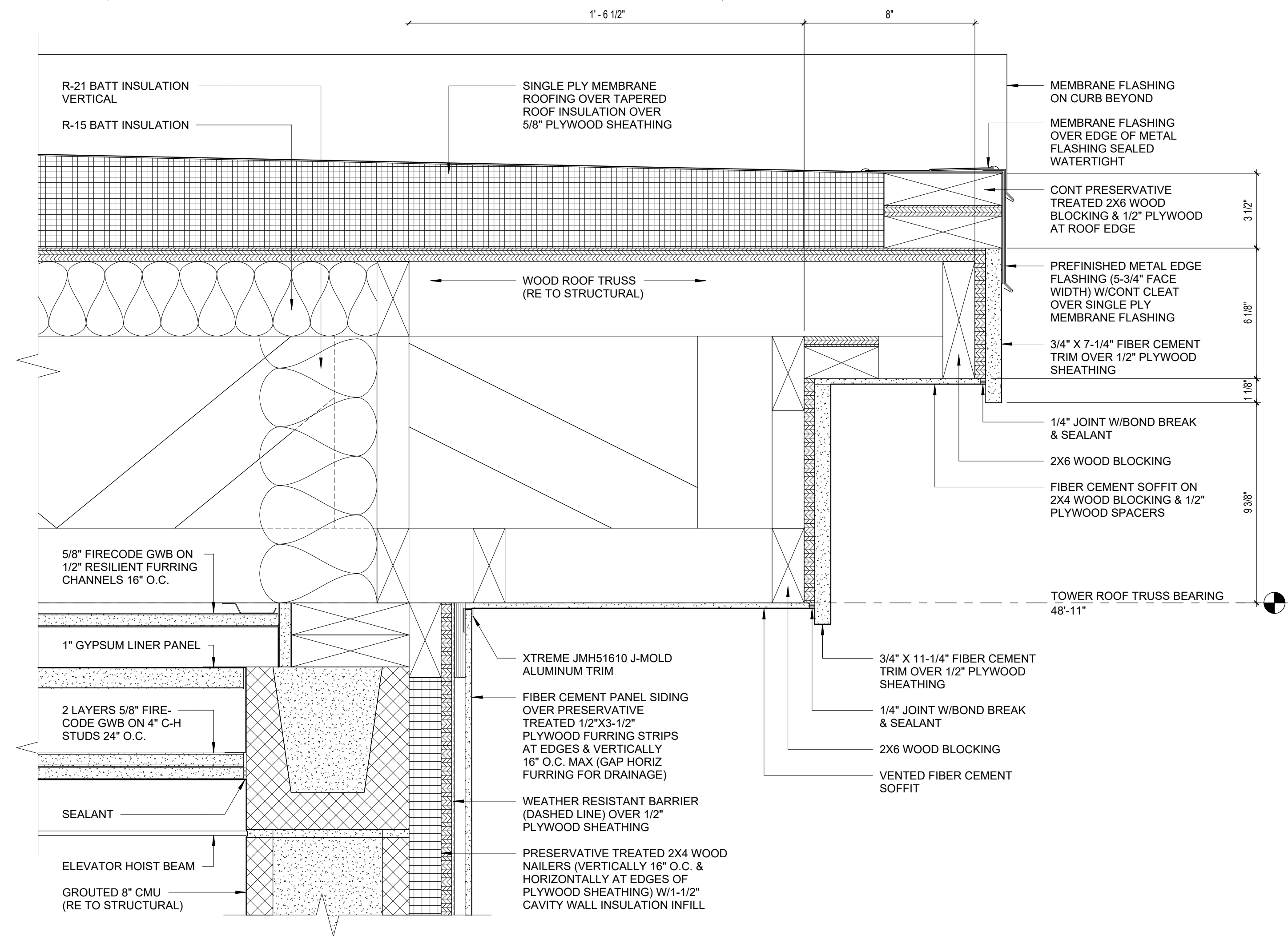
6 DRYER VENT DETAIL
3/4" = 1'-0"



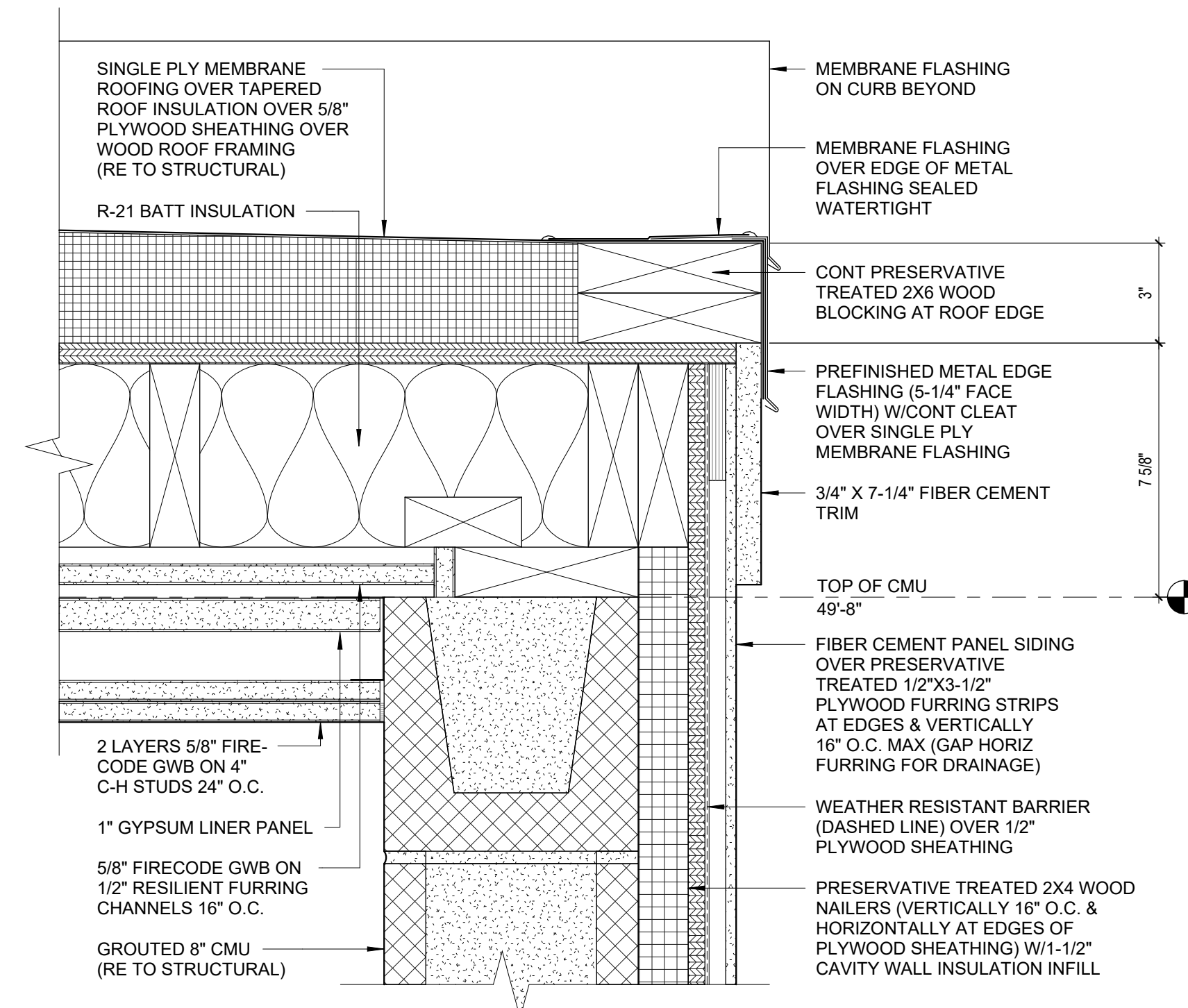
5 BALCONY RAIL SECTION
1 1/2" = 1'-0"



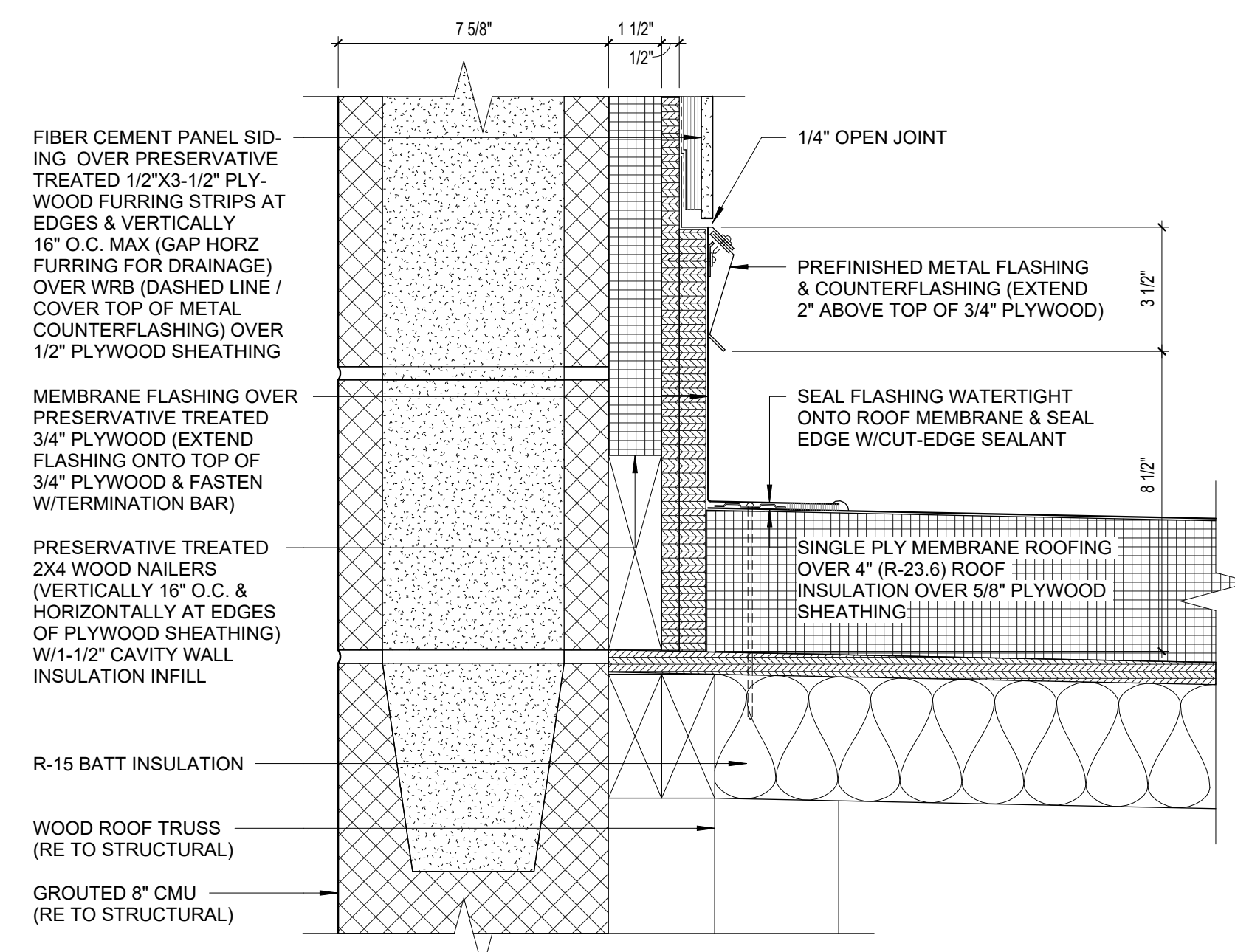
4 BALCONY RAIL ELEVATION
1 1/2" = 1'-0"



3 ELEV #1 HOISTWAY LOW ROOF EDGE
3" = 1'-0"



2 MECH CHASE LOW ROOF EDGE
3" = 1'-0"



1 MECH CHASE WALL AT ROOF
3" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



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DESIGNER : DAS	DRAWN : JAM	
ARCHITECT : DAS	CHECKED : AAT	
ENGINEER :	APPROVED :	
NO.	REVISION DESCRIPTION	DATE

DRAWING TITLE

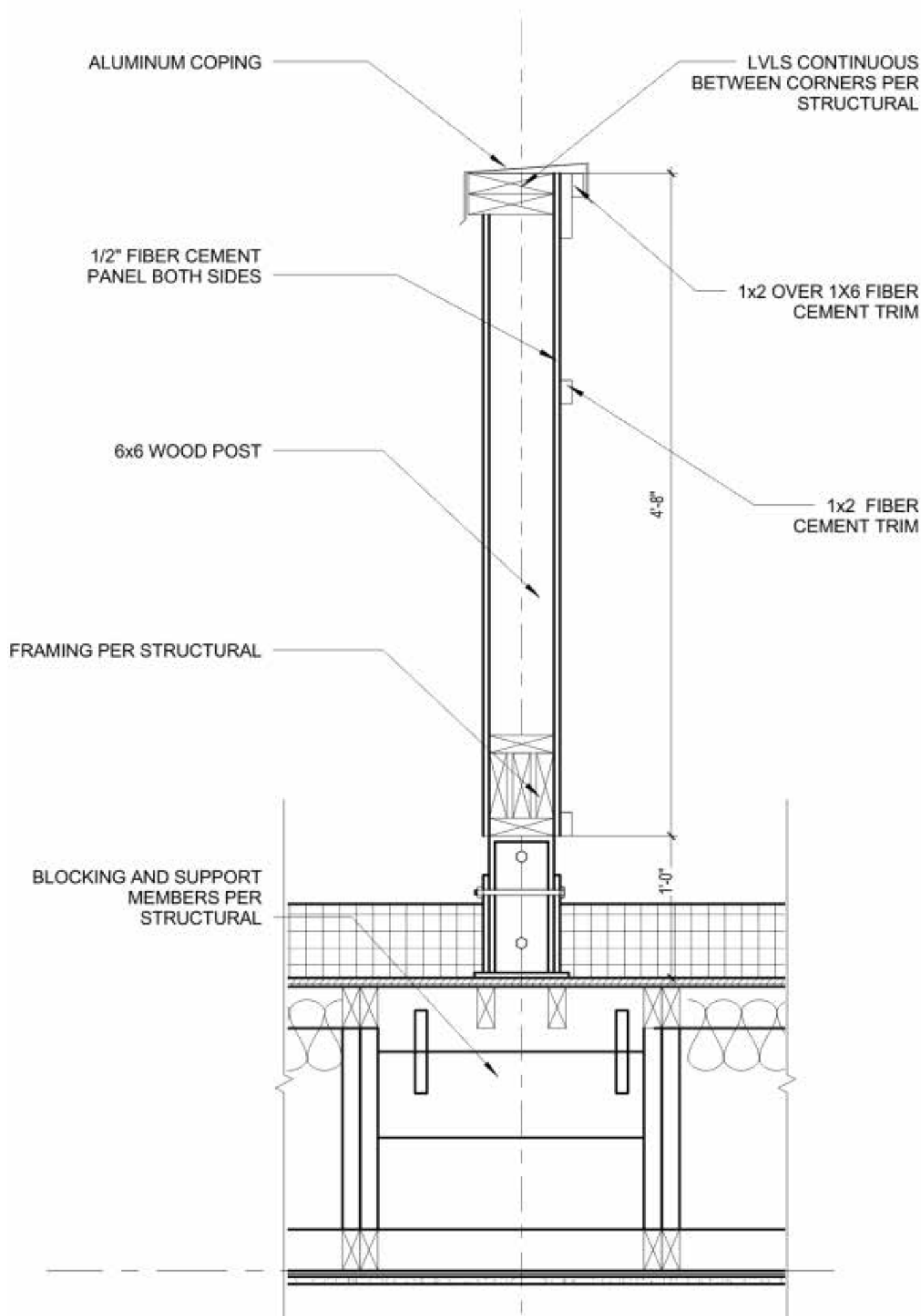
EXTERIOR DETAILS

DATE: January 5, 2024

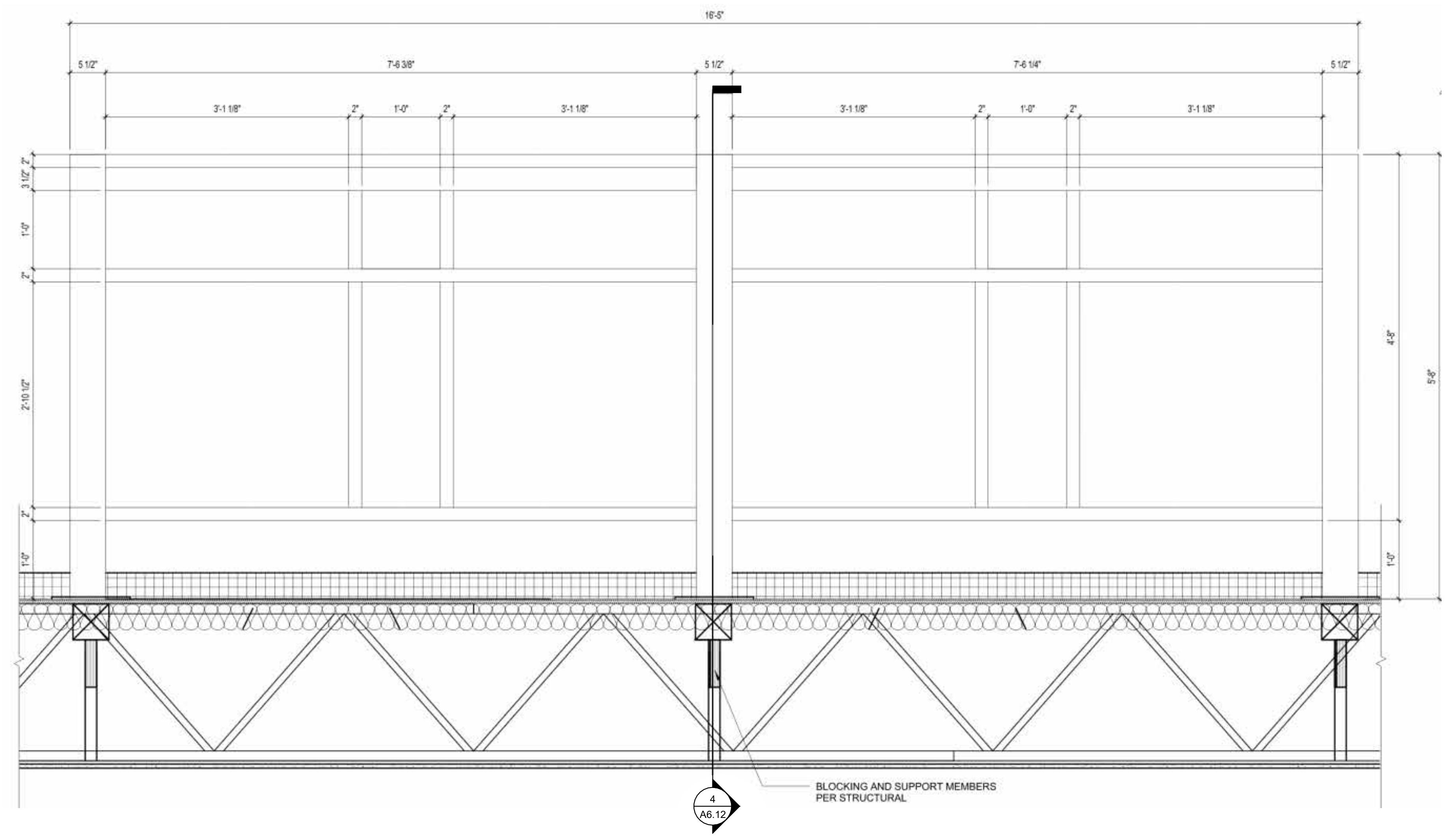
COMM. NO. 23104.00

DRAWING

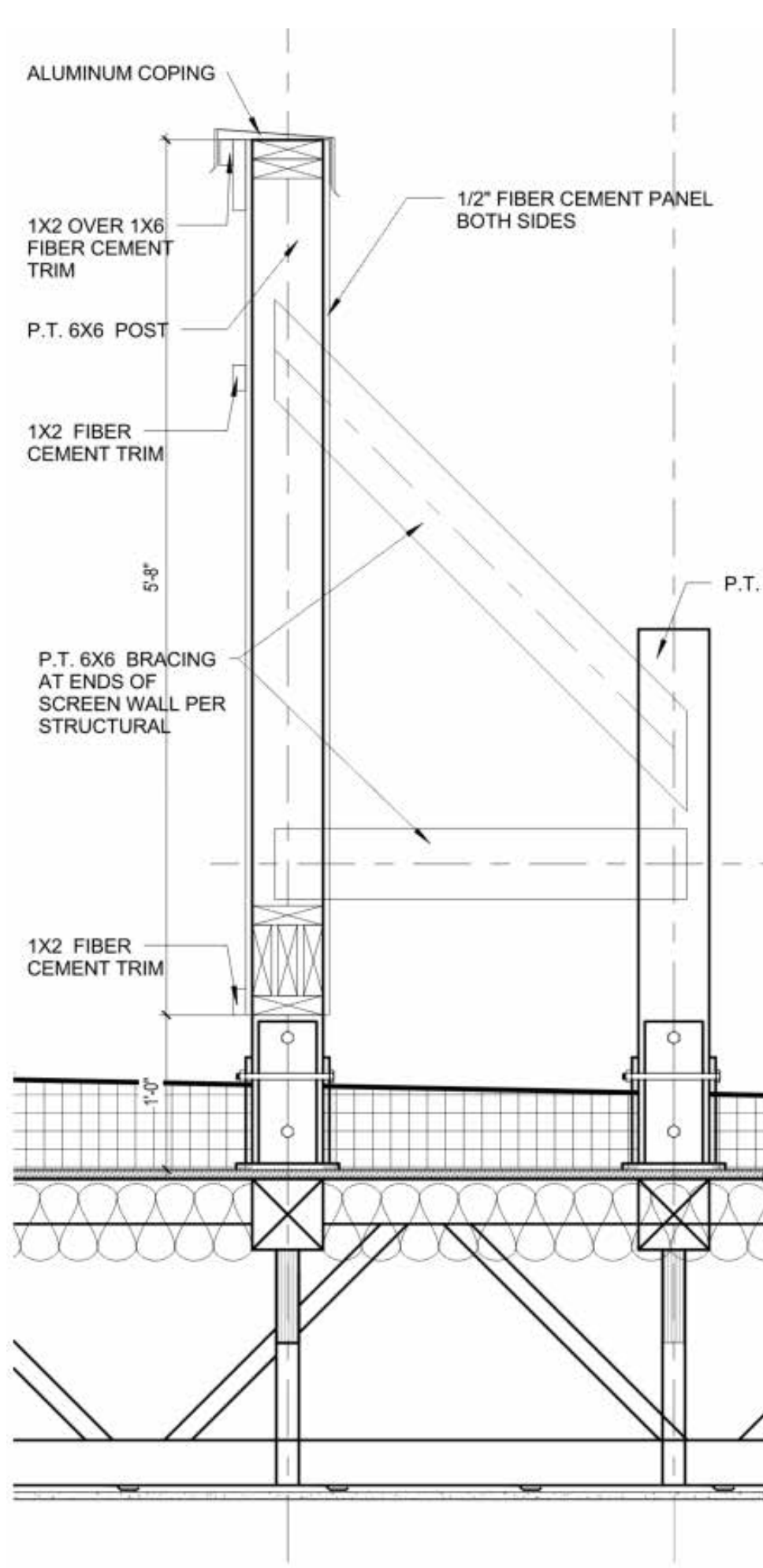
A6.11



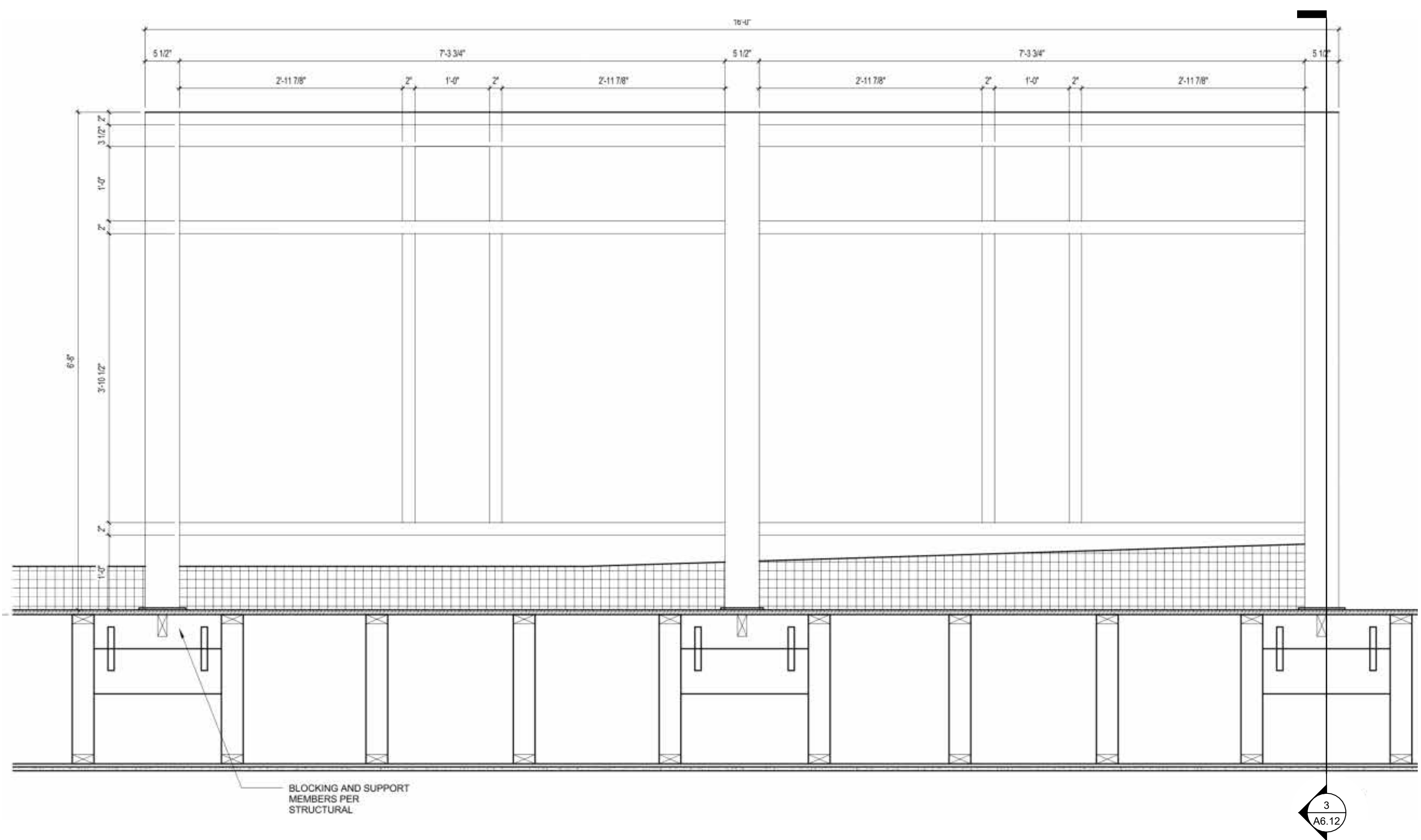
4 SCREEN WALL SECTION PERPENDICULAR TO TRUSS
3" = 1'-0"



2 SCREEN WALL ELEVATION PERPENDICULAR TO TRUSS
3" = 1'-0"



3 SCREEN WALL SECTION PARALLEL TO TRUSS
3" = 1'-0"



1 SCREEN WALL ELEVATION PARALLEL TO TRUSS
3" = 1'-0"

CONSTRUCTION SET



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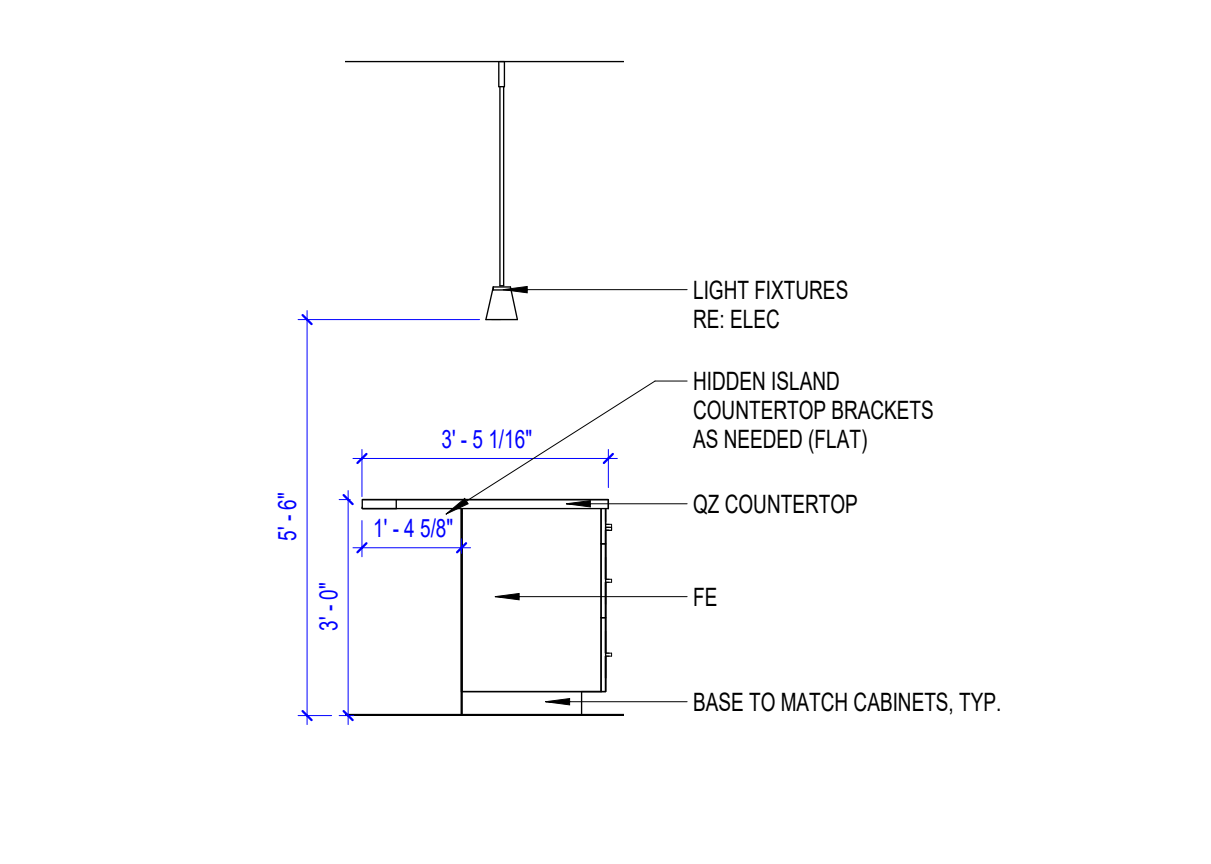
DESIGNER : DAS	DRAWN : DAS	
ARCHITECT : DAS	CHECKED : AAT	
ENGINEER :	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE

DRAWING TITLE
EXTERIOR DETAILS

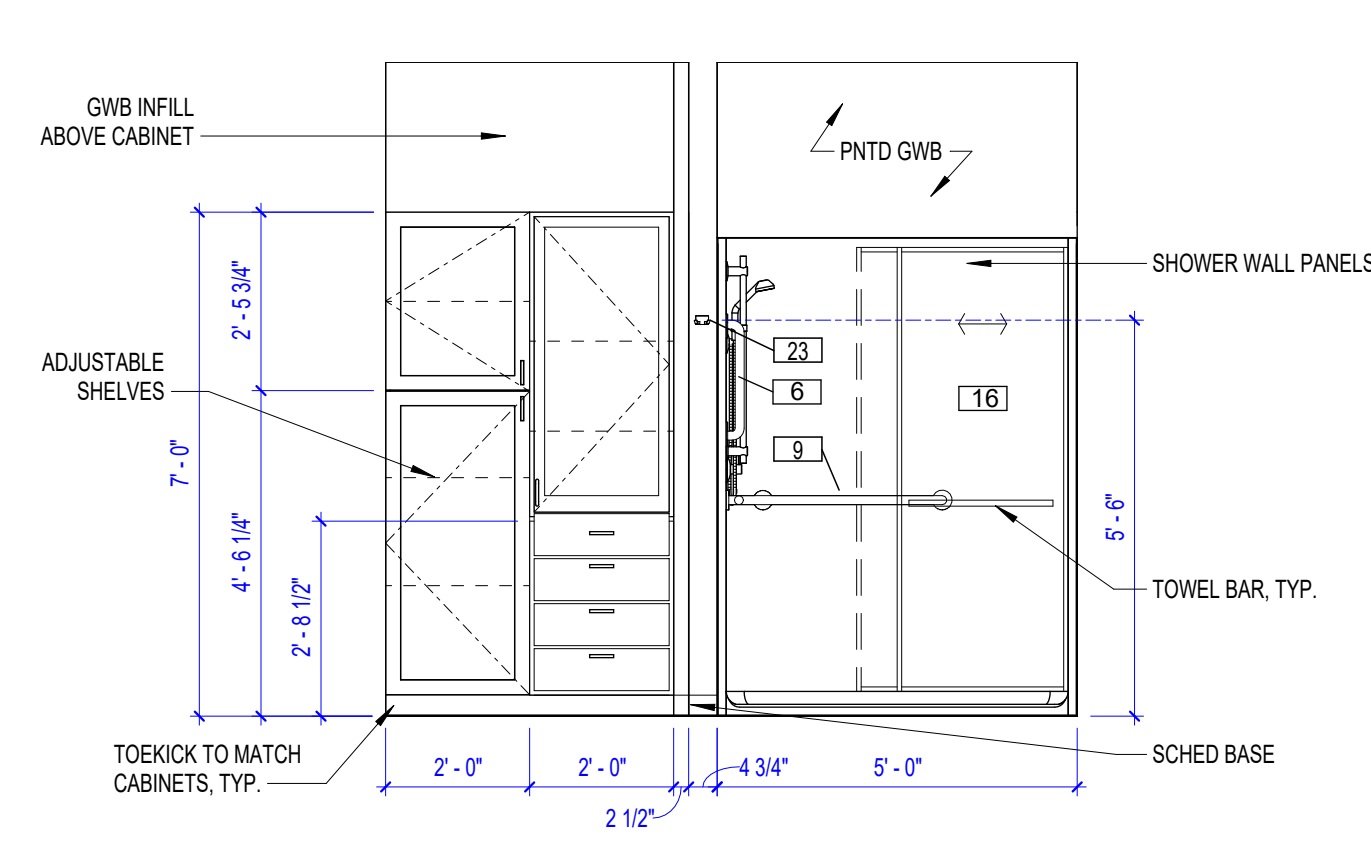
DATE: January 5, 2024
COMM. NO. 23104.00
DRAWING
A6.12

GENERAL NOTES

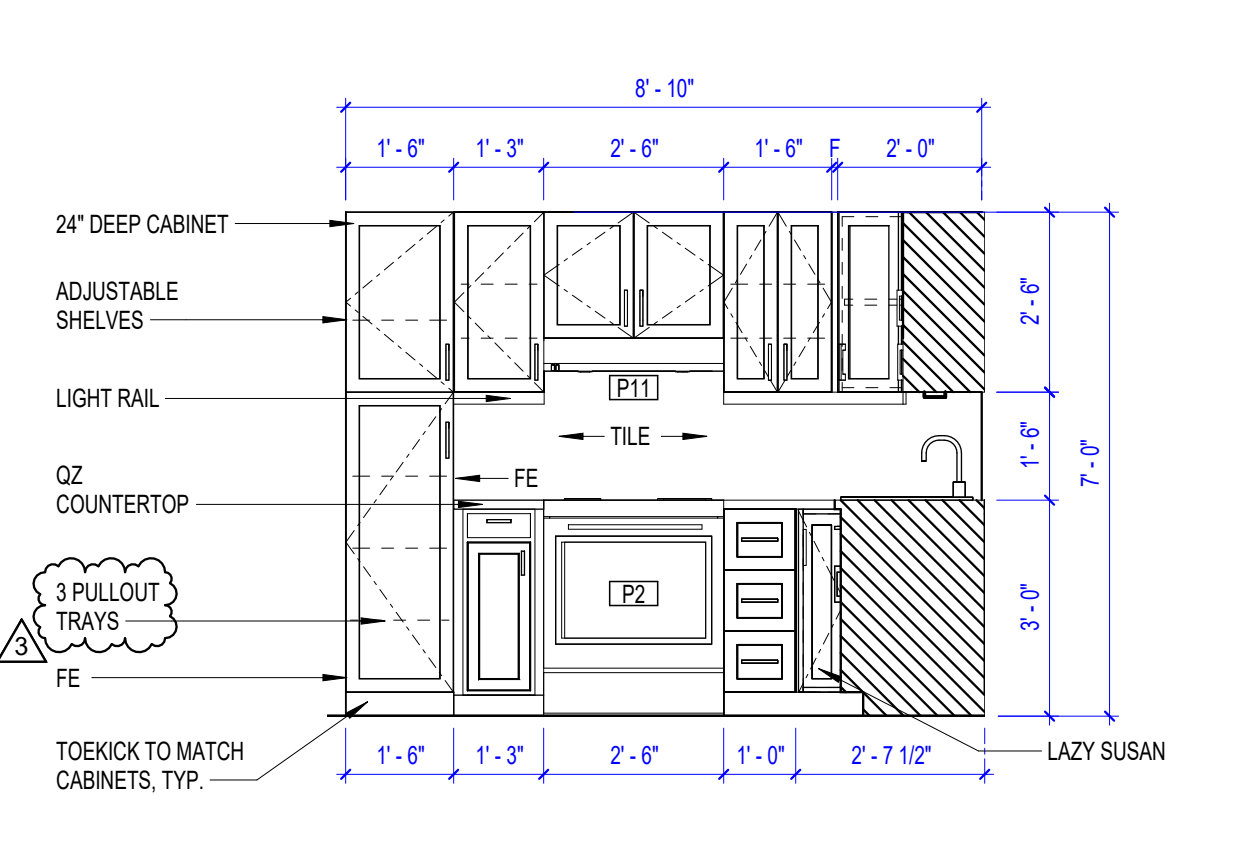
1. PROVIDE BLOCKING FOR FUTURE INSTALLATION OF GRAB BARS IN ALL ANSI TYPE B UNITS PER ANSI REQUIREMENTS. (ALL UNITS ARE TYPE B UNITS BESIDES 2020, WHICH IS A TYPE A UNIT).
2. PROVIDE BLOCKING AND GRAB BARS FOR 18" VERTICAL GRAB BAR AND WRAP AROUND GRAB BAR AT ALL MASTER BATHROOM SHOWERS.
3. PROVIDE GRAB BARS AT TIME OF CONSTRUCTION IN ANSI TYPE A (HC) UNIT PER ANSI REQUIREMENTS.



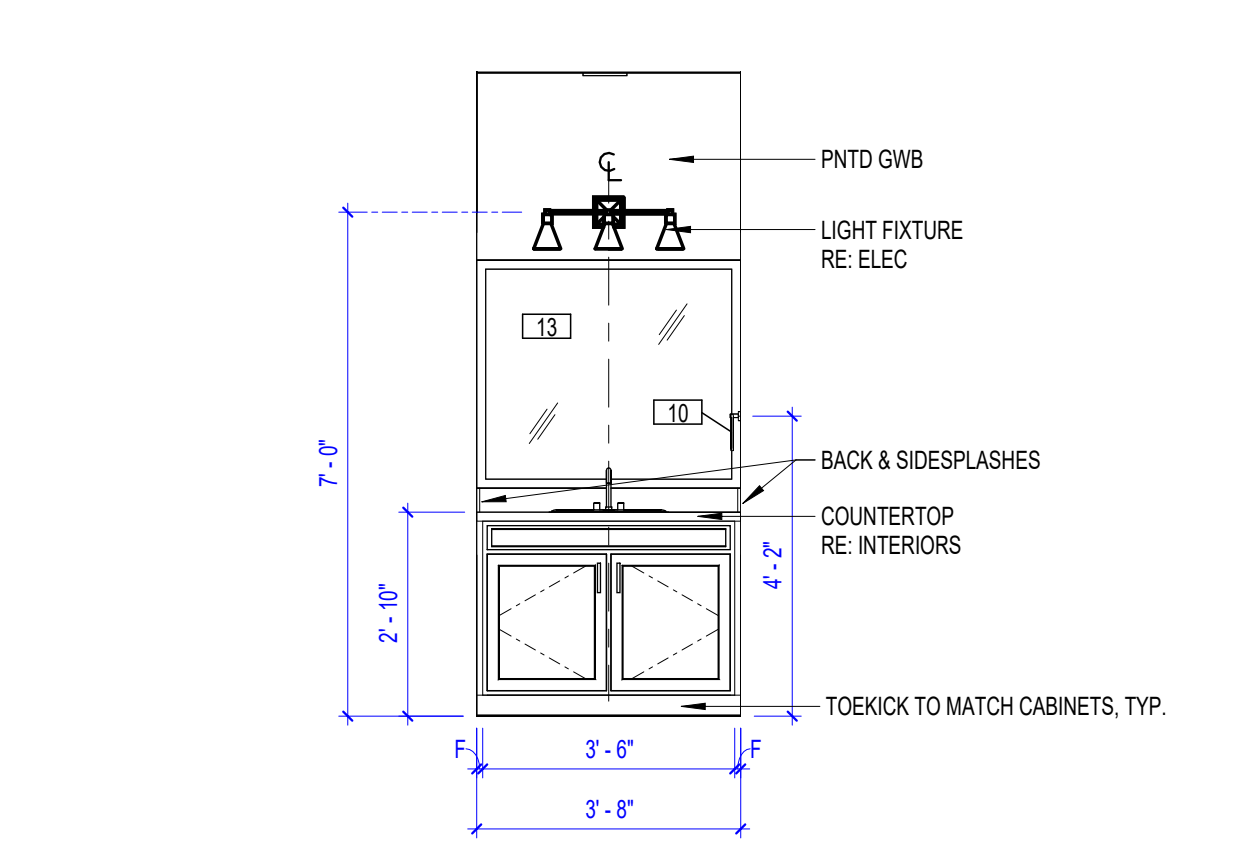
20 UNIT D1-D2-D3 KIT. ISLAND 2
3/8" = 1'-0"



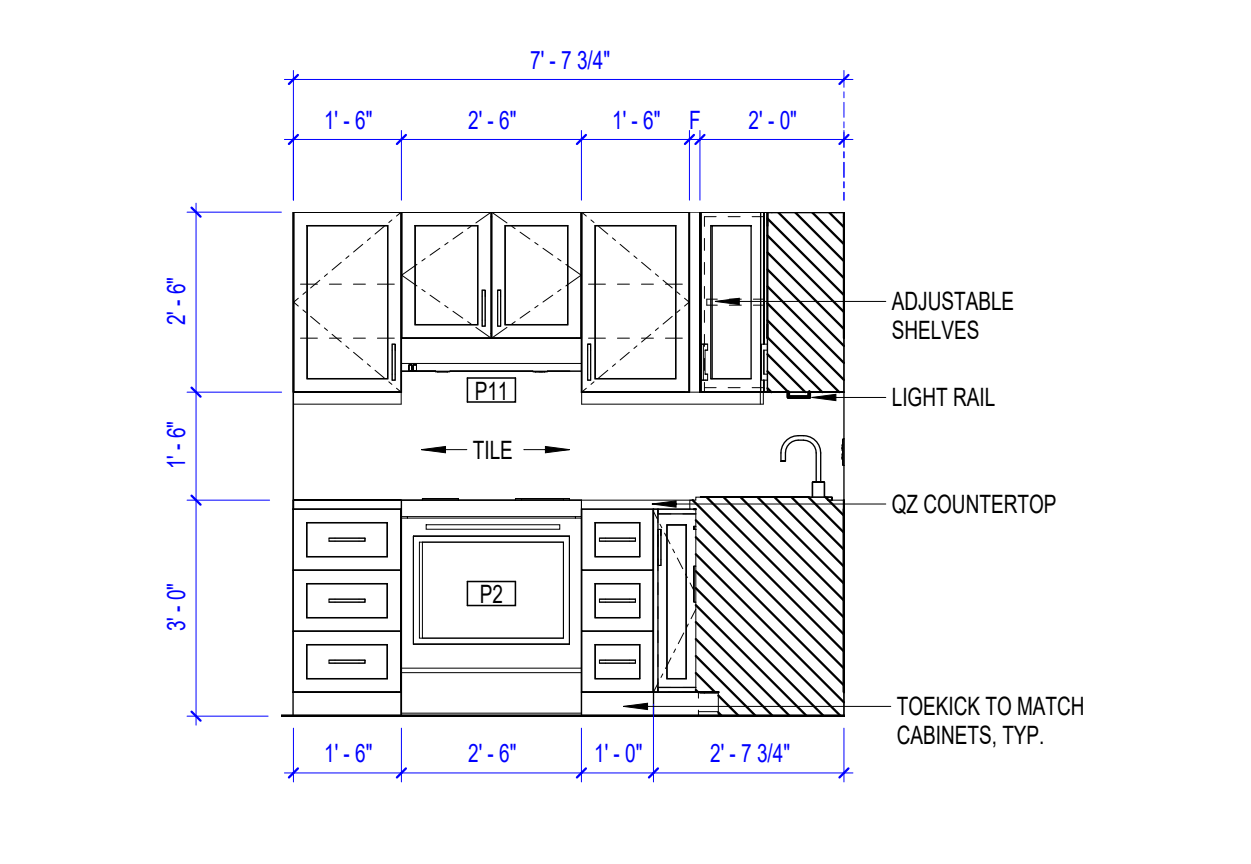
16 UNIT D1-D2-D3 PR. SHOWER
3/8" = 1'-0"



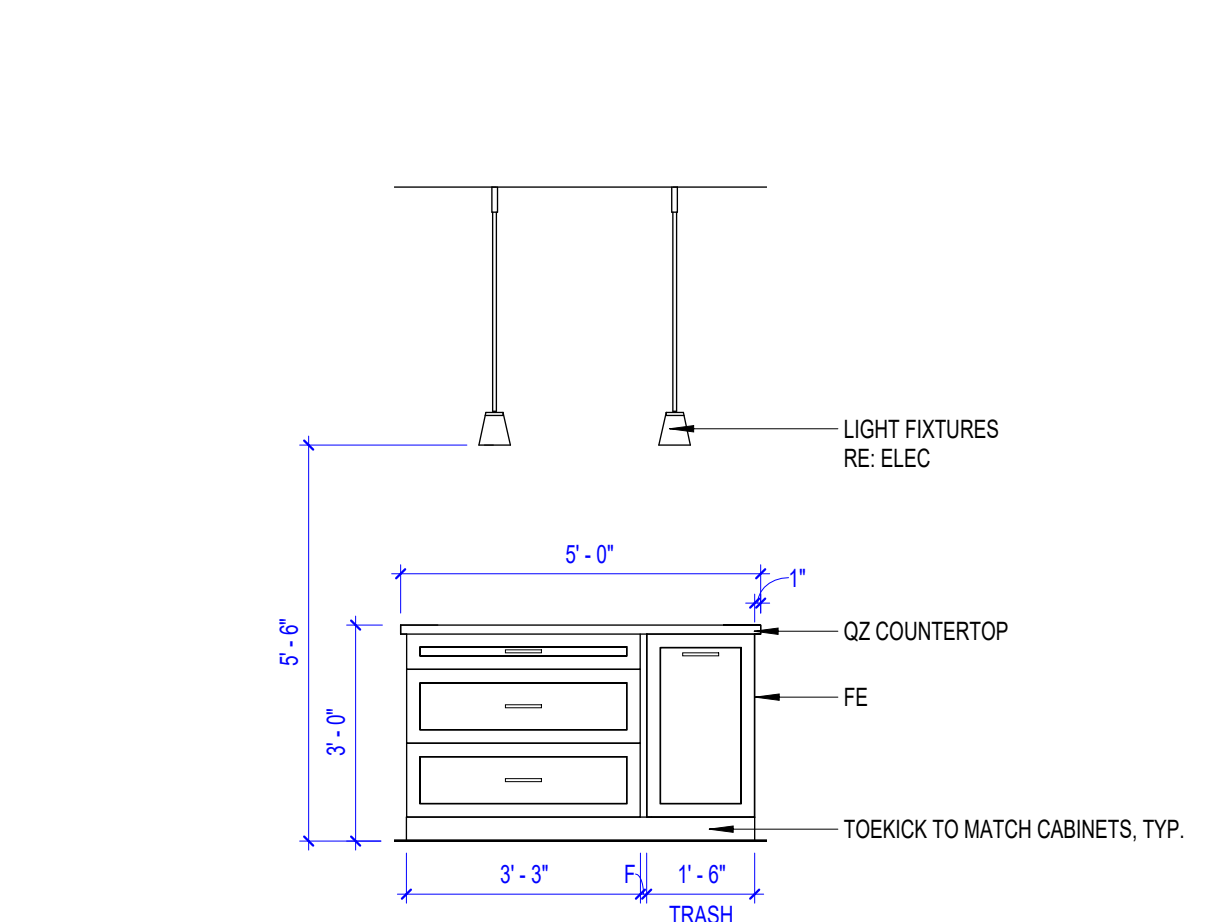
12 UNIT C KITCHEN STOVE
3/8" = 1'-0"



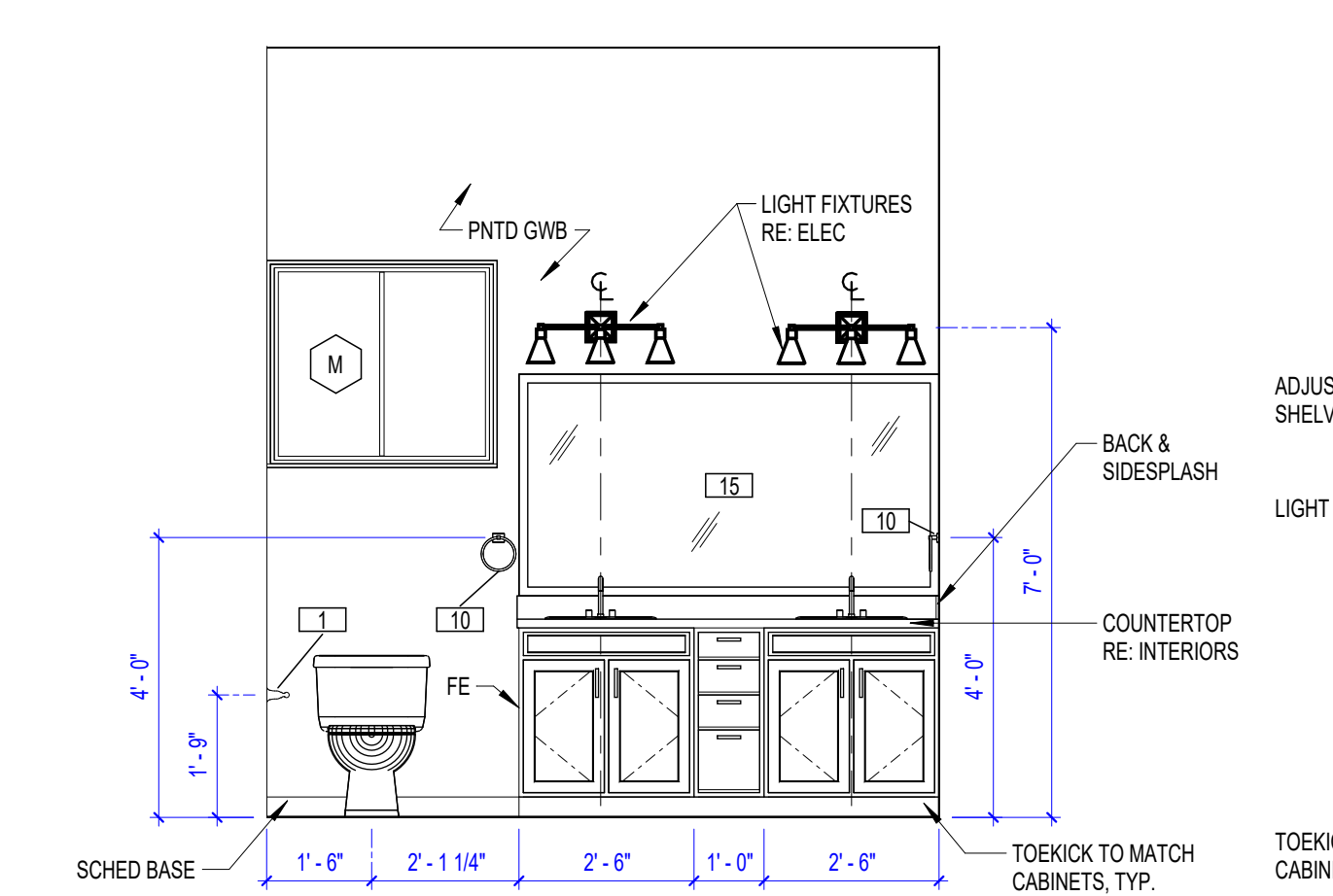
8 UNIT C HALF BATH
3/8" = 1'-0"



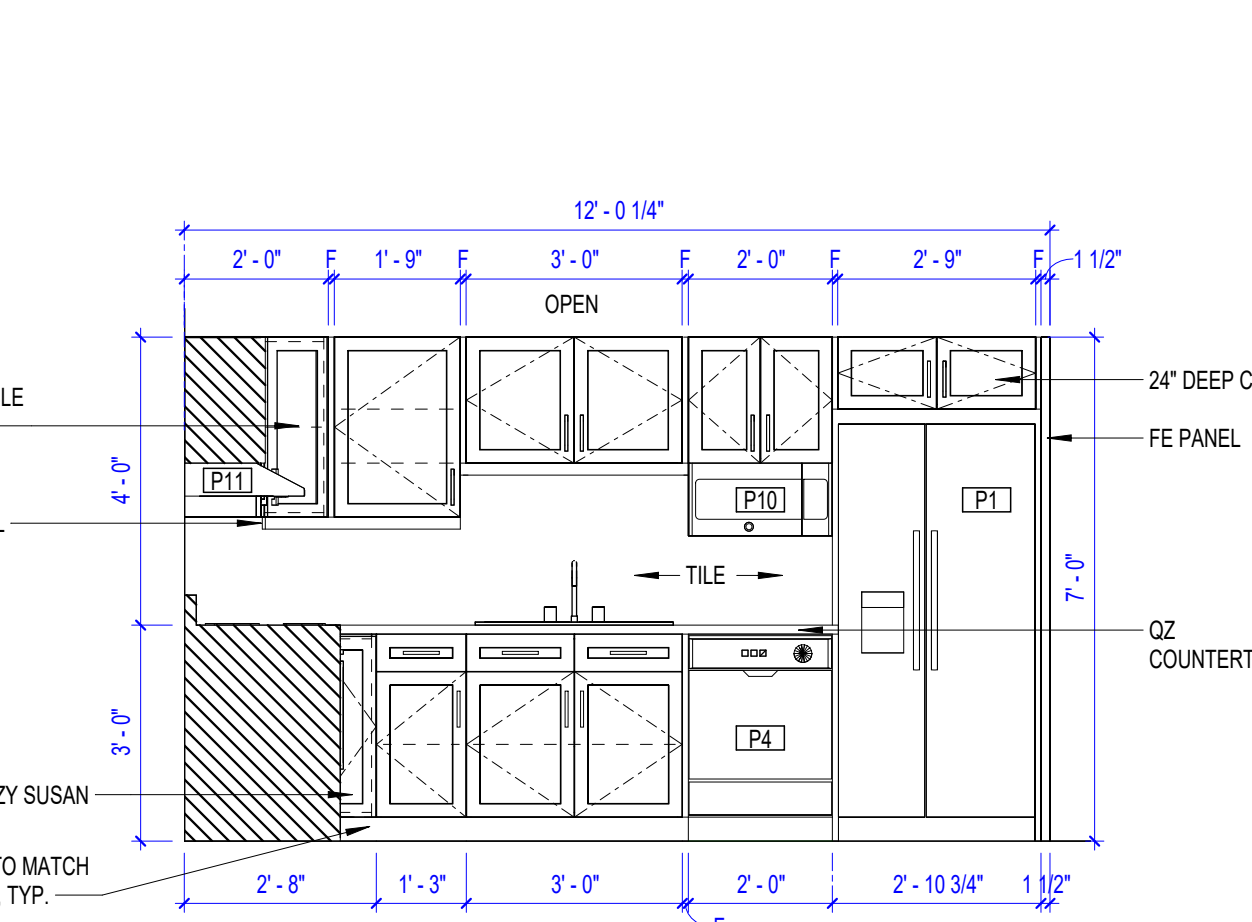
4 UNIT B KITCHEN STOVE
3/8" = 1'-0"



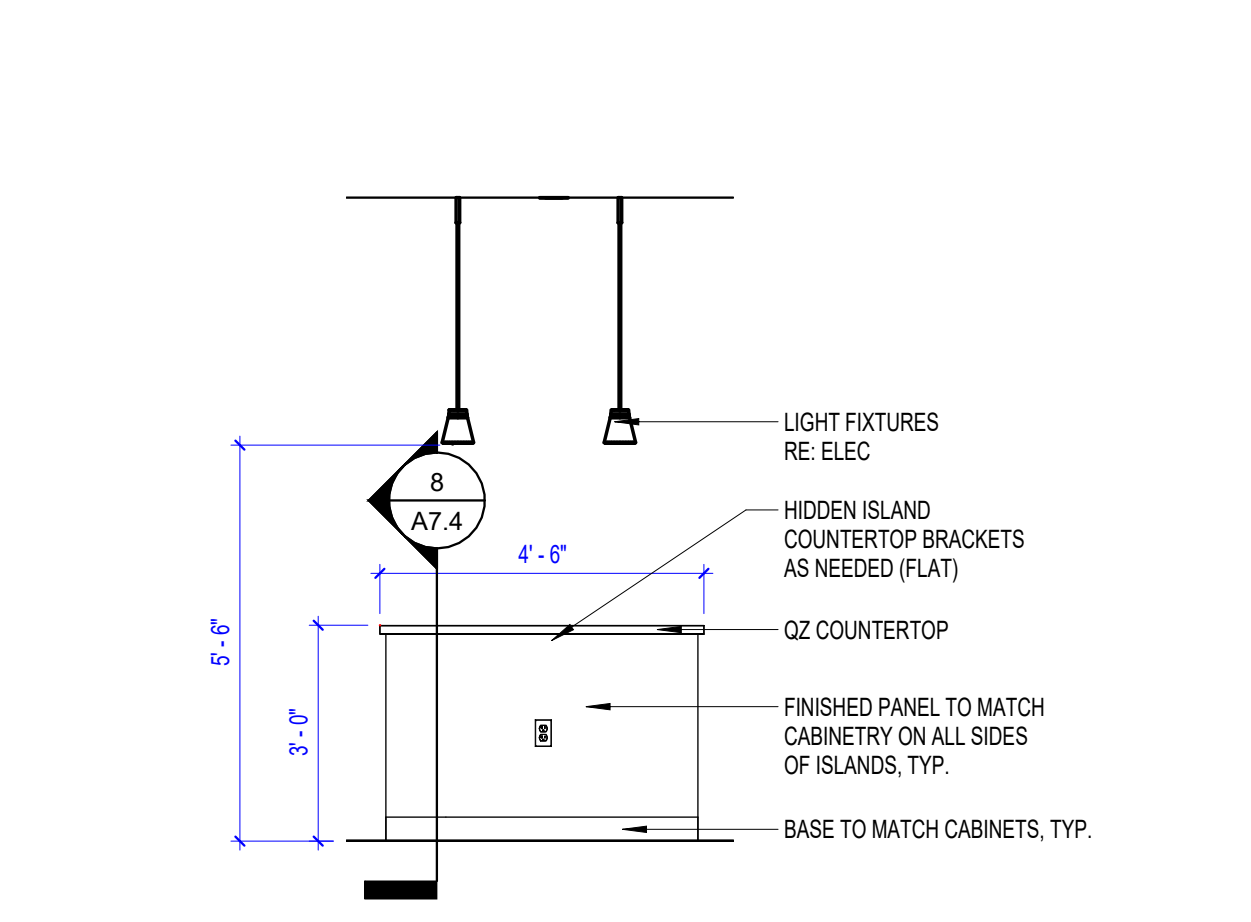
19 UNIT D1-D2-D3 KIT. ISLAND
3/8" = 1'-0"



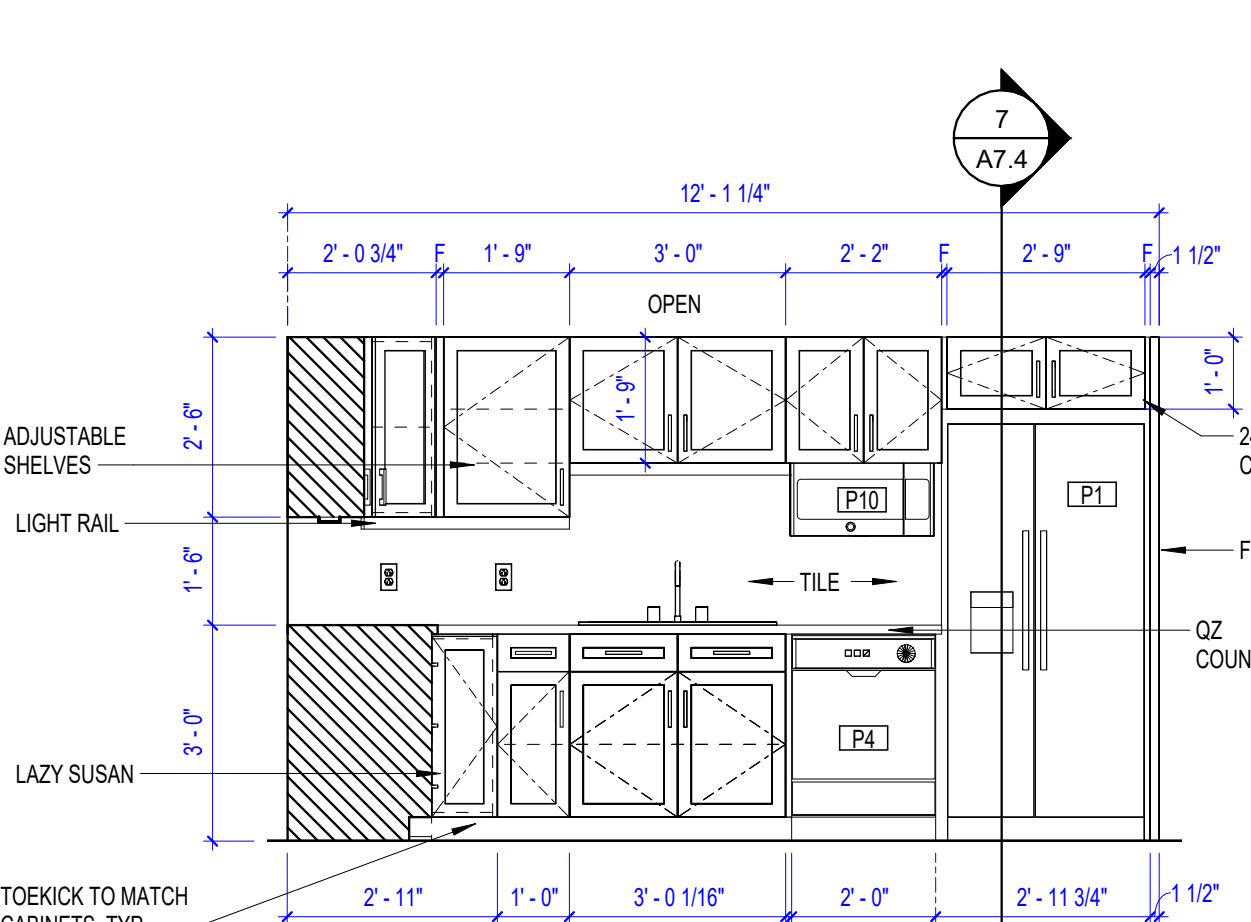
15 UNIT D1-D2-D3 PR. VANITY
3/8" = 1'-0"



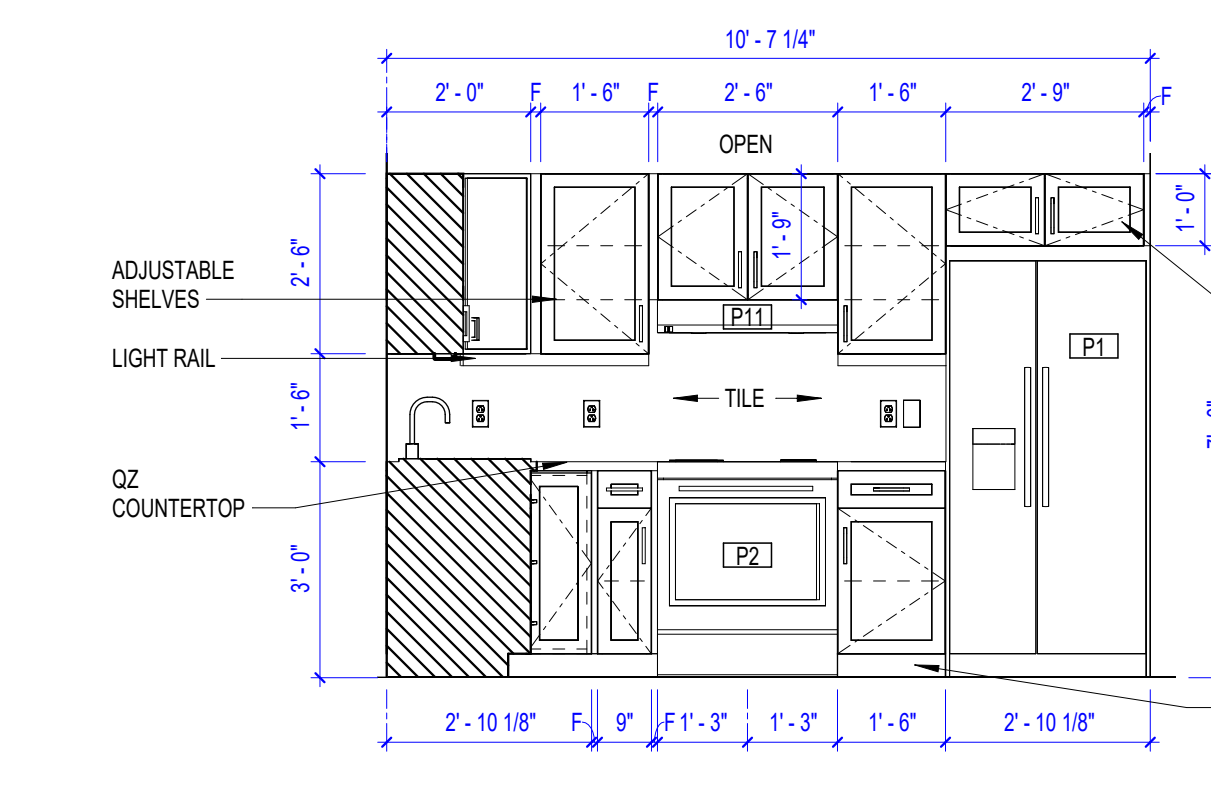
11 UNIT C KITCHEN SINK
3/8" = 1'-0"



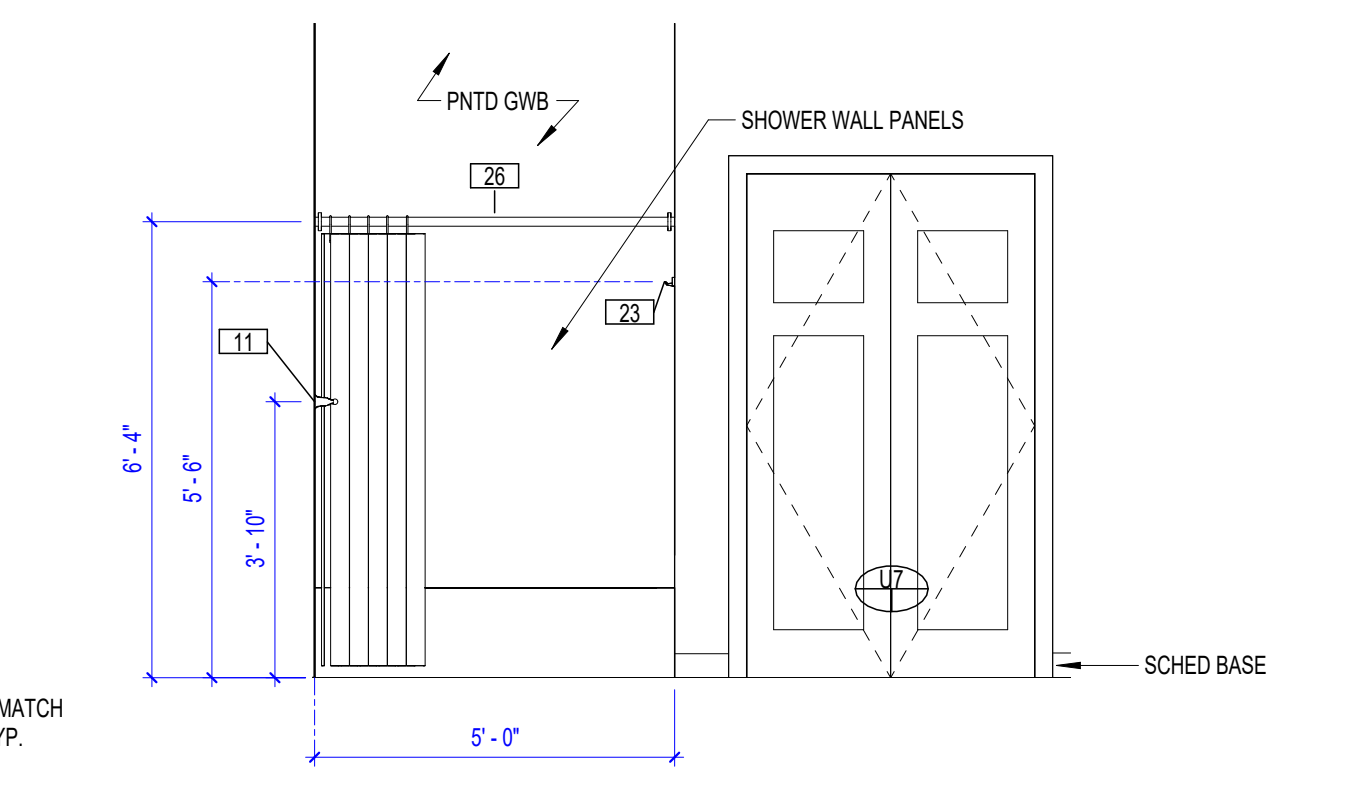
7 UNIT B-C KITCHEN ISLAND 3
3/8" = 1'-0"



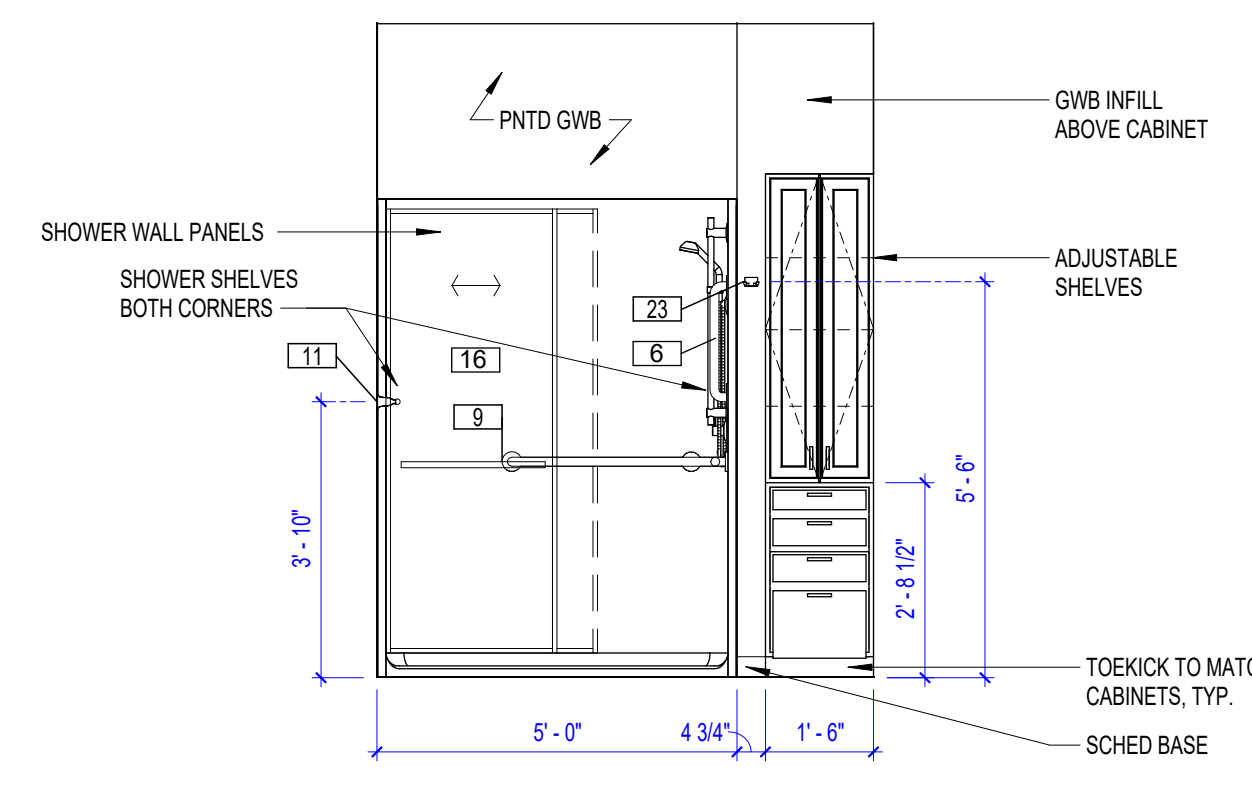
3 UNIT B KITCHEN SINK
3/8" = 1'-0"



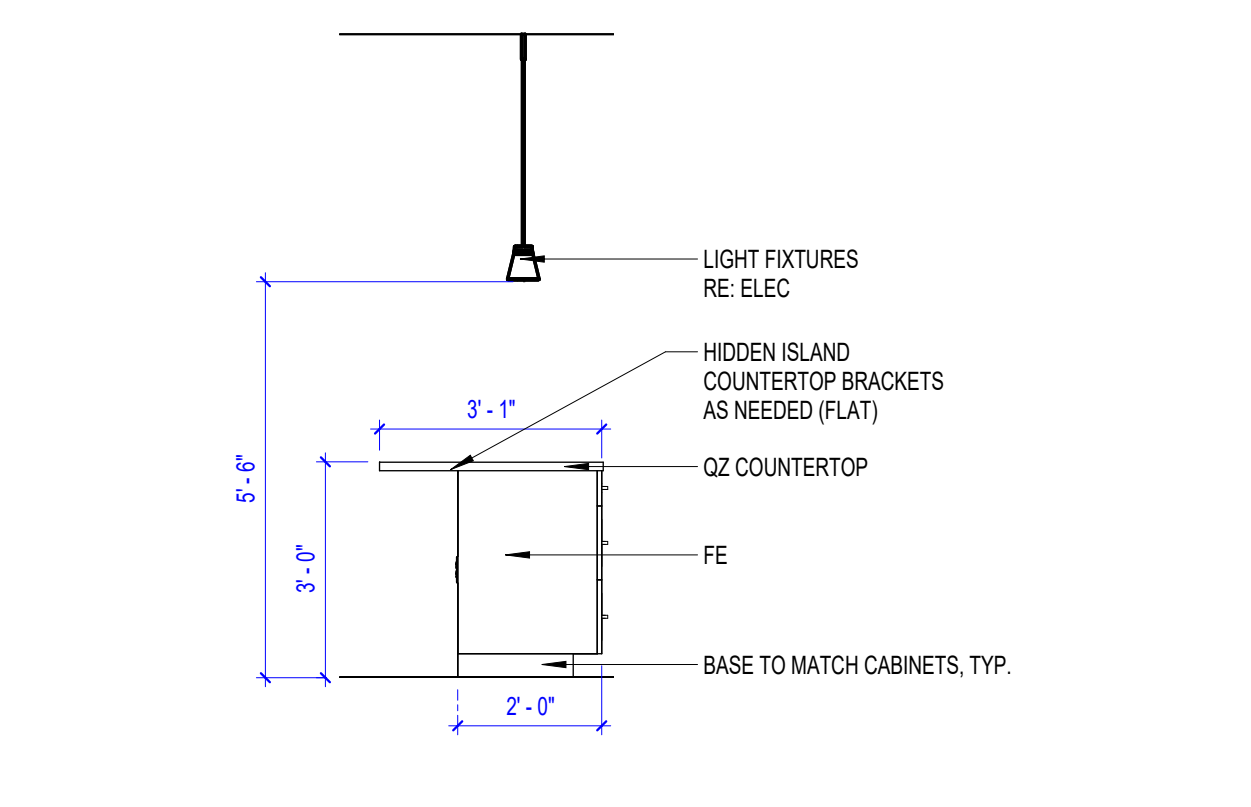
18 UNIT D1-D2-D3 KIT. STOVE
3/8" = 1'-0"



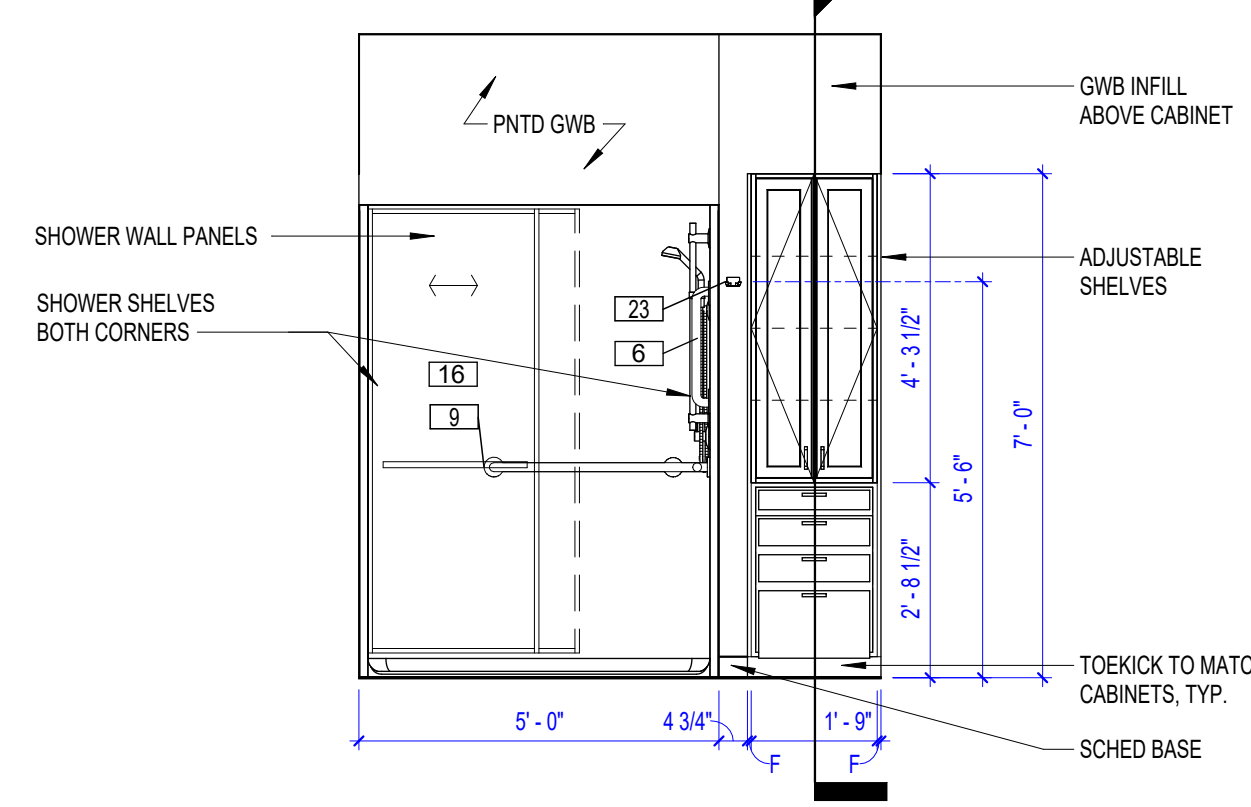
14 UNIT D1-D2-D3 BATHTUB
3/8" = 1'-0"



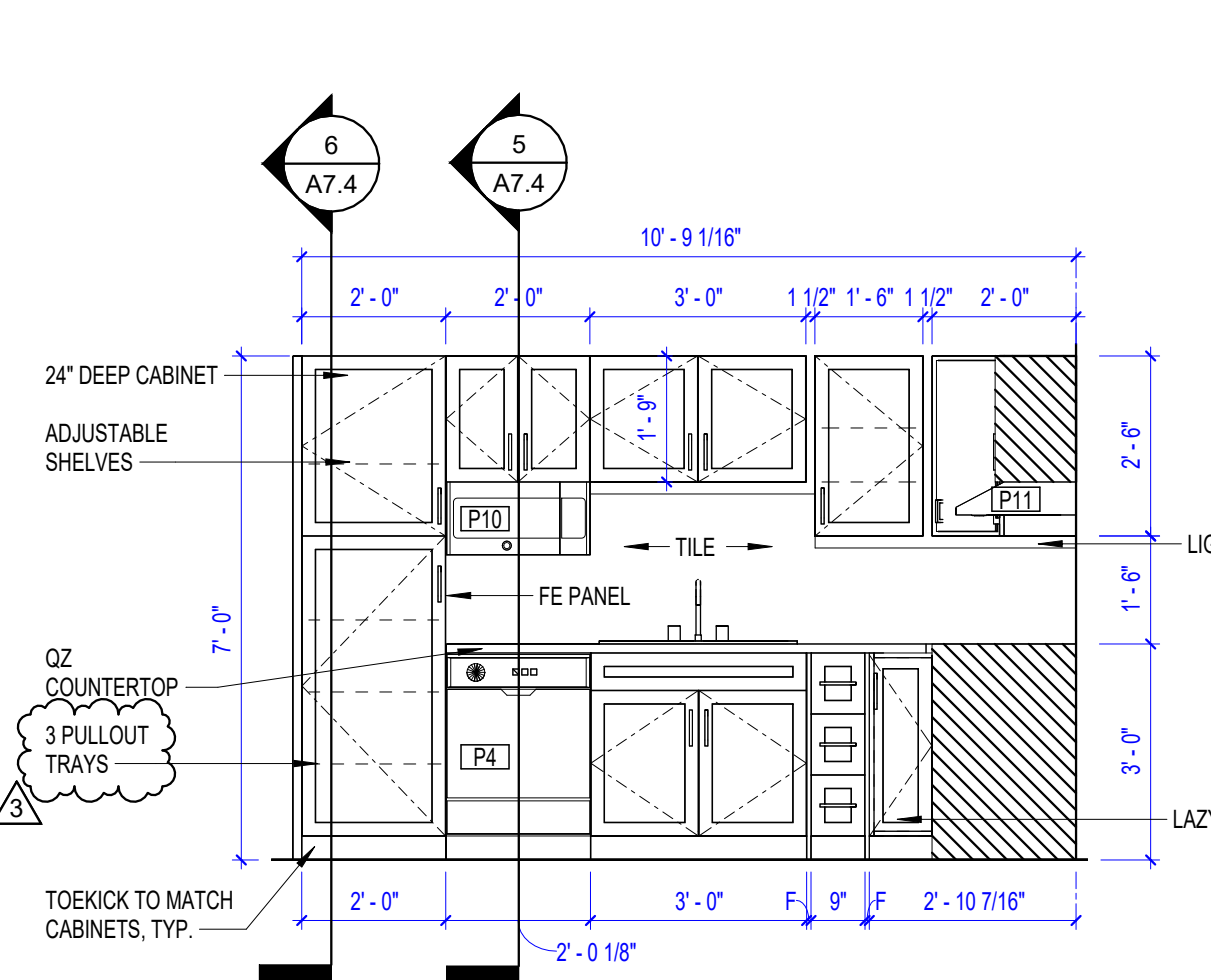
10 UNIT C SHOWER
3/8" = 1'-0"



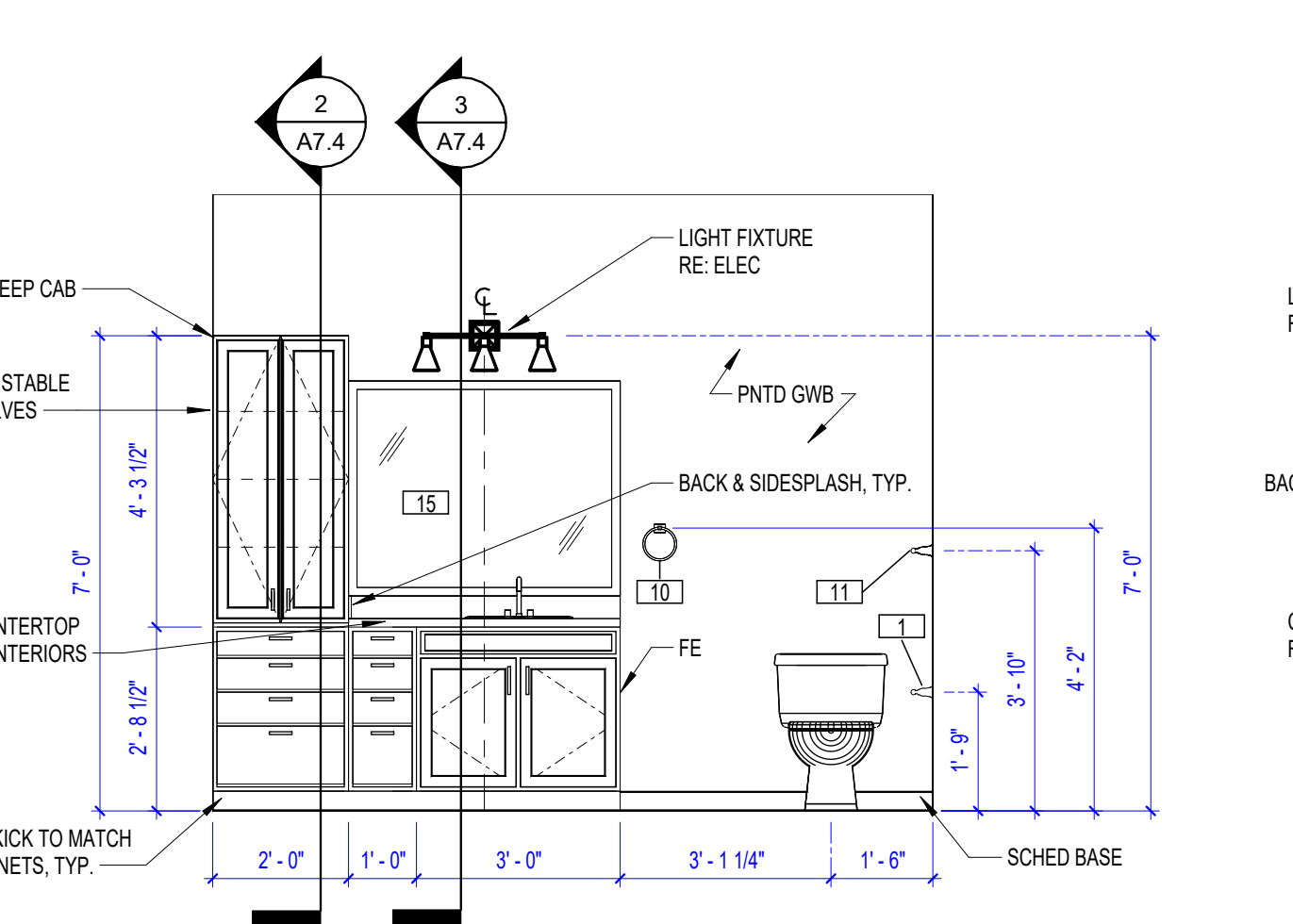
6 UNIT B-C KITCHEN ISLAND 2
3/8" = 1'-0"



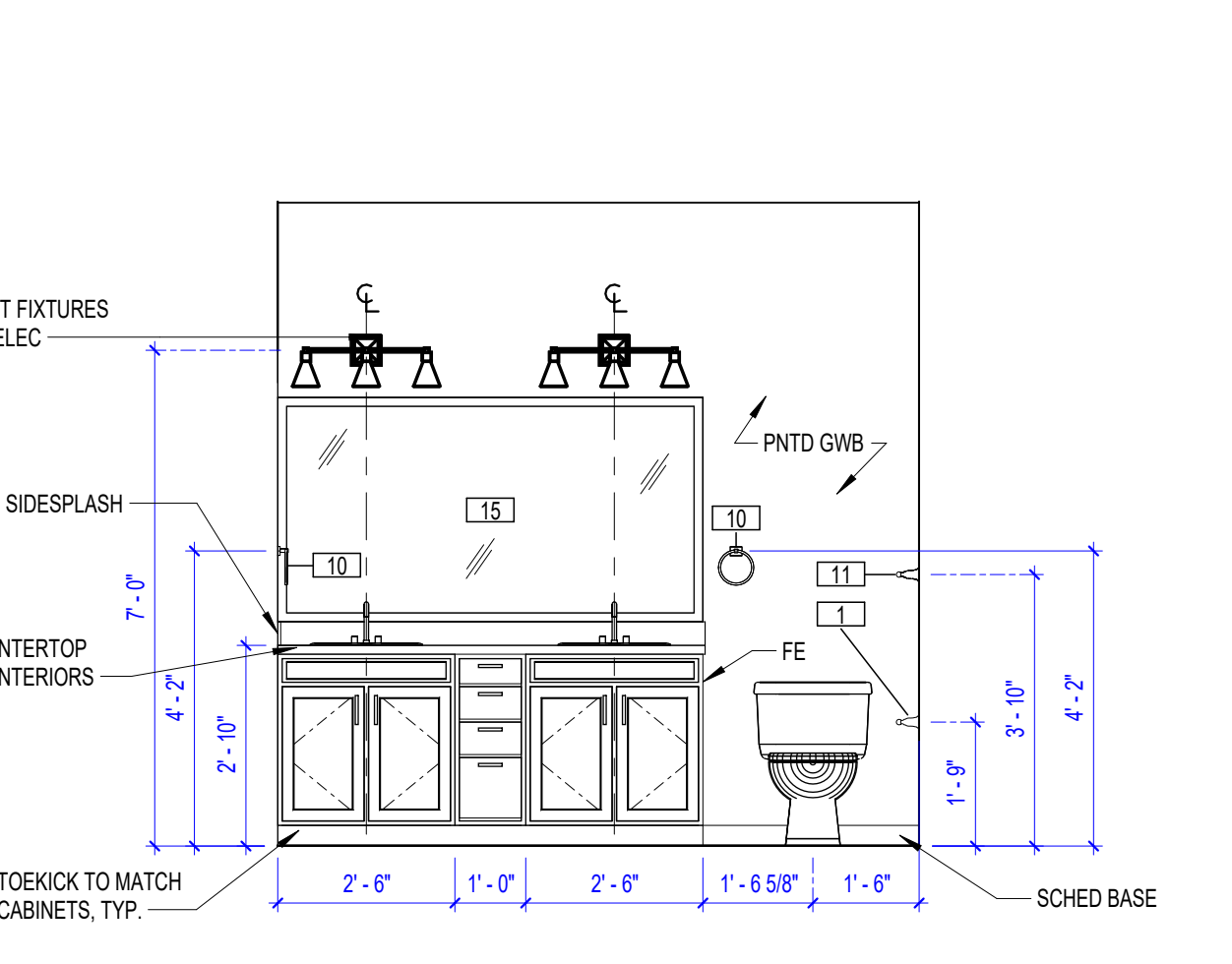
2 UNIT B SHOWER
3/8" = 1'-0"



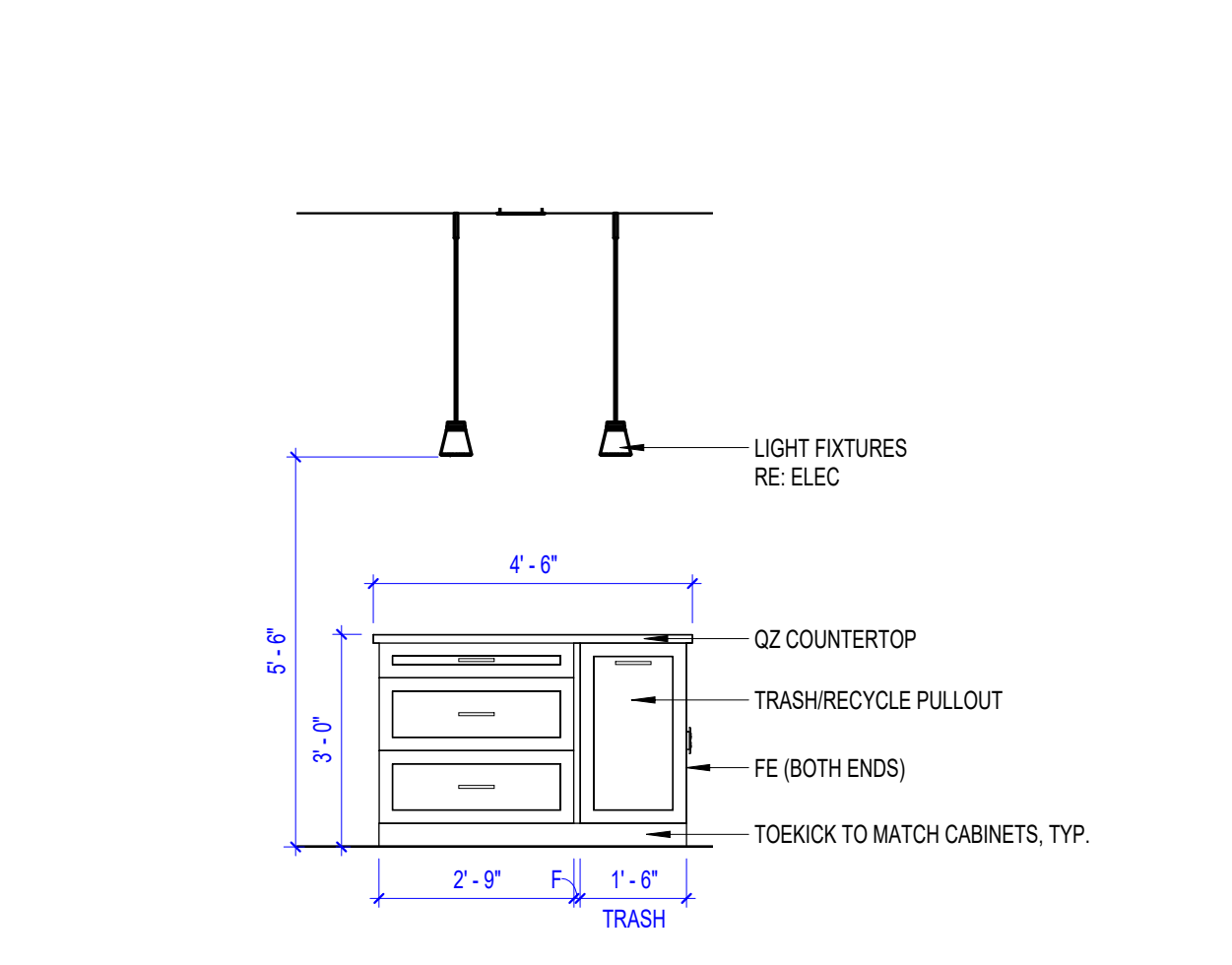
17 UNIT D1-D2-D3 KIT. SINK
3/8" = 1'-0"



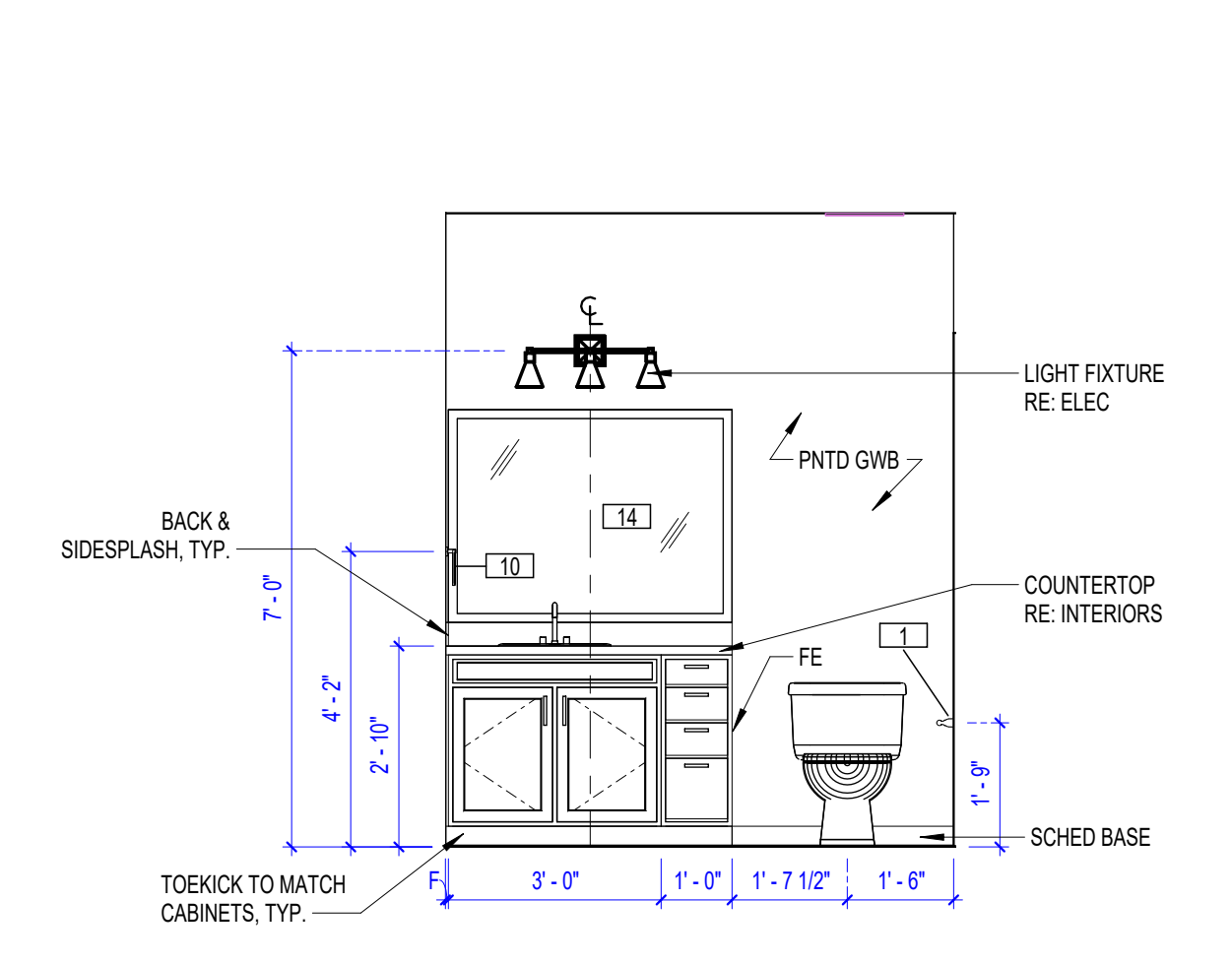
13 UNIT D1-D2-D3 BATH VAN.
3/8" = 1'-0"



9 UNIT C BATH VANITY
3/8" = 1'-0"

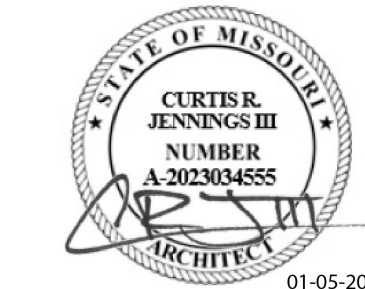


5 UNIT B-C KITCHEN ISLAND 1
3/8" = 1'-0"



1 UNIT B BATH VANITY
3/8" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



COURTYARDS - BUILDING E

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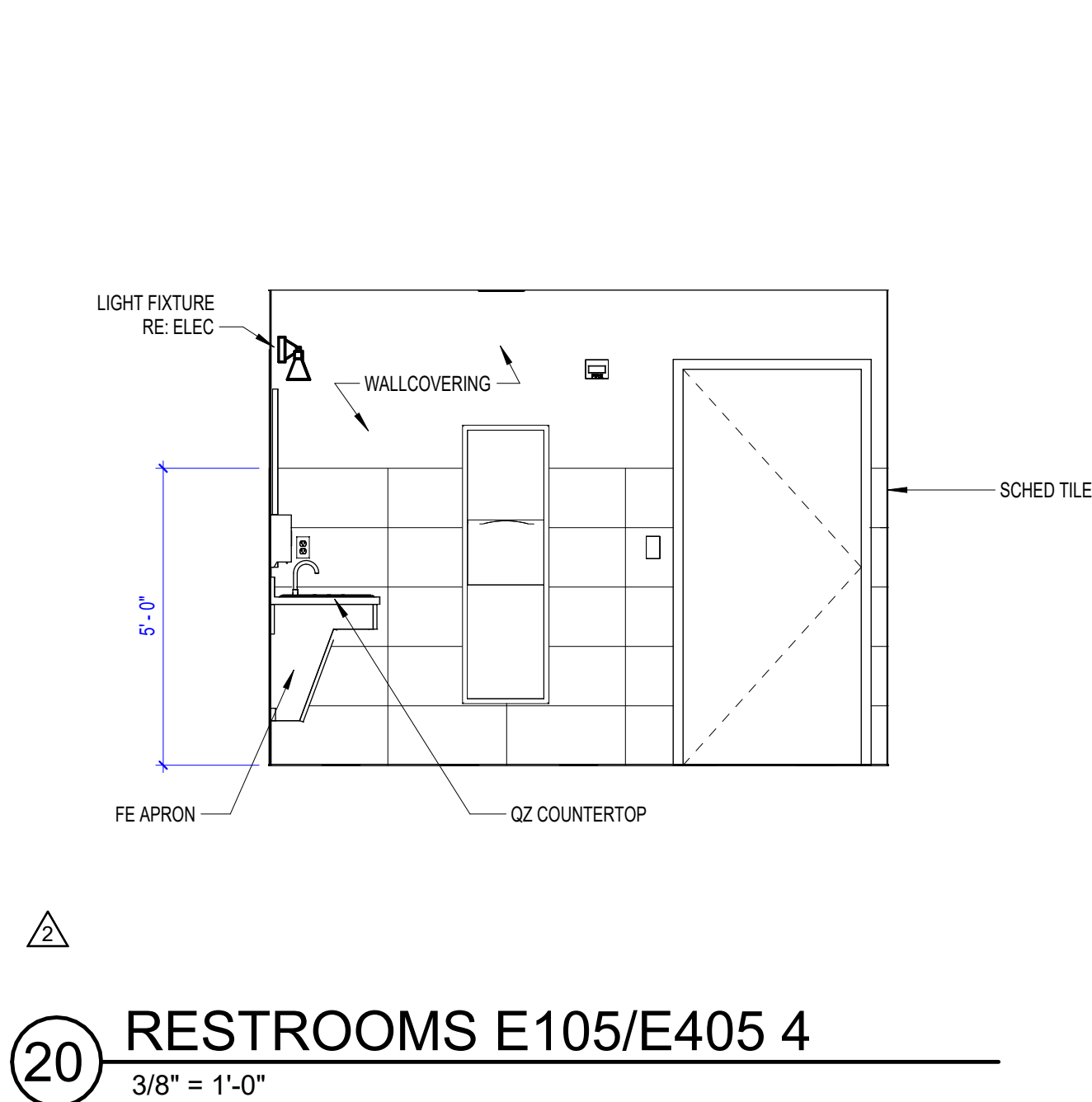
DESIGNER : DAS	DRAWN : DAS/CLHCRW
ARCHITECT : DAS	CHECKED : AAT
ENGINEER :	APPROVED : CRJ
NO. 3	REVISION DESCRIPTION 03/07/24

DRAWING TITLE
INTERIOR ELEVATIONS

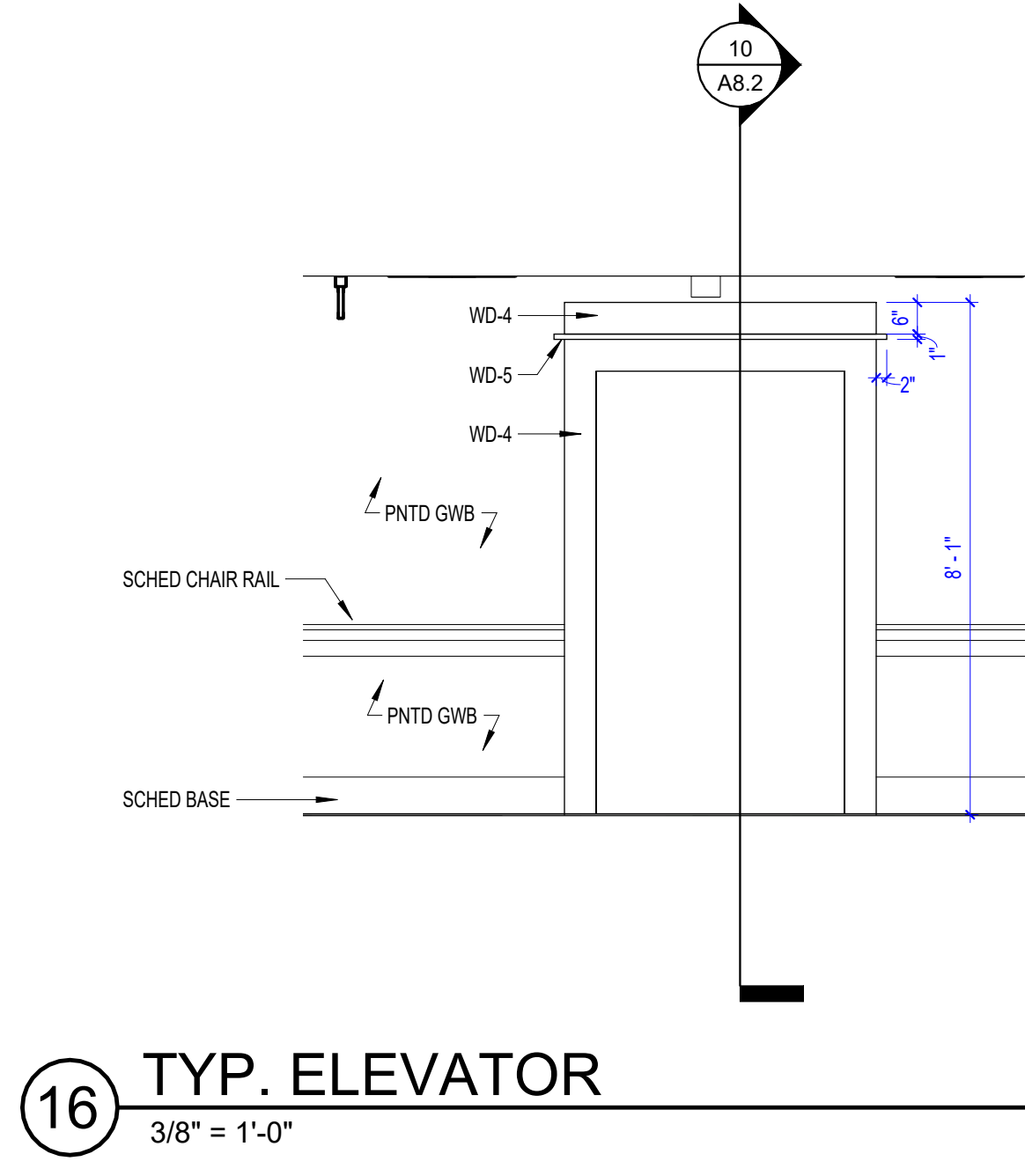
DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A7.1

GENERAL NOTES

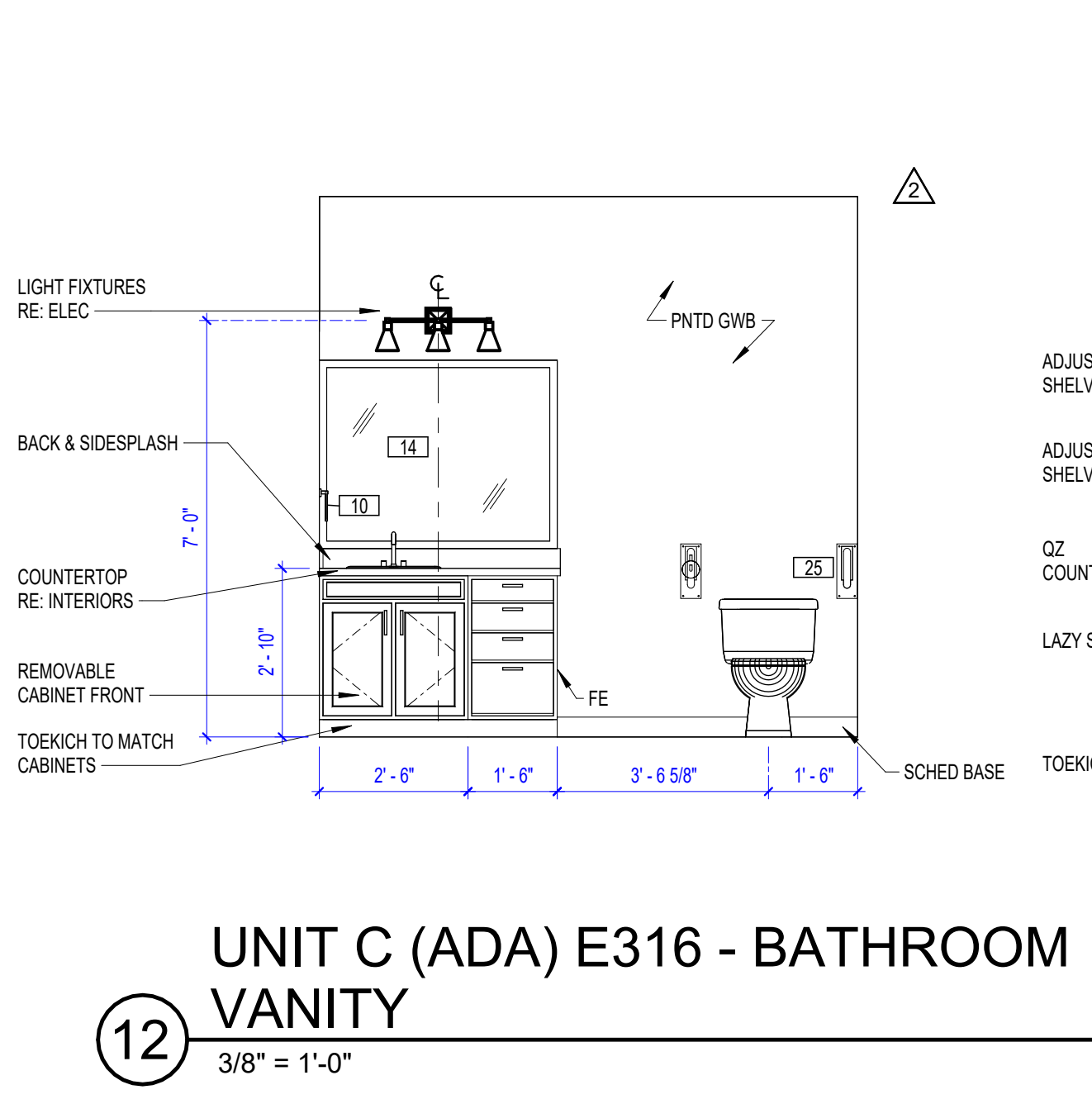
1. PROVIDE BLOCKING FOR FUTURE INSTALLATION OF GRAB BARS IN ALL ANSI TYPE B UNITS PER ANSI REQUIREMENTS. (ALL UNITS ARE TYPE B UNITS BESIDES 2029, WHICH IS A TYPE A UNIT).
2. PROVIDE BLOCKING AND GRAB BARS FOR 18" VERTICAL GRAB BAR AND WRAP AROUND GRAB BAR AT ALL MASTER BATHROOM SHOWERS.
3. PROVIDE GRAB BARS AT TIME OF CONSTRUCTION IN ANSI TYPE A (HC) UNIT PER ANSI REQUIREMENTS.



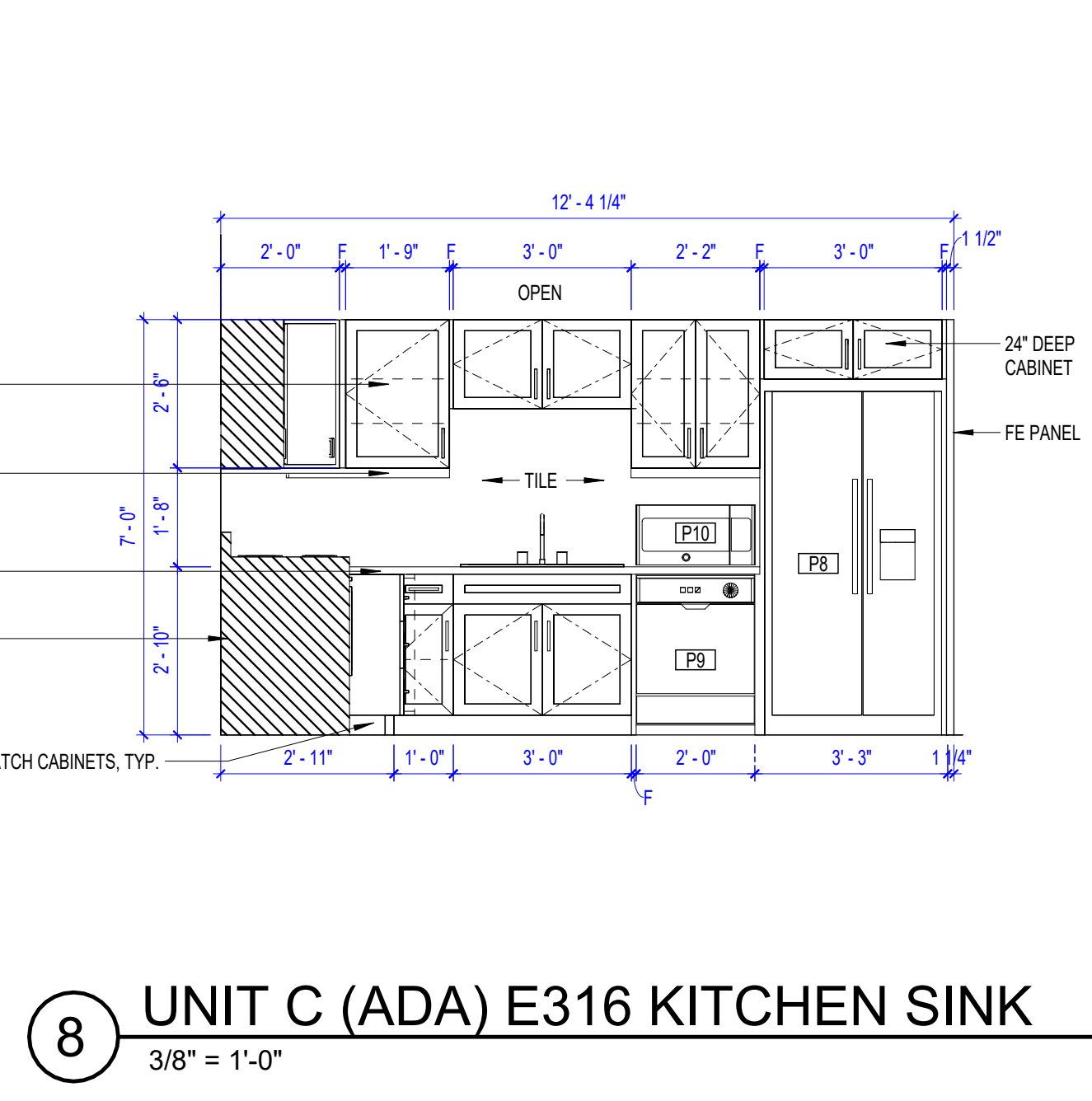
20 RESTROOMS E105/E405 4
3/8" = 1'-0"



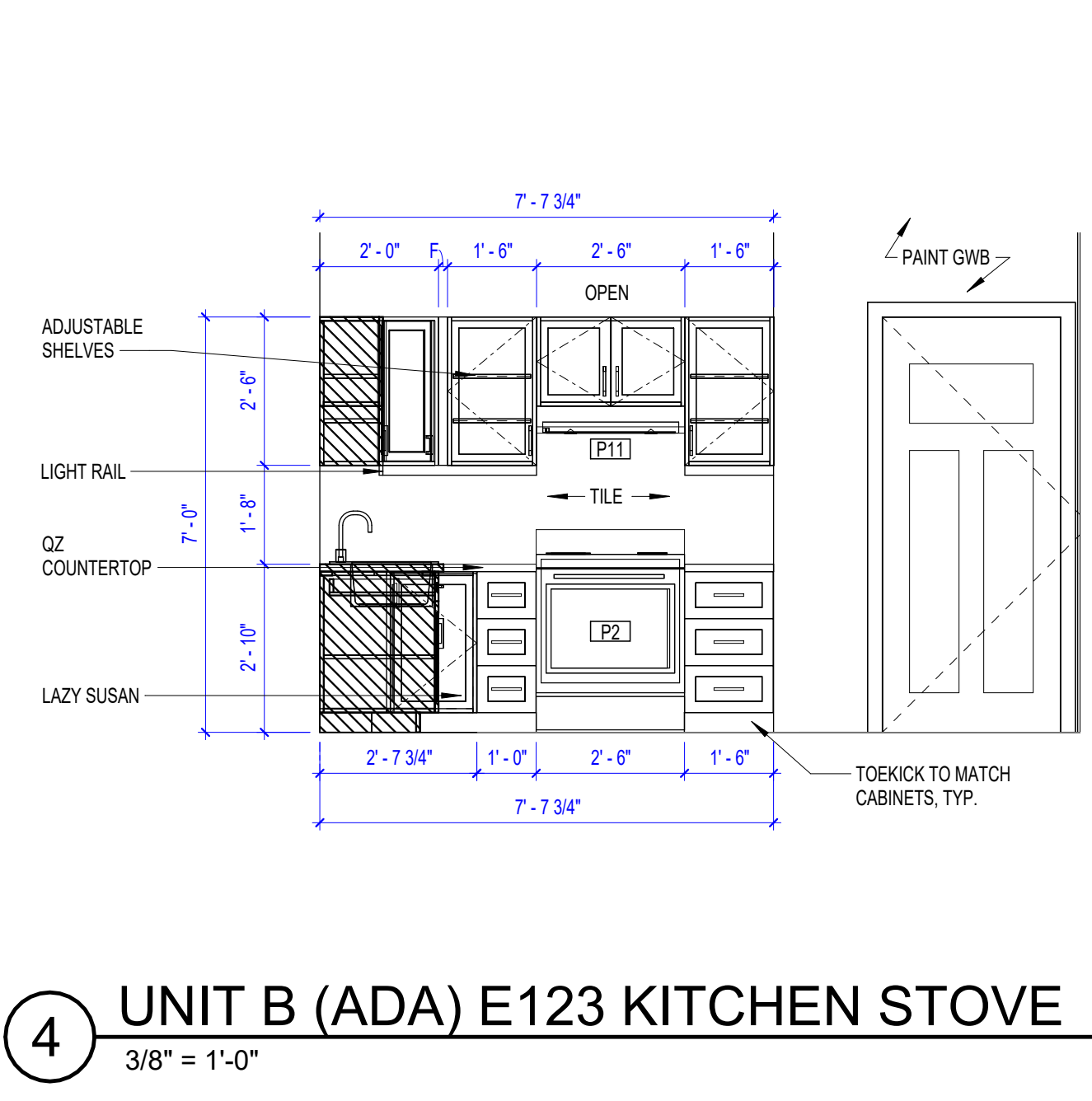
16 TYP. ELEVATOR
3/8" = 1'-0"



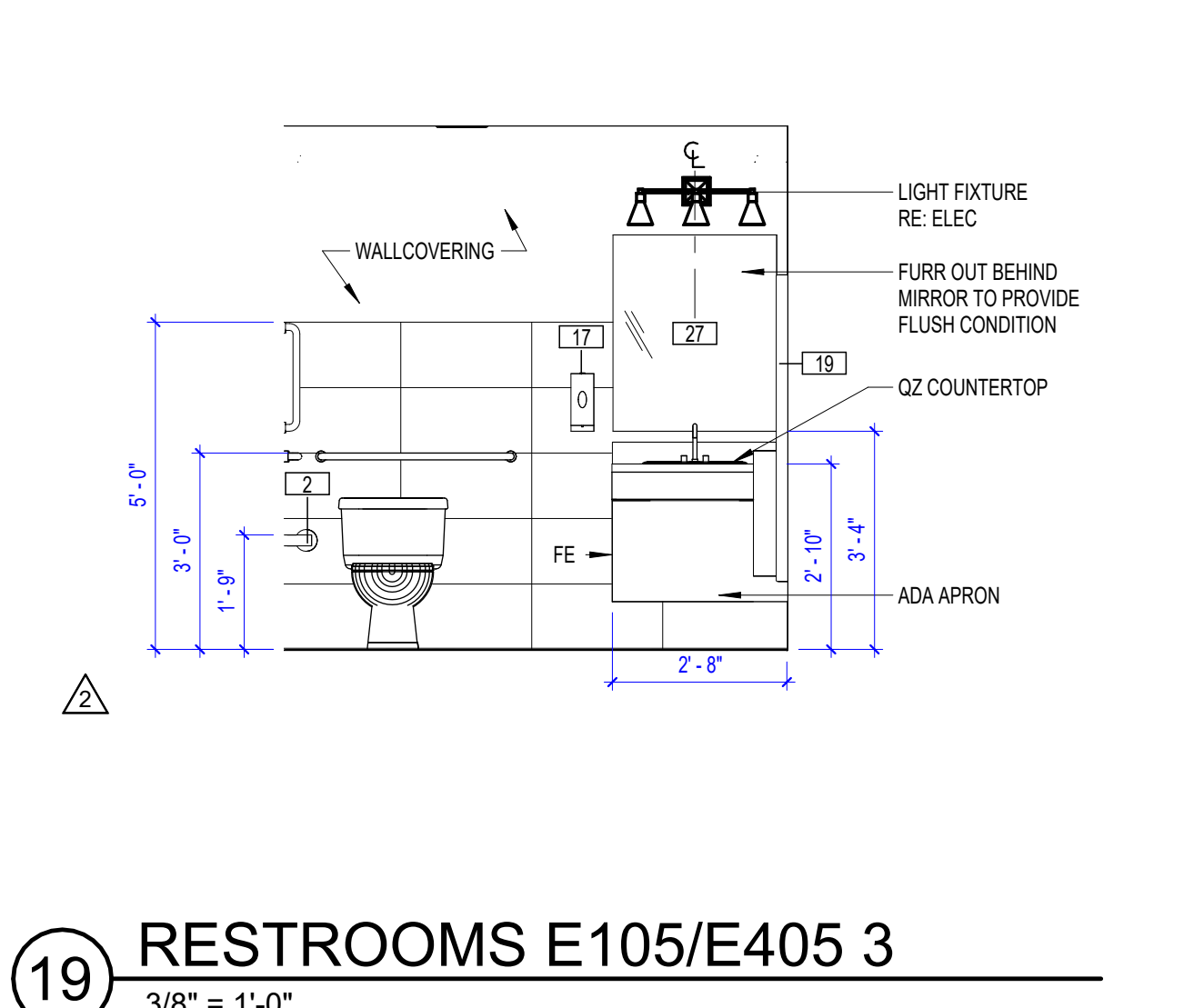
12 UNIT C (ADA) E316 - BATHROOM VANITY
3/8" = 1'-0"



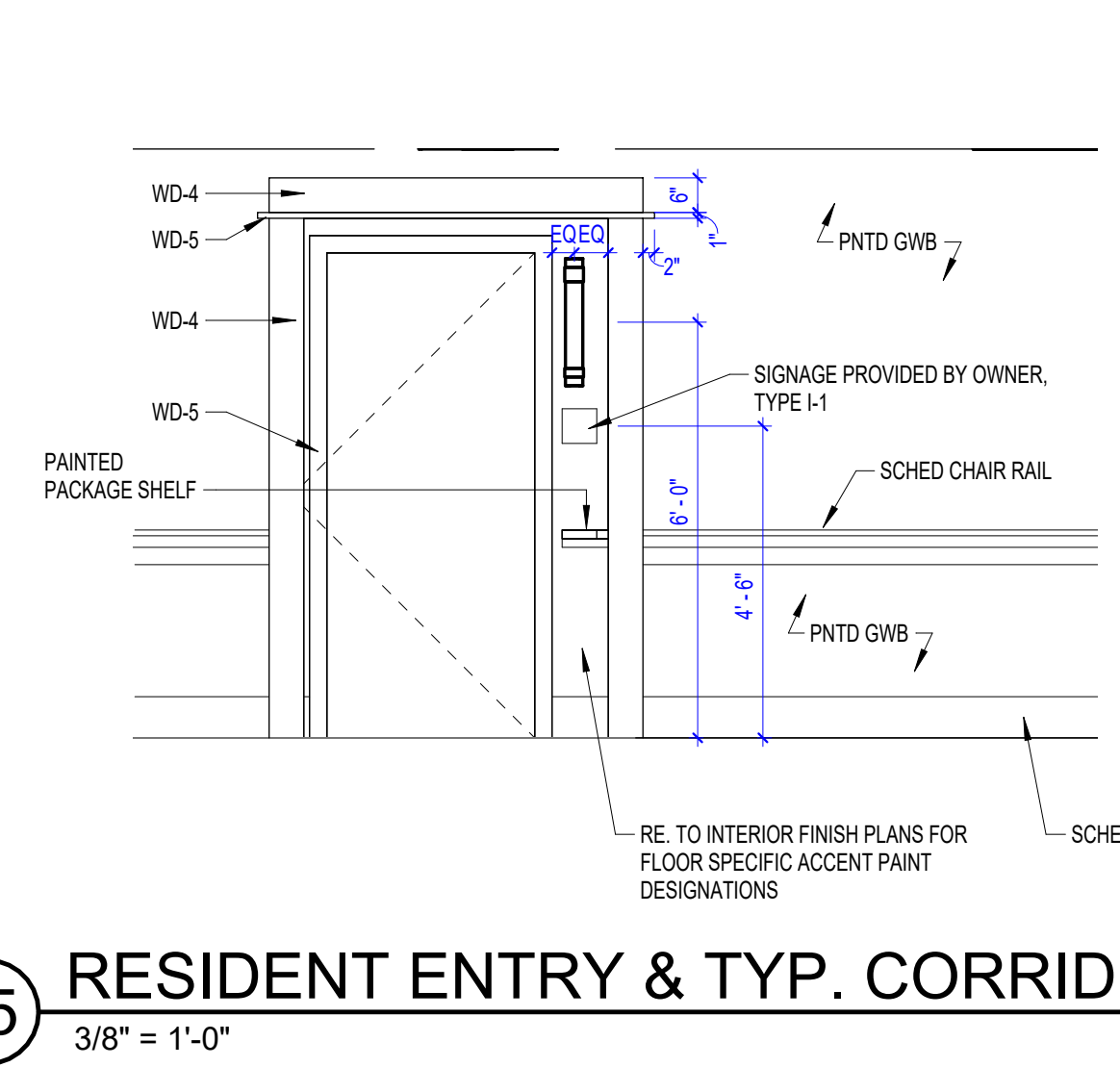
8 UNIT C (ADA) E316 KITCHEN SINK
3/8" = 1'-0"



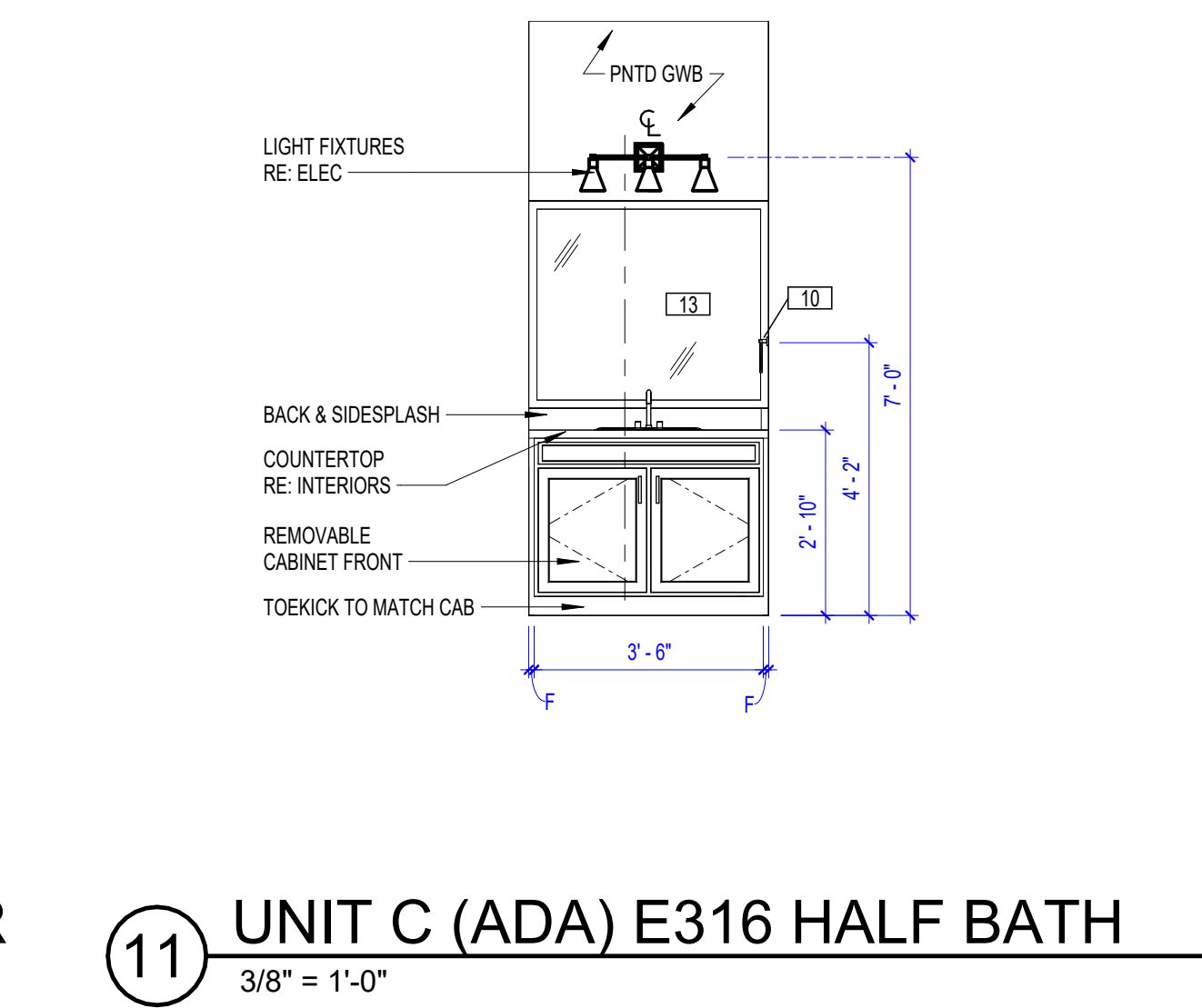
4 UNIT B (ADA) E123 KITCHEN STOVE
3/8" = 1'-0"



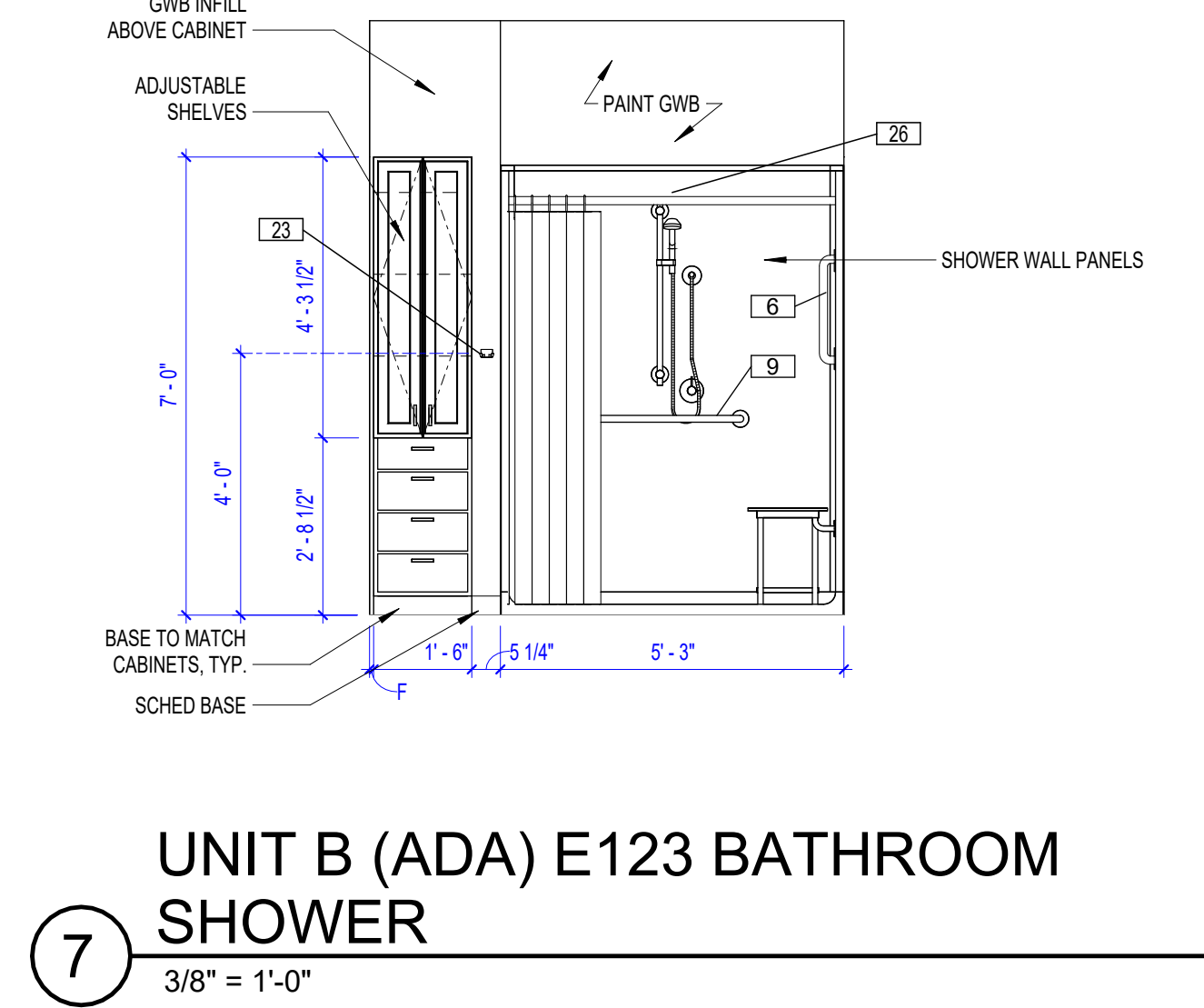
19 RESTROOMS E105/E405 3
3/8" = 1'-0"



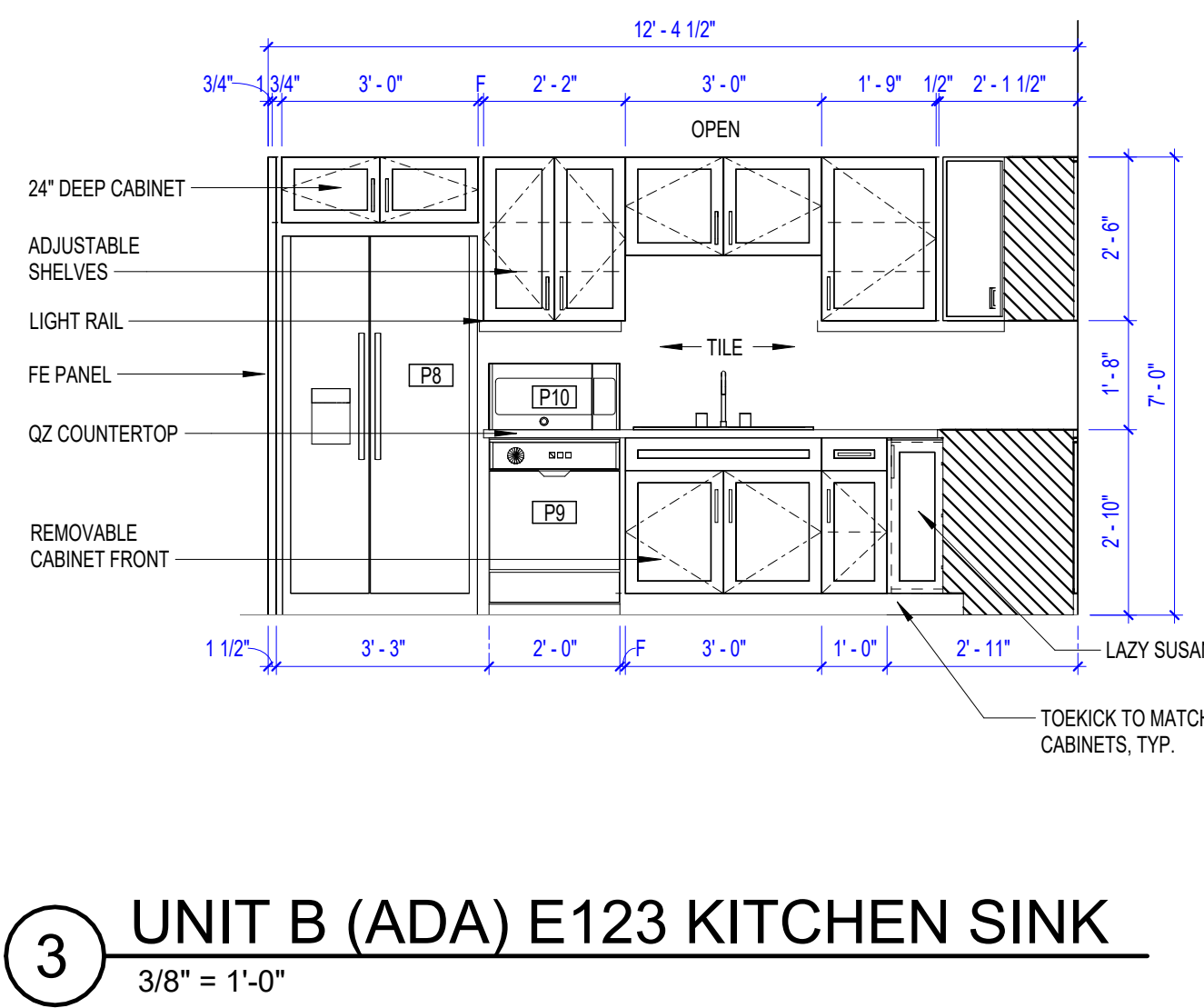
15 RESIDENT ENTRY & TYP. CORRIDOR
3/8" = 1'-0"



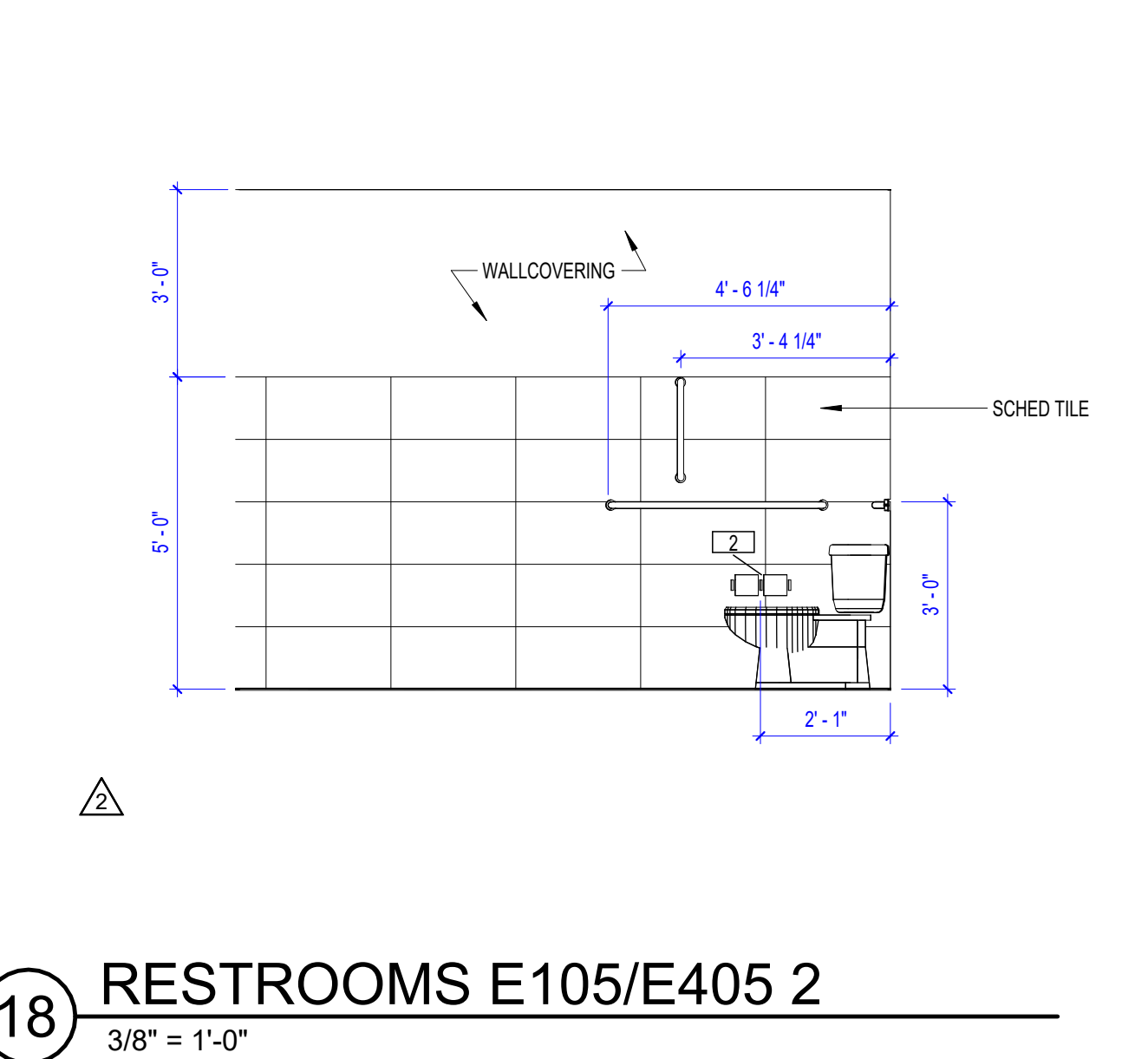
11 UNIT C (ADA) E316 HALF BATH
3/8" = 1'-0"



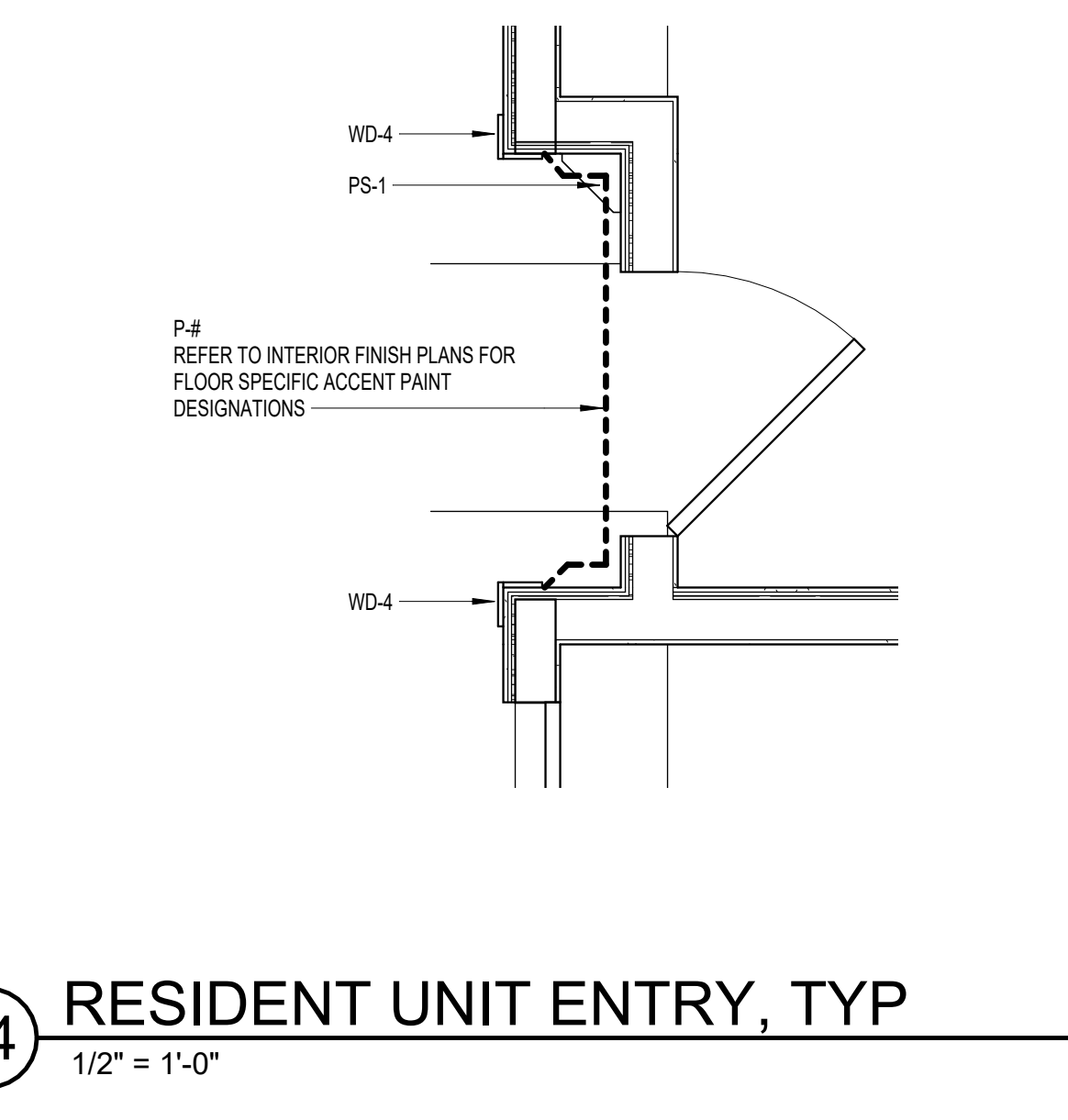
7 UNIT B (ADA) E123 BATHROOM SHOWER
3/8" = 1'-0"



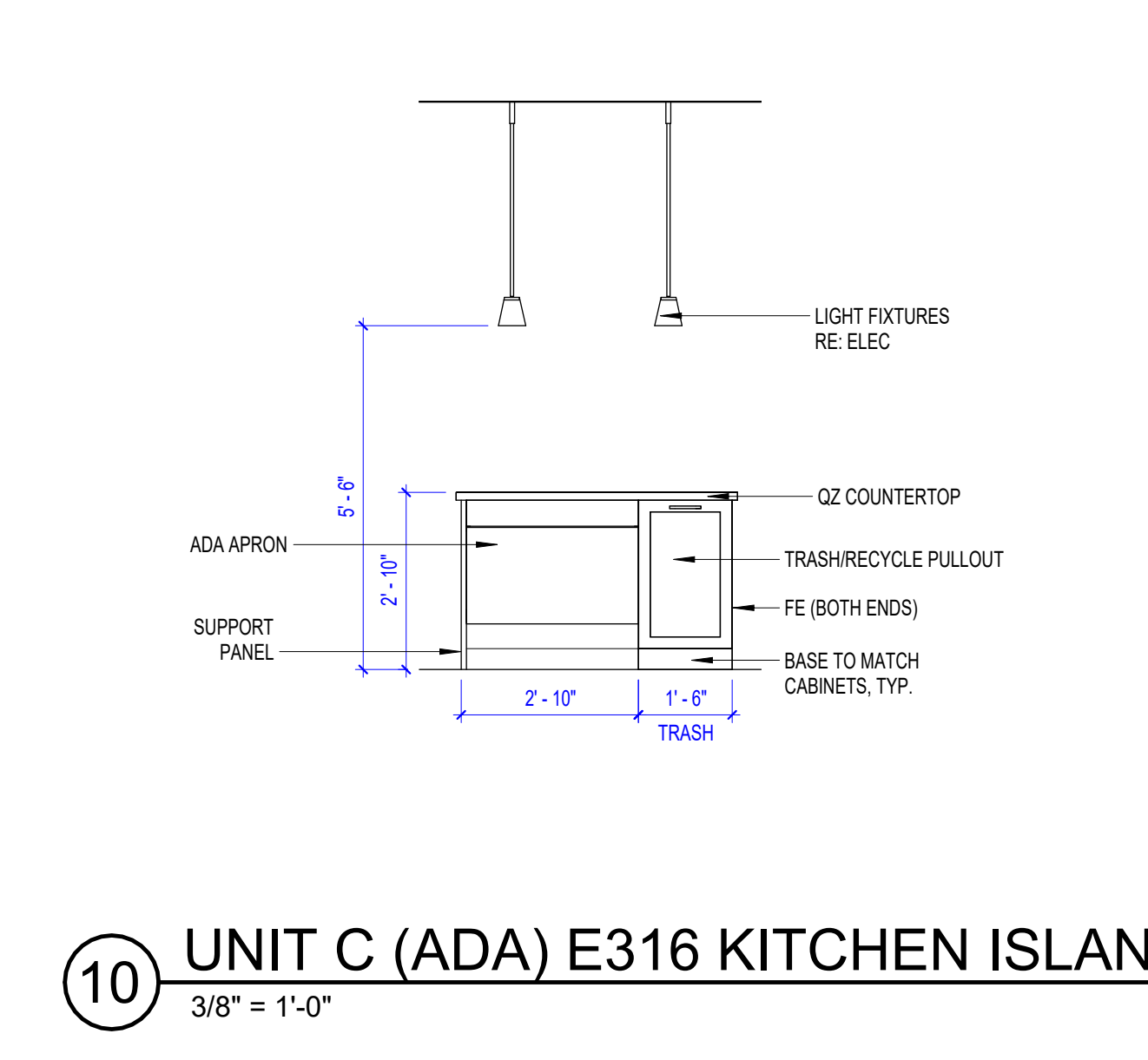
3 UNIT B (ADA) E123 KITCHEN SINK
3/8" = 1'-0"



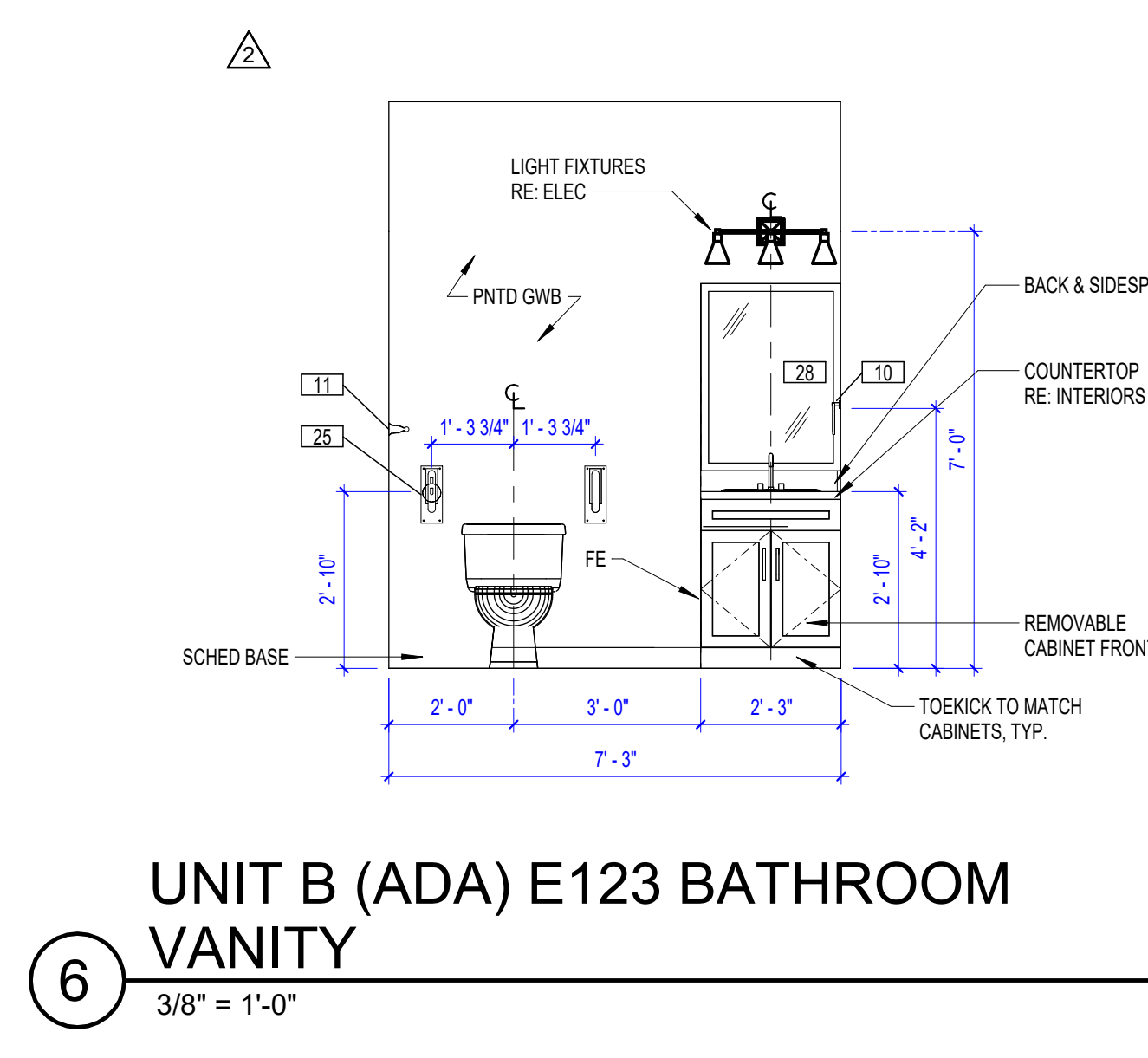
18 RESTROOMS E105/E405 2
3/8" = 1'-0"



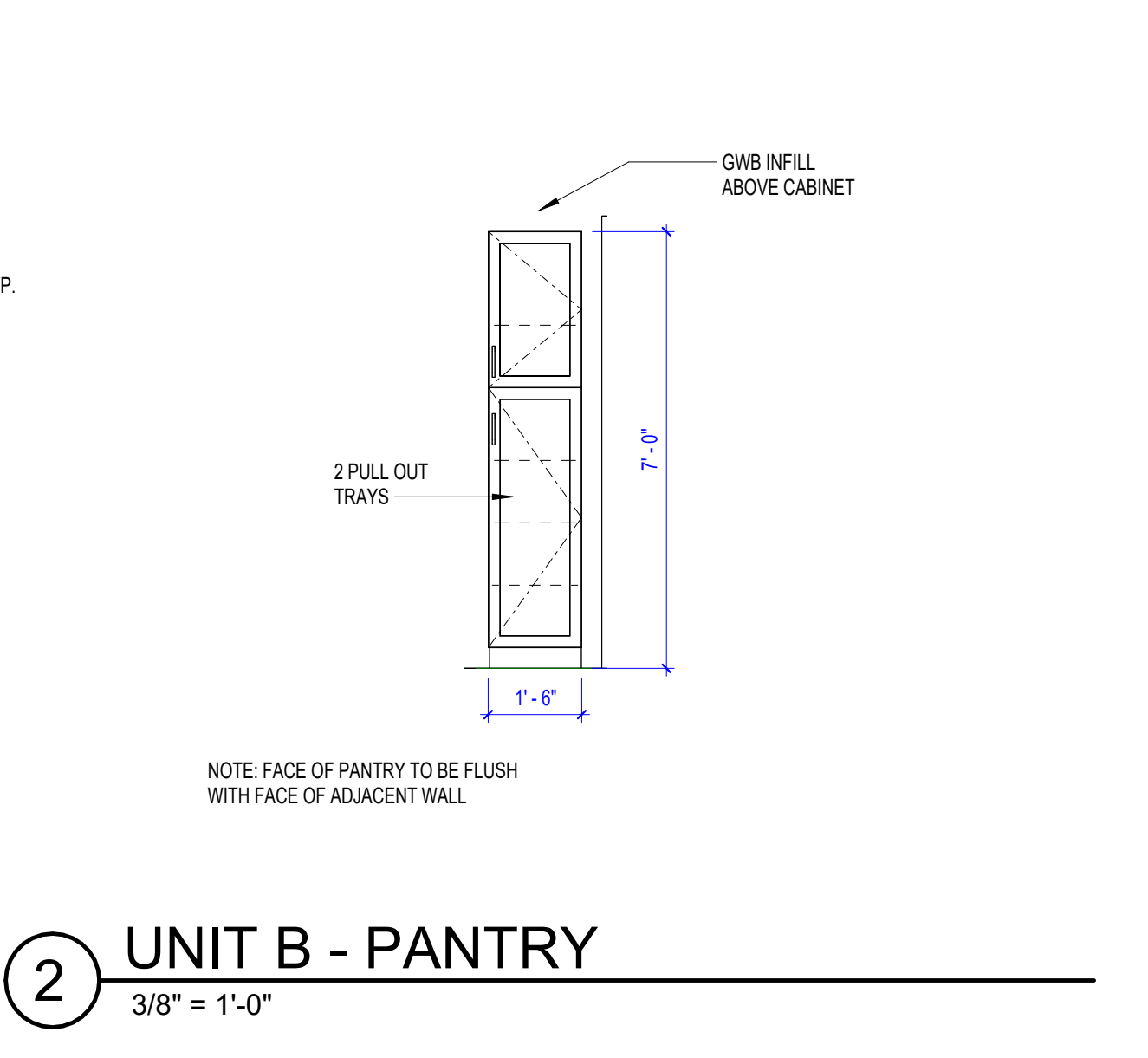
14 RESIDENT UNIT ENTRY, TYP
1/2" = 1'-0"



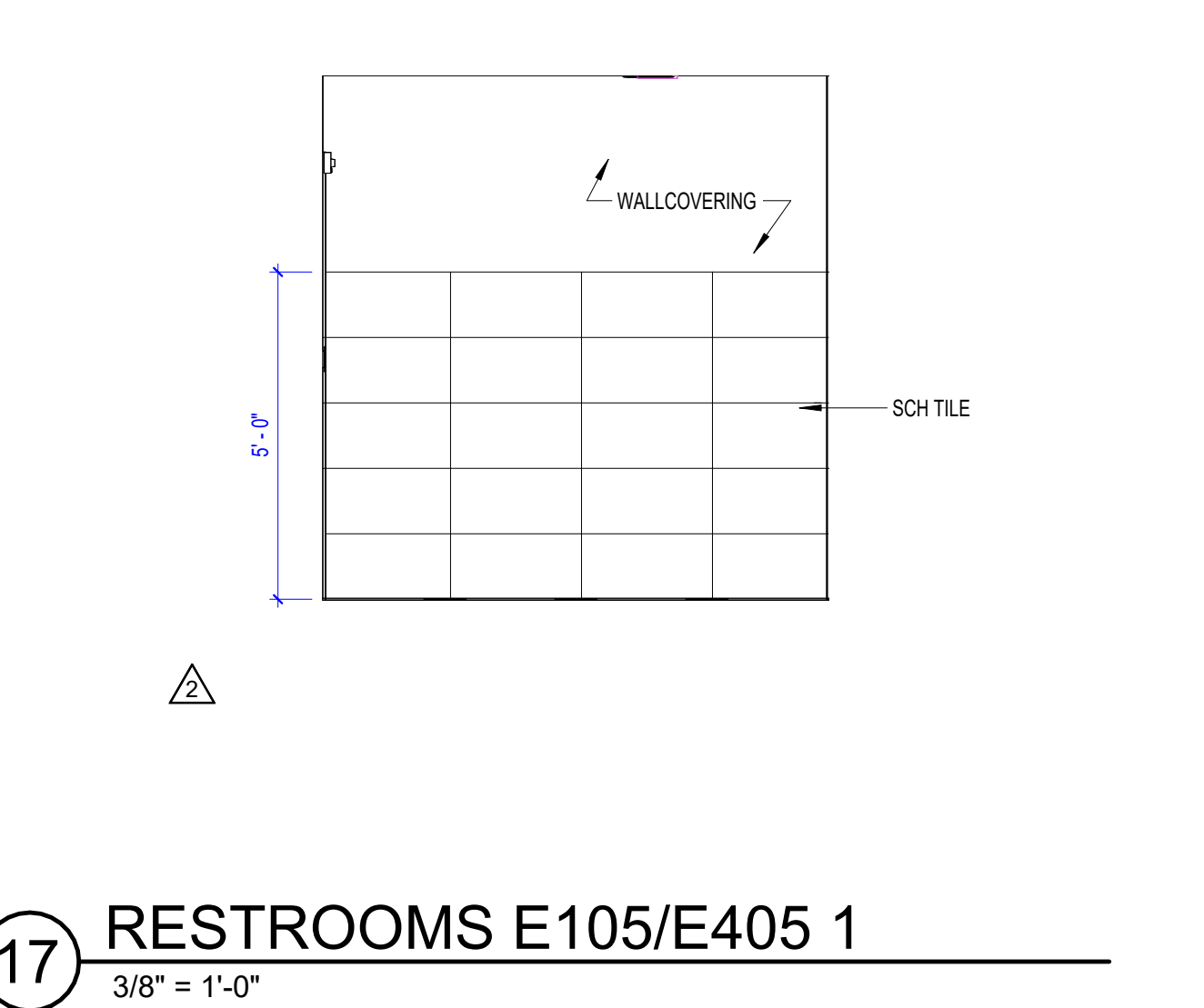
10 UNIT C (ADA) E316 KITCHEN ISLAND
3/8" = 1'-0"



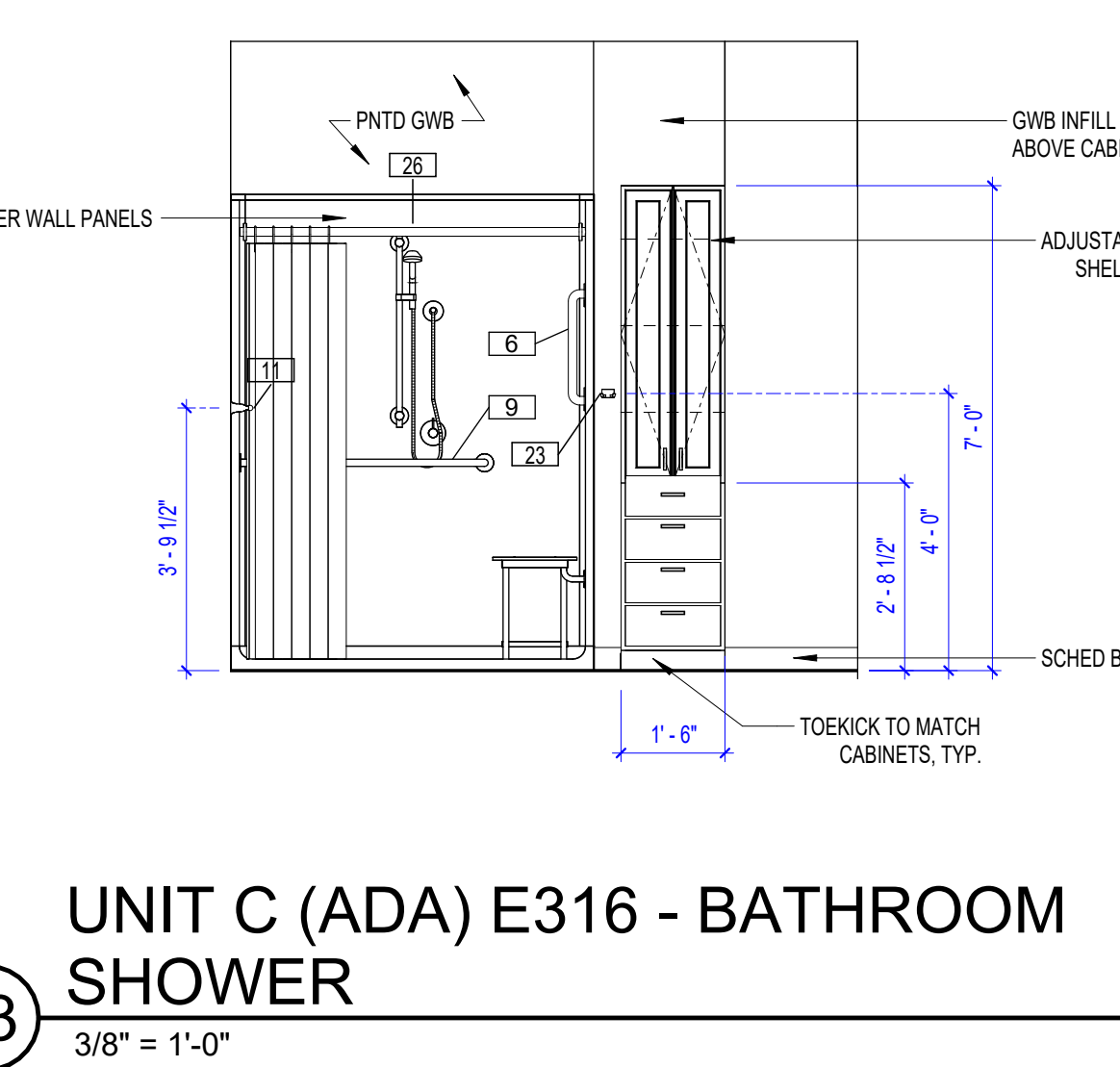
6 UNIT B (ADA) E123 BATHROOM VANITY
3/8" = 1'-0"



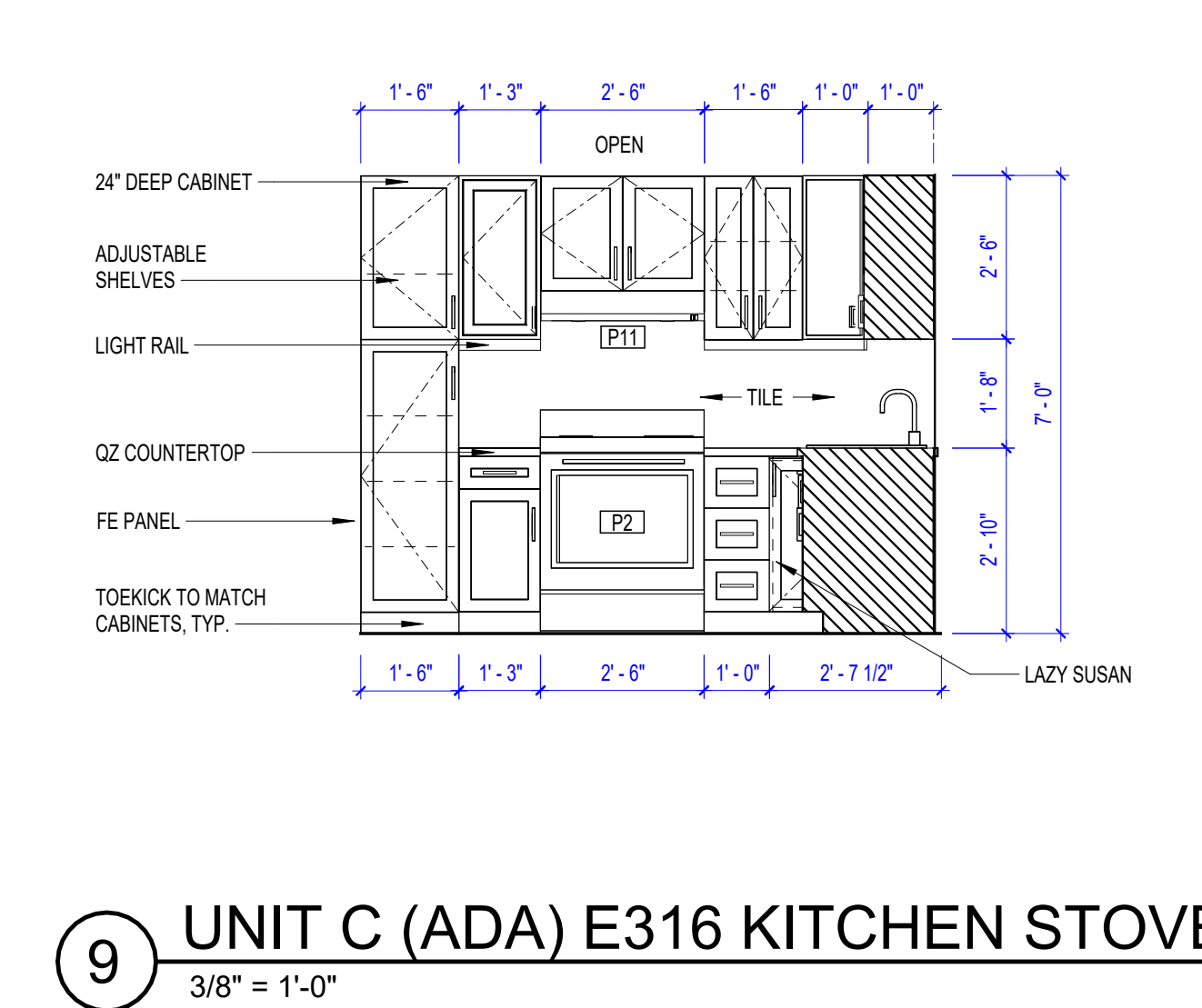
2 UNIT B - PANTRY
3/8" = 1'-0"



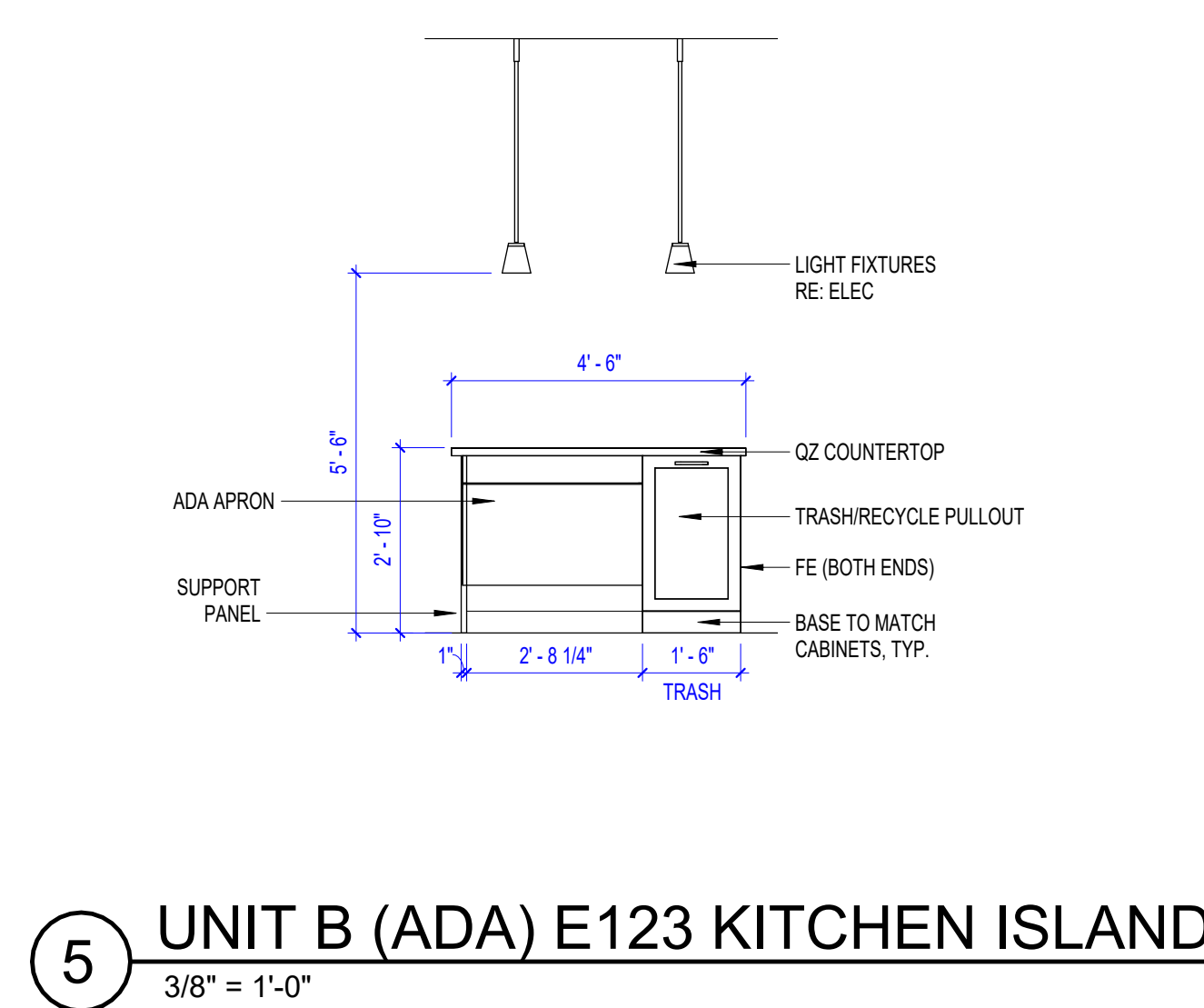
17 RESTROOMS E105/E405 1
3/8" = 1'-0"



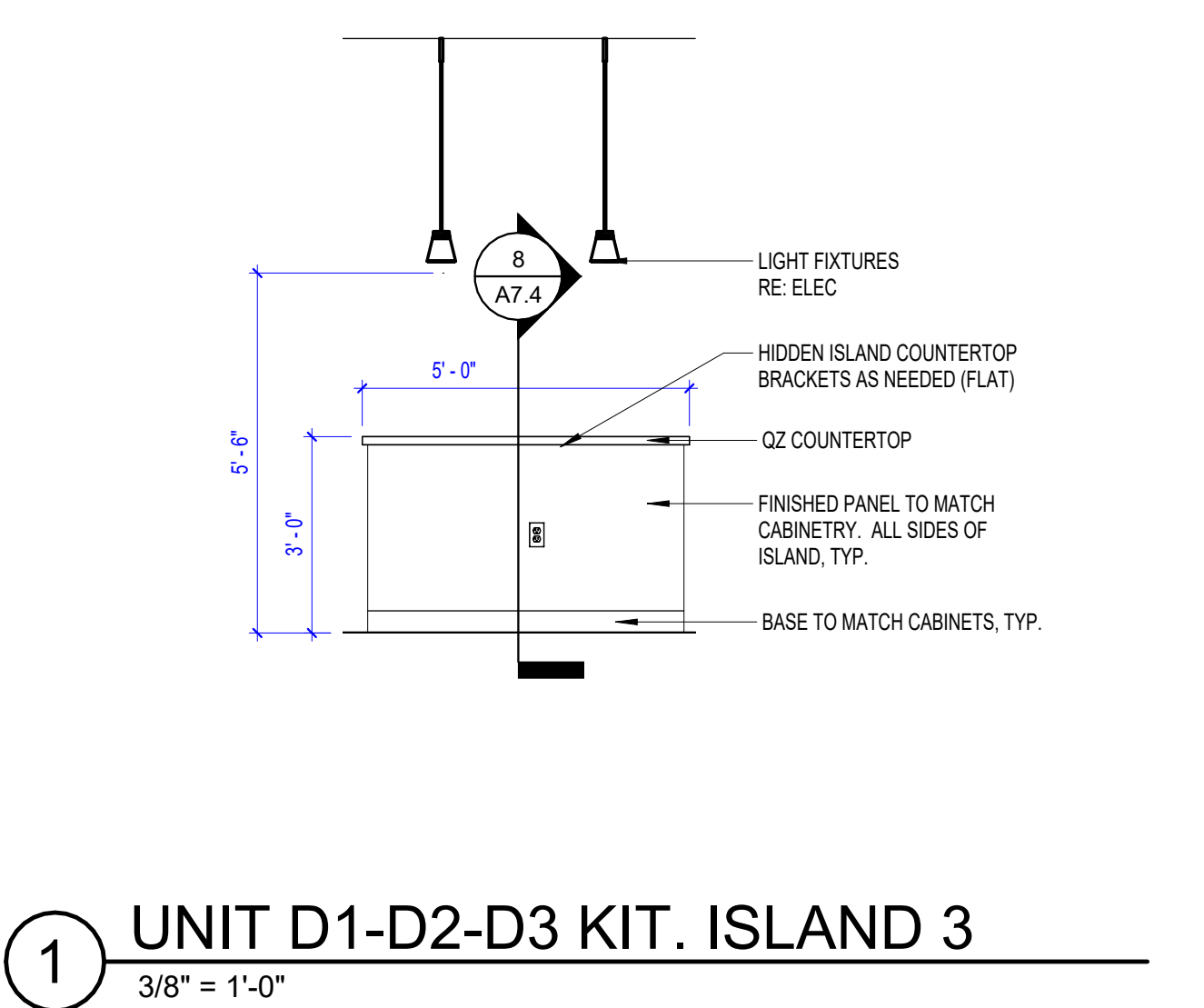
13 UNIT C (ADA) E316 - BATHROOM SHOWER
3/8" = 1'-0"



9 UNIT C (ADA) E316 KITCHEN STOVE
3/8" = 1'-0"



5 UNIT B (ADA) E123 KITCHEN ISLAND
3/8" = 1'-0"



1 UNIT D1-D2-D3 KIT. ISLAND 3
3/8" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



John Knox Village

COURTYARDS - BUILDING E

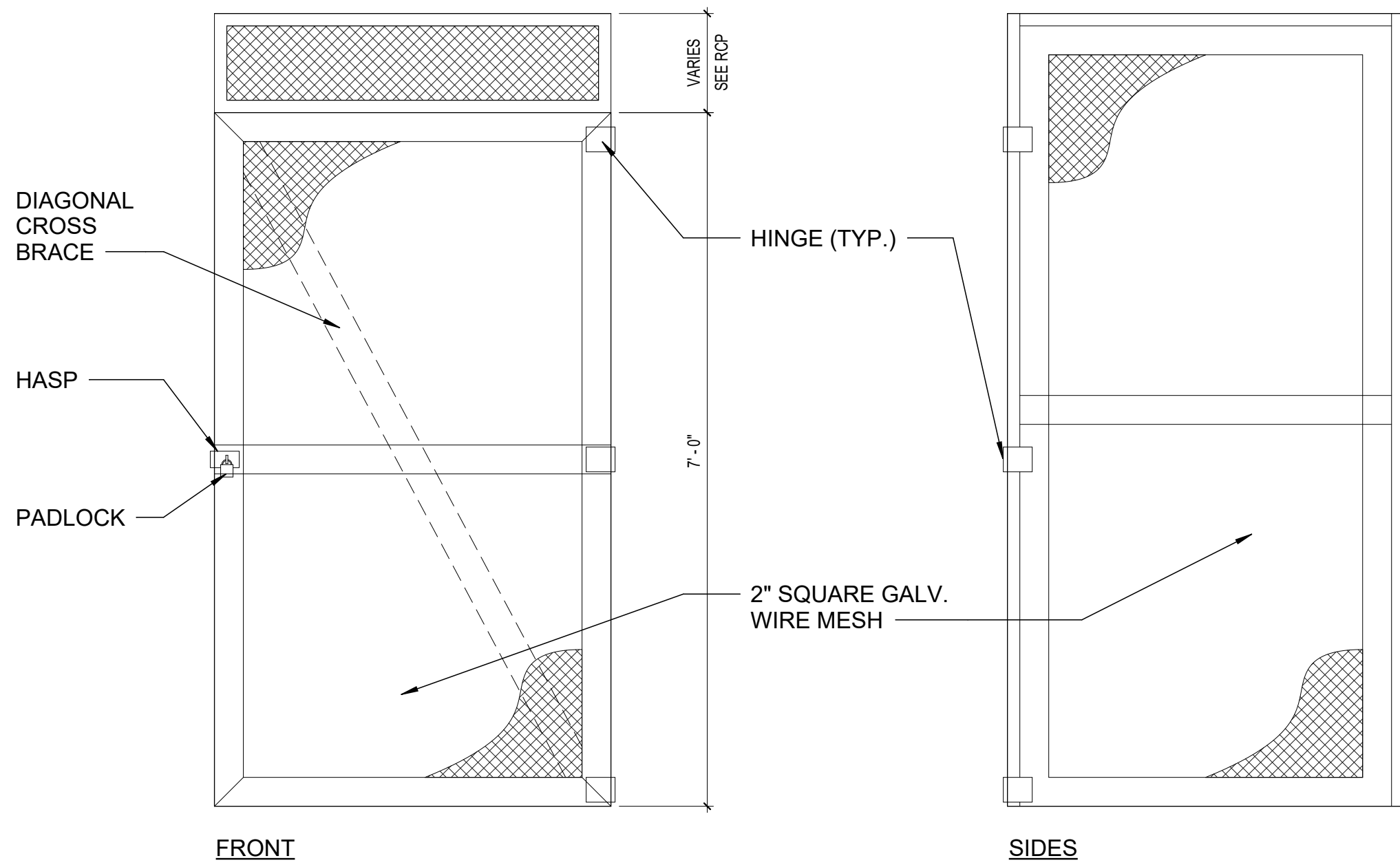
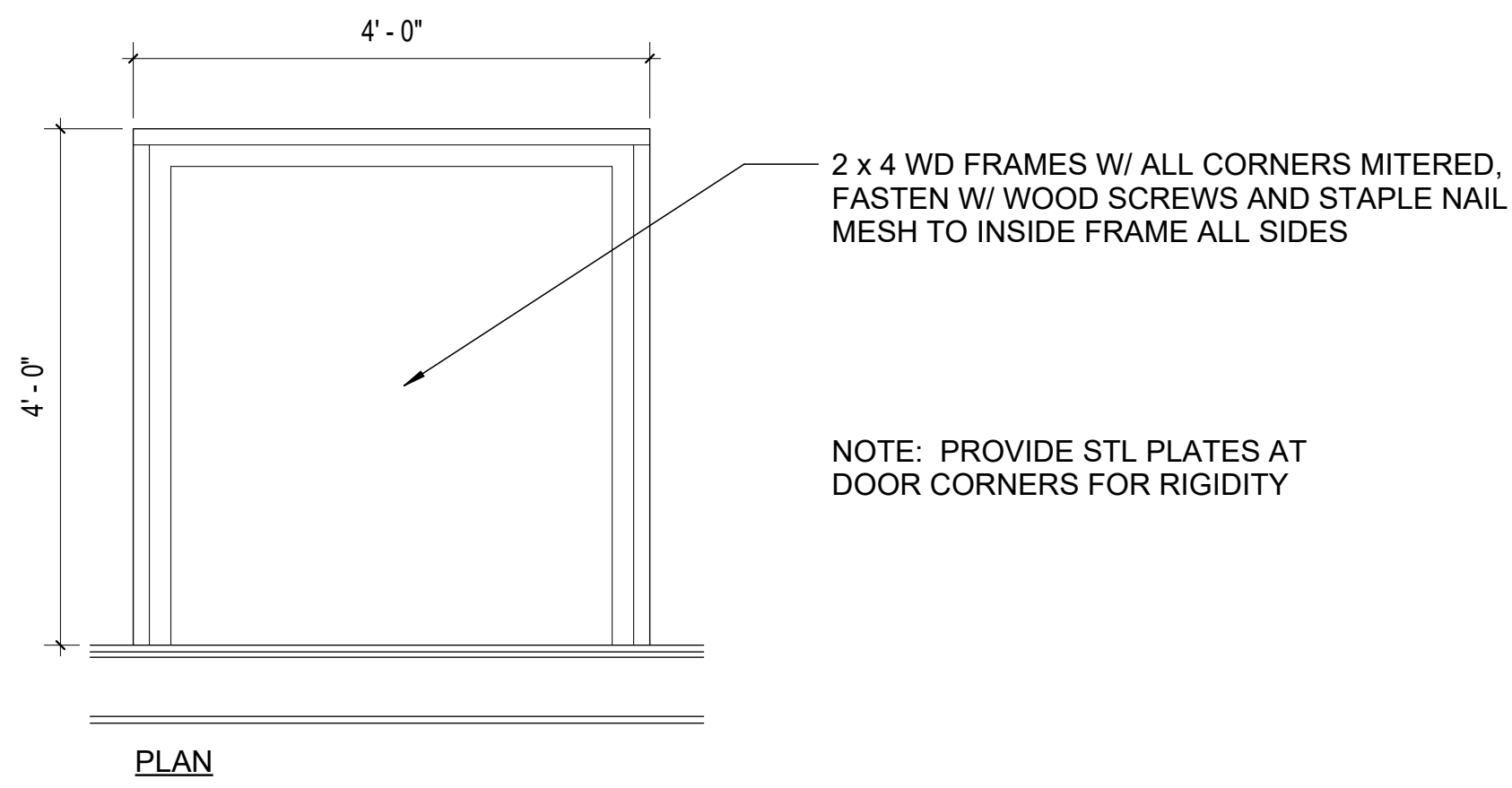
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DESIGNER : DAS	DRAWN : DAS/CLH/CRW
ARCHITECT : DAS	CHECKED : AAT
ENGINEER : DES	APPROVED : CRJ
NO. 2	REVISION DESCRIPTION DATE
Rev 1 - Permit Comments	02/15/24

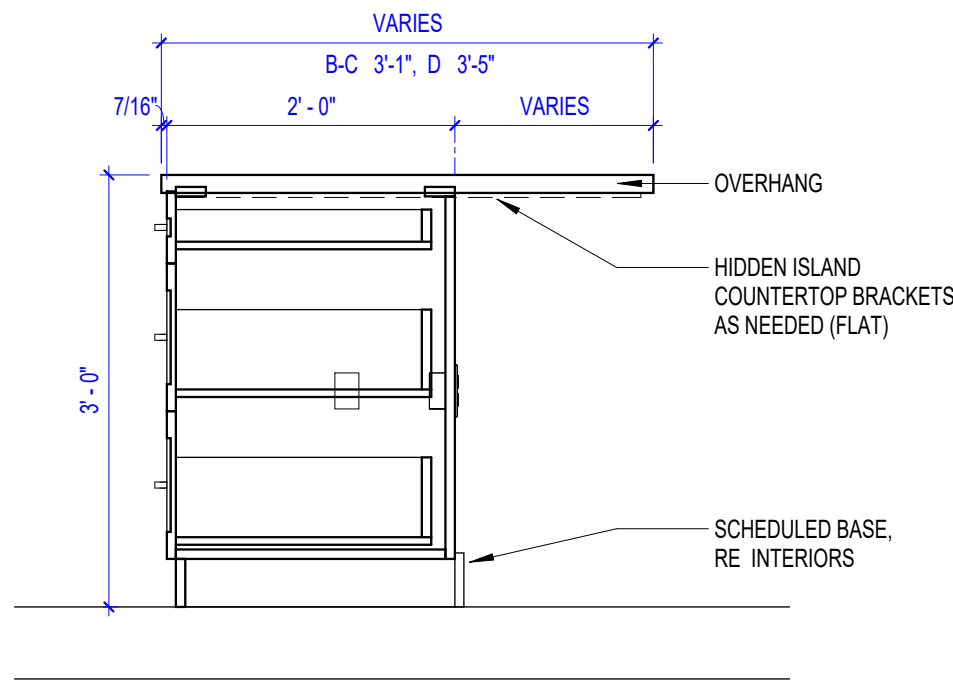
DRAWING TITLE
INTERIOR ELEVATIONS & DETAILS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A7.2

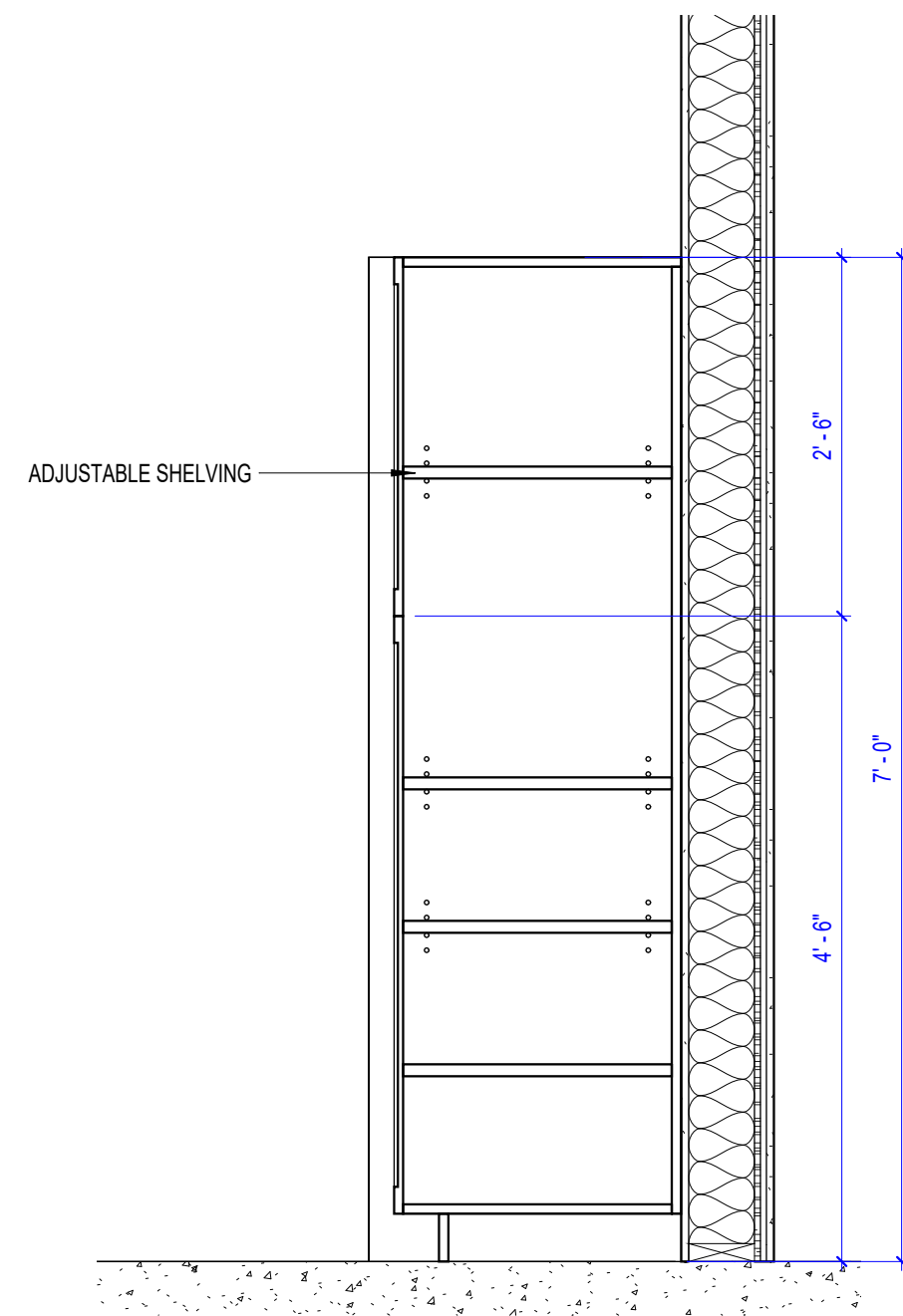




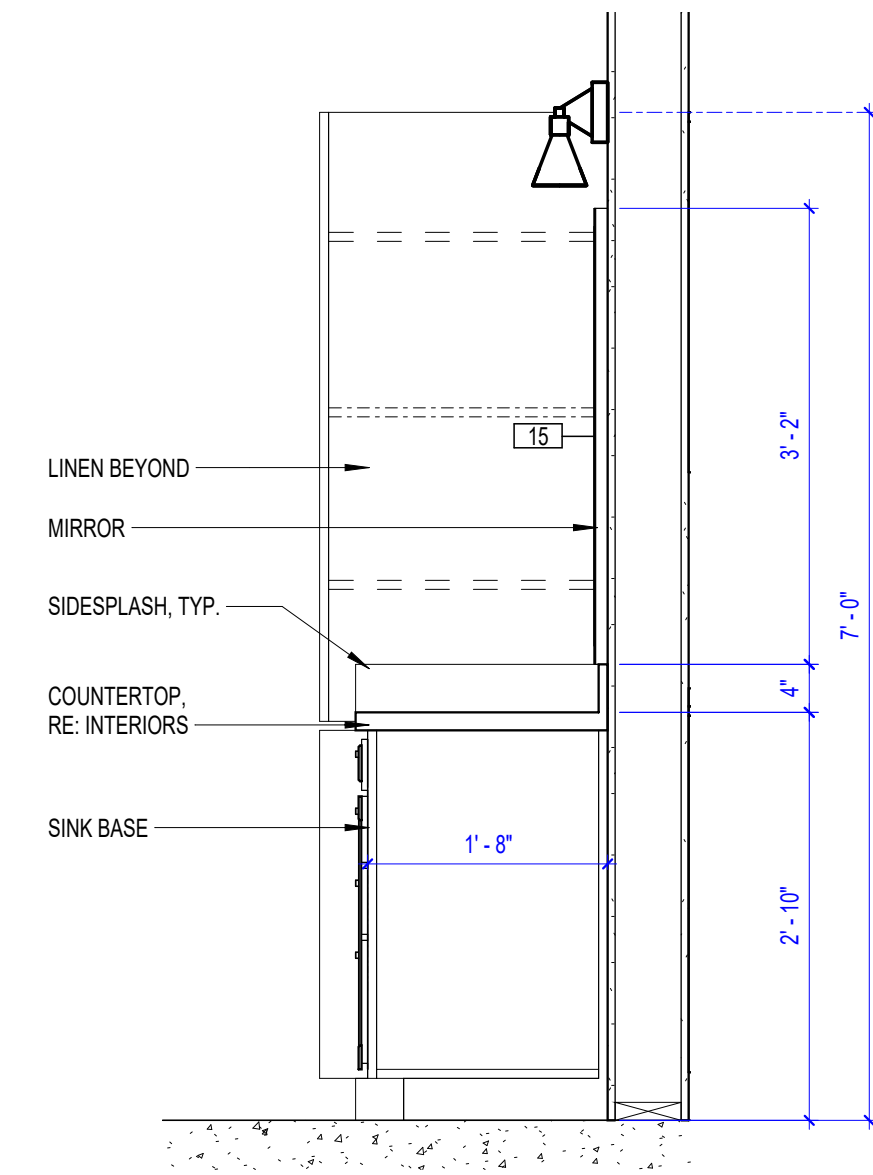
10 STORAGE LOCKERS
3/4" = 1'-0"



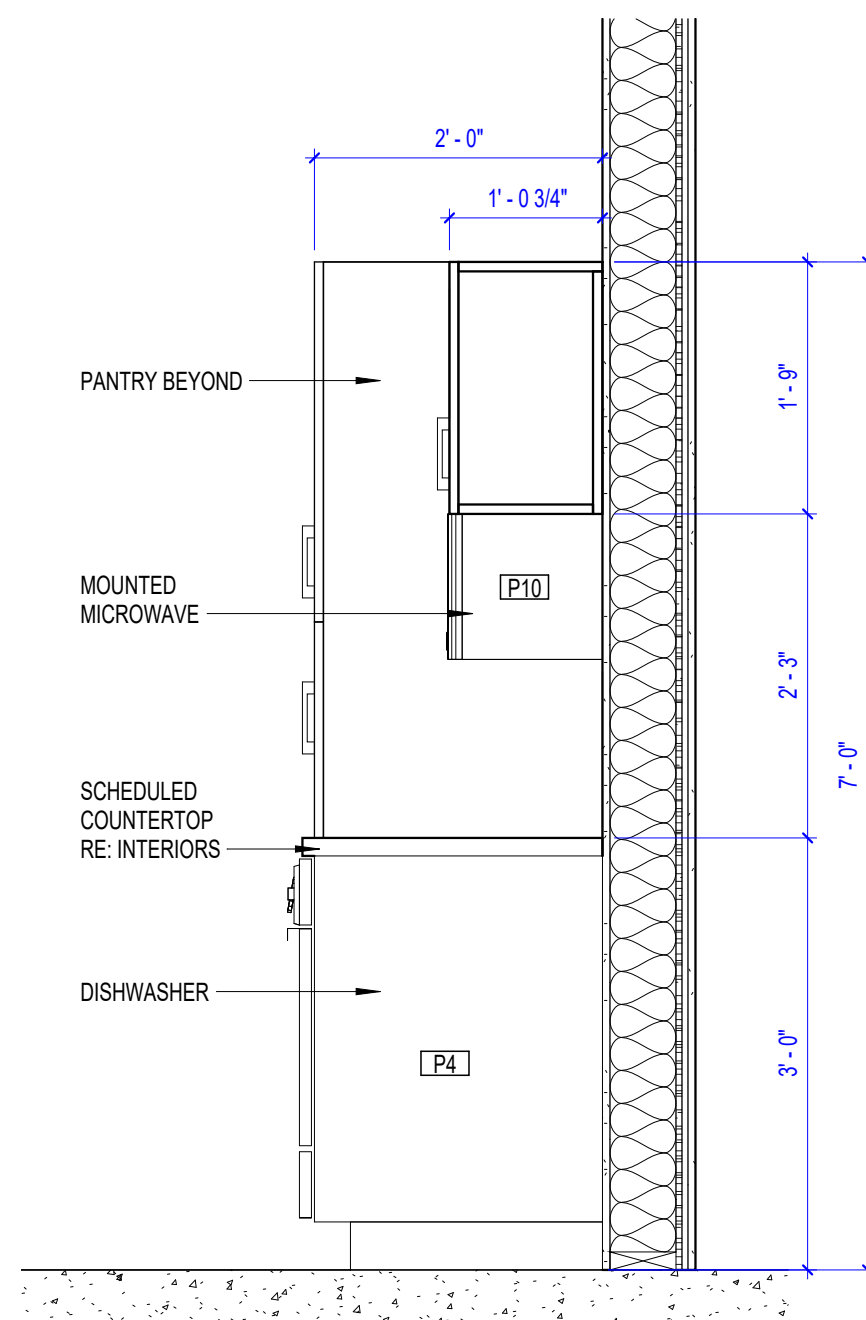
8 TYP SECTION AT KITCHEN ISLAND
3/4" = 1'-0"



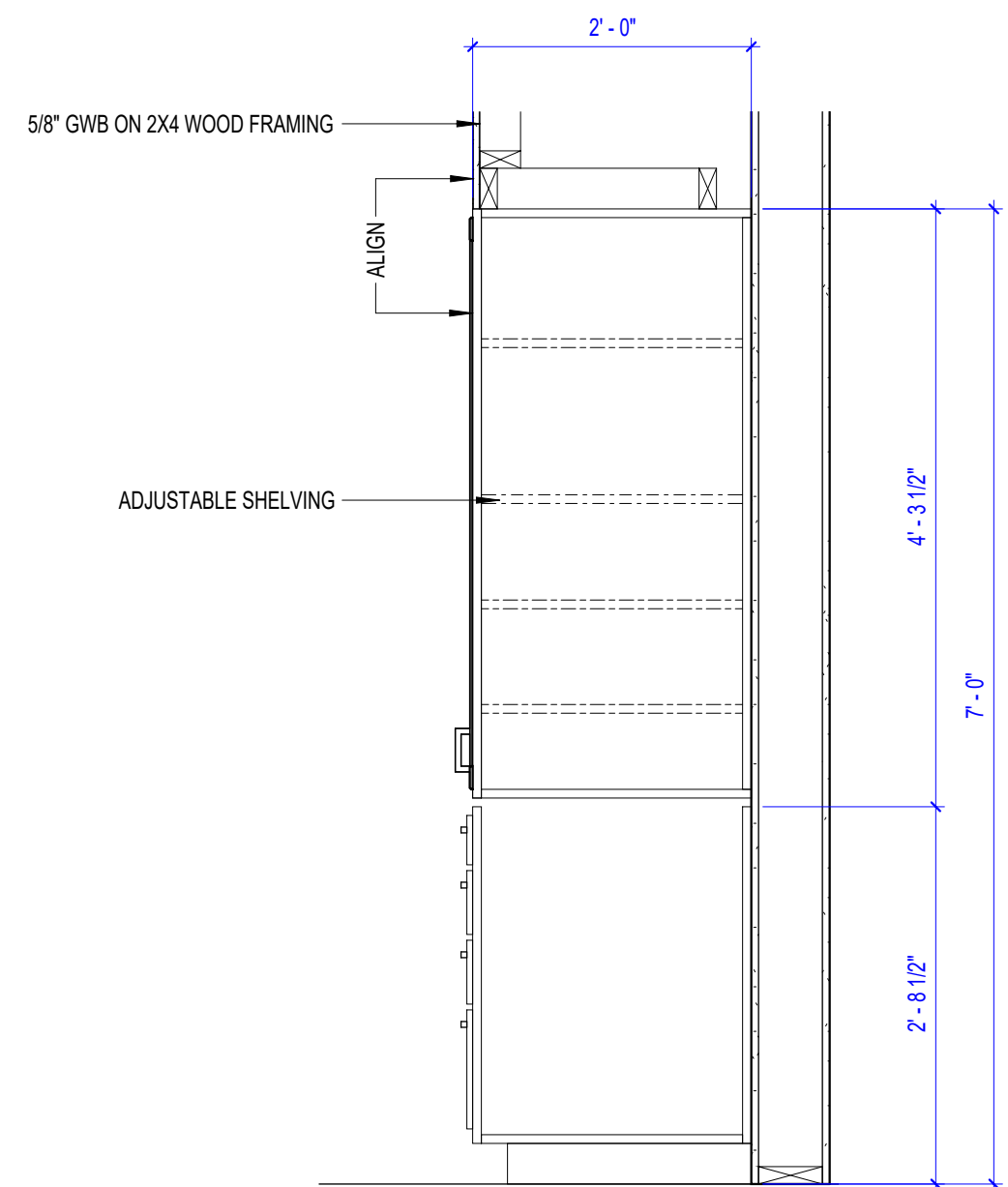
6 TYP SECTION AT PANTRY
3/4" = 1'-0"



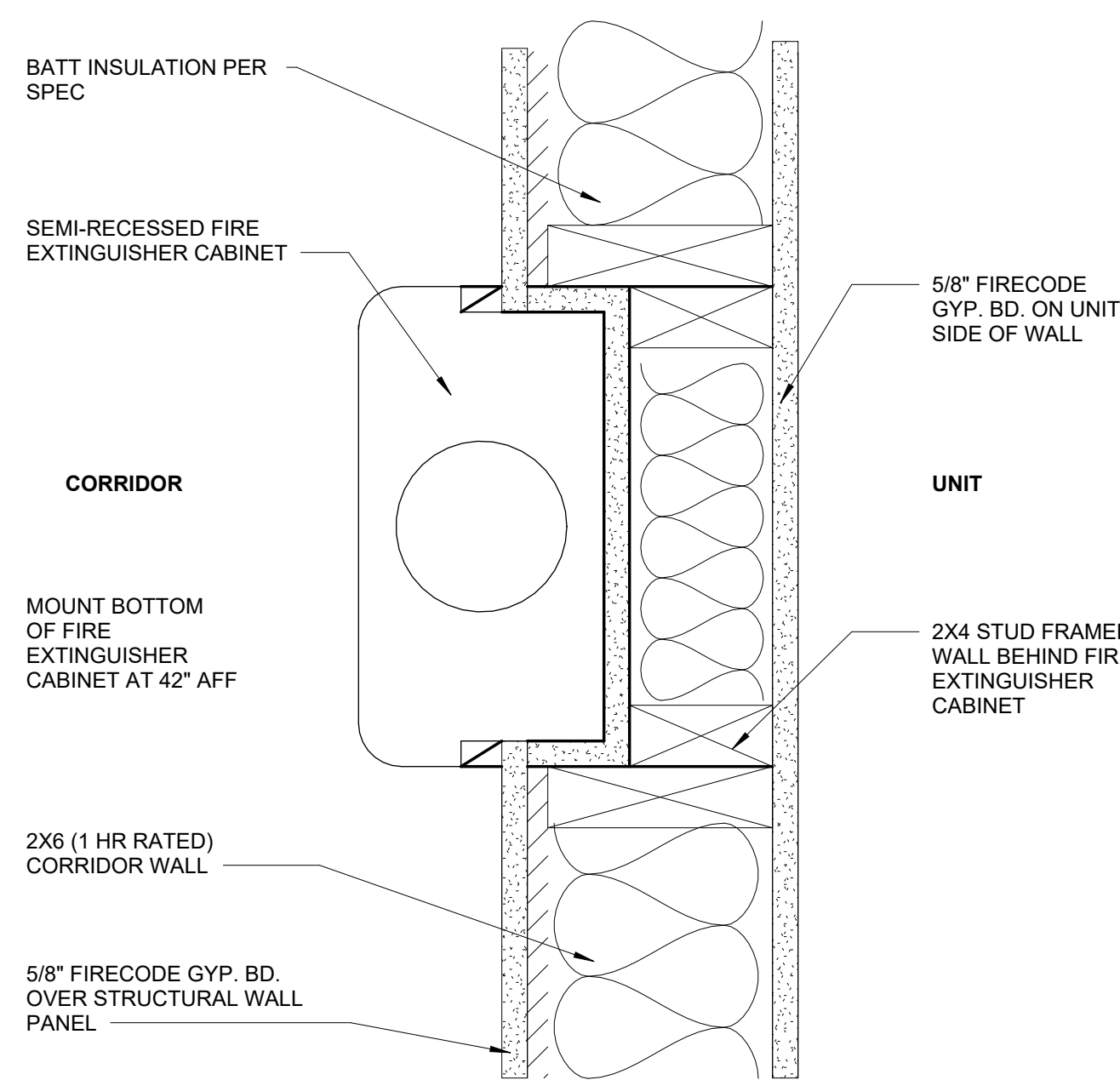
3 TYP SECTION AT BATH VANITY
3/4" = 1'-0"



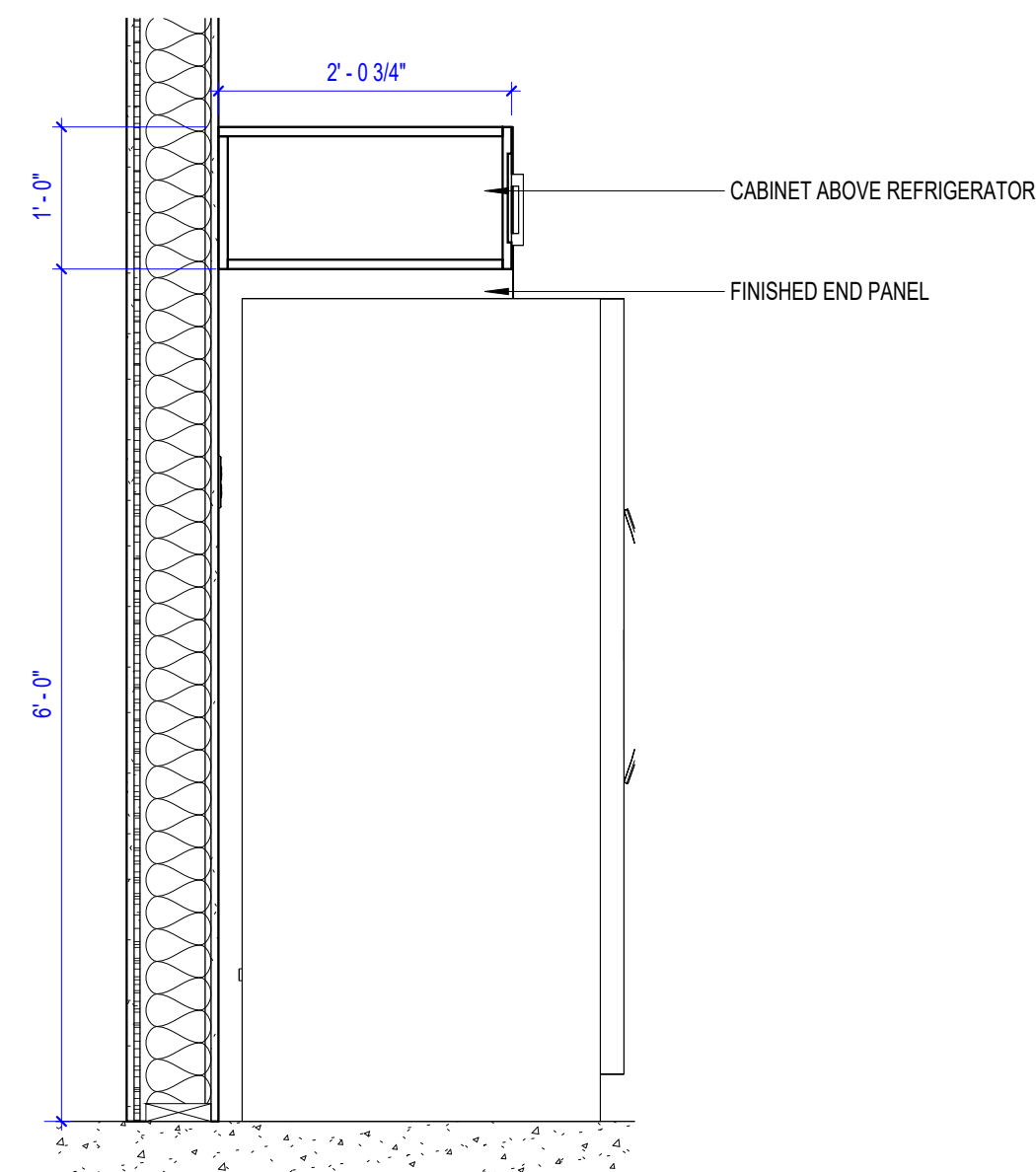
5 TYP SECTION AT DISHWASHER
3/4" = 1'-0"



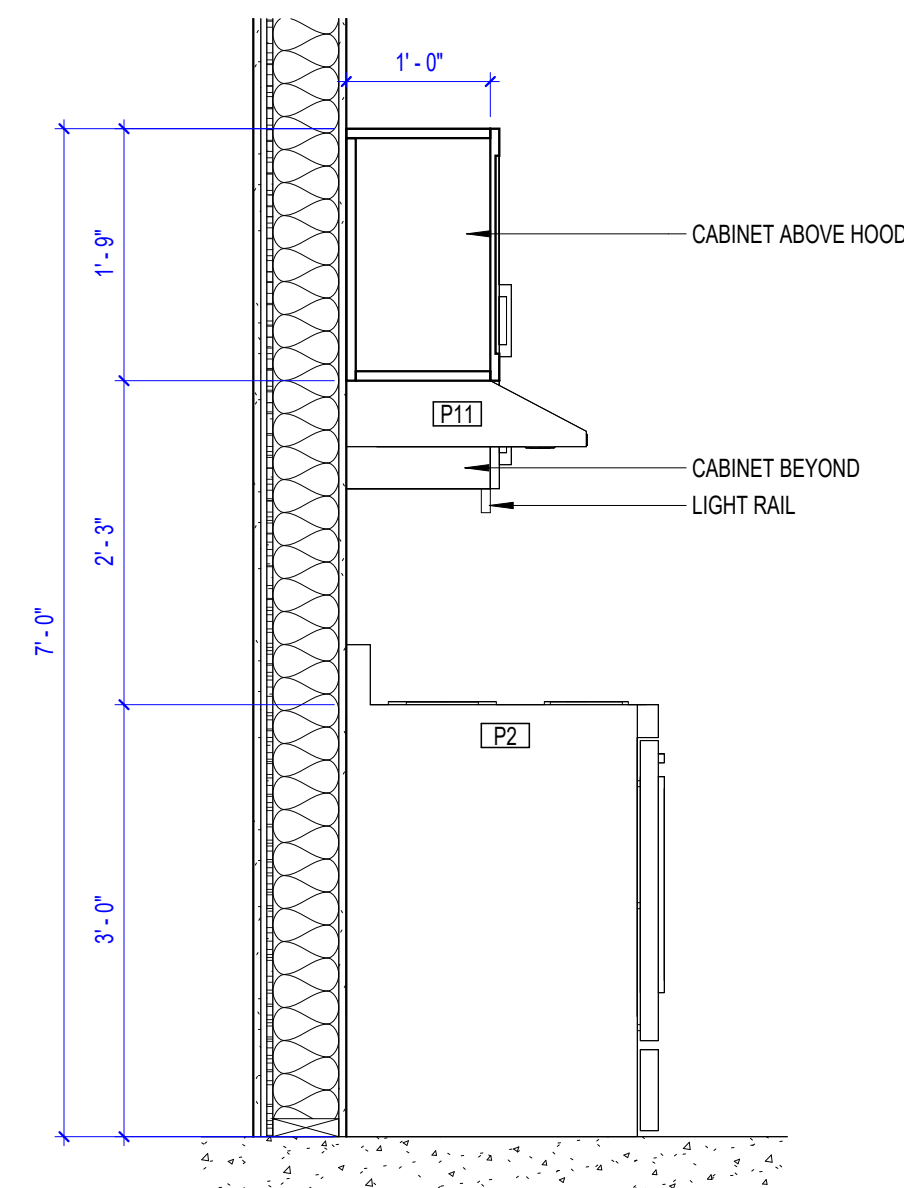
2 TYP SECTION AT BATH LINEN D
3/4" = 1'-0"



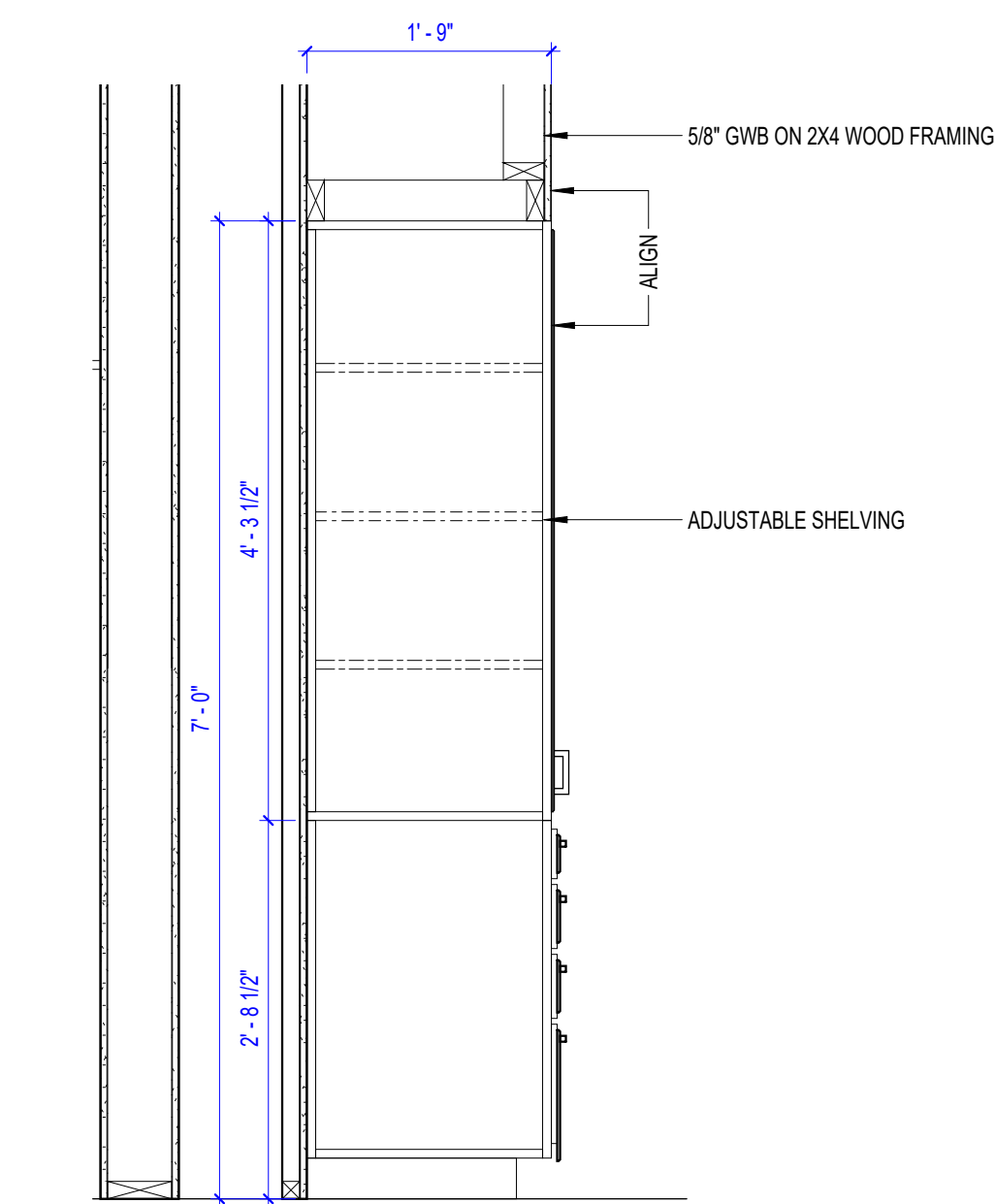
9 FIRE EXTINGUISHER CABINET
3" = 1'-0"



7 TYP SECTION AT REFRIGERATOR
3/4" = 1'-0"

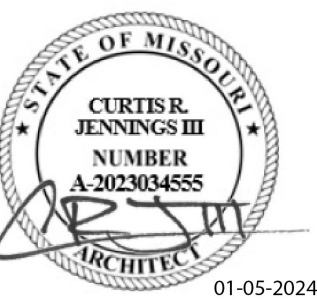


4 TYP SECTION AT RANGE
3/4" = 1'-0"



1 TYP SECTION AT BATH LINEN B/C
3/4" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



COURTYARDS - BUILDING E

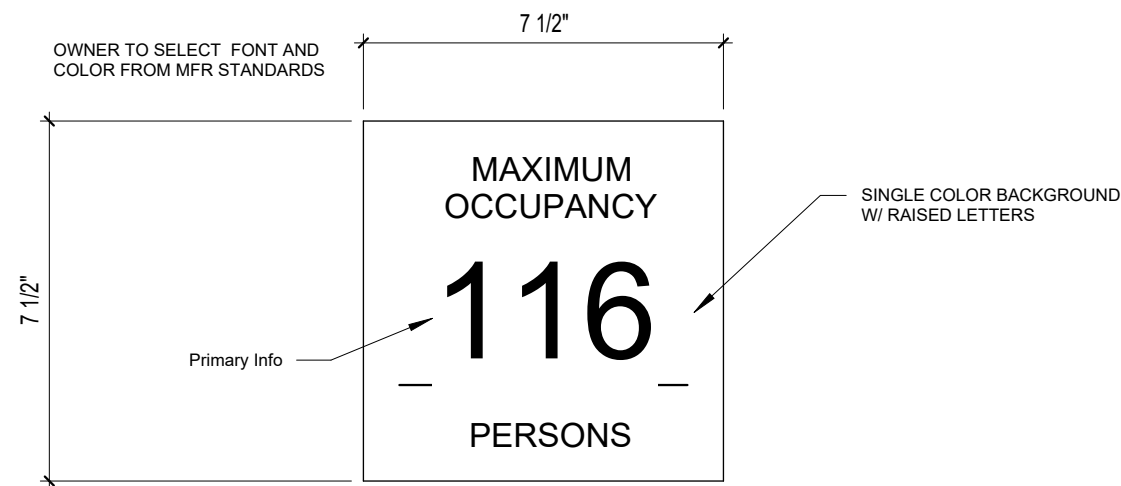
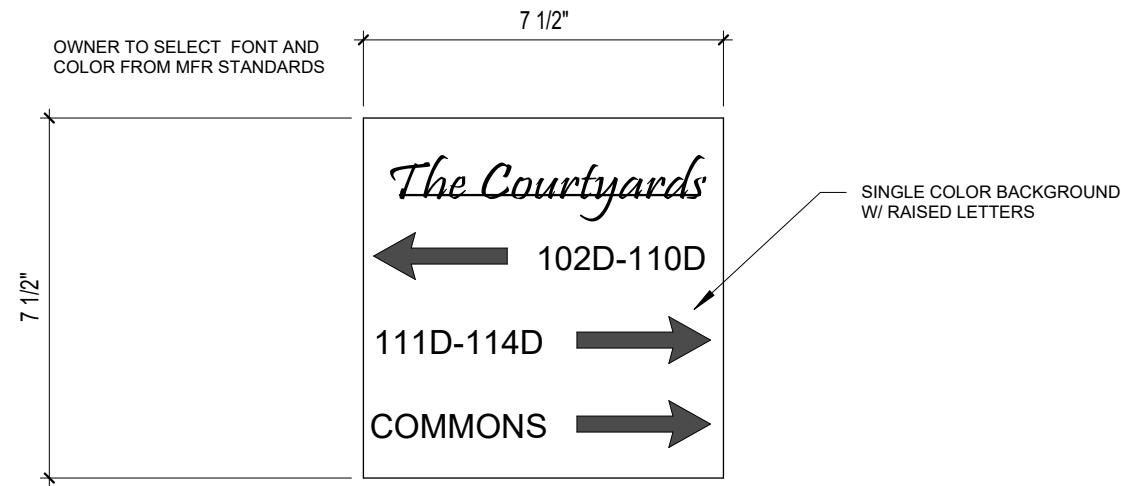
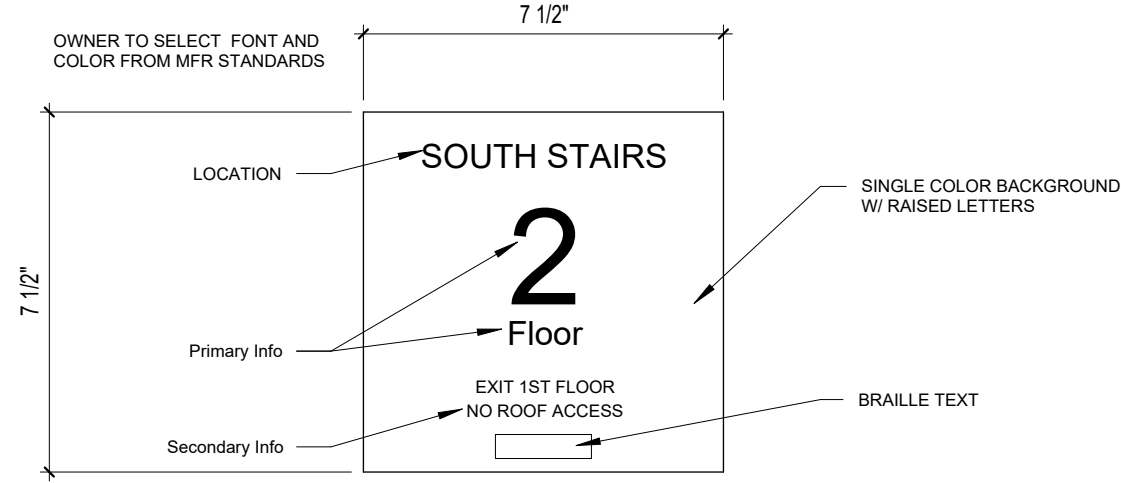
SFCS

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DESIGNER : DAS	DRAWN : GJM/DAS	
ARCHITECT : DAS	CHECKED : AAT	
ENGINEER :	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE

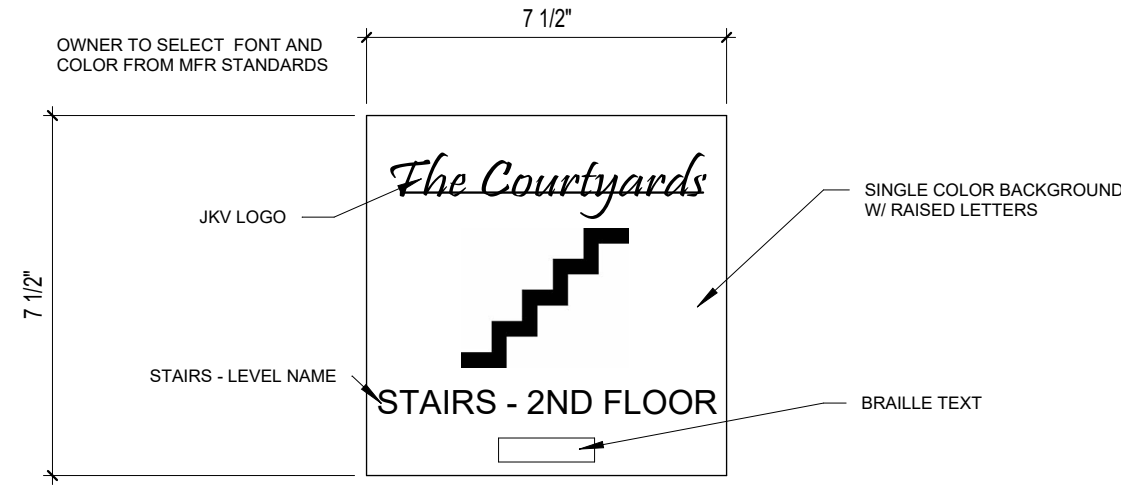
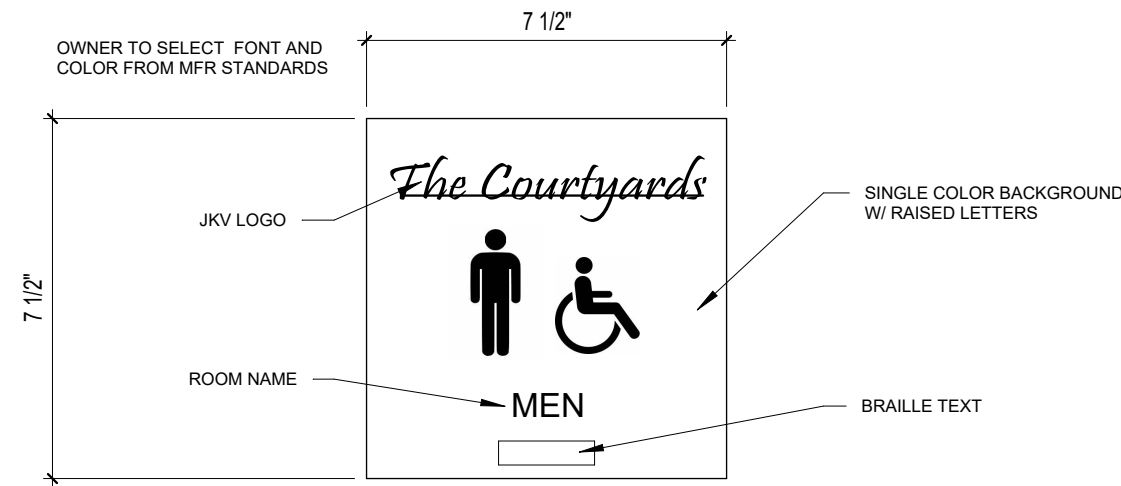
DRAWING TITLE
INTERIOR DETAILS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A7.4



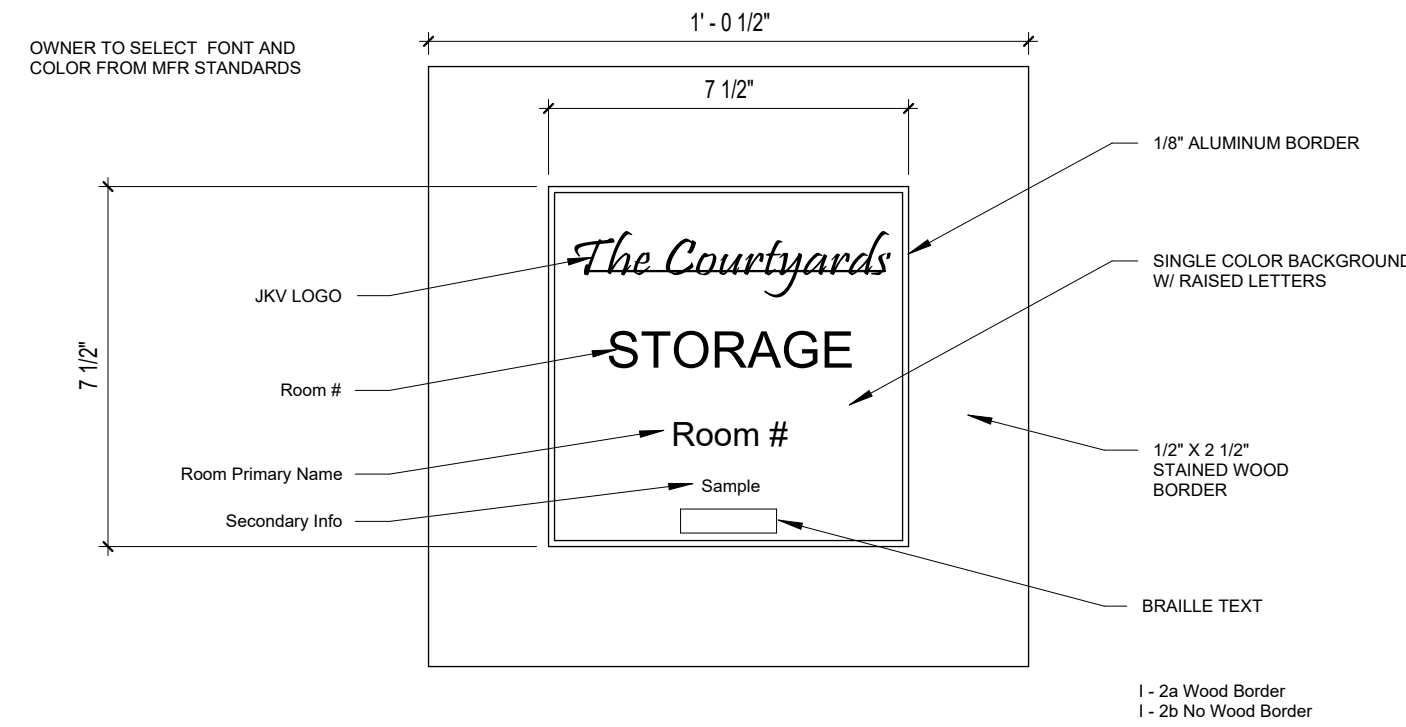
4 TYPE I-4 INFORMATION

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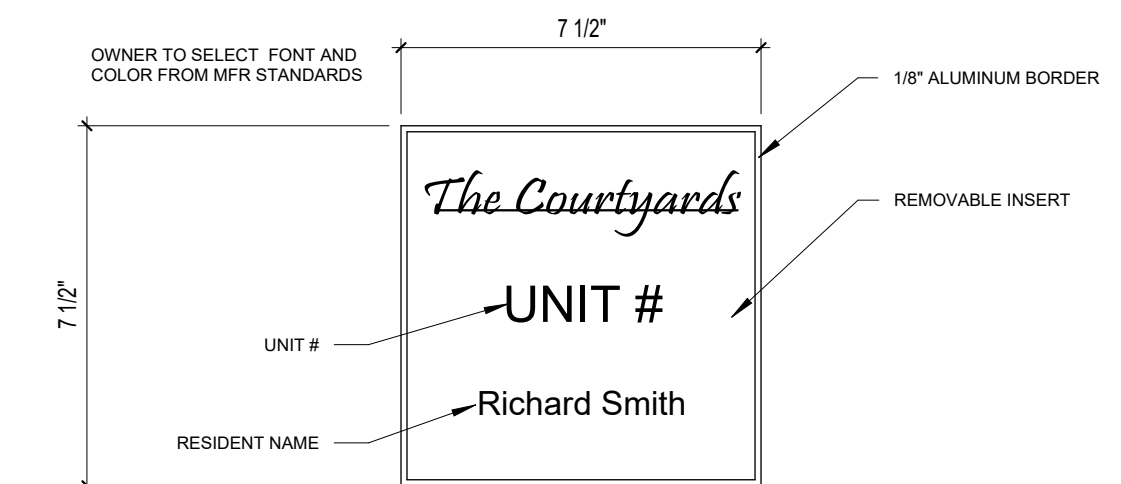
3 TYPE I-3 STAIR/RESTROOM

3" = 1'-0"



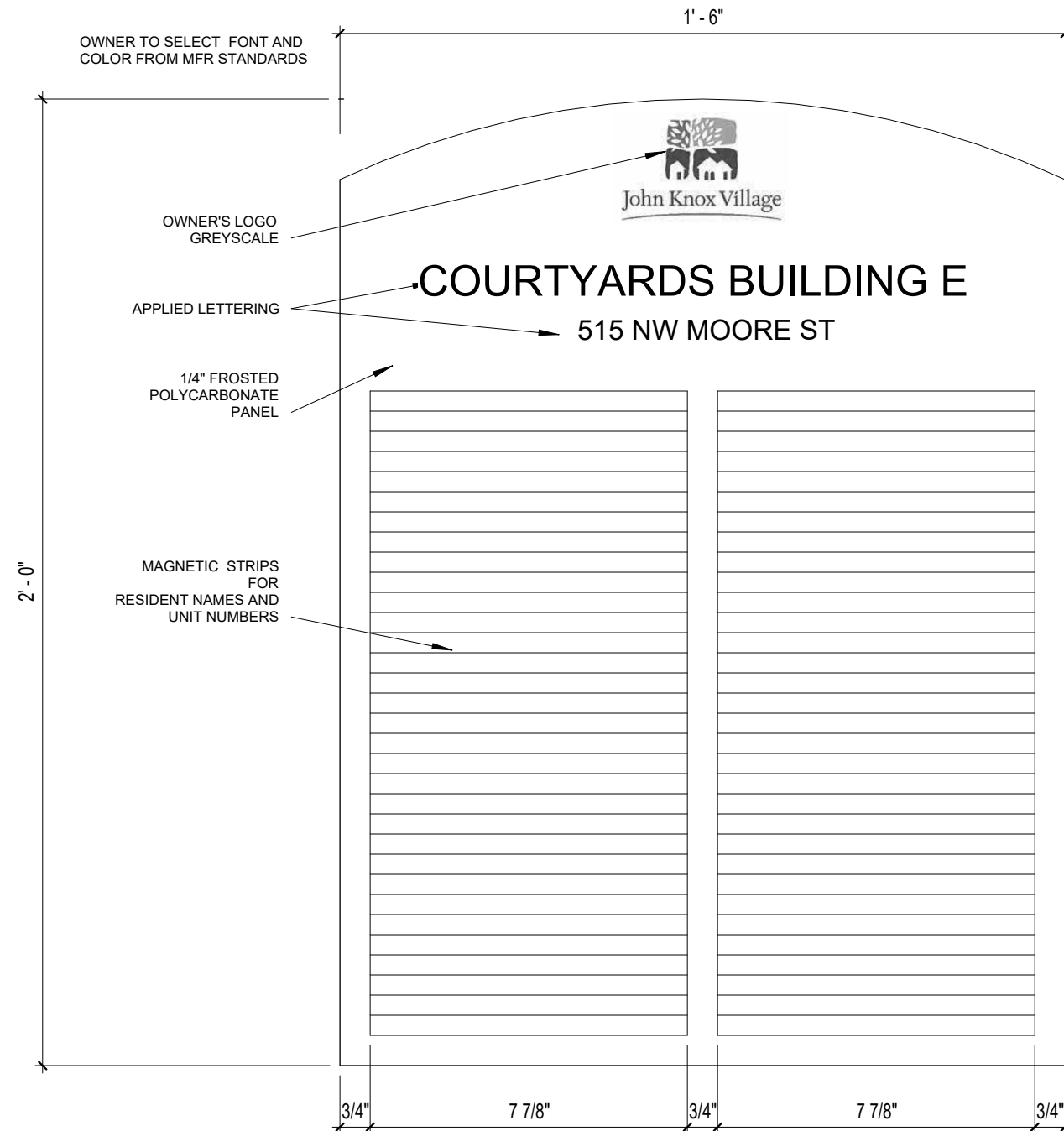
2 TYPE I-2 ROOM

3" = 1'-0"



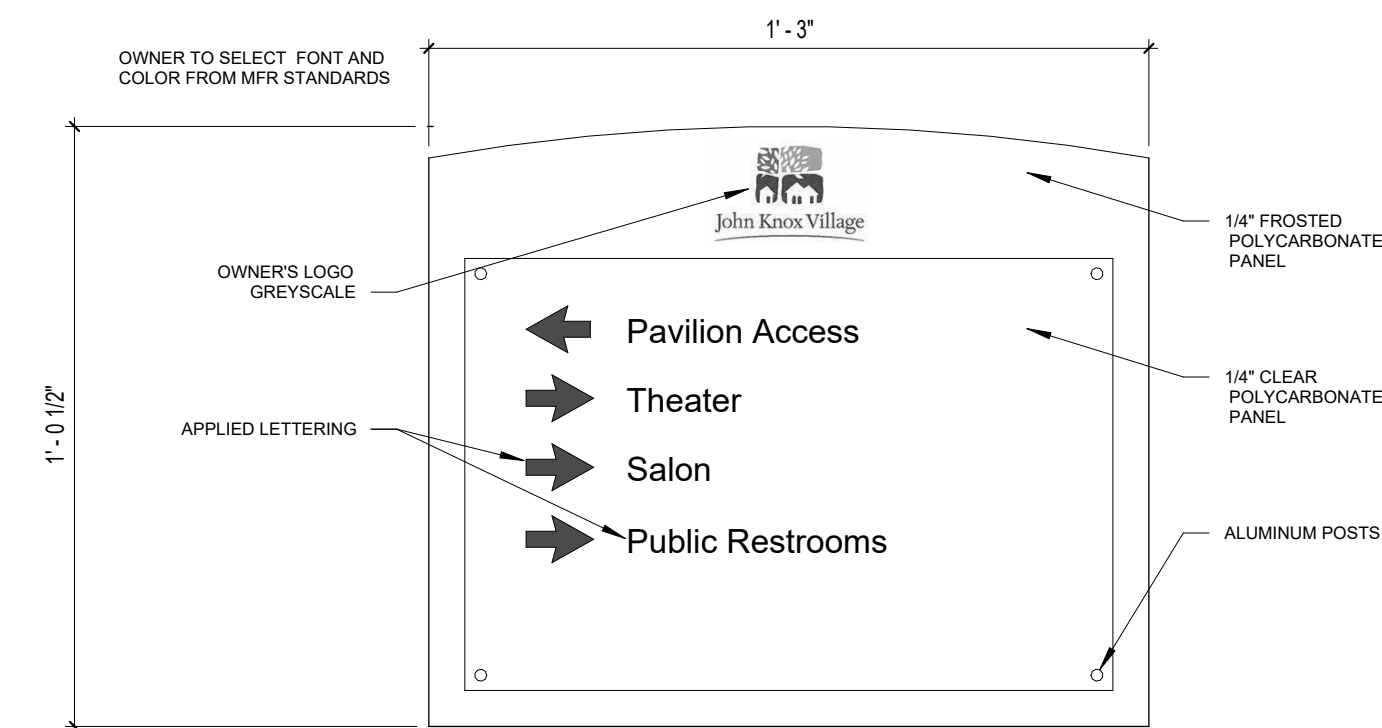
1 TYPE I-1 UNIT

3" = 1'-0"



6 TYPE I-6 DIRECTORY

3" = 1'-0"



5 TYPE I-5 WAYFINDING

3" = 1'-0"

CONSTRUCTION SET



01-05-2024

PROJECT TITLE



John Knox Village

COURTYARDS - BUILDING E

SFC

Architecture
Engineering
Planning
Interiors

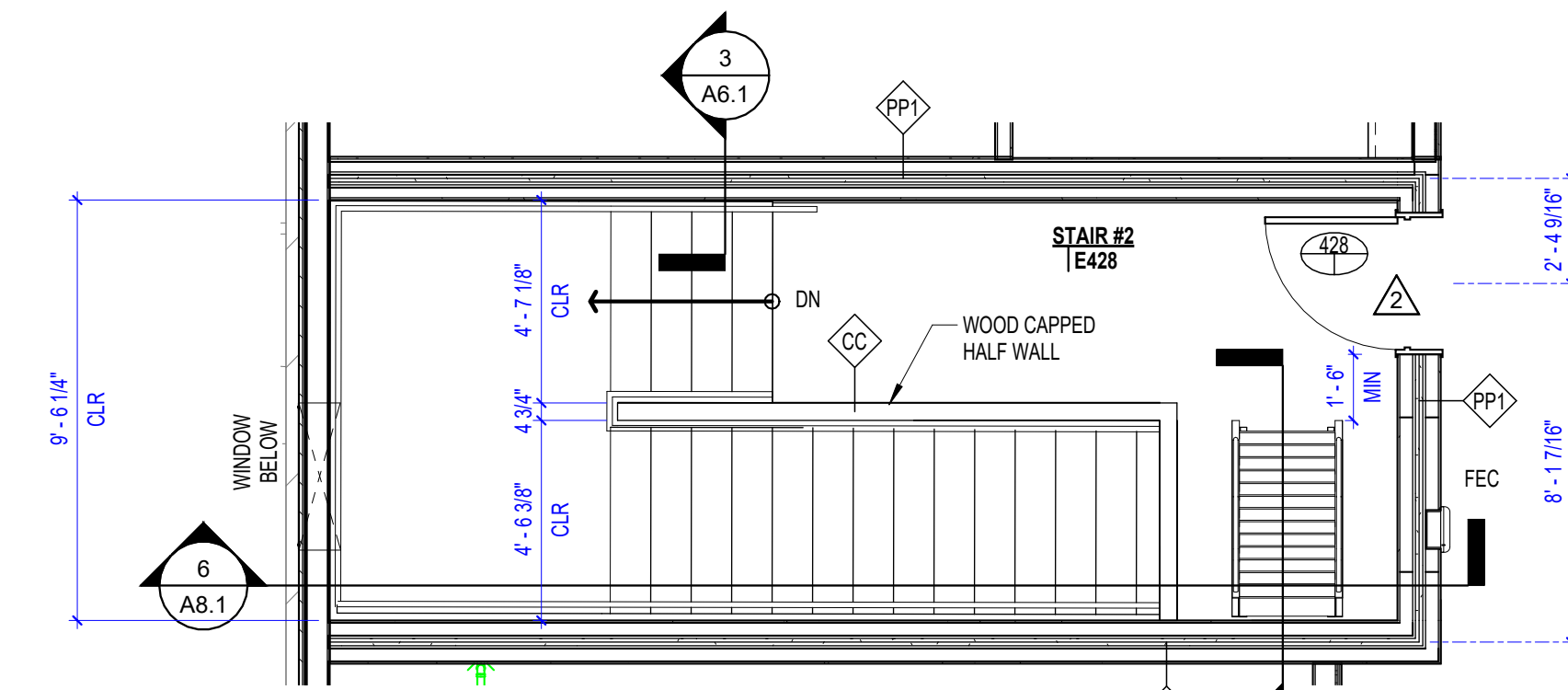
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DESIGNER : DAS	DRAWN : DAS	
ARCHITECT : DAS	CHECKED : AAT	
ENGINEER :	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE

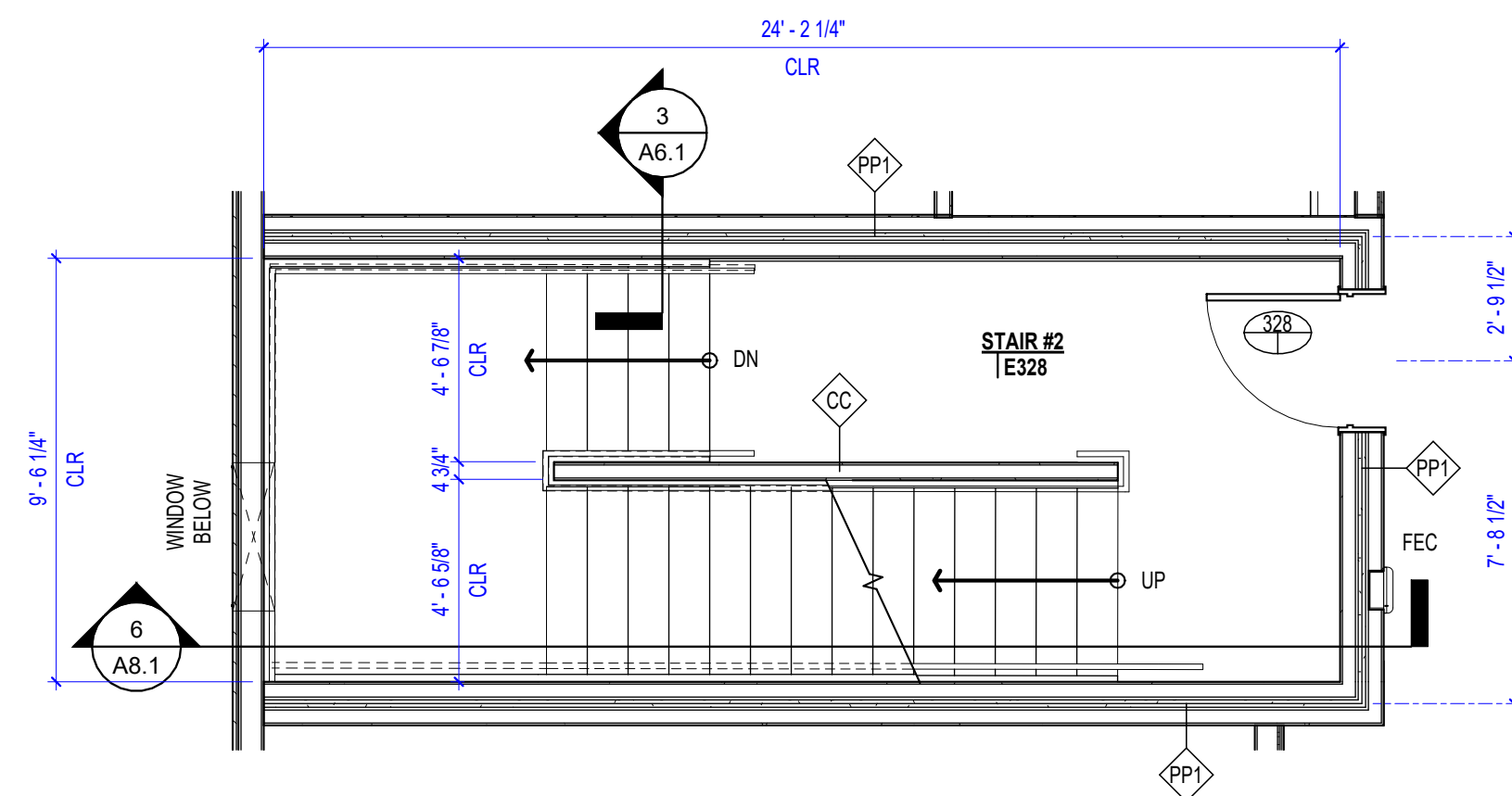
DRAWING TITLE

BUILDING SIGNAGE

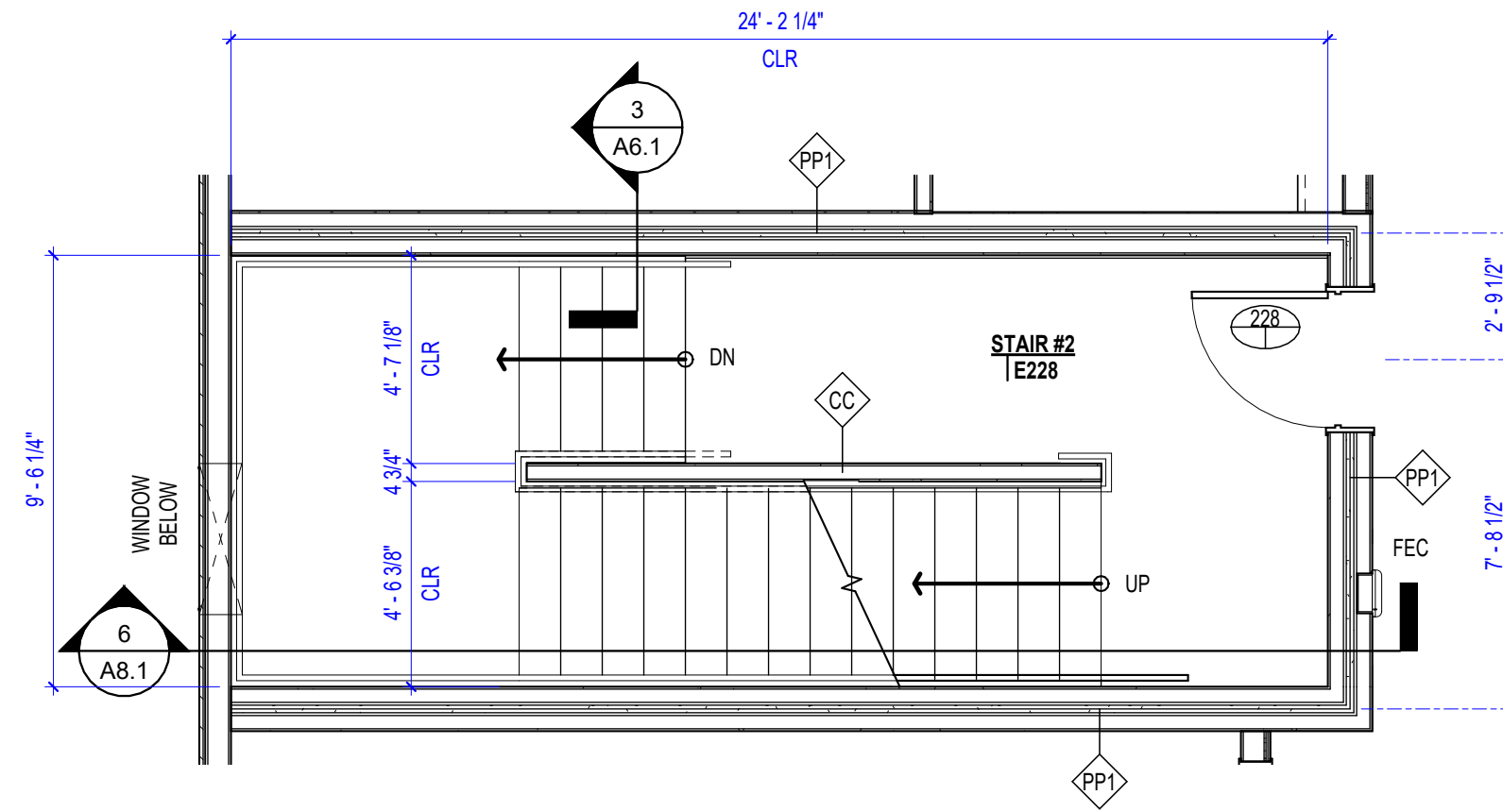
DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A7.5



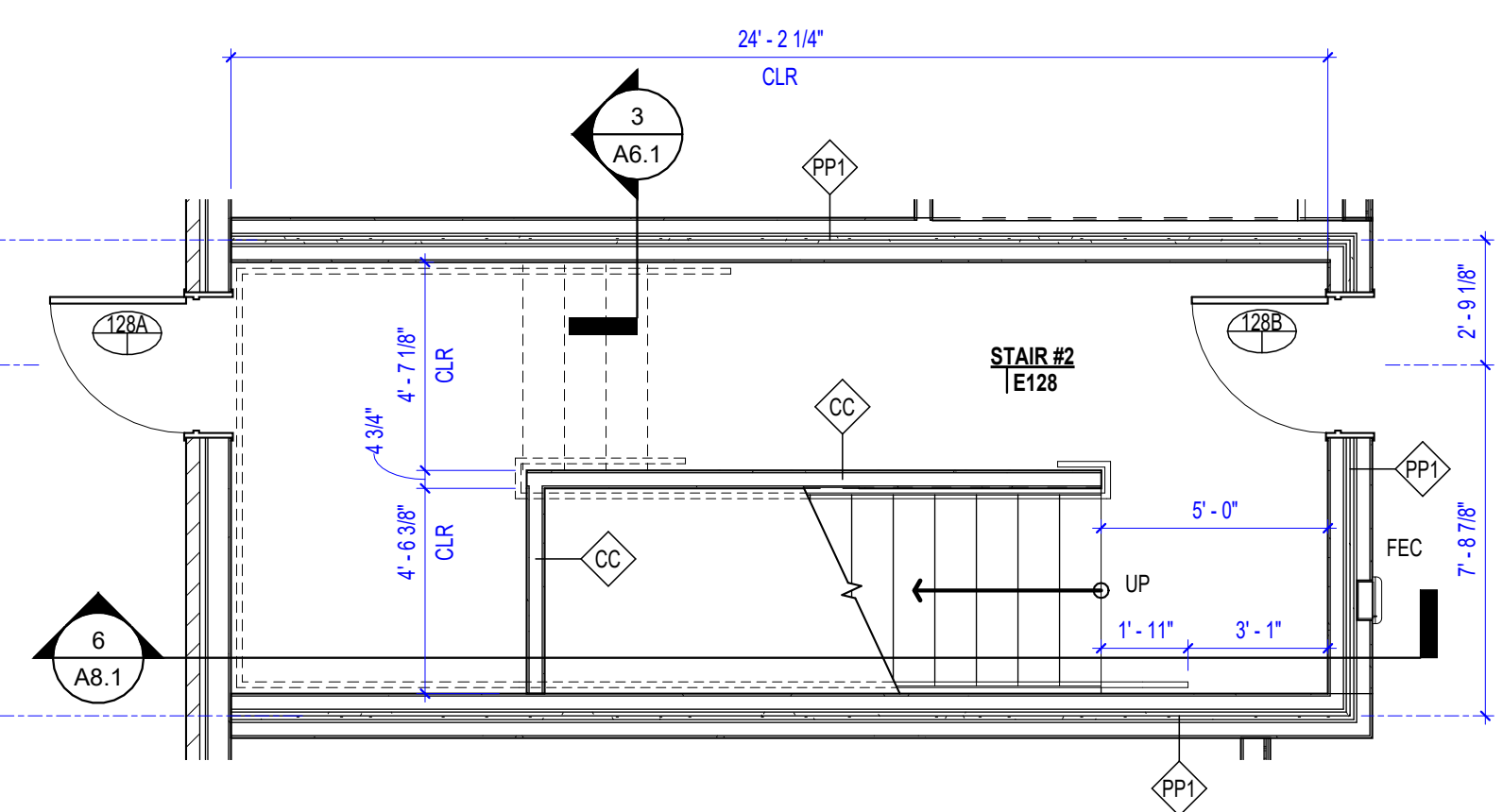
10 STAIR 2 - FOURTH FLOOR PLAN
1/4" = 1'-0"



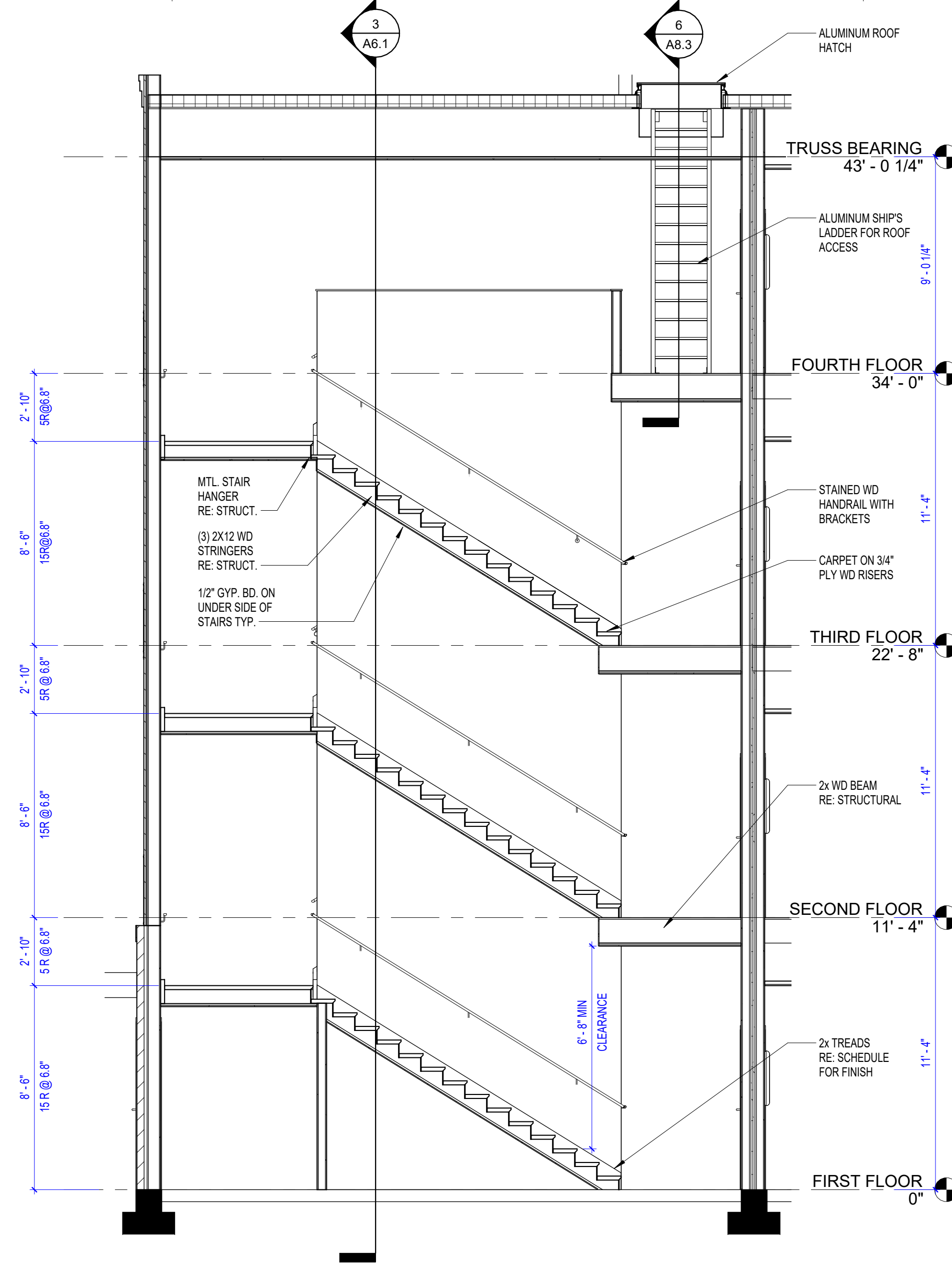
9 STAIR 2 - THIRD FLOOR PLAN
1/4" = 1'-0"



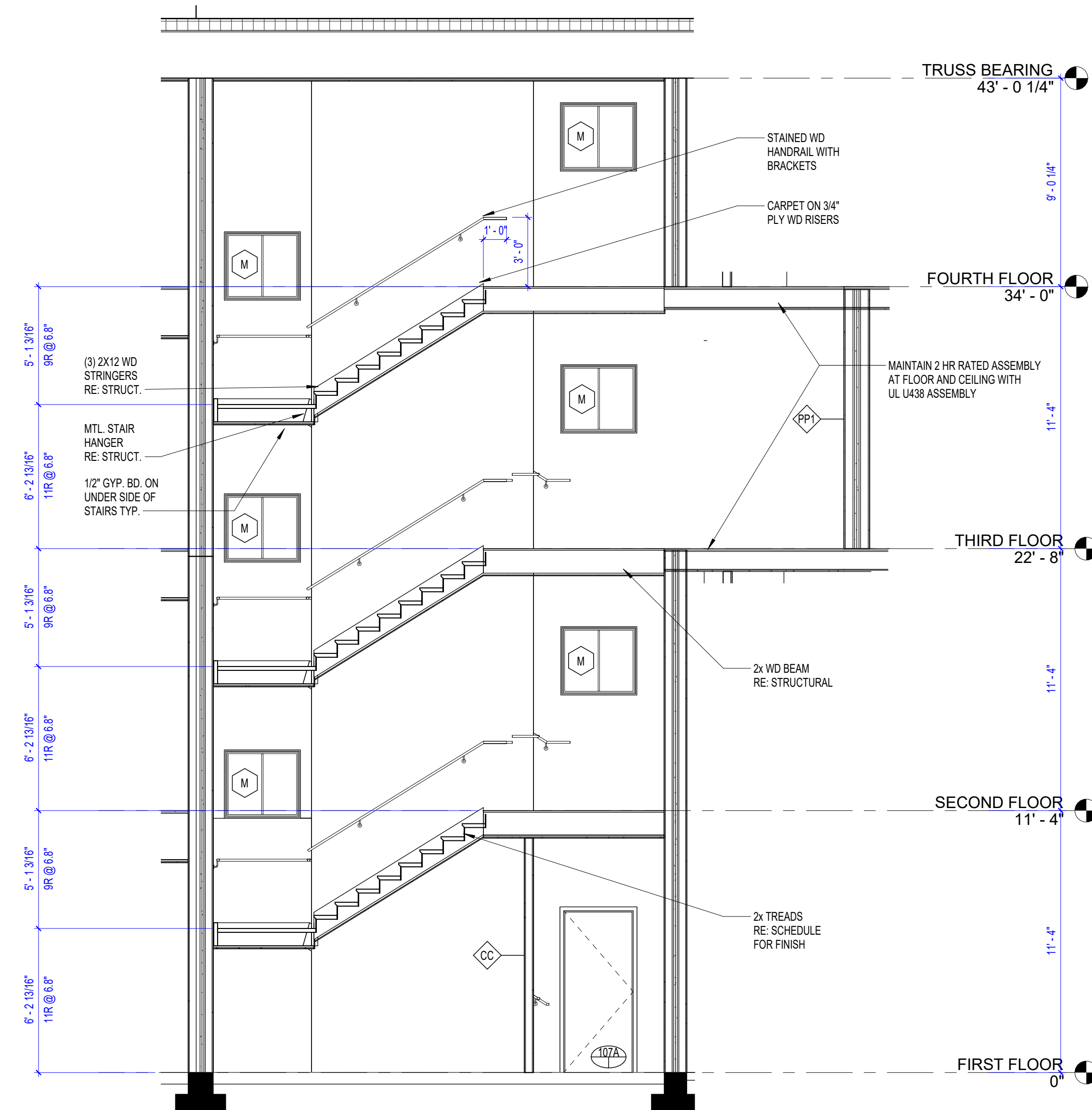
8 STAIR 2 - SECOND FLOOR PLAN
1/4" = 1'-0"



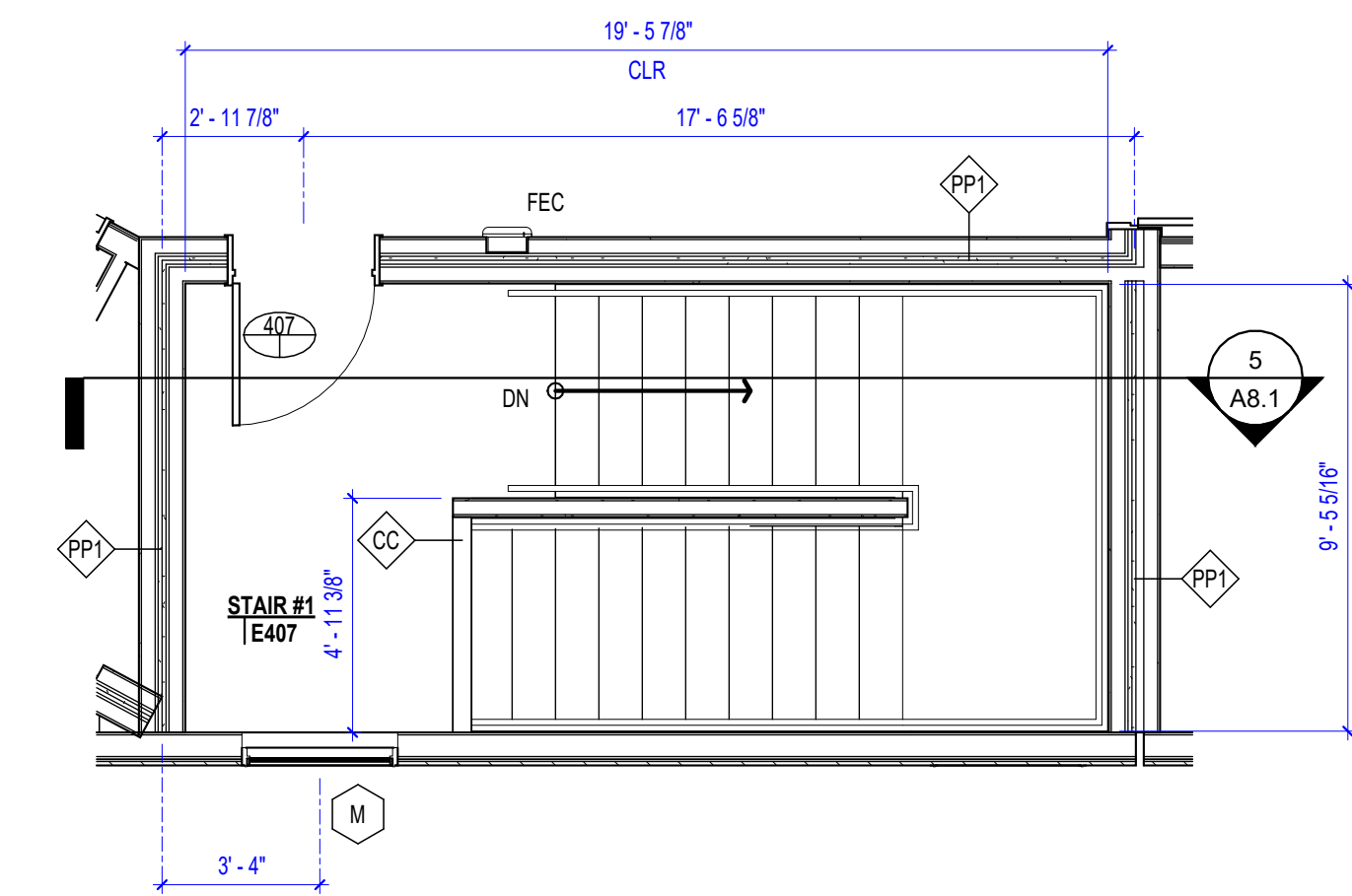
7 STAIR 2 - FIRST FLOOR PLAN
1/4" = 1'-0"



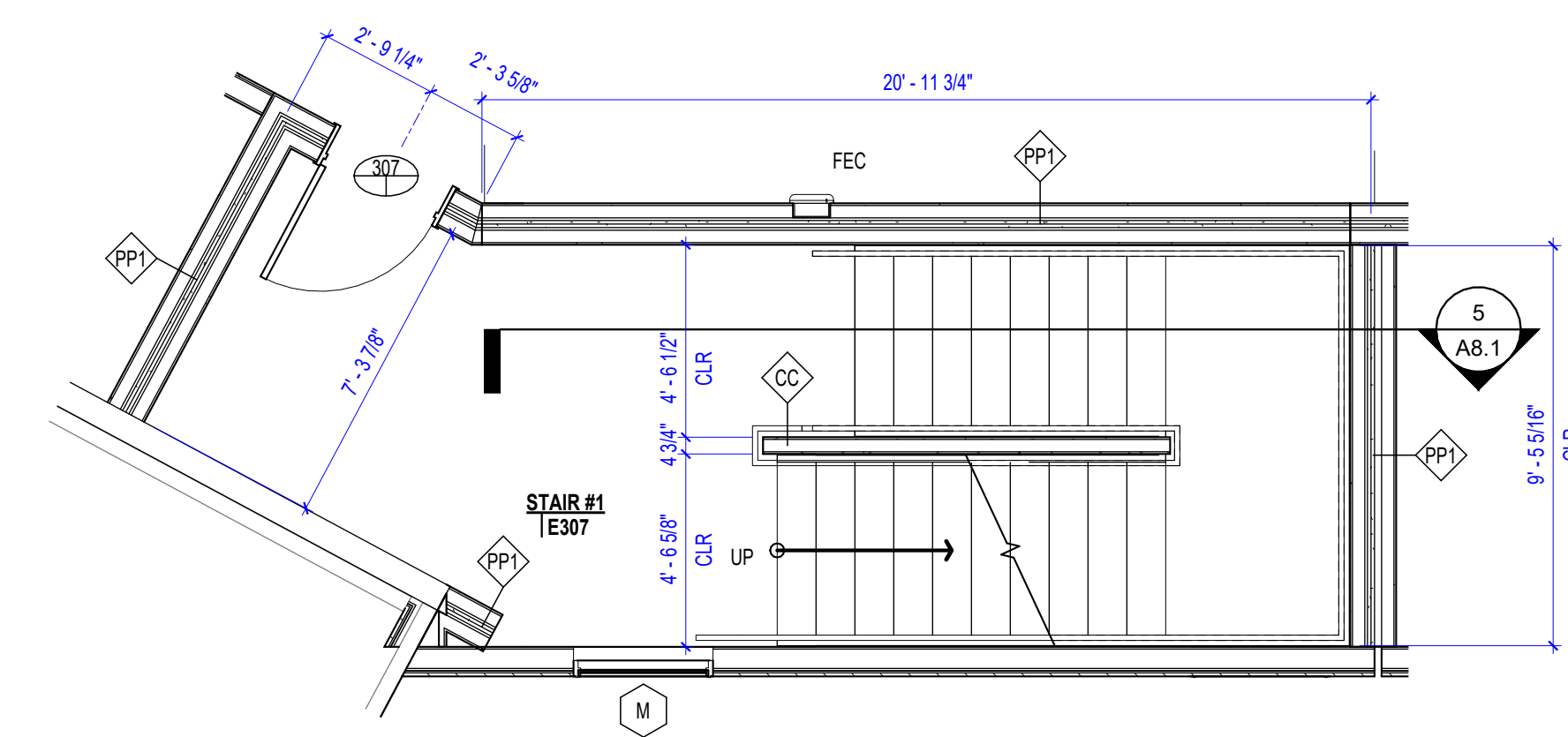
6 STAIR 2 SECTION
1/4" = 1'-0"



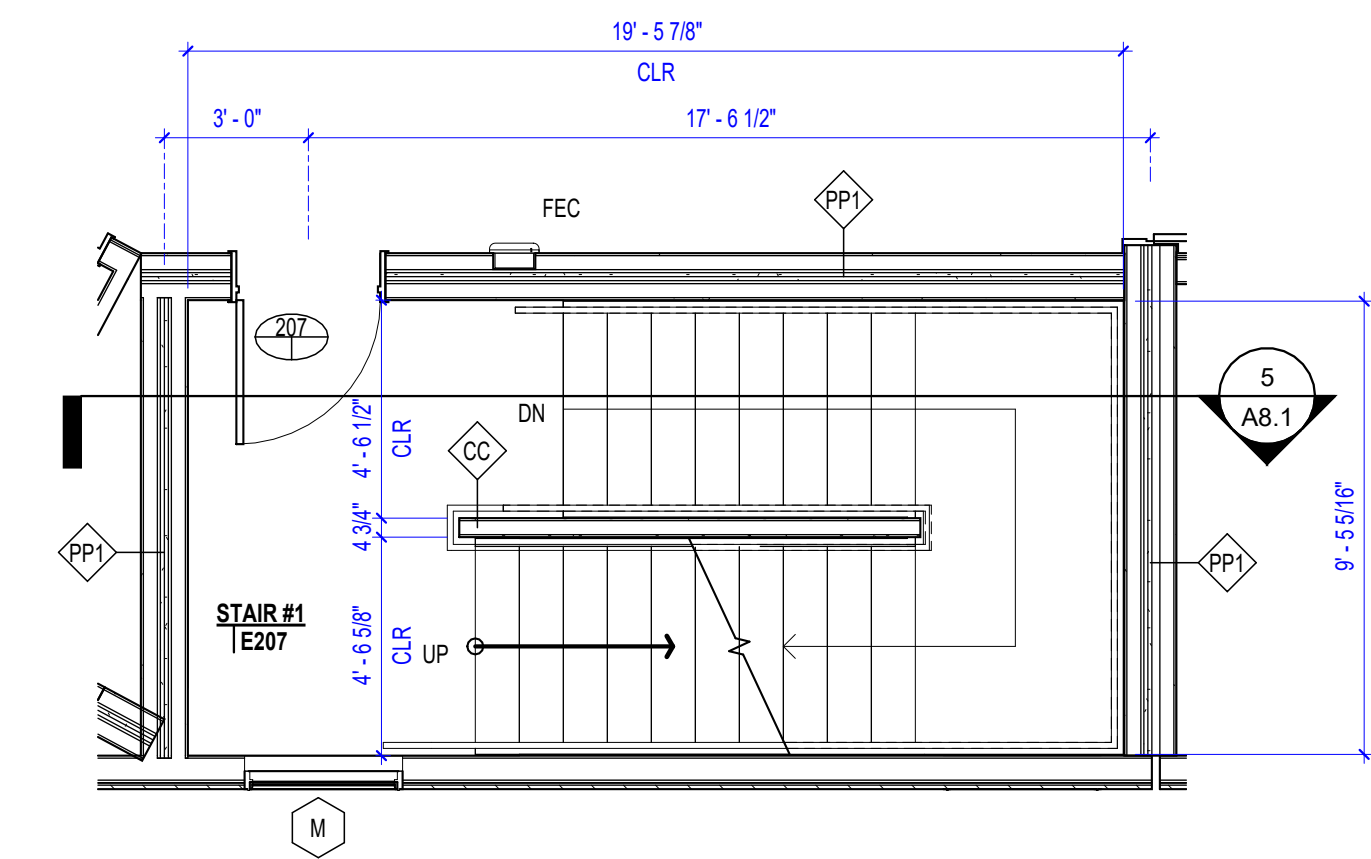
5 STAIR 1 SECTION
1/4" = 1'-0"



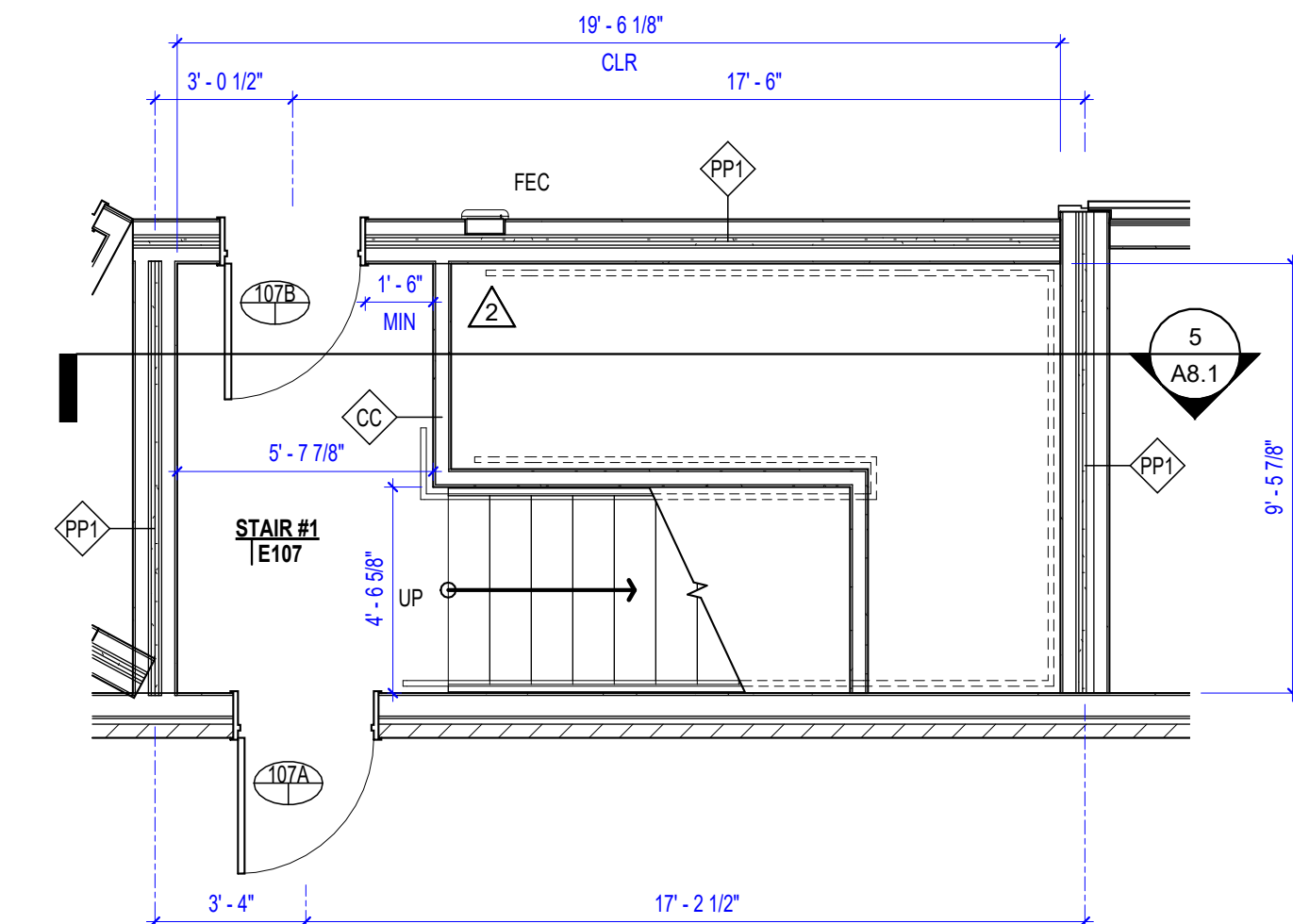
4 STAIR 1 - FOURTH FLOOR PLAN
1/4" = 1'-0"



3 STAIR 1 - THIRD FLOOR PLAN
1/4" = 1'-0"



2 STAIR 1 - SECOND FLOOR PLAN
1/4" = 1'-0"



1 STAIR 1 - FIRST FLOOR PLAN
1/4" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



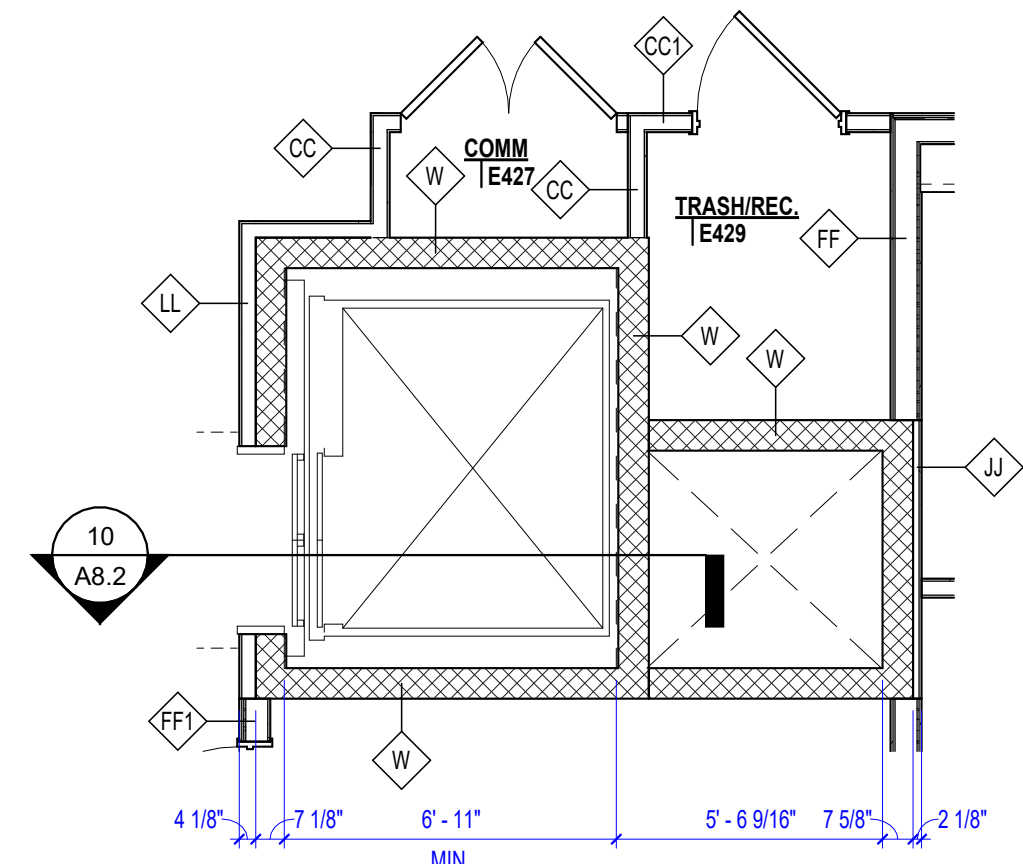
COURTYARDS - BUILDING E

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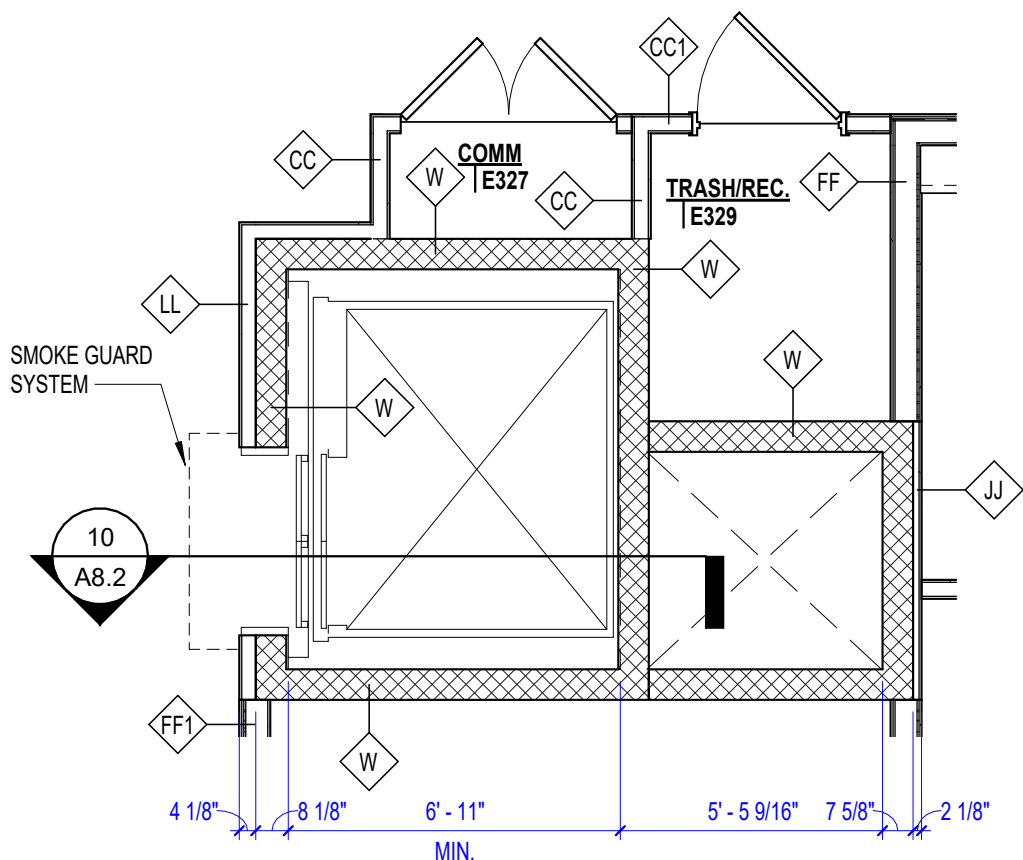
DESIGNER : DAS	DRAWN : DAS
ARCHITECT : DAS	CHECKED : CHK
ENGINEER : DES	APPROVED : APP
NO.	REVISION DESCRIPTION
2	Rev 1 - Permit Comments
	DATE
	02/15/24

DRAWING TITLE
STAIR PLANS & SECTIONS

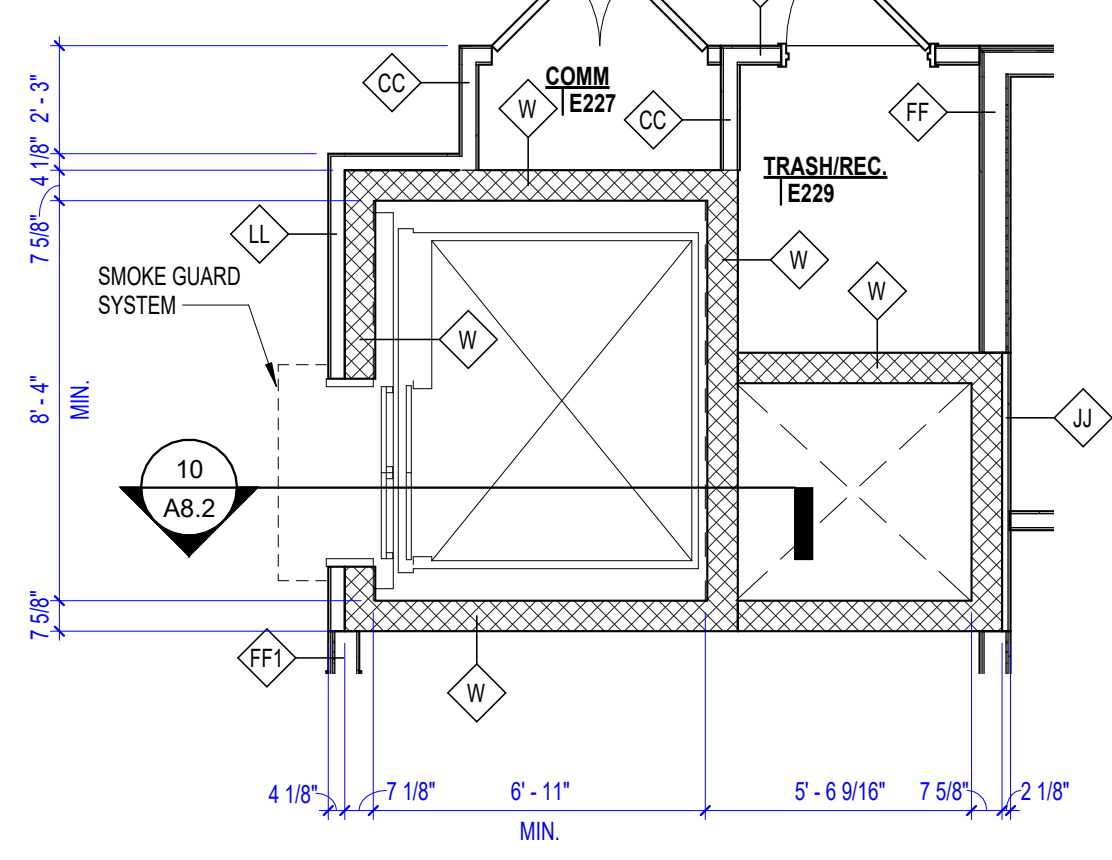
DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A8.1



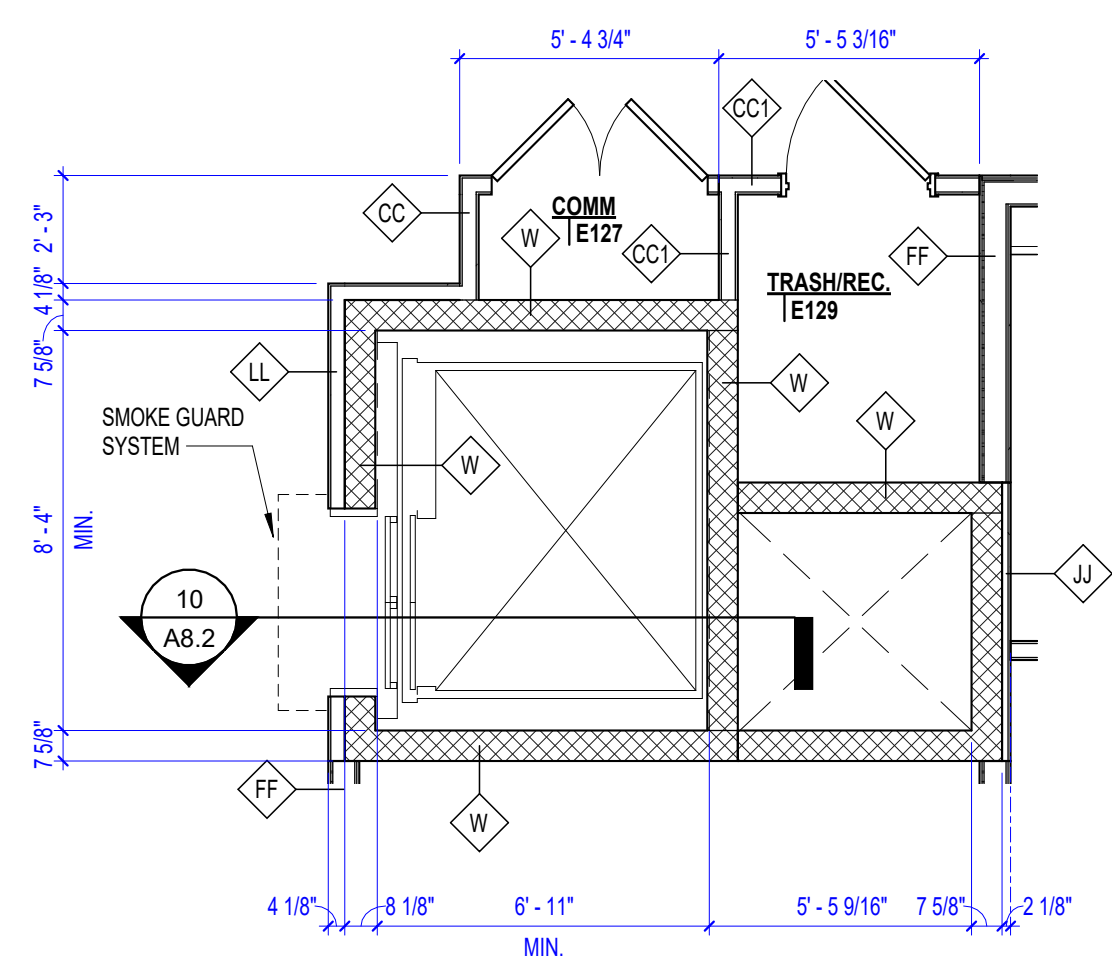
9 ELEV 2 - FOURTH FLOOR PLAN
1/4" = 1'-0"



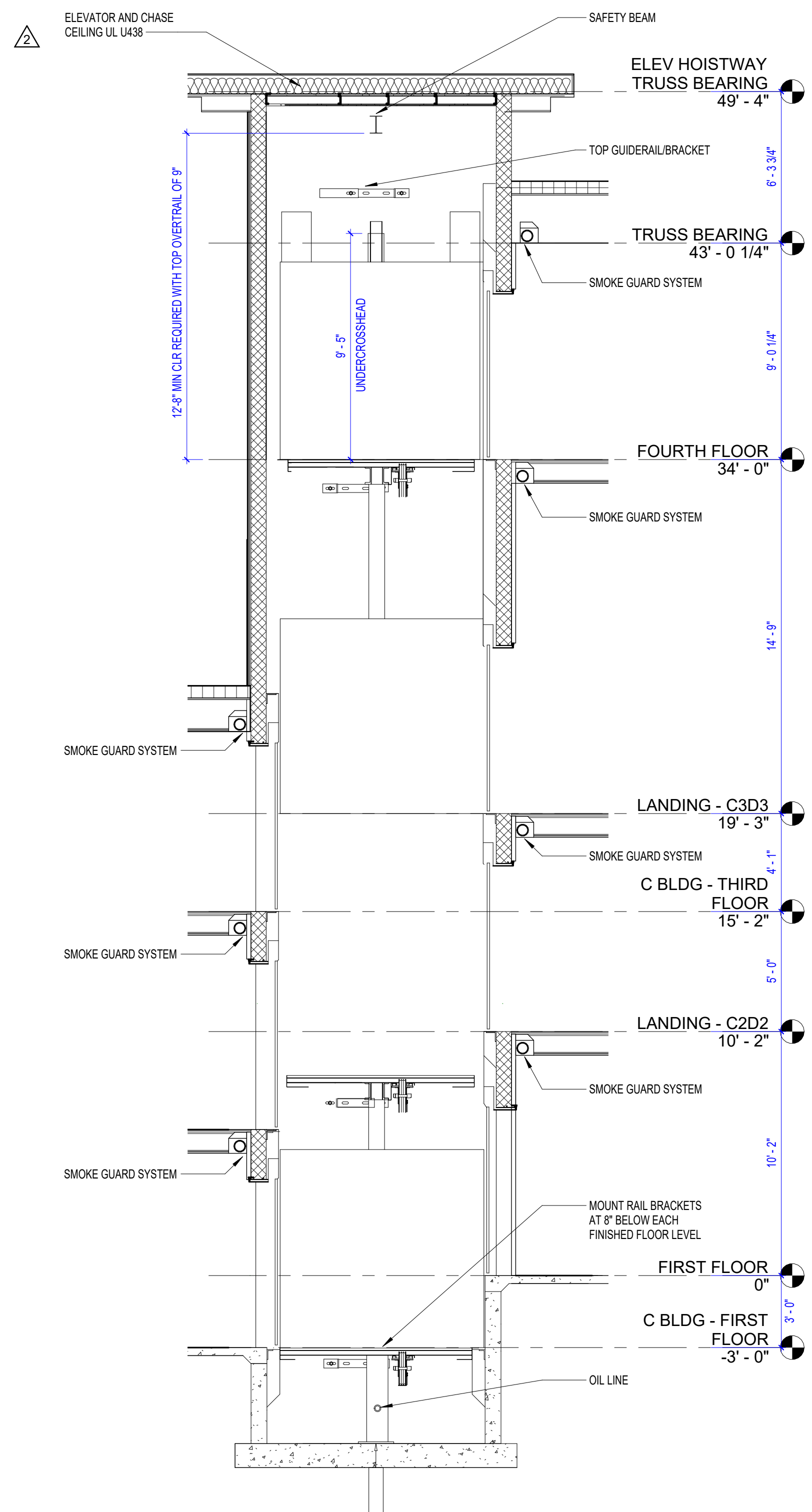
8 ELEV 2 - THIRD FLOOR PLAN
1/4" = 1'-0"



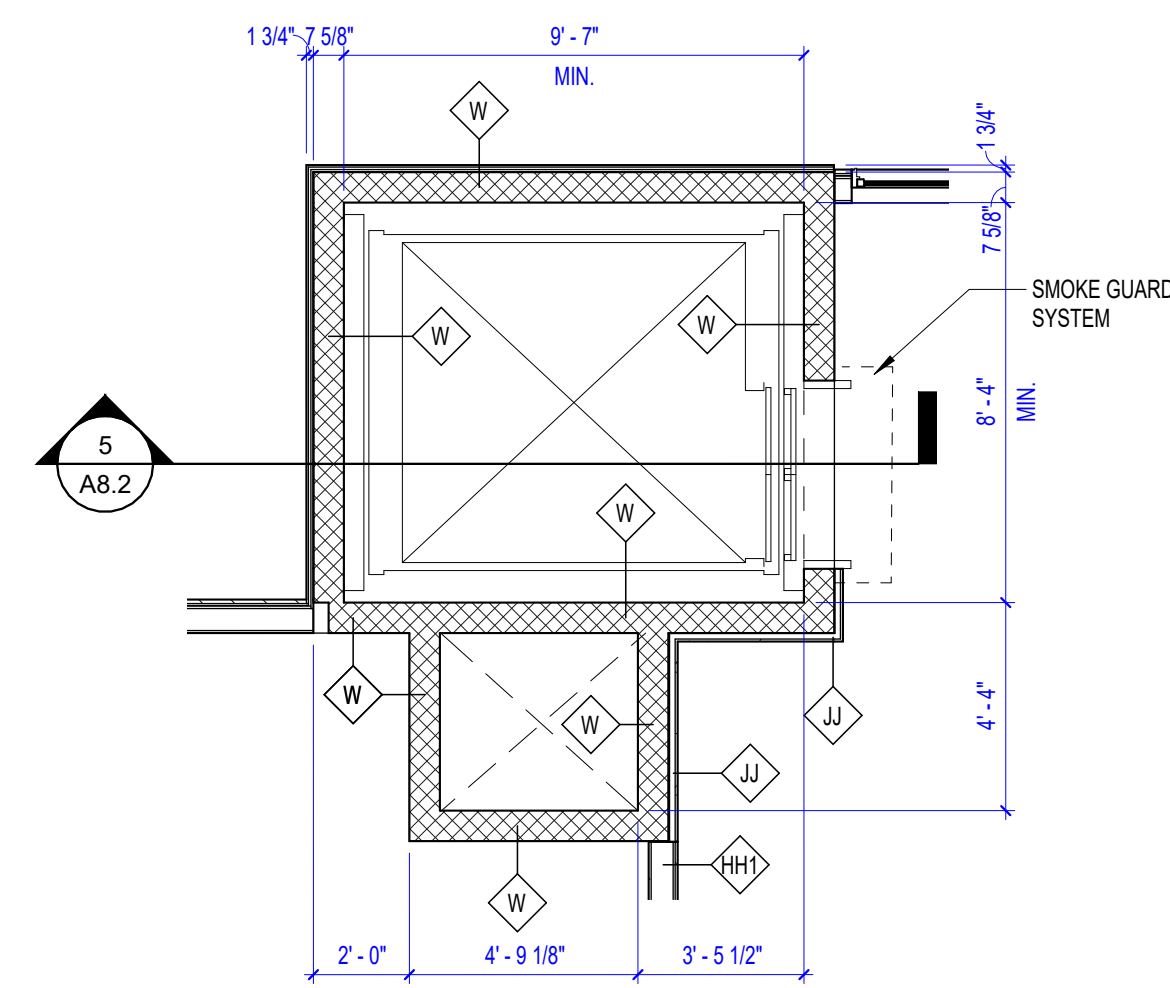
7 ELEV 2 - SECOND FLOOR PLAN
1/4" = 1'-0"



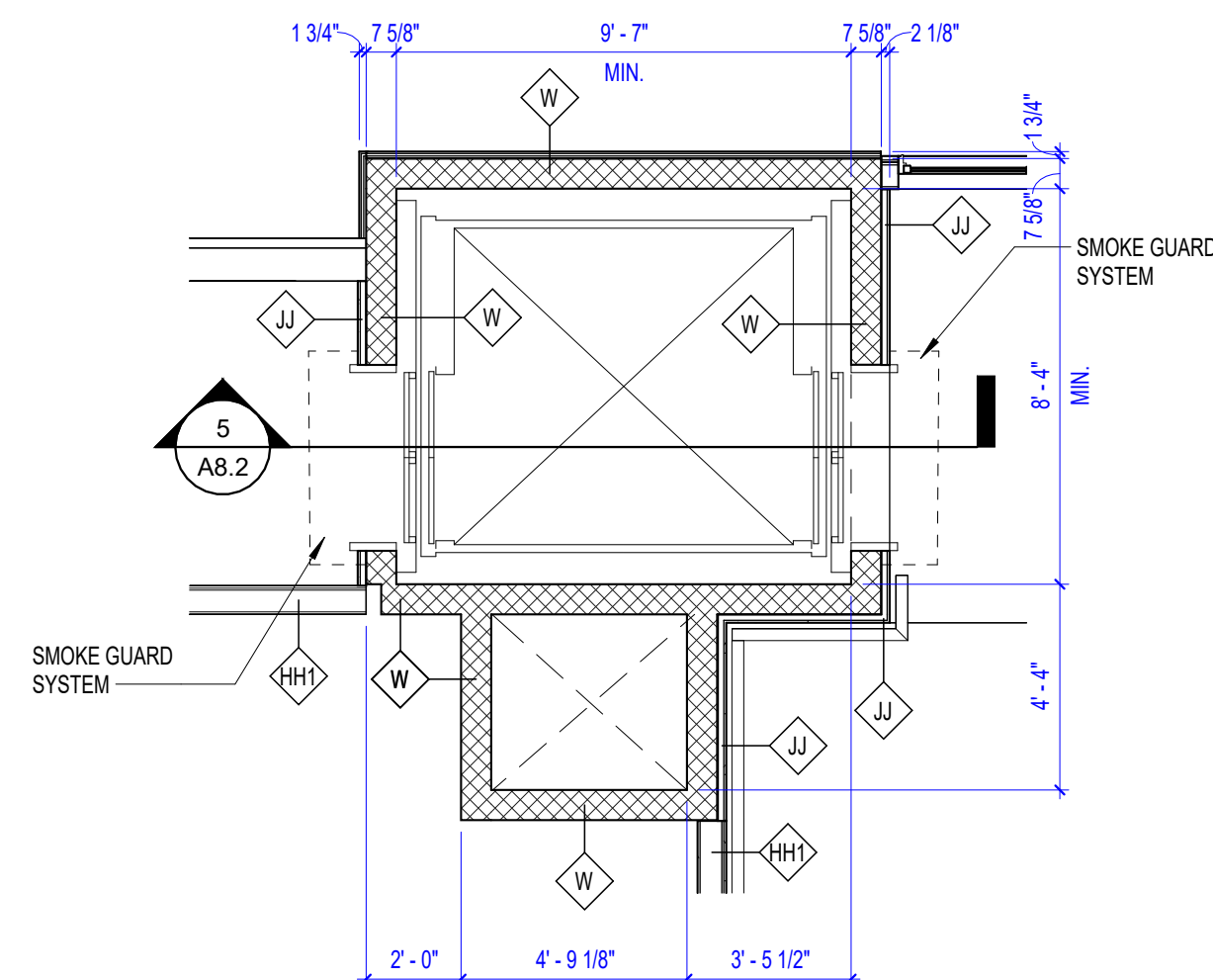
6 ELEV 2 - FIRST FLOOR PLAN
1/4" = 1'-0"



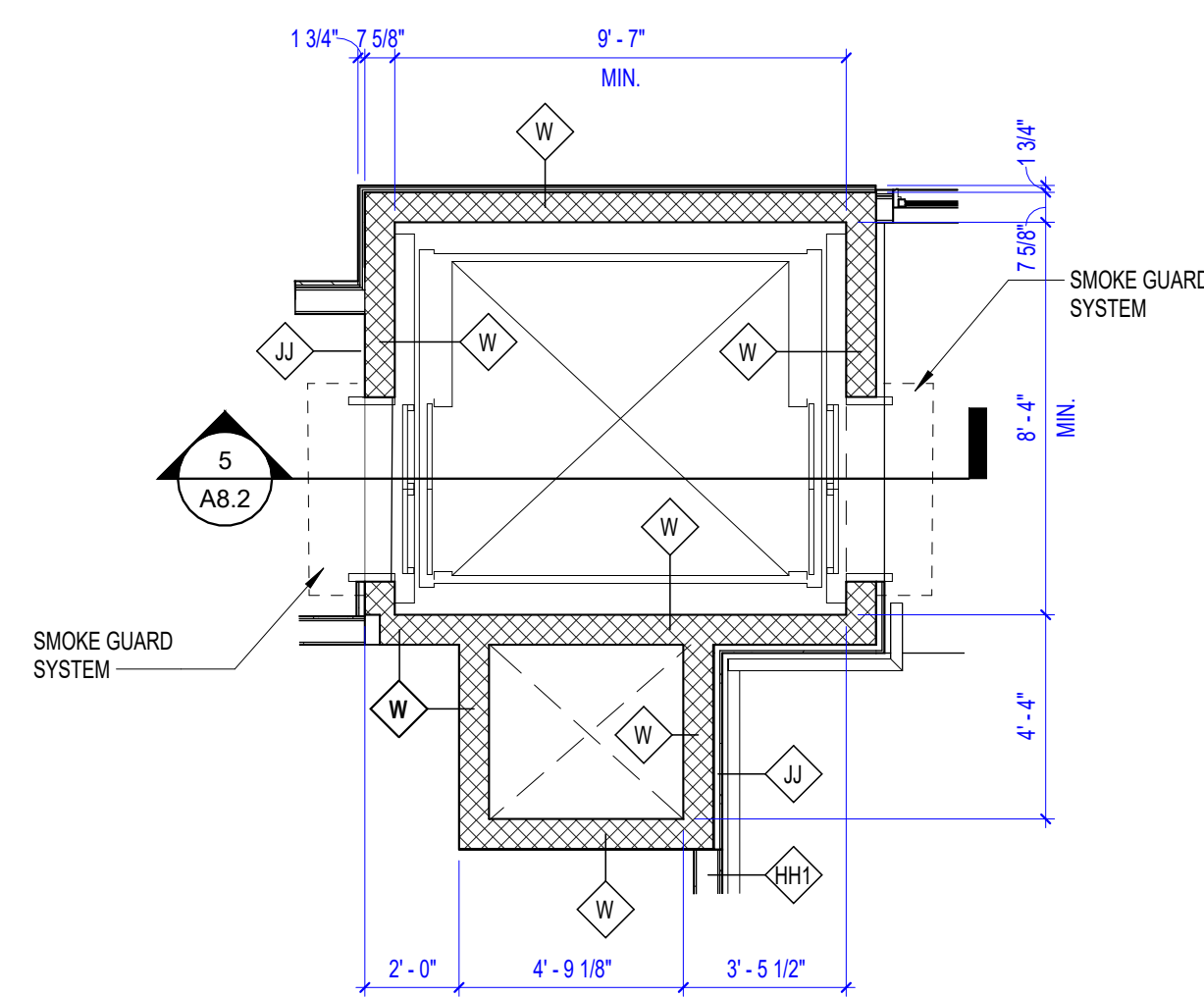
5 ELEV 1 - SECTION
1/4" = 1'-0"



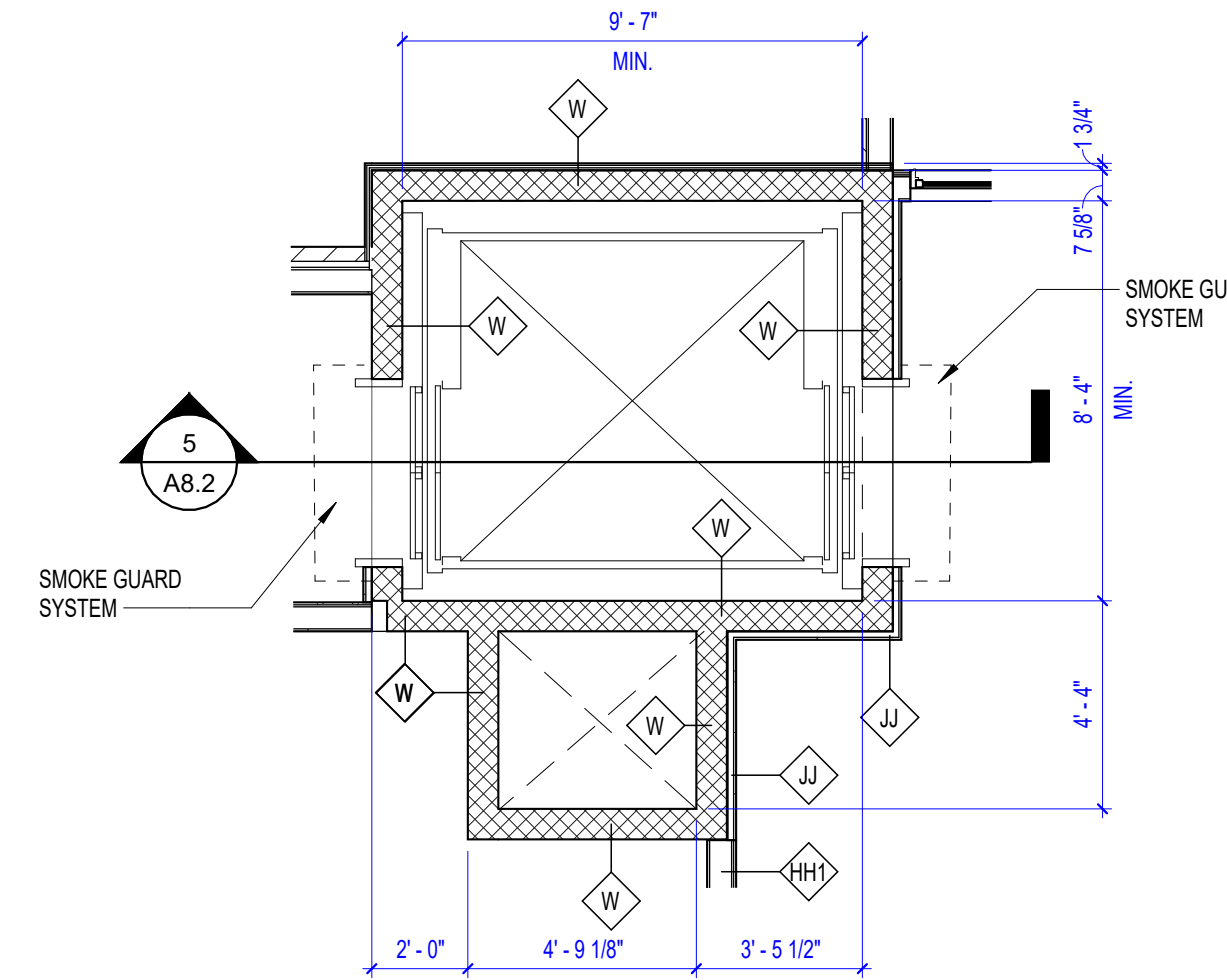
4 ELEV 1 - FOURTH FLOOR PLAN
1/4" = 1'-0"



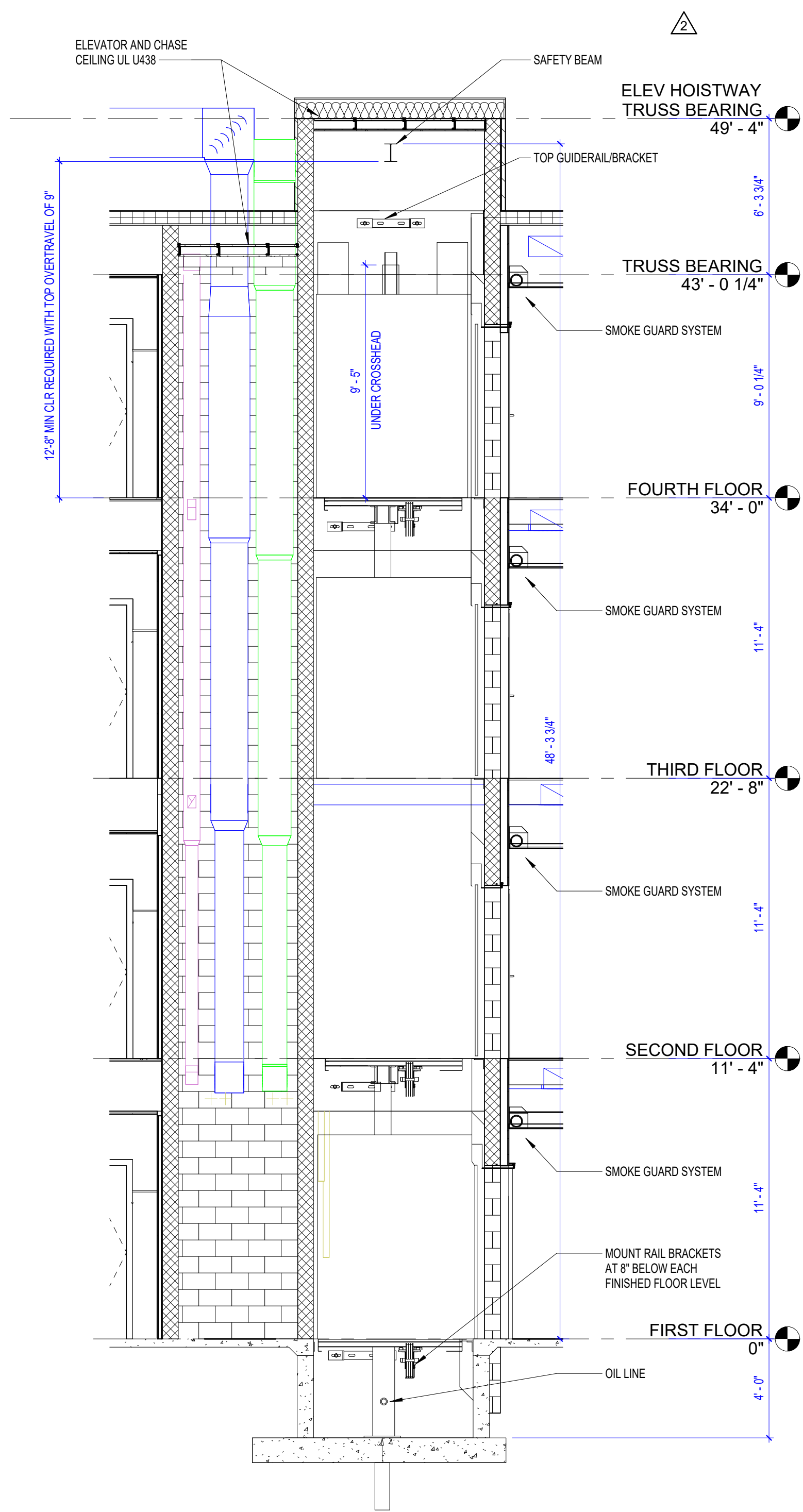
3 ELEV 1 - THIRD FLOOR PLAN
1/4" = 1'-0"



2 ELEV 1 - SECOND FLOOR PLAN
1/4" = 1'-0"



1 ELEV 1 - FIRST FLOOR PLAN
1/4" = 1'-0"



10 ELEV 2 - SECTION
1/4" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



COURTYARDS - BUILDING E

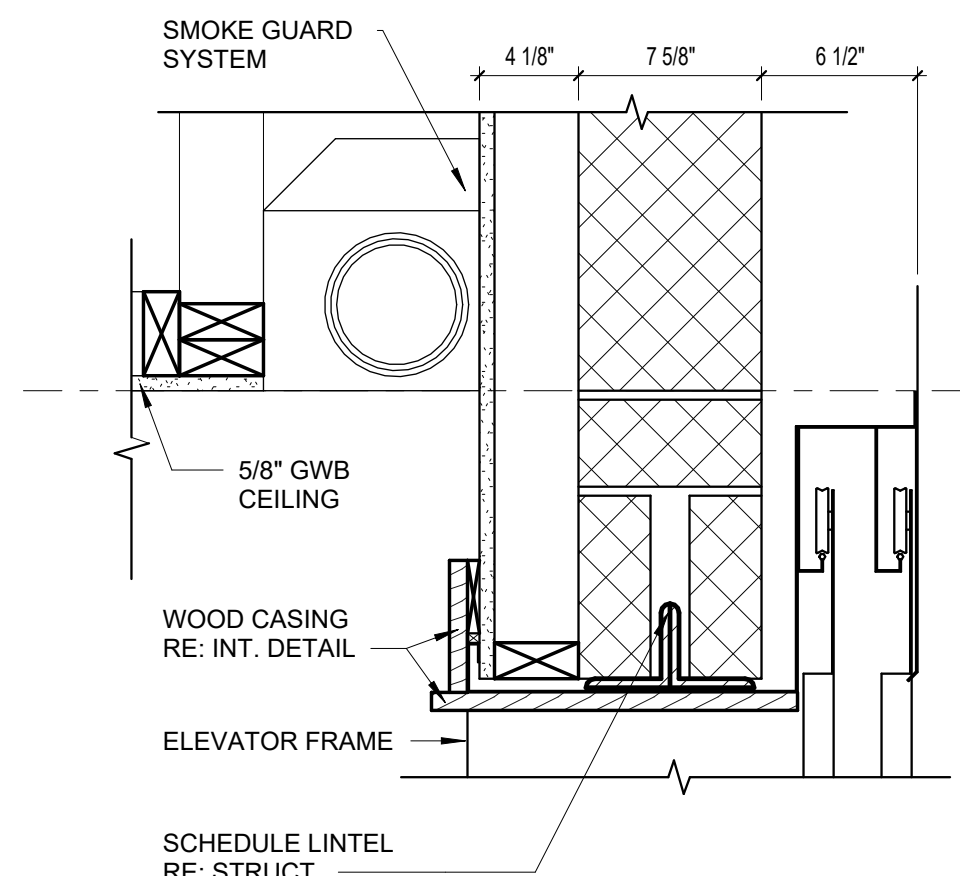
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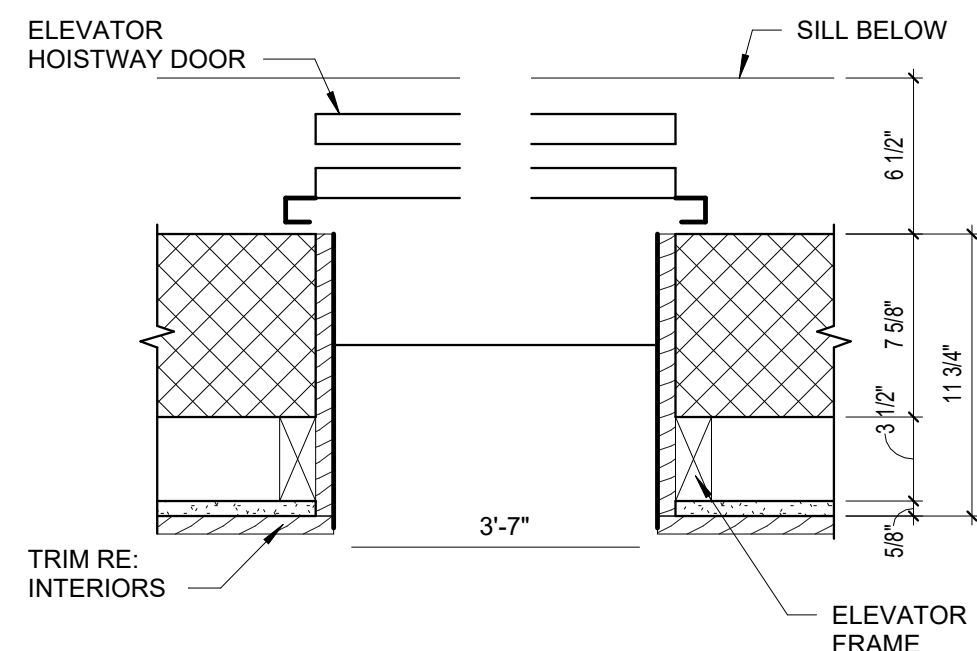
DESIGNER : DAS	DRAWN : DAS
ARCHITECT : DAS	CHECKED : AAT
ENGINEER : CRJ	APPROVED : CRJ
NO.	REVISION DESCRIPTION DATE
2	Rev 1 - Permit Comments 02/15/24

DRAWING TITLE
**ELEVATOR PLANS &
SECTIONS**

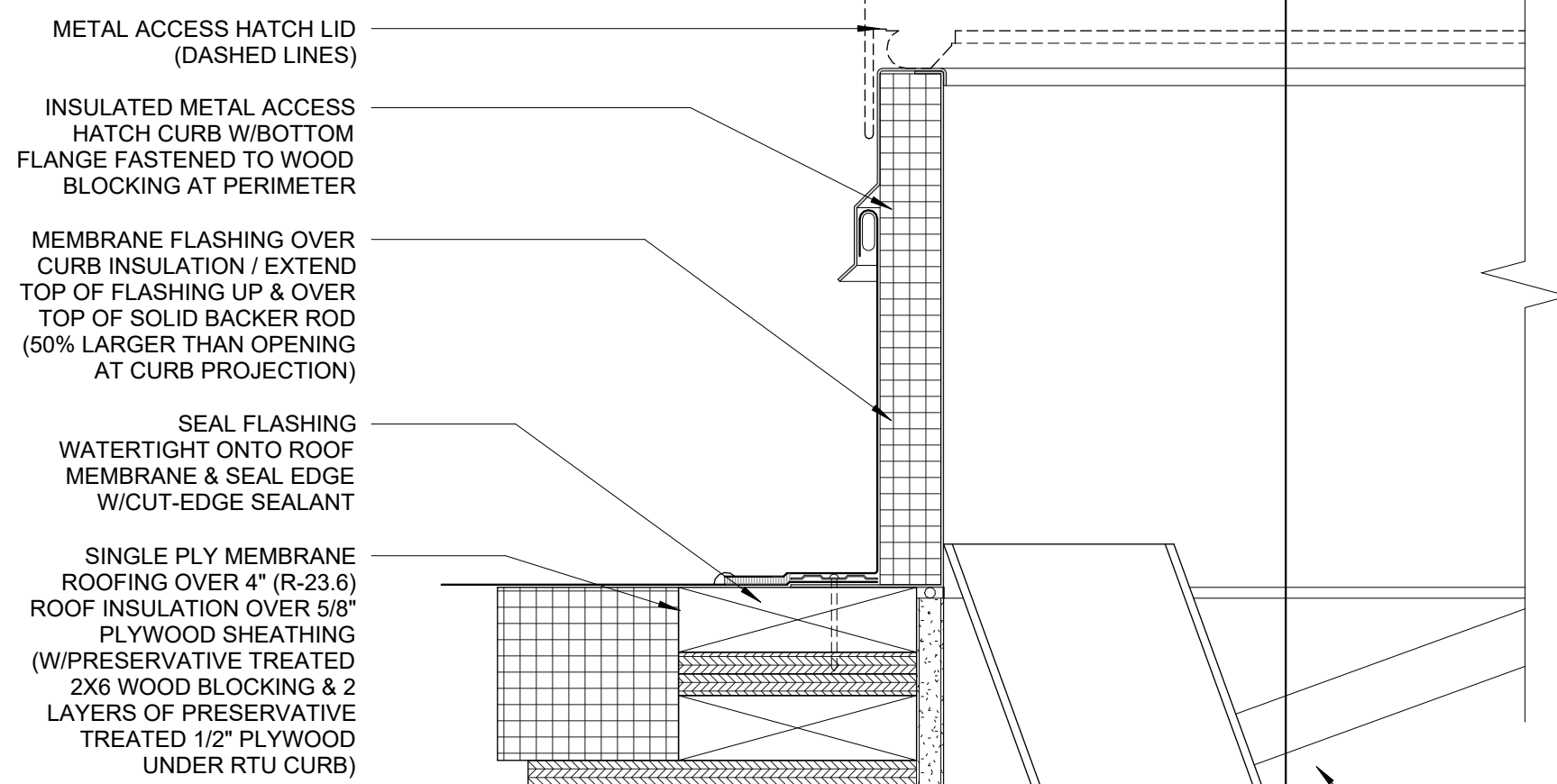
DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A8.2



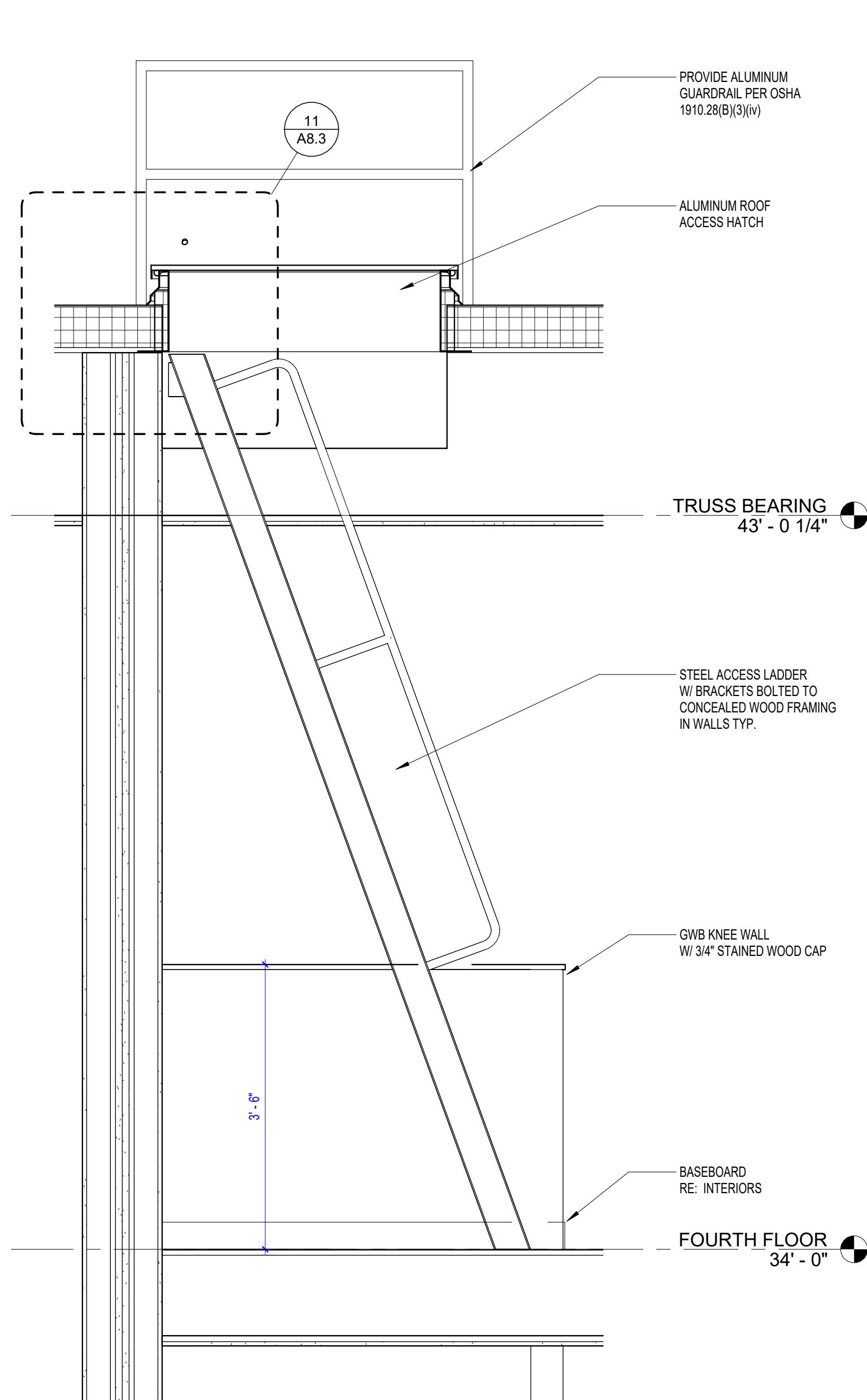
ELEVATOR SMOKE GUARD HEAD DETAIL
1 1/2" = 1'-0"



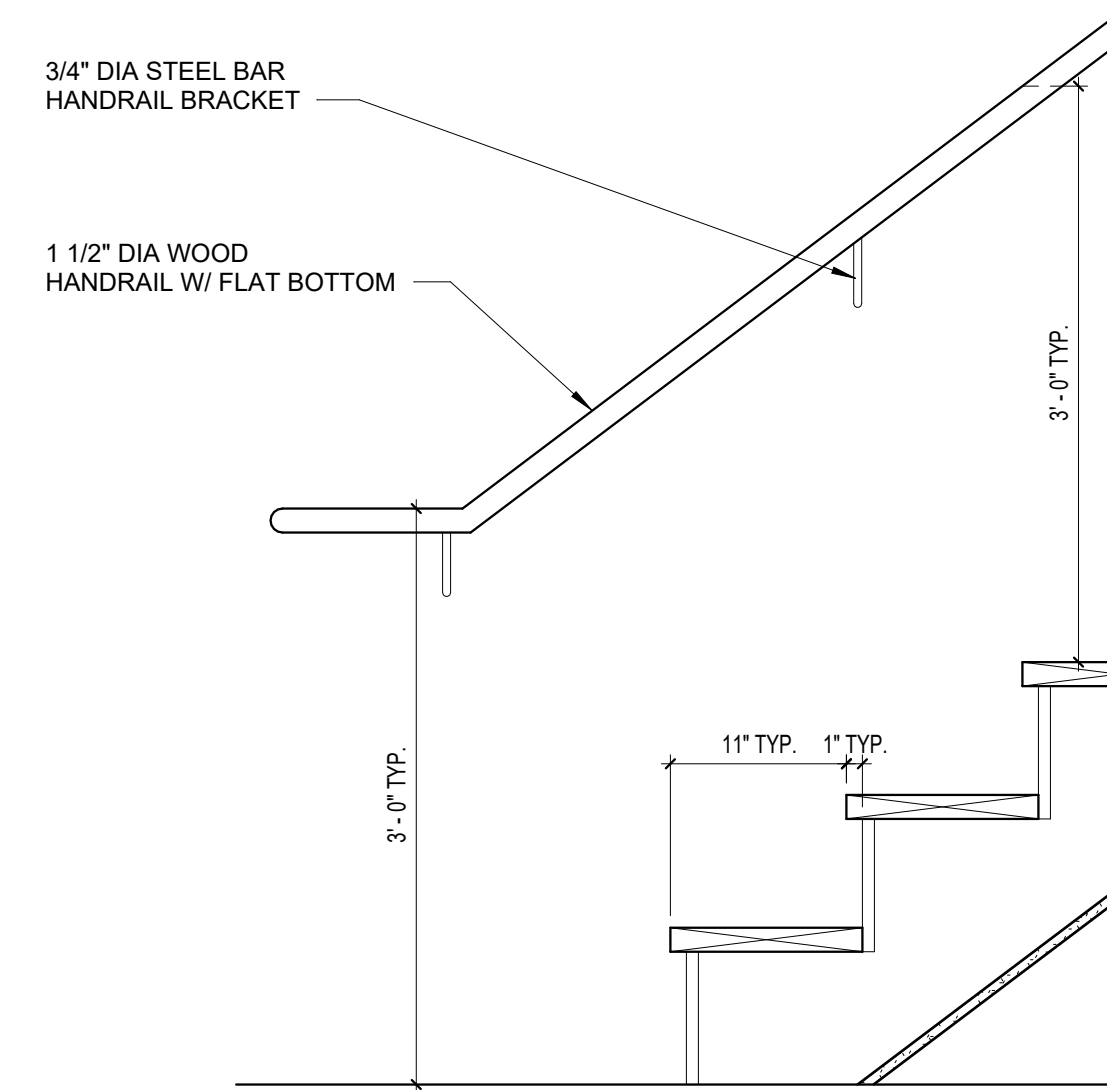
ELEVATOR JAMB DETAIL
1 1/2" = 1'-0"



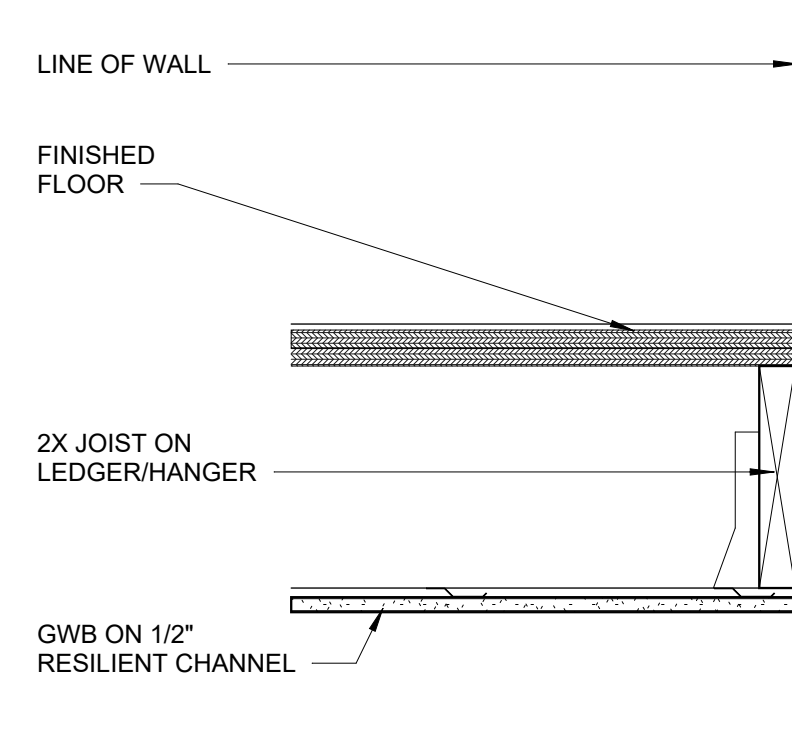
ROOF HATCH DETAIL
3" = 1'-0"



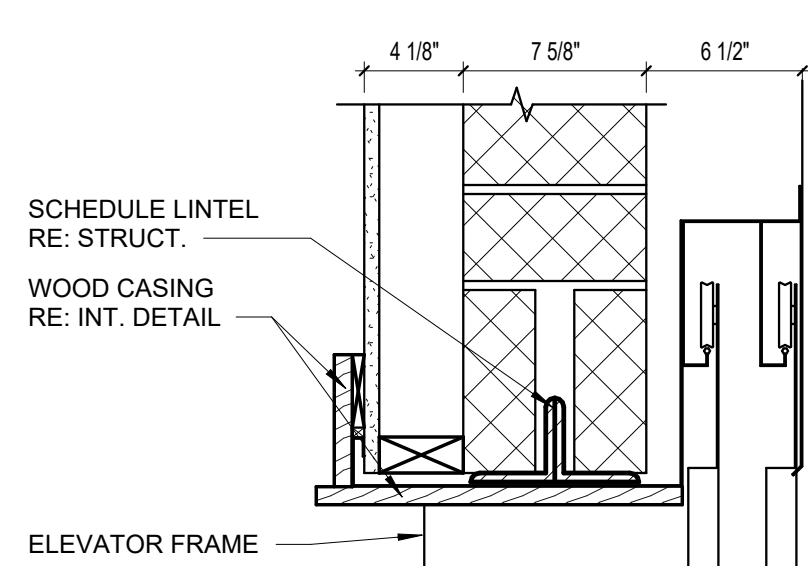
SHIP'S LADDER
3/4" = 1'-0"



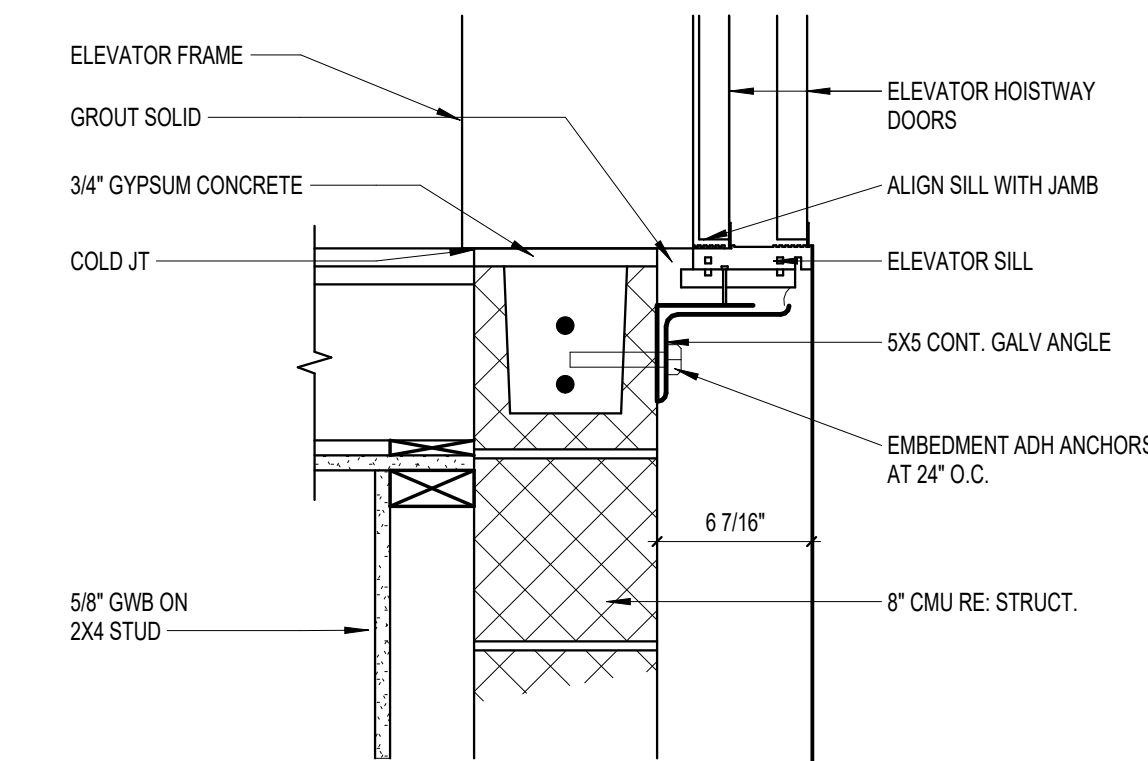
STAIR SECTION DETAIL
1" = 1'-0"



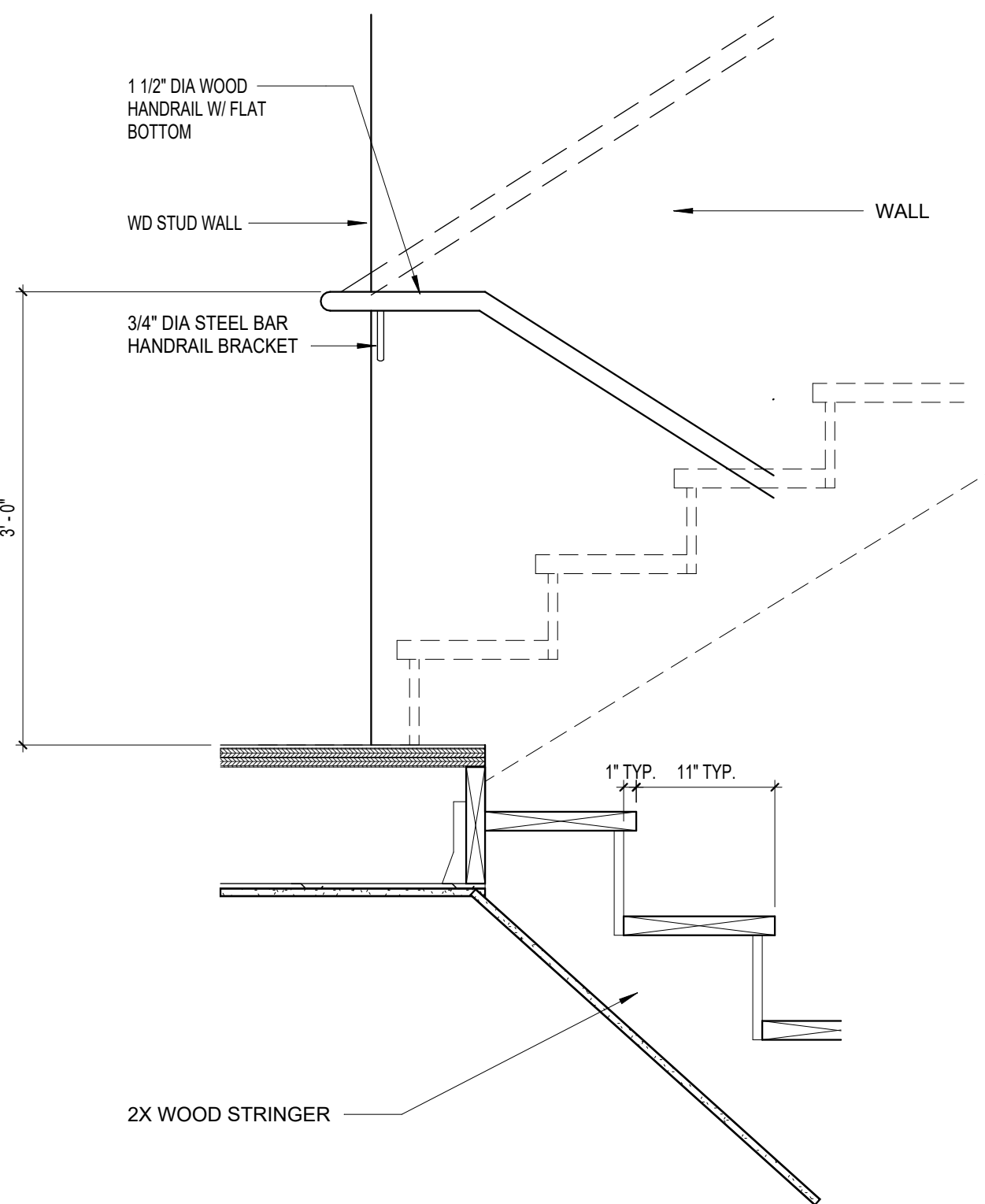
LANDING DETAIL
1 1/2" = 1'-0"



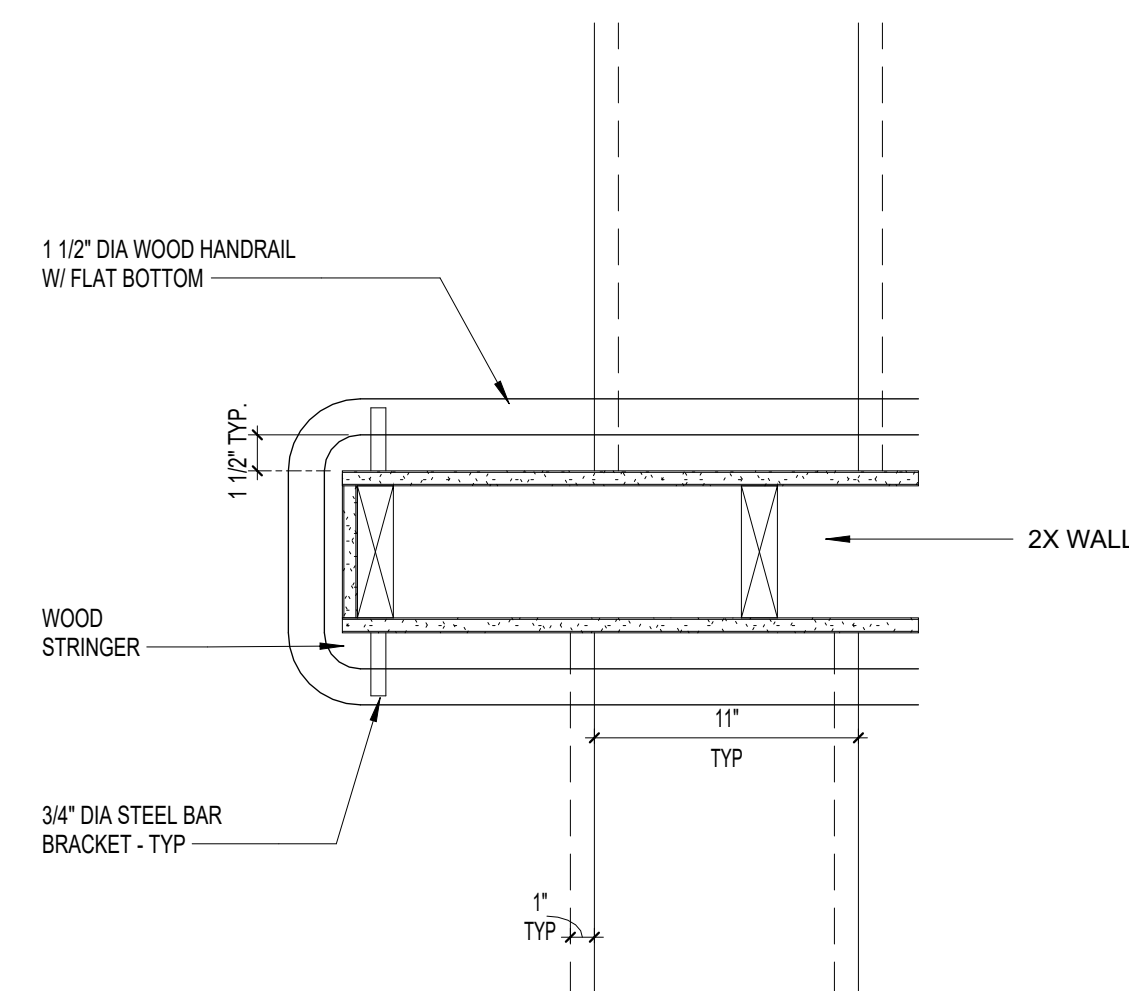
ELEVATOR HEAD DETAIL
1 1/2" = 1'-0"



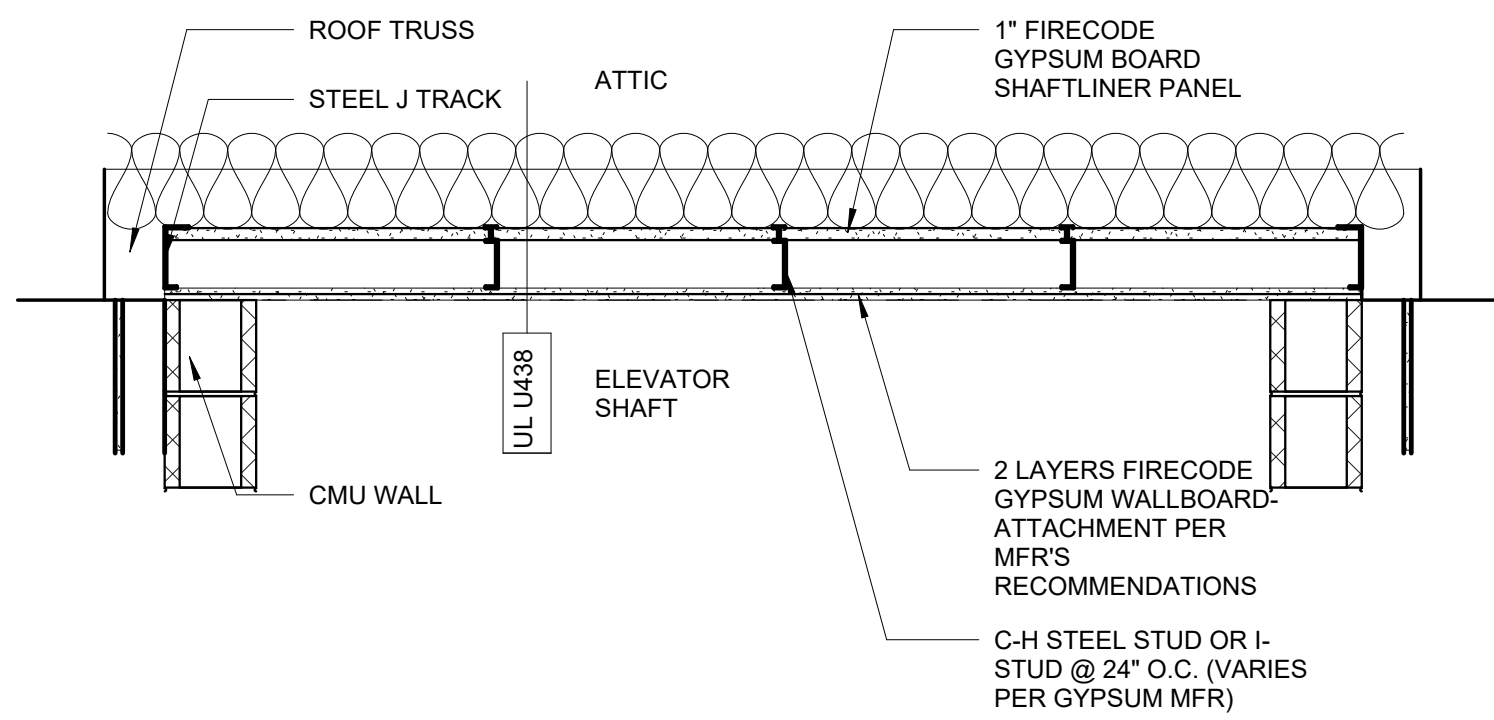
ELEVATOR SILL DETAIL
1 1/2" = 1'-0"



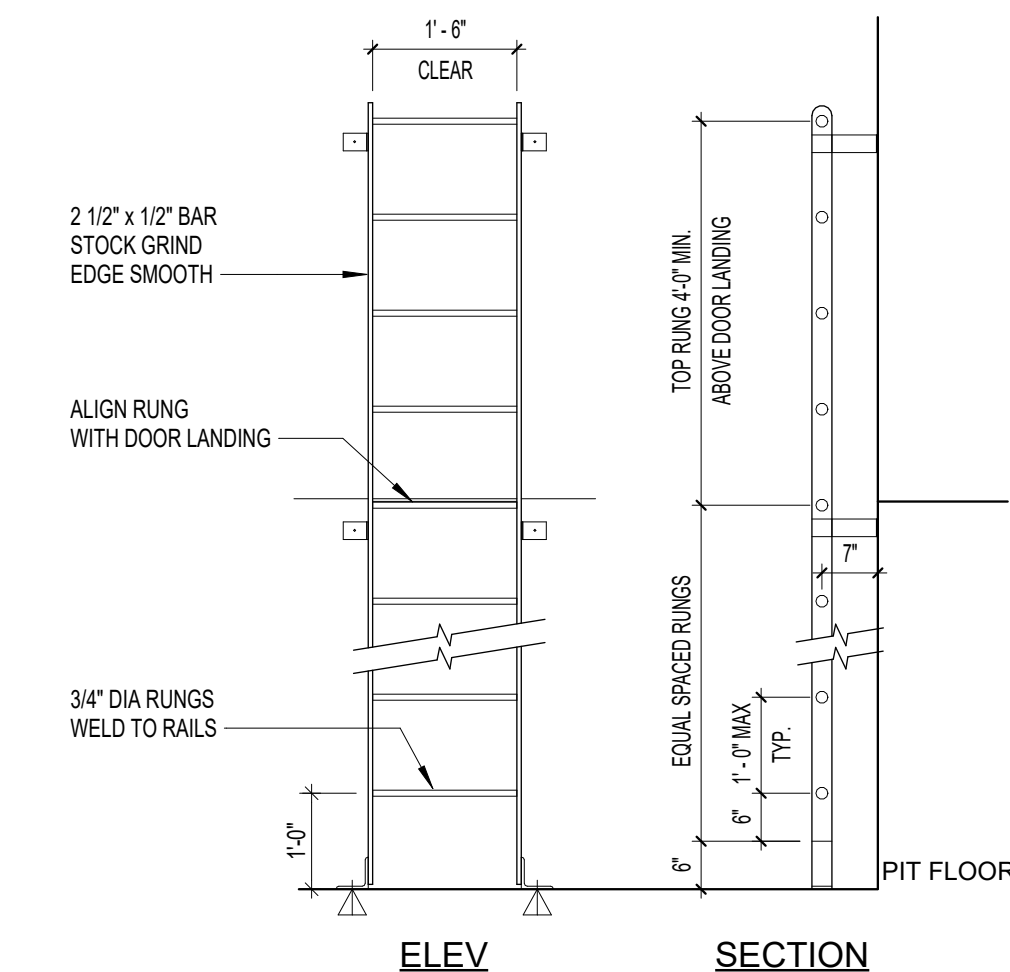
LANDING SECTION
1" = 1'-0"



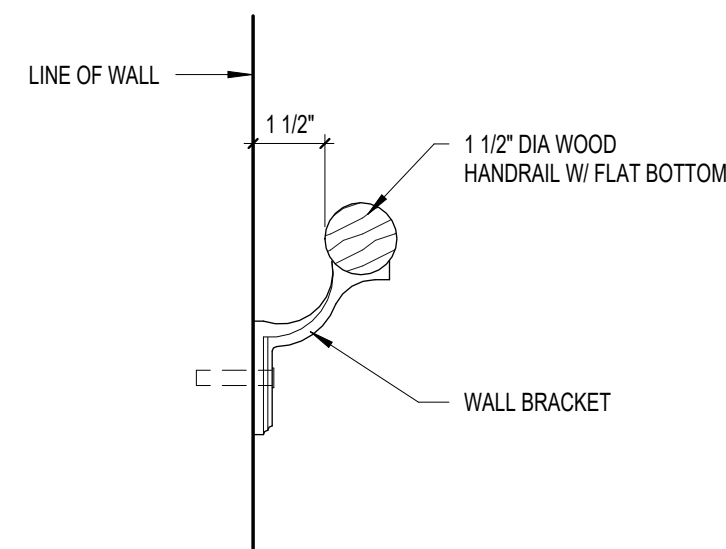
CENTER RAIL PLAN
1 1/2" = 1'-0"



DETAIL AT 2 HOUR SHAFT LID
3/4" = 1'-0"



PIT LADDER DETAIL
1/2" = 1'-0"

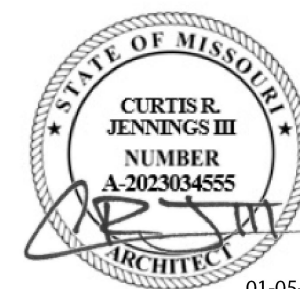


STAIR HANDRAIL DETAIL
3" = 1'-0"

GENERAL NOTES

NOTE 1: 1/2" GAP BETWEEN STRINGERS. GUARDRAILS SHALL BE MOUNTED ON STRINGER CENTERLINES. PROVIDE 1 1/2" CLEAR DIMENSION FROM HANDRAIL TO GUARDRAIL.

CONSTRUCTION SET



PROJECT TITLE



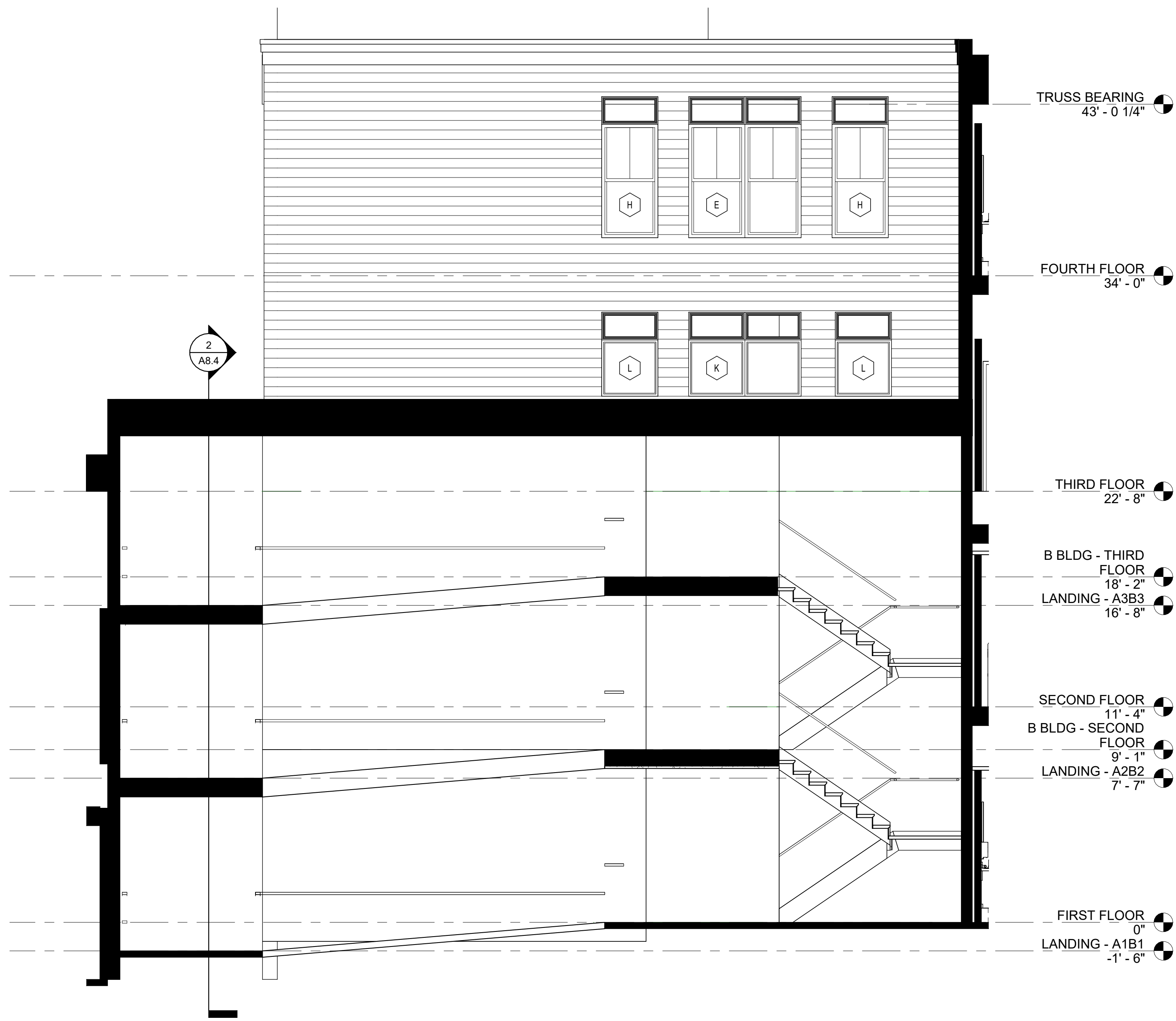
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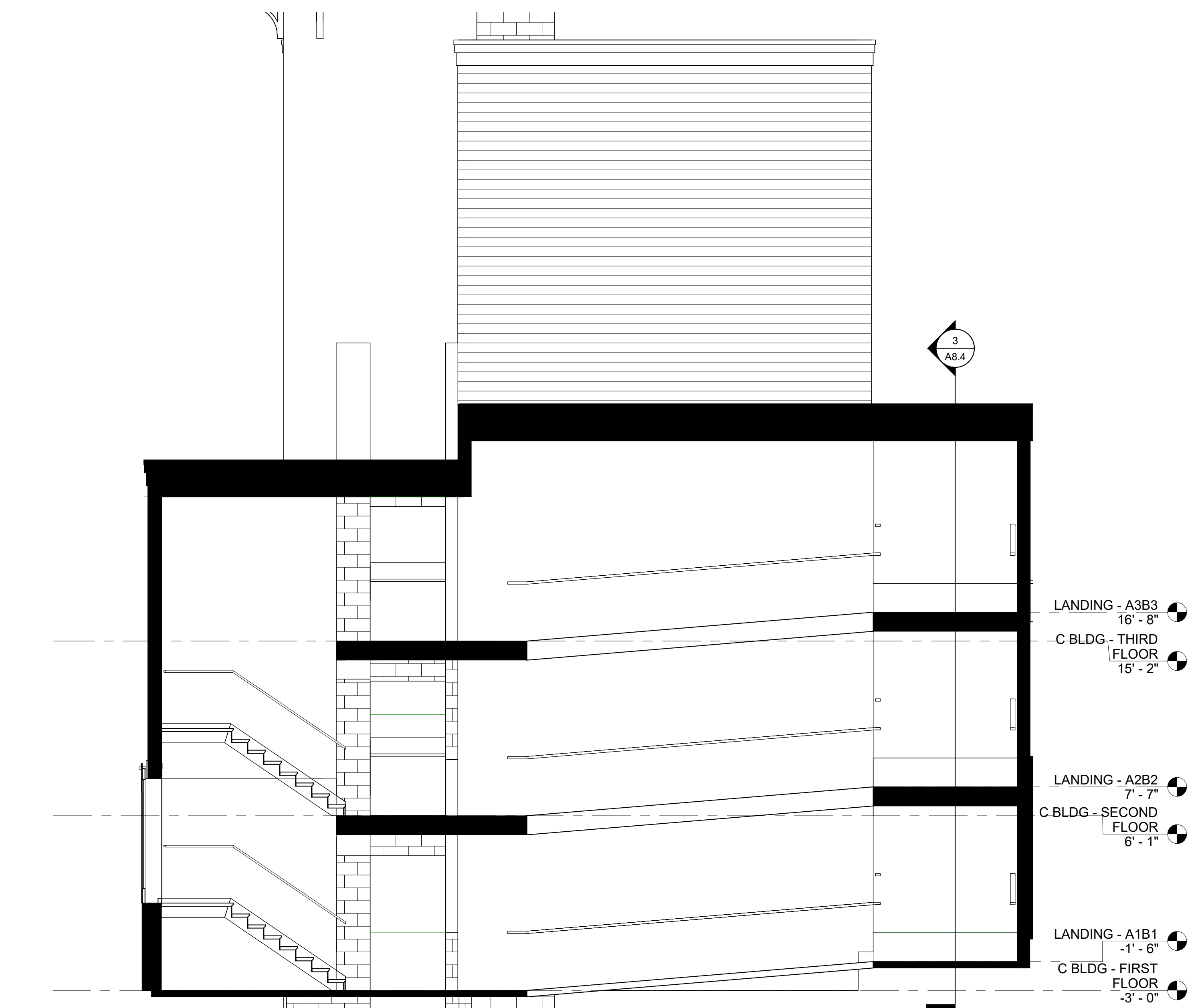
DESIGNER : DAS	DRAWN : DAS	
ARCHITECT : DAS	CHECKED : AAT	
ENGINEER :	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE
2	Rev 1 - Permit Comments	02/15/24

DRAWING TITLE
STAIR & ELEVATOR DETAILS

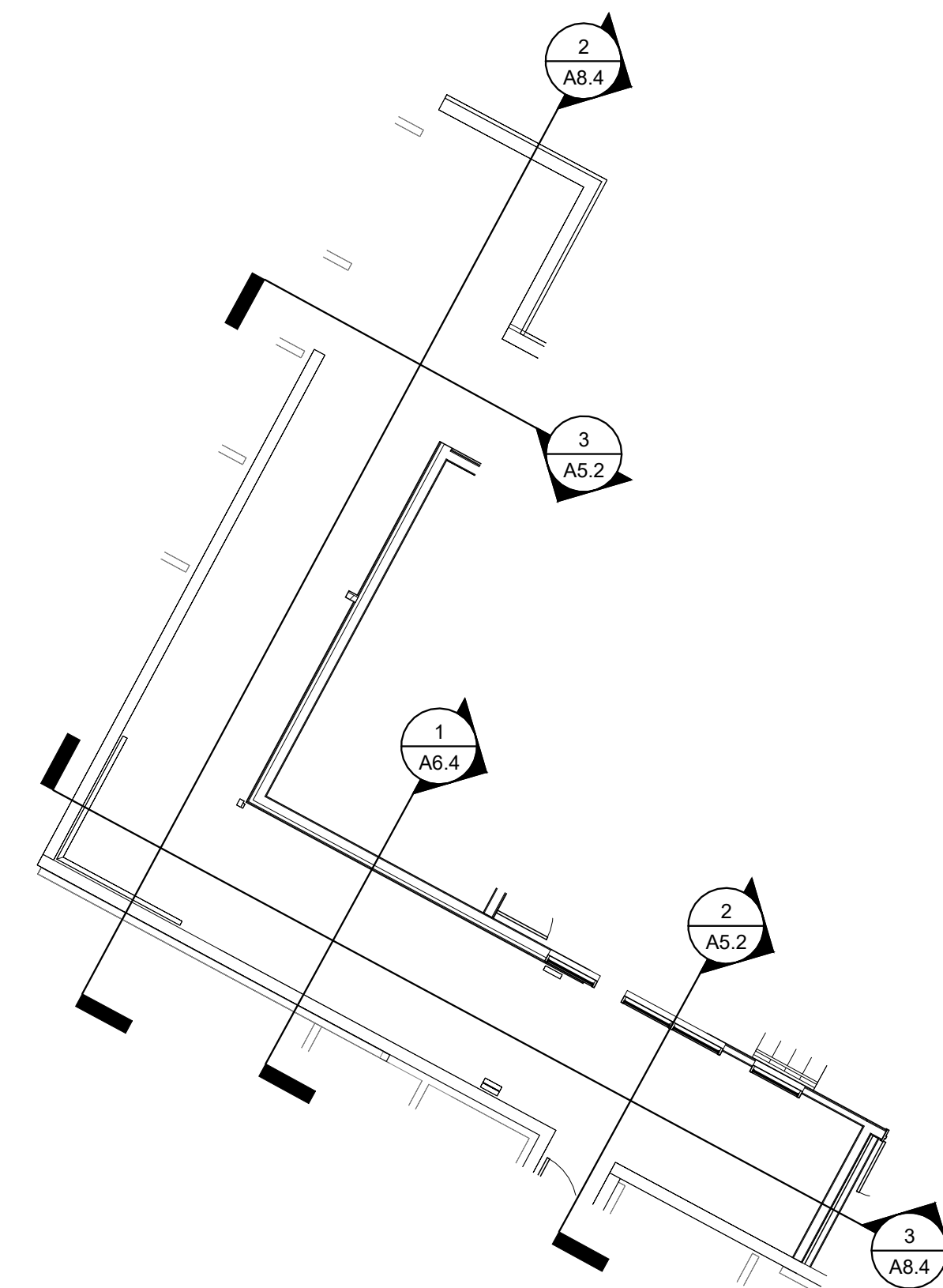
DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A8.3



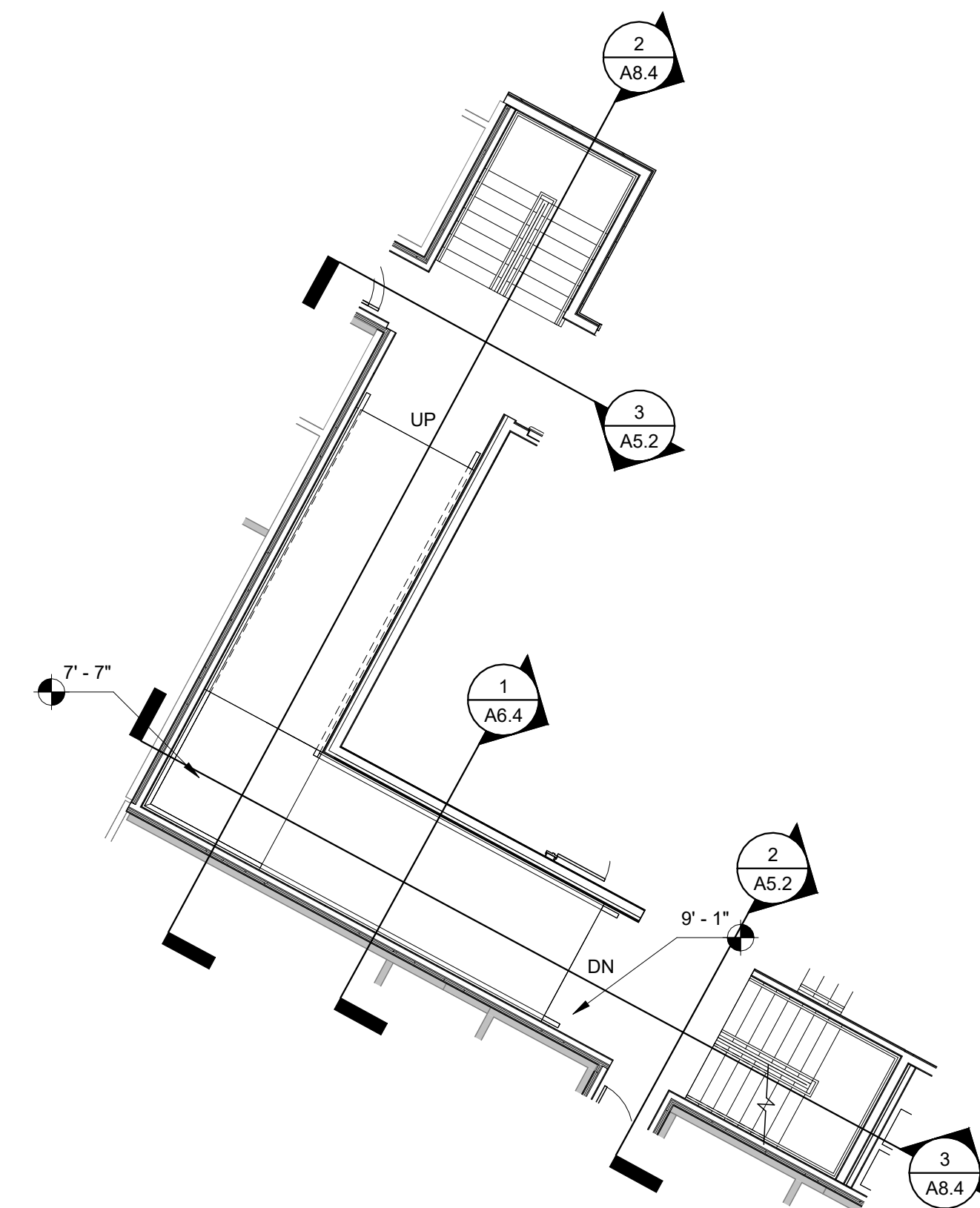
3 RAMPS - B
1/4" = 1'-0"



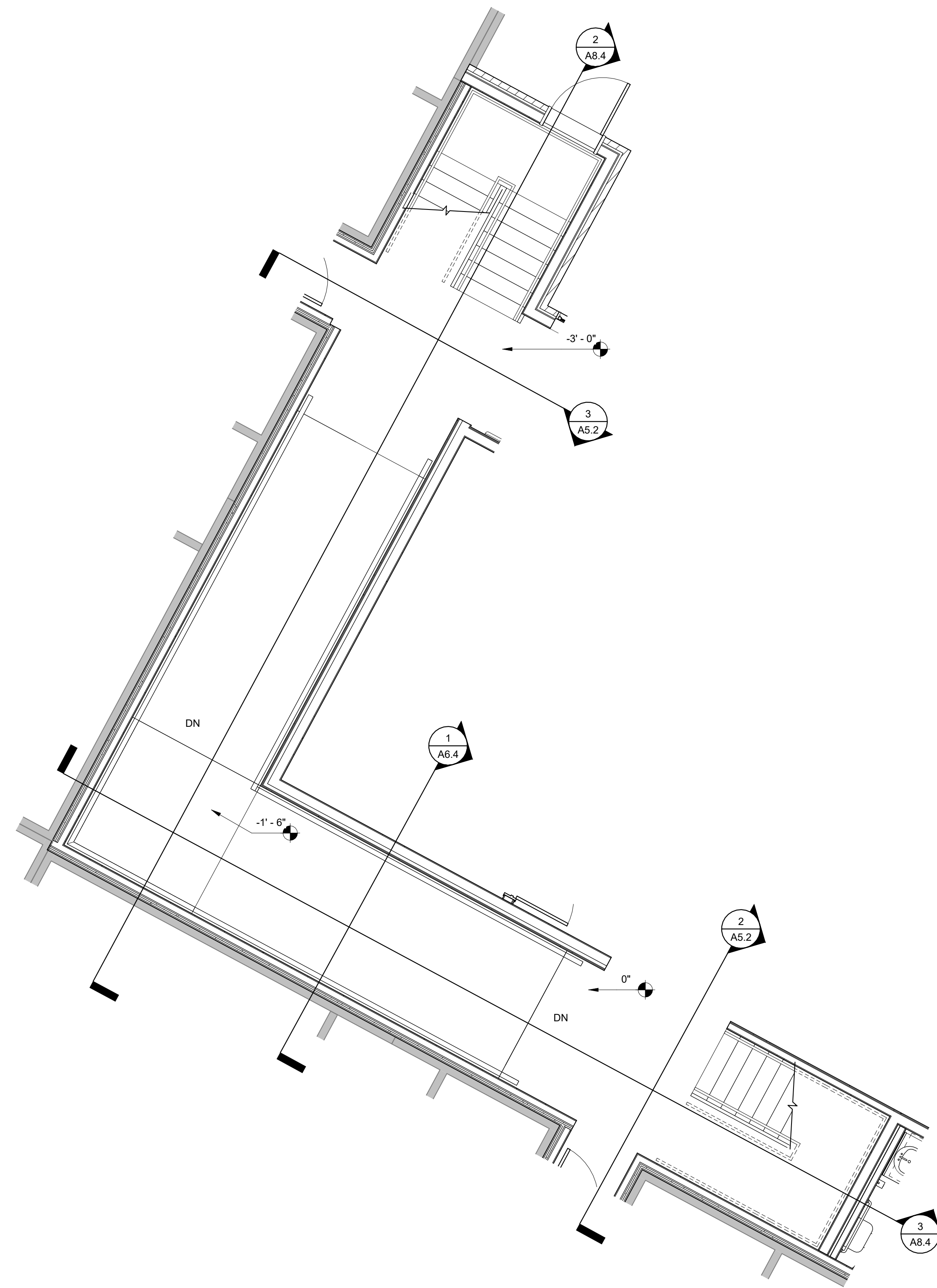
2 RAMPS - A
1/4" = 1'-0"



5 ATRIUM - RAMPS A & B - THIRD FLOOR
1/8" = 1'-0"



4 ATRIUM - RAMPS A & B - SECOND FLOOR
1/8" = 1'-0"



1 ATRIUM - RAMPS A & B - FIRST FLOOR
1/4" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



COURTYARDS - BUILDING E

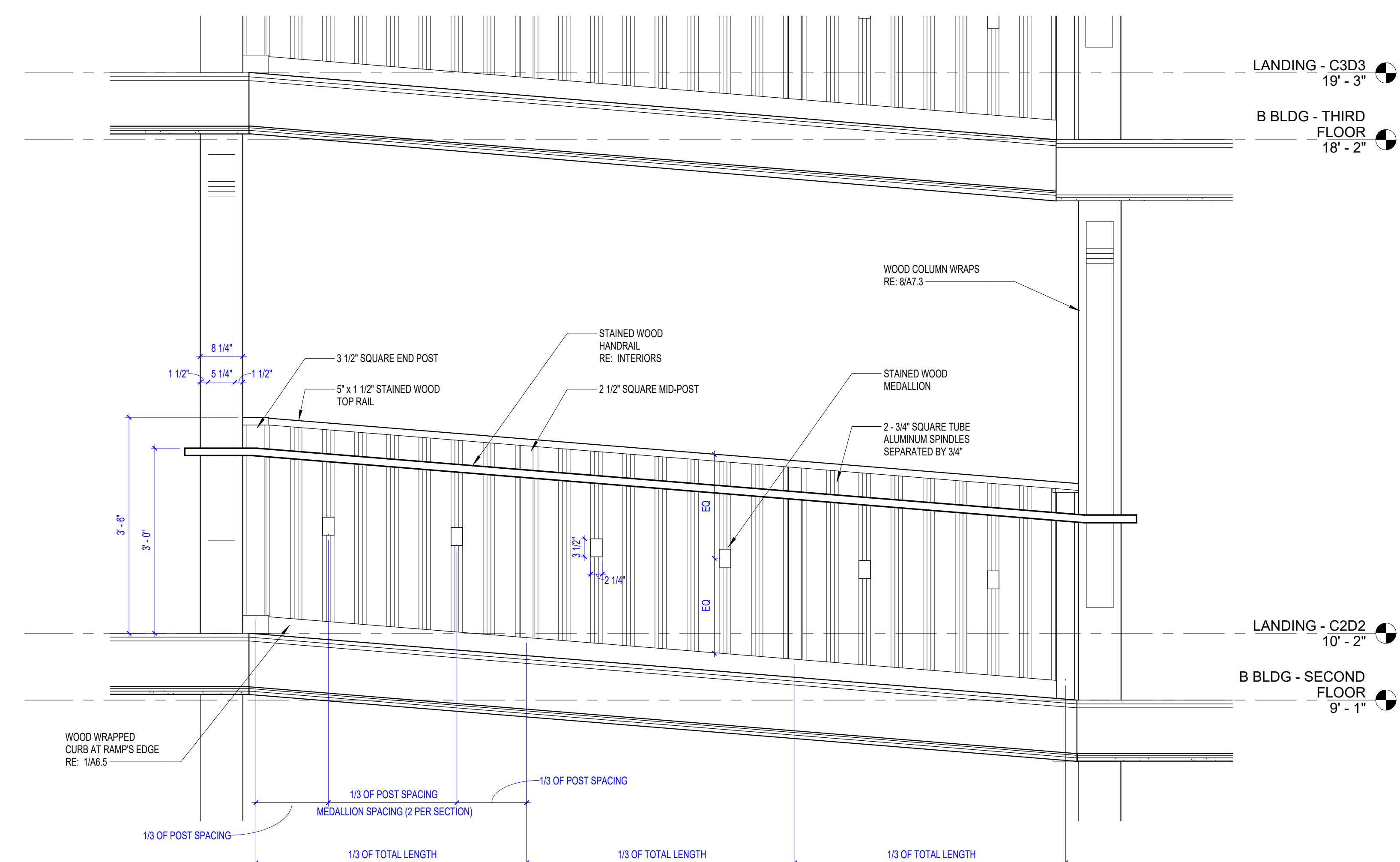
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ARCHITECT : DAS	CHECKED : AAT	
ENGINEER :	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE

DRAWING TITLE
RAMPS A & B

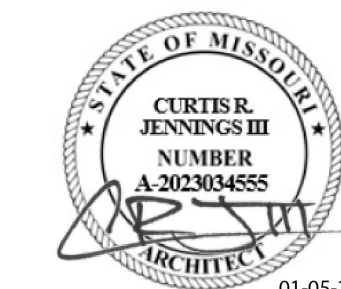
DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	A8.4



1 TYPICAL RAILING SECTION
3/4" = 1'-0"

$3/4" = 1'-0"$

CONSTRUCTION SET



PROJECT TITLE



COURTYARDS - BUILDING E

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ENGINEER :	APPROVED : CRJ
NO.	REVISION DESCRIPTION

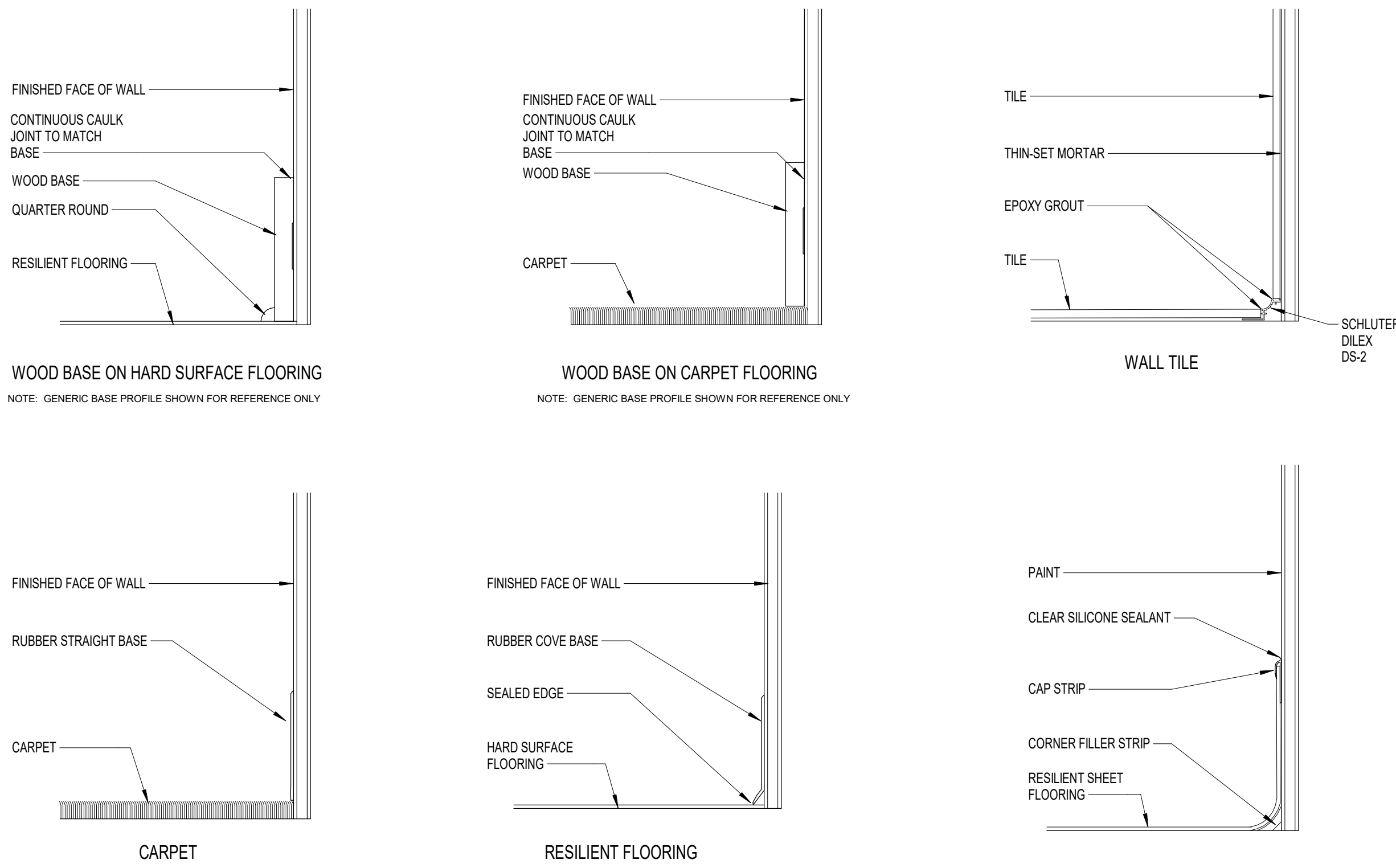
DRAWING TITLE

DRAWING TITLE
ATRIUM DETAILS

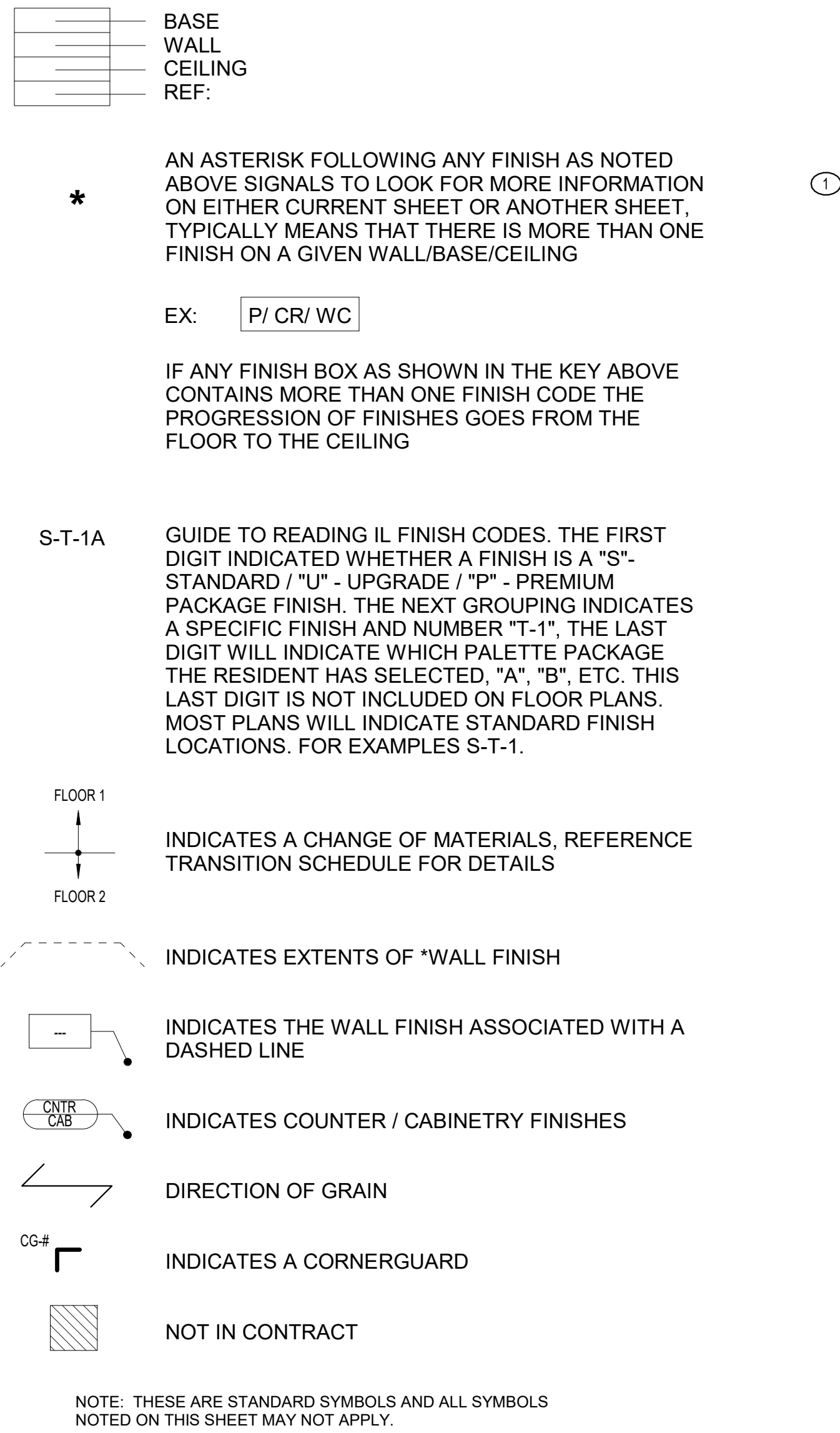
DATE:	January 5, 2024	DRAWING A8.5
COMM. NO.	23104.00	

A8.5

FLOOR BASE DETAILS



FINISH KEY PLAN



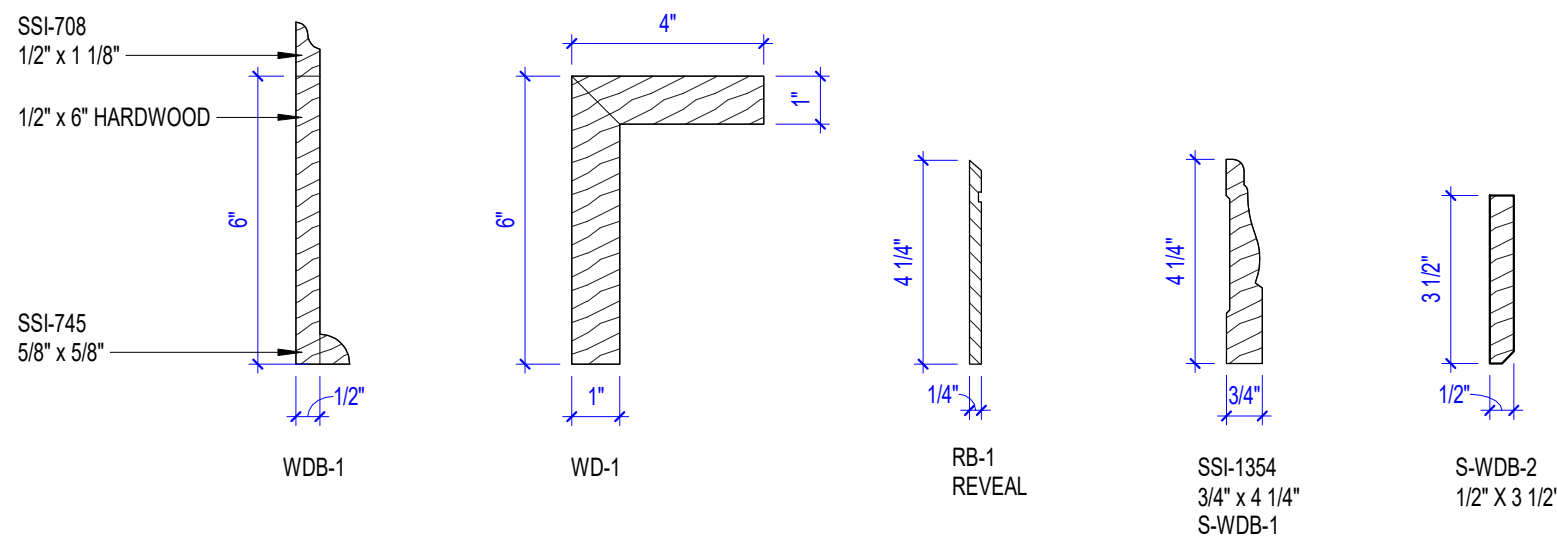
INTERIOR ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE
ADJ	ADJUSTABLE
AP	ACOUSTICAL PANEL
B	BLINDS
BAR	BALLET BARRE
BB	BEADBOARD
BOH	BACK OF HOUSE
BQ	BANQUETTE
BR	BRICK
CAB	WOOD CUSTOM CABINET
CAS	RESIDENTIAL CASEWORK
CC	CUBICLE CURTAIN
CG	CORNER GUARD
CM	CULTURED MARBLE
CMP	TOILET COMPARTMENT
CONT.	CONTINUOUS/CONTINUED
CORR.	CORRIDOR
CPT	CARPET
CR	CHAIR RAIL
CRM	CROWN MOULDING
CT	CURTAIN
DM	DECORATIVE METAL
DP	DEEP
DS	DIVIDER STRIP
EFS	ENTRY FLOOR SYSTEM
EQ	EQUAL / EQUIPMENT
EVS	ELEVATOR FINISH
EXIST	EXISTING
F	FILLER
FE	FINISHED END
FL	FLOOR
FRP	FIBER REINFORCED PANEL
FWP	FABRIC WRAPPED PANEL
G	GROUT
GF	GLASS FILM
GR	GRANITE
GL	GLASS
HP	HARDIE PLANK
HR	HAND RAIL
HRD	DOOR HARDWARE
HT	HEIGHT
HW	CABINET HARDWARE
ID	INTERIOR DESIGN
INT	INTERIOR
LL	LOWER LEVEL
LOC	LOCKER
LR	LEAN RAIL
MI	MIRROR
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PAR	PARTITION
PATN	PATTERN
PL	PLASTIC LAMINATE
PLAM	PLASTIC LAMINATE
PNTD	PAINTED
P	PAINT
QZ	QUARTZ
RB	RUBBER BASE
RBT	RUBBER STAIR TREAD
REF	REFERENCE
RES	RESINOUS FLOORING
RF	RESILIENT FLOORING
RM	ROOM
RS	ROLLER SHADE
RUB	RUBBER FLOORING
SC	SEALED CONCRETE
SCHED	SCHEDULED
SH	SHOWER CURTAIN
SN	STONE
SP	SPECIALITY WALL PANEL
SPEC	SPECIFICATION
SS	SOLID SURFACE
ST / STND	STAIN
STD	STANDARD
STC	STAINED CONCRETE
STR	STAIR RISER
STS	STAIR STRETCHER
T	TILE
TBD	TO BE DETERMINED
TR	TOILET ROOM
TRM	TRIM
TYP	TYPICAL
TZ	TERRAZZO
TZB	TERRAZZO BASE
UNO	UNLESS NOTED OTHERWISE
W/	WITH
WDB	WOOD BASE
WDF	WOOD FLOORING
WC	WALL COVERING
WD	WOOD TRIM
WDC	WOOD CEILING
WOC	WALK OFF CARPET
W/O	WITHOUT
WP	WALL PROTECTION
WT	WINDOW TREATMENT

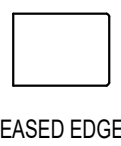
GENERAL ID NOTES

- REFER TO FINISH LEGEND FOR MATERIAL SPECIFICATIONS.
- REFER TO FINISH PLANS AND ELEVATIONS FOR EXTENTS OF FLOOR PATTERNS, WALL FINISHES AND CABINET MATERIALS.
- ALL PRODUCTS / MATERIALS TO BE SOURCED FROM SAME LOTS TO ENSURE COLOR MATCH.
- ALL PRODUCTS INSTALLED PER MANUFACTURERS REQUIREMENTS AND RECOMMENDATIONS.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXTENTS OF MATERIALS IN THE FIELD WITH EXISTING CONDITIONS AND ADVISE THE ARCHITECT OF ANY CONFLICT.
- CONTRACTOR TO COORDINATE MEP REQUIREMENTS WITH ALL NEW/AND/OR REUSED EQUIPMENT/FIXTURES AND ADVISE THE ARCHITECT OF ANY CONFLICT.
- ALL PAINT TO BE EGGSHELL FOR WALLS U.N.O., FLAT FINISH FOR CEILING U.N.O., & SEMI-GLOSS FOR TRIM U.N.O. & ALL PAINT TO BE EPOXY FOR WALLS IN WET AREAS AS SPECIFIED ON FINISH PLANS U.N.O.
- CORNER GUARDS TO INSTALL FROM (FLOOR) (TOP OF BASE) TO UNDERSIDE OF CHAIR RAIL/LEAN RAIL ON SPLIT FINISH WALLS AND FULL HEIGHT ON WALLS WITH ONLY ONE FINISH. FIRE RATED CORNER GUARDS TO BE INSTALLED IN FIRE RATED WALLS. GC TO ADVISE OF ANY CONFLICTS.
- FINISHES NOTES IN CORRIDORS ARE TYPICAL CONDITIONS THAT ARE TO BE USED THROUGH REMAINING CORRIDOR.
- REFER TO DOOR SCHEDULE FOR DOOR TYPE, DOOR FINISH, JAMB AND HARDWARE FINISH SPECIFICATION.
- CHAIR RAIL IS TO EXTEND AROUND ENTIRE PERIMETER OF A SPACE IN ORDER TO CREATE A CLEAN SEPARATION FOR SPLIT WALL FINISHES.
- WHERE CABINET BASE MEETS HARD SURFACE FLOOR, INSTALL QUARTER ROUND TO MATCH CABINET FINISH.
- ALL ARCHITECTURAL MILLWORK AND RESIDENTIAL CASEWORK TO HAVE DECORATIVE HARDWARE AS NOTED IN FINISH LEGEND PER CAB OR PLAM SPECIFICATIONS.
- TOE KICK SHALL MATCH CABINET FINISH.
- CABINET CROWN MOLDING IS TO MATCH CABINET FINISH, U.N.O.
- ALL EXPOSED END PANELS, BACK PANELS AND INTERIOR SIDE PANELS SHALL BE FINISHED TO MATCH CABINETS.
- ALL EXPOSED INTERIOR OF CABINETS TO MATCH CABINET FACE.
- REFER TO REFLECTED CEILING PLANS FOR EXTENT OF CROWN MOLDING.
- ALL MECHANICAL, ELECTRICAL PANELS, DIFFUSERS & GRILLES ARE TO BE PAINTED TO MATCH ADJACENT FINISH IN ALL RESIDENT ROOMS AND PUBLIC/COMMON AREAS.
- ANY EXPOSED PIPING AND GRILLES TO MATCH ADJACENT WALL FINISH.
- FIELD VERIFY LOCATION OF ALL WIRING DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN.
- ALL OUTSIDE EDGES AND CORNERS OR MID WALL TERMINATION OF TILE TO RECEIVE A DIVIDER/TRANSITION STRIP, REFERENCE FINISH LEGEND.
- ALL CERAMIC TILE SHALL HAVE NECESSARY ACCESSORIES TO MATCH (SATIN NICKEL FINISH) U.N.O.
- CONTRACTOR TO DETERMINE THE APPROPRIATE HEIGHT PRODUCT FOR THE TRANSITIONING MATERIALS HEIGHT IN ORDER TO HAVE A FLUSH TRANSITION.
- TRANSITIONS ARE TO BE USED WITH A CONCEALED RUBBER SUBFLOOR LEVELER SYSTEM SCORED AT APPROPRIATE DEPTH FOR SMOOTH, FLUSH TRANSITION FROM ONE MATERIAL TO ANOTHER.
- HEAVY SEAM SEAL CARPET EDGE AT TRANSITION.
- REFER TO LEGEND FOR TRANSITION FINISH SELECTION.

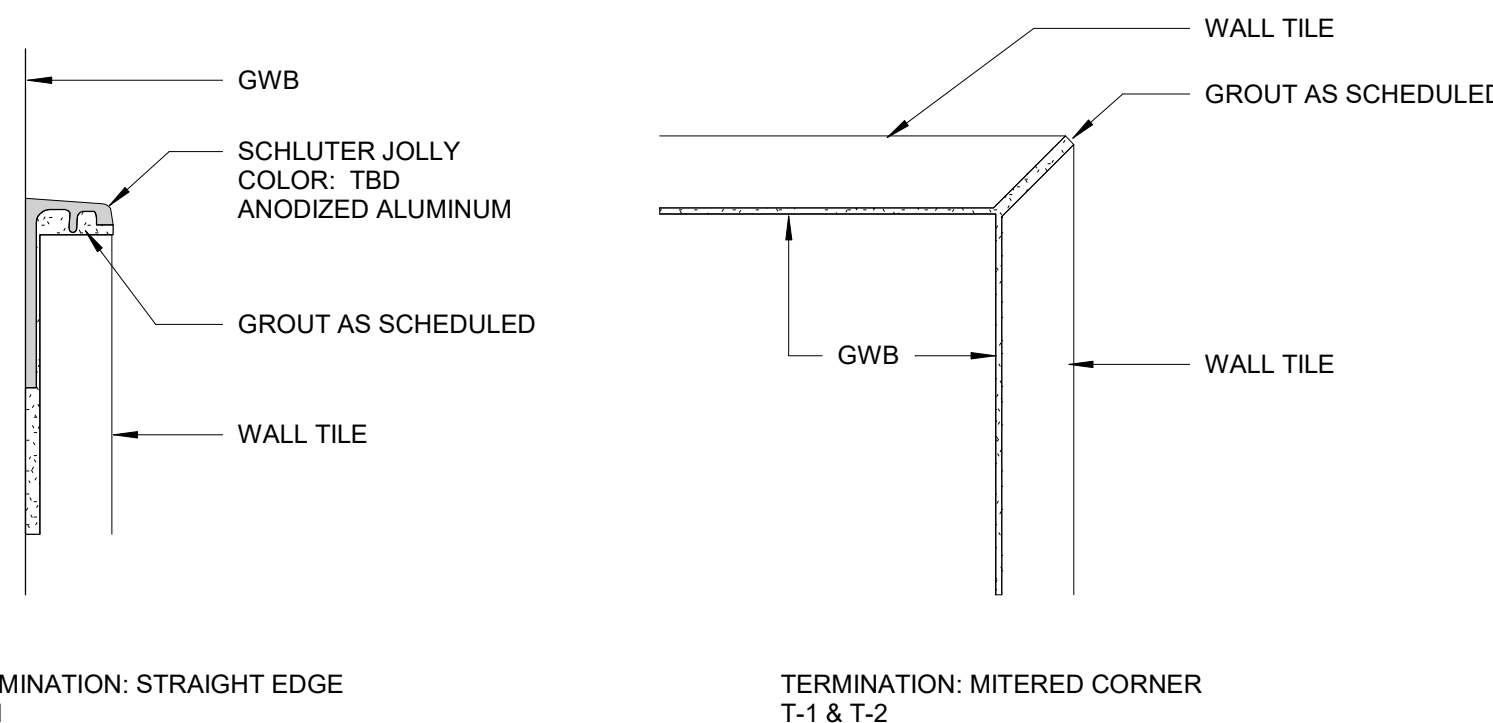
TRIM PROFILES



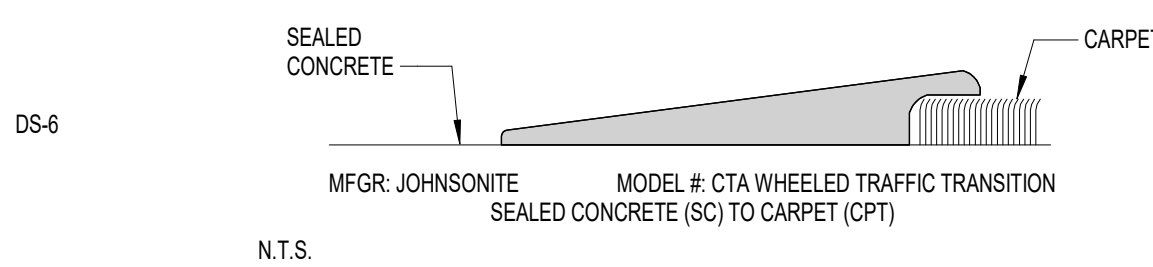
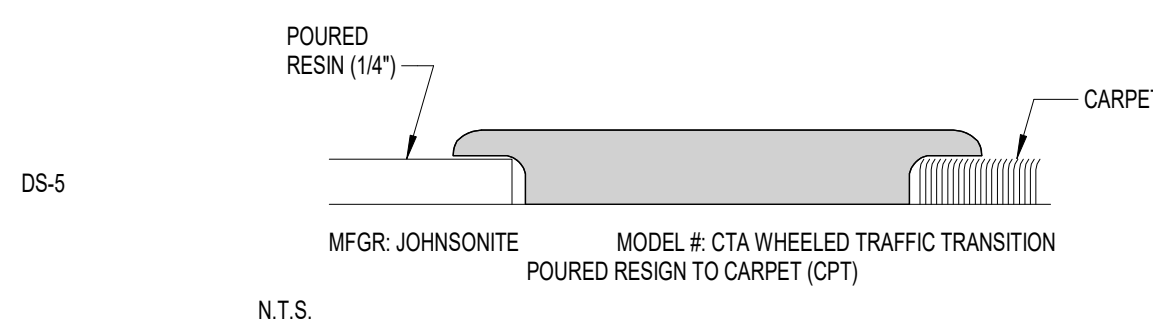
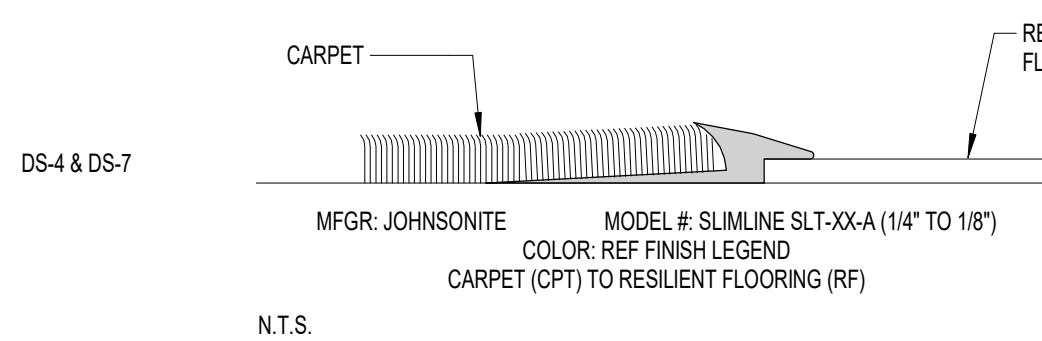
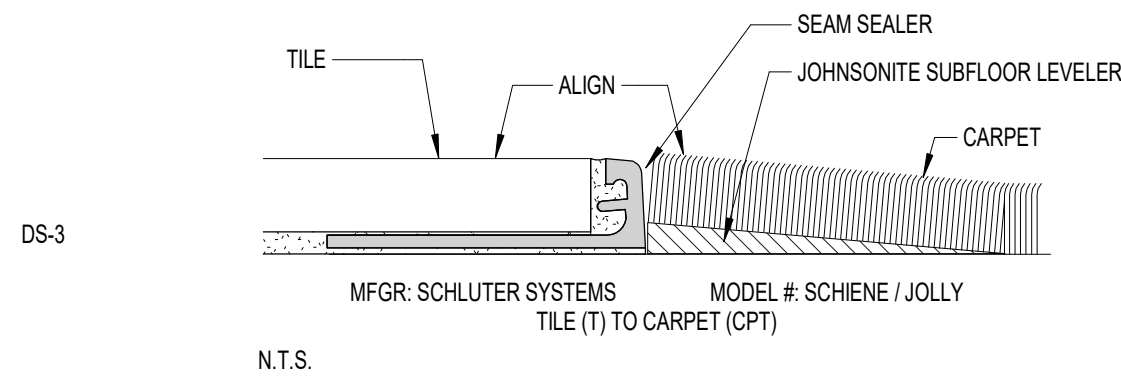
EDGE PROFILE



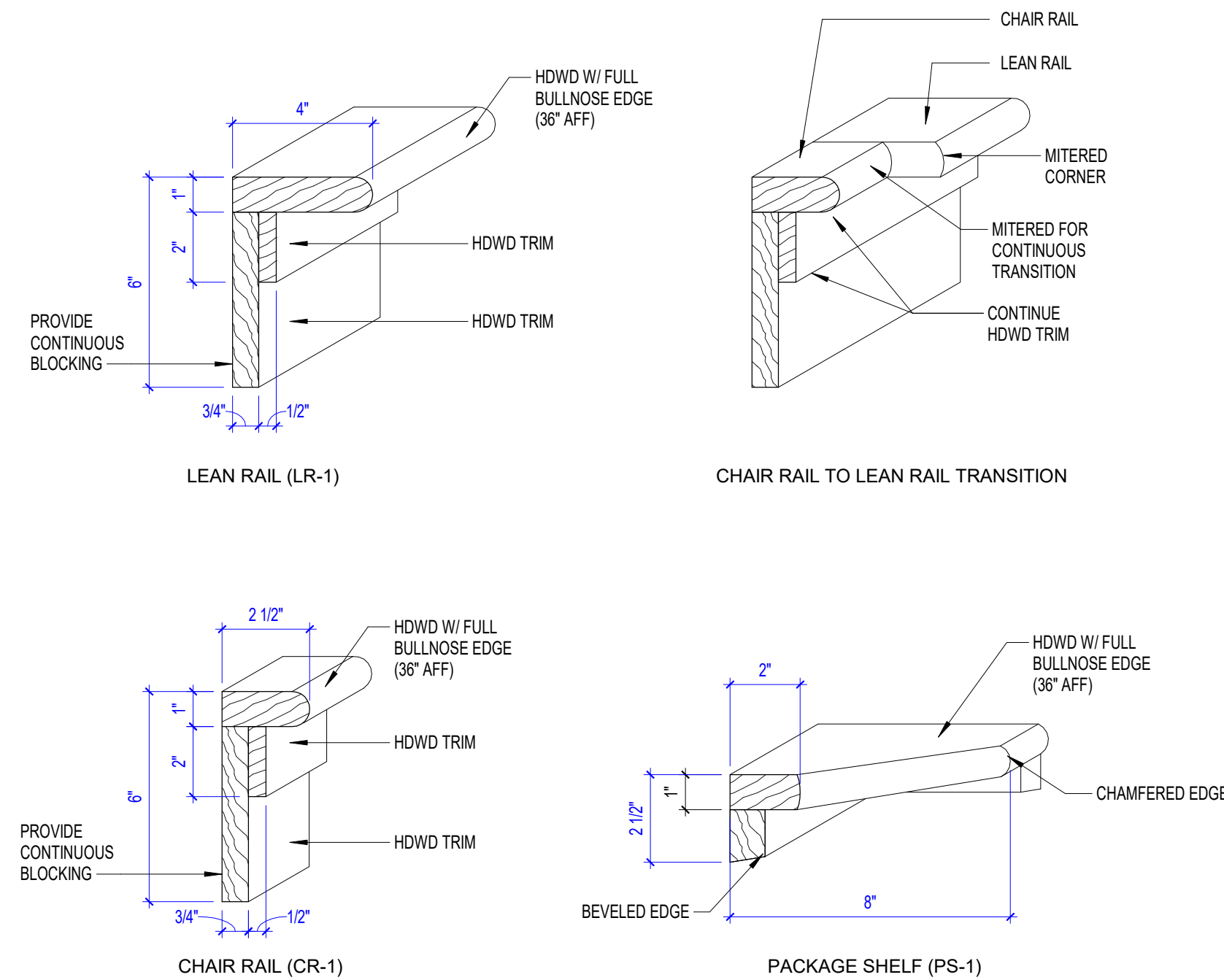
WALL TILE TERMINATION DETAIL



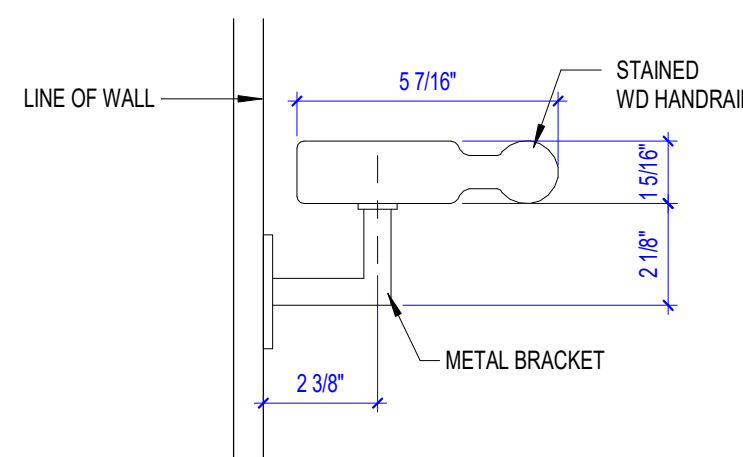
FLOOR TRANSITION SCHEDULE



LEAN RAIL DETAILS



HAND RAIL DETAILS



PROJECT NOTES

- IF ADDITIONAL RESILIENT TILE FLOORING IS SELECTED IN CUSTOMIZATION WITHIN RESIDENT UNITS, REFER TO ARCH DRAWINGS FOR ADDITIONAL SOUND PROOFING REQUIREMENTS.

PERMIT SET



PROJECT TITLE



John Knox Village

COURTYARDS - BUILDING E

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DESIGNER : DAS	DRAWN : CLH, CRW	
ARCHITECT : DAS	CHECKED : KED	
ENGINEER : DES	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE
3	Addendum 1	03/07/24

DRAWING TITLE

GENERAL NOTES, FINISH
KEY AND ABBREVIATIONS

DATE: January 5, 2024

COMM. NO. 23104.00

DRAWING
10.0

COMMONS FINISH LEGEND						
Code	Rev. Date	Manufacturer	Pattern	Color	Details	Remarks
DIVISION 06: WOODS, PLASTICS, AND COMPOSITES						
06060 Translucent Resin Panel System						
SP-1		3-Form	Veria Vita Prose	Sandstone F01	1/4" Gauge	Railing & Column Accents
062023 Interior Finish Carpentry						
WD-1		Custom		P-1	Refer ID.0 for details	Crown
WD-2		Realstone	Reclaimed Wood	Dark Panel	12"x24" Panel, Vertical Install	Accent Wall
WD-3		1" x 4"		P-1	Paintable hardwood	Columns
WD-4		1" x 6"		P-1	Paintable hardwood	Door Casing
WD-5		1" x 2"		P-1	Paintable hardwood	Door Casing
WD-7		3/4" x varies		ST-1	Stained Hardwood	Altium Applied Accent
WD-8		Custom		ST-1	Stained Hardwood, Ref. A7.3 for dimensions/details	Altium Column Wraps
WD-9		1 x 2"		ST-1	Stained Hardwood	Mail Room Trim
WD-10		1" x 1-2"		P-1	Paintable hardwood w/ bullnose edge, 1/2" overhang	Wood topcap
WDB-1		Custom		P-1	Ref. ID.0 for dimensions/details	General Base
CR-1		Custom		P-1	Ref. ID.0 for dimensions/details	Chair Rail
LR-1		Custom		P-1	Ref. ID.0 for dimensions/details	Lean Rail
PS-1		Custom		P-1	Ref. ID.0 for dimensions/details	Package Shelf
HR-1		Tague Lumber	TL-4048	ST-1	Turn horizontal Bracket Basis-of-Design Inline Design Magnetar Square Slim, Oil Rubbed Bronze	Handrail
064113 Wood-Veneer-Faced Architectural Cabinets (As noted on Interior Elevations as - WOOD VENEER ARCH MILLWORK)						
CAB-1		Custom to match Merillat Masterpiece	To match Portrait w/ 5 piece drawer	Translucent Driftwood	Species: Maple Hardware: Richeieu Modern Metal Pull 107 Brushed Nickel 4"	Mail Room & 3rd Floor Lounge, Restrooms
CAB-2		Custom to match Merillat Classic	To match Portrait w/ 5 piece drawer	Midnight	Species: Maple Hardware: Richeieu Modern Metal Pull 107 Brushed Nickel 4"	2nd Floor Lounge
CAB-3		Custom to match Merillat Classic	To match Portrait w/ 5 piece drawer	Cotton	Species: Maple Hardware: Richeieu Modern Metal Pull 107 Brushed Nickel 4"	4th Lounge
DIVISION 09: FINISHES						
093013 Ceramic Tiling						
T-1		Mosaic Tile	Organic Clay	45ORGTJA210G	2"x10" Glossy, 70%, random mix throughout with T-2, Miter edges at outside corners	3rd Floor Lounge Fireplace
T-2		Mosaic Tile	Organic Clay	45ORGTJA210	2"x10" Matte 30% random mix throughout with T-1, Miter edges at outside corners	3rd Floor Lounge Fireplace
T-3		Mosaic Tile	Urban Living	04URLSAN248C	12"x24", Chiseled, Stacked, 5" H UNO	Restroom
T-4		Marazzi	Treverkchic	Americano	6"x48", Running bond instal	Altium & Restroom
T-5		Marazzi	Treverkchic	Francesce	6"x48", Running bond instal	Altium Border
T-6		Garden State Tile	Hexagon Mix	Cotton Candy Mix GSPHXCCMXSAM	1" Hex Fabric Mix	2nd Floor Backsplash
G-1		Custom Building Products		#5004 Bahama Beige	Unsaned	T-1 & T-2
G-2		Custom Building Products		#172 Urban Puty	Epoxy	T-3
G-3		Custom Building Products		#59 Saddle Brown	Epoxy	T-4, T-5
G-4		Custom Building Products		#386 Oyster Gray	Epoxy	T-6
DS-1		Schluter	Schiene / Jolly	Brushed Nickel	Use accompanying inside/outside 90 degree corner pieces and connectors to ensure there are no sharp edges. All metal edges to be sanded and sealed with no sharp edges.	Wall Tile Termination
DS-2		Schluter	Dilex	Brushed Nickel	Use accompanying inside/outside 90 degree corner pieces and connectors to ensure there are no sharp edges.	Cove base between tile floors and tile walls.
095113 Acoustical Panel Ceilings						
ACT-1		Armstrong	Ultma Tegular 1902	White	24"x24", AirGuard, 9/16" Supratrue XL Grid, White	Commons
ACT-2		Armstrong	Fine Fissured Square Lay-In 1728	White	24"x24", 15/16" Prelude XL Grid, White	BOH
096513 Resilient Base and Accessories						
RB-1		Johnsontile	Reveal MM-XX-F	TBD	4" coil	BOH
DS-3		Schluter	Schiene			CPT to T
DS-4		Johnsontile	Slim Line SLT-XX-A	TBD		VCT to CPT
DS-5		Johnsontile	Wheeled Traffic Transition CTA-XX-D			Epoxy Floor to CPT
DS-6		Johnsontile	Wheeled Traffic Transition CTA-XX-L	TBD		CPT to SC
DS-7		Johnsontile	Slim Line SLT-XX-A	TBD		CPT to RF (Vinyl Tile)
096516 Resilient Sheet Flooring						
RF-2		Mannington	Paradigm Intersect	Basis PAR100	Heat weld with matching seams, integral 4" cove	BOH
096519 Resilient Tile Flooring						
RF-1		Tarkett	VCT II	556 Sandstone W	12"x12"	Resident Closet
RF-3		Cobalt Surfaces	Katanga K12-802	Sand Dune	7"x48", Glue-down;	2nd & 4th Floor Lounge
096813 Tile Carpeting						
CPT-1		Interface	Viva Colores	Gre 101170	20"x20", quarter turn	Border
096816 Sheet Carpeting						
CPT-2		Tarkett	Lido 40033	Spring Azure	12' 6" roll, 32 oz	Stairs
CPT-3		Tarkett	Buccato 40030	Spring Azure-01950	12' 6" roll, 32 oz	Inserts, Lounges
CPT-4		Tarkett	Vetro 40032	Spring Azure-01950	12' 6" roll, 32 oz	Ramps, Corridors
CPT-5		Custom Siermo International Inc.	#175 #178	Fossil Thundercloud	Siermo Quire #26401	Vestibules
097200 Wall Covering						
WC-1		Innovations Wallcovering	Glint GLN-009	Ore	54"W, Type II, 20 oz; Non-match repeat, microperforated	Mail Room
WC-2		MDC	Eclipse JEC0610	Goldfinger	54"W, Type II, 20 oz; Reversible half drop match, 3.5"Vertical repeat, microperforated	Restrooms
WC-3		Momentum	Stella 2xSTL-08	Cognac	54"W, Type II, 20 oz; Straight match	3rd Floor Lounge
097723 Fabric-Wrapped Panel						
FWP-1			Muharam - Lumen	TBD	1/2" Fabric Wrapped Homasote Tackboard	Mail Room
099123 Interior Painting						
P-1		Sherwin Williams	SW7551	Greek Villa	Semi-Gloss	General Trim, Columns
P-2		Sherwin Williams	SW7551	Greek Villa	1/2"	General Ceiling
P-3		Sherwin Williams	SW7638	Jogging Path	Eggshell	General Wall
P-4		Sherwin Williams	SW7638	Jogging Path	Semi-Gloss	BOH Wet Areas
P-5		Sherwin Williams	SW6370	Saucy Gold	Eggshell	1st Floor Resident Corridor Accent
P-6		Sherwin Williams	SW6342	Spicy Hue	Eggshell	2nd Floor Resident Corridor Accent
P-7		Sherwin Williams	SW7604	Smoky Blue	Eggshell	3rd Floor Resident Corridor Accent
P-8		Sherwin Williams	SW6286	Mature Grape	Eggshell	4th Floor Resident Corridor Accent
P-9		Sherwin Williams	SW7631	City Loft	Eggshell	2nd Floor Lounge
P-10		Sherwin Williams	SW7605	Gale Force	Eggshell	4th Floor Lounge
P-11		Sherwin Williams	SW7507	Stone Lion	Semi-Gloss	Starwell Handrails
P-12		Sherwin Williams	TBD	TBD	TBD	Column Accent
P-13		Sherwin Williams	SW9183	Dark Clove	Eggshell	Paint behind WD-2
099300 Staining and Transparent Finishings						
ST-1		Custom		Match CAB-1		Lounge Bulk-ins, Columns, Railing Handrail
DIVISION 12: FURNISHINGS						
122113 Horizontal Lower Blinds						
B-1		SWF Contract	Graber Lake Forest	5304 Textured Milky Way	2" Faux Wood, 2 1/2" Classic Valance	Windows
123661.19 Quartz Agglomerate Countertops						
QZ-1		Cimbrla		New Quay	3cm, Eased Edge	Restrooms, 3rd & 4th Floor Lounge
QZ-2		Cimbrla		Britannica Gold Warm	3cm, Eased Edge	Mail Room & 2nd Floor Lounge
QZ-3		Cimbrla		TBD	3cm	Fireplace Surround
DIVISION 14: CONVEYING EQUIPMENT						

GENERAL NOTES

CONSTRUCTION SET



PROJECT TITLE



John Knox Village

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DESIGNER : DAS	DRAWN : CLH, CRW
ARCHITECT : DAS	CHECKED : KED
ENGINEER : DES	APPROVED : CRJ
NO.	REVISION DESCRIPTION DATE
2	Rev 1 - Permit Comments 02/15/24

DRAWING TITLE

FINISH LEGEND

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	10.1

FINISH LEGEND - PACAKGE A (SAND PALETTE)							
Code	Rev. Date	Manufacturer	Pattern	Color	Details	Remarks	
DIVISION 06: WOODS, PLASTICS, AND COMPOSITES							
062023 Interior Finish Carpentry							
S-WDB-1		SSI Wood Products	SSI-1354	P-1	3/4" x 4 1/4"	Unit Base	
S-CAS-1		1" x 3"		P-1	Hardwood, paint grade	Unit Door Casing	
S-WD-1		Tague Lumber	TL-1167	P-1	1" x 5 1/2": Hardwood, paint grade	Unit Window Sill	
S-WD-2		Custom		P-1	1/2" x 3 1/2": Hardwood, paint grade	Unit Window Apron	
DIVISION 09: FINISHES							
093013 Ceramic Tiling							
S-T-1A		Daltile	Classic Color Wheel	Arctic White	3" x 6", Gloss, Brick Install	Backsplash	
S-T-2A		Daltile	Classic Color Wheel	Biscuit	3" x 6", Gloss, Brick Install	Backsplash	
S-T-3A		Emser Tile	Influence Hex	Gray	1" Hexagon	Backsplash	
S-T-4A		Emser Tile	Influence Hex	White	1" Hexagon	Backsplash	
S-G-1A		Mapei		5221 Moonbeam	Unsanded	ST-T-1A, ST-T-4A	
S-G-2A		Mapei		5014 Biscuit	Unsanded	ST-T-2A	
S-G-3A		Mapei		5093 Warm Gray	Unsanded	ST-T-3A	
DS-1		Schluter	Schiene / Jolly	Brushed Nickel	Use accompanying inside/outside 90 degree corner pieces and connectors to ensure there are no sharp edges. All metal edges to be sanded and sealed with no sharp edges.	Wall Tile Termination	
096516 Resilient Sheet Flooring							
S-RF-2A		Patcraft	Sense H24V	Ease 011000	78.72", Heat weld with matching seams	Bathroom	
096519 Resilient Tile Flooring							
S-RF-1A		Mohawk	Vivid Step Wood CR705	Vintage Oak W723	6" x 48", 2mm, 1/3 Brick Install	Kitchen	
096816 Sheet Carpeting							
S-CPT-1A		Tarkett	Influence	Enchant 859	1/2", cushion per owner's standard	Living Room & Bedroom	
099123 Interior Painting							
S-P-1A		Sherwin Williams	SW7551	Greek Villa	Semi-Gloss	General Trim	
S-P-2A		Sherwin Williams	SW7551	Greek Villa	Flat	General Ceiling	
S-P-3A		Sherwin Williams	SW7036	Accessible Beige	Eggshell	General Wall	
S-P-4A		Sherwin Williams	SW7036	Accessible Beige	Semi-Gloss	Bathroom	
DIVISION 12: FURNISHINGS							
122113 Horizontal Louver Blinds							
S-B-1A		SWF Contract	Graber Lake Forest	5304 Textured Milky Way	2" Faux Wood, 2 1/2" Classic Valance	All unit windows	
123530 Residential Casework (As noted on Interior Elevations as - RESIDENTIAL CASEWORK)							
S-CAS-1A		Merillat	Portrait	Cotton	Maple, Franklin Brass Lombard 3" Hardware, Brushed Nickel	Kitchen & Bath	
S-CAS-2A		Merillat	Portrait	Pecan	Maple, Franklin Brass Lombard 3" Hardware, Brushed Nickel	Kitchen & Bath	
123661.13 Cultured Marble Countertops							
S-CM-1A		Virginia Marble		White Vein on White	3cm, Eased Edge, Polished	Bathroom	
123661.19 Quartz Agglomerate Countertops							
S-QZ-1A		Consentino	Silestone	Ethereal Glow	3cm, Eased Edge, Polished	Kitchen & Bath	
S-QZ-2A		Consentino	Silestone	Lusso	3cm, Eased Edge, Polished	Kitchen & Bath	

FINISH LEGEND - PACAKGE B (RAIN PALETTE)							
Code	Rev. Date	Manufacturer	Pattern	Color	Details	Remarks	
DIVISION 06: WOODS, PLASTICS, AND COMPOSITES							
062023 Interior Finish Carpentry							
S-WDB-1		SSI Wood Products	SSI-1354	P-1	3/4" x 4 1/4"	Unit Base	
S-CAS-1		1" x 3"		P-1	Hardwood, paint grade	Unit Door Casing	
S-WD-1		Tague Lumber	TL-1167	P-1	1" x 5 1/2"; Hardwood, paint grade	Unit Window Sill	
S-WD-2		Custom		P-1	1/2" x 3 1/2"; Hardwood, paint grade	Unit Window Apron	
DIVISION 09: FINISHES							
093013 Ceramic Tiling							
S-T-1A		Daltile	Classic Color Wheel	Arctic White	3" x 6" Gloss, Brick Install	Backsplash	
S-T-2A		Daltile	Classic Color Wheel	Desert Gray	3" x 6" Gloss, Brick Install	Backsplash	
S-T-3A		Emser Tile	Influence Hex	Gray	1" Hexagon	Backsplash	
S-T-4A		Emser Tile	Influence Hex	White	1" Hexagon	Backsplash	
S-G-1A		Mapei		5221 Moonbeam	Unsanded	ST-T-1-1A, ST-T-4A	
S-G-2A		Mapei		5027 Silver	Unsanded	ST-T-2A	
S-G-3A		Mapei		5093 Warm Gray	Unsanded	ST-T-3A	
DS-1		Schlüter	Schiene / Jolly	Brushed Nickel	Use accompanying inside/outside 90 degree corner pieces and connectors to ensure there are no sharp edges. All metal edges to be sanded and sealed with no sharp edges.	Wall Tile Termination	
096516 Resilient Sheet Flooring							
S-RF-2A		Patcraft	Sense R24V	Engage 00550	78.72"; Heat weld with matching seams	Bathroom	
096519 Resilient Tile Flooring							
S-RF-1A		Mohawk	Vivid Step Wood CR705	Grounded Hatch W132	6" x 48"; 2mm, 1/3 Brick Install	Kitchen	
096816 Sheet Carpeting							
S-CPT-1A		Tarkett	Influence	Enchant 859	1/2" , cushion per owner's standard	Living Room & Bedroom	
099123 Interior Painting							
S-P-1A		Sherwin Williams	SW7551	Greek Villa	Semi-Gloss	General Trim	
S-P-2A		Sherwin Williams	SW7551	Greek Villa	Flat	General Ceiling	
S-P-3A		Sherwin Williams	SW7029	Agreeable Gray	Eggshell	General Wall	
S-P-4A		Sherwin Williams	SW7029	Agreeable Gray	Semi-Gloss	Bathroom	
DIVISION 12: FURNISHINGS							
122113 Horizontal Lower Blinds							
S-B-1A		SWF Contract	Graber Lake Forest	5304 Textured Milky Way	2" Faux Wood, 2 1/2" Classic Valance	All unit windows	
123530 Residential Casework (As noted on Interior Elevations as - RESIDENTIAL CASEWORK)							
S-CAS-1A		Merillat	Portrait	Cotton	Maple, Franklin Brass Lombard 3" Hardware, Brushed Nickel	Kitchen & Bath	
S-CAS-2A		Merillat	Portrait	Basalt	Maple, Franklin Brass Lombard 3" Hardware, Brushed Nickel	Kitchen & Bath	
123661.13 Cultured Marble Countertops							
S-CM-1A		Virginia Marble		White Vein on White	3cm, Eased Edge, Polished	Bathroom	
123661.19 Quartz Agglomerate Countertops							
S-QZ-1A		Consentino	Silestone	Petra	3cm, Eased Edge, Polished	Kitchen & Bath	
S-QZ-2A		Consentino	Silestone	Helix	3cm, Eased Edge, Polished	Kitchen & Bath	

GENERAL NOTES

CONSTRUCTION SET



PROJECT TITLE


John Knox Village
COURTYARDS - BUILDING E

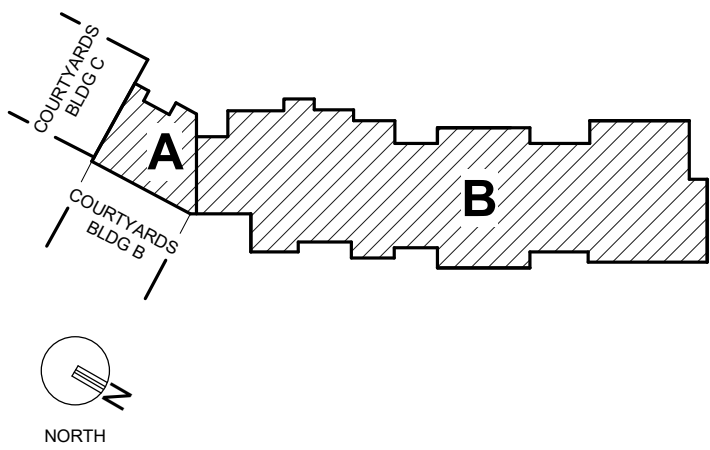
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ARCHITECT : DAS	CHECKED : KED	
ENGINEER : DES	APPROVED : APP	
NO.	REVISION DESCRIPTION	DATE

DRAWING TITLE
FINISH LEGEND
CONTINUED

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	10.2

KEYPLAN



GENERAL NOTES

- REFER TO 0.0 FOR GENERAL NOTES, FINISH KEY, AND ABBREVIATIONS.
- REFER TO 0.1 FOR COMMONS FINISH LEGEND.
- REFER TO 0.2 FOR UNIT FINISH LEGEND.

- LEAN RAIL TO BE INSTALLED ON PLAN NORTH WALL OF CORRIDOR.
- VERTICAL PORTION OF BULKHEAD TO MATCH ROOM WALL COLOR.

CONSTRUCTION SET



PROJECT TITLE



John Knox Village

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ARCHITECT : DAS	CHECKED : KED
ENGINEER : ENG	APPROVED : CRJ
NO.	REVISION DESCRIPTION

DRAWING TITLE

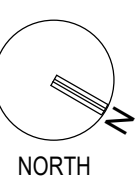
FIRST FLOOR FINISH PLAN
- IL UNITS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	11.1

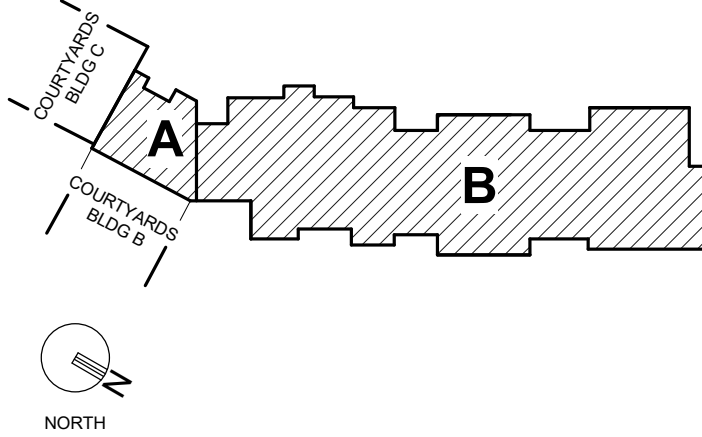
MATCHLINE
RE: 1711.3

MATCHLINE
RE: 1711.3

1 FIRST FLOOR PLAN - IL UNITS
1/8" = 1'-0"



KEYPLAN



GENERAL NOTES

- REFER TO 0.0 FOR GENERAL NOTES, FINISH KEY, AND ABBREVIATIONS.
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- REFER TO 0.2 FOR UNIT FINISH LEGEND.

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CONSTRUCTION SET



PROJECT TITLE



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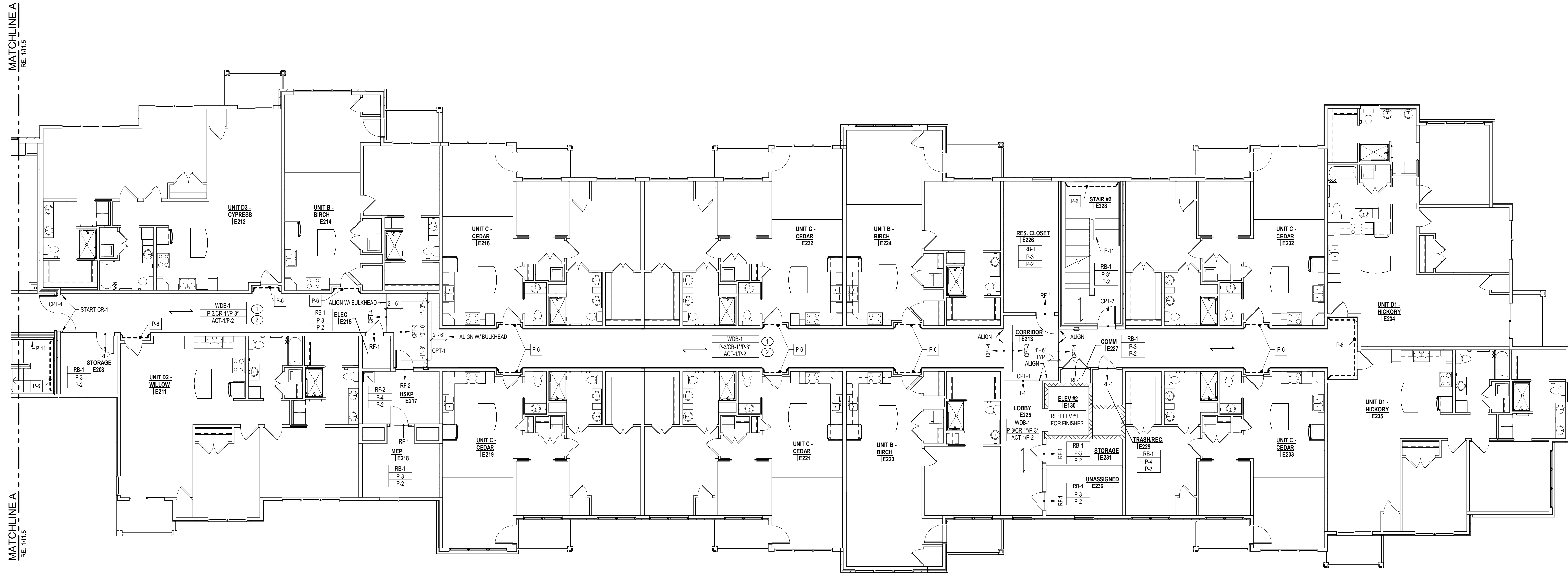
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ARCHITECT : DAS	CHECKED : KED
ENGINEER : DES	APPROVED : CRJ
NO.	REVISION DESCRIPTION

DRAWING TITLE

**SECOND FLOOR FINISH
PLAN - IL UNITS**

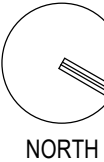
DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	11.2



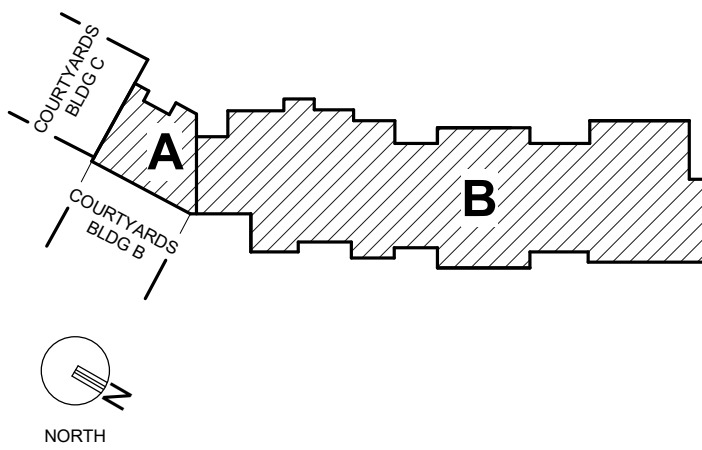
MATCHLINE A
REF: 11.1/5

MATCHLINE A
REF: 11.1/5

1 SECOND FLOOR PLAN - IL UNITS
1/8" = 1'-0"



KEYPLAN



GENERAL NOTES

- REFER TO 0.0 FOR GENERAL NOTES, FINISH KEY, AND ABBREVIATIONS.
- REFER TO 0.1 FOR COMMONS FINISH LEGEND.
- REFER TO 0.2 FOR UNIT FINISH LEGEND.

PLAN NOTES

- LEAN RAIL TO BE INSTALLED ON PLAN NORTH WALL OF CORRIDOR.
- VERTICAL PORTION OF BULKHEAD TO MATCH ROOM WALL COLOR.

CONSTRUCTION SET



PROJECT TITLE



John Knox Village

COURTYARDS - BUILDING E

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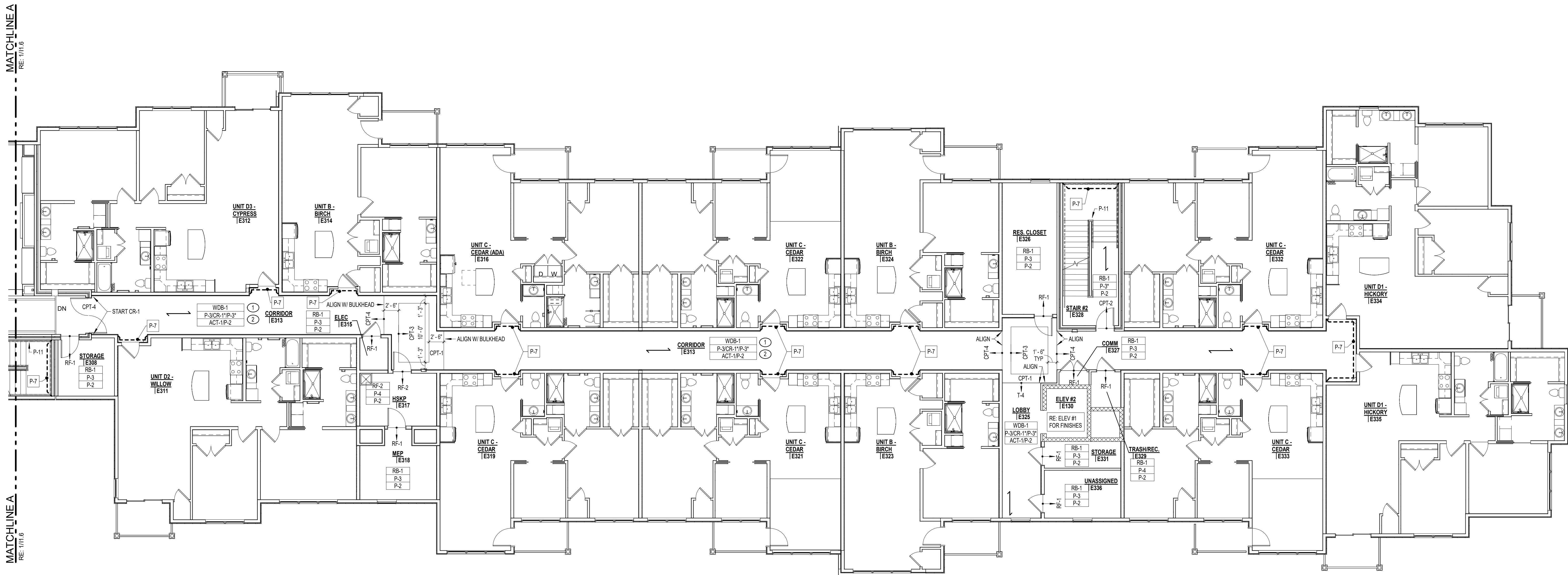
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ARCHITECT : DAS	CHECKED : KED
ENGINEER : DES	APPROVED : CRJ
NO.	REVISION DESCRIPTION
	DATE

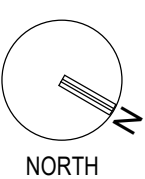
DRAWING TITLE

THIRD FLOOR FINISH
PLAN - IL UNITS

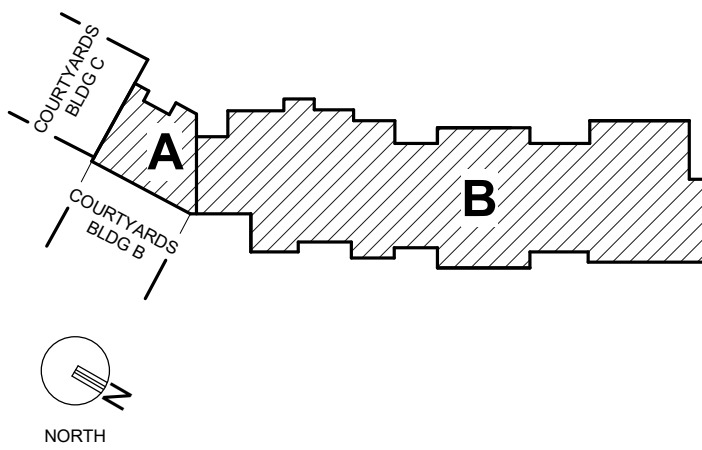
DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	11.3



1 THIRD FLOOR PLAN - IL UNITS
1/8" = 1'-0"



KEYPLAN



GENERAL NOTES

- REFER TO 0.0 FOR GENERAL NOTES, FINISH KEY, AND ABBREVIATIONS.
- REFER TO 0.1 FOR COMMONS FINISH LEGEND.
- REFER TO 0.2 FOR UNIT FINISH LEGEND.

- LEAN RAIL TO BE INSTALLED ON PLAN NORTH WALL OF CORRIDOR.
- VERTICAL PORTION OF BULKHEAD TO MATCH ROOM WALL COLOR.

CONSTRUCTION SET



01-05-2024

PROJECT TITLE



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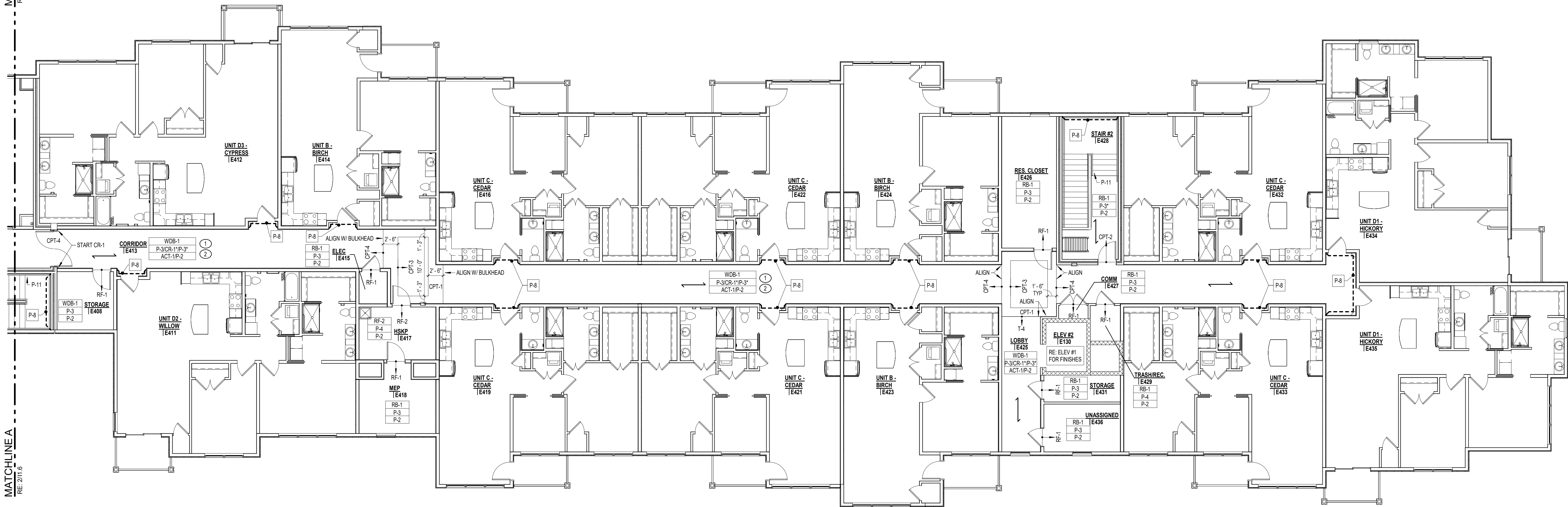
DESIGNER : DAS	DRAWN : CLH, CRW
ARCHITECT : DAS	CHECKED : KED
ENGINEER : DES	APPROVED : CRJ
NO.	REVISION DESCRIPTION

DRAWING TITLE

FOURTH FLOOR FINISH
PLAN - IL UNITS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	11.4

MATCHLINE A
RE: 2711.6

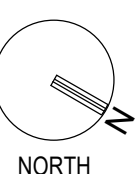


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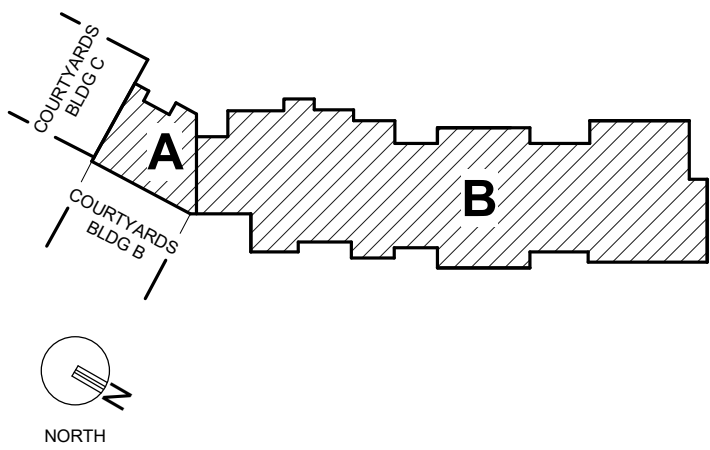
FOURTH FLOOR FINISH PLAN - IL

UNITS

1/8" = 1'-0"



KEYPLAN



GENERAL NOTES

- REFER TO 0.0 FOR GENERAL NOTES, FINISH KEY, AND ABBREVIATIONS.
- REFER TO 0.1 FOR COMMONS FINISH LEGEND.
- REFER TO 0.2 FOR UNIT FINISH LEGEND.

- LEAN RAIL TO BE INSTALLED ON PLAN NORTH WALL OF CORRIDOR.
- VERTICAL PORTION OF BULKHEAD TO MATCH ROOM WALL COLOR.

CONSTRUCTION SET



PROJECT TITLE



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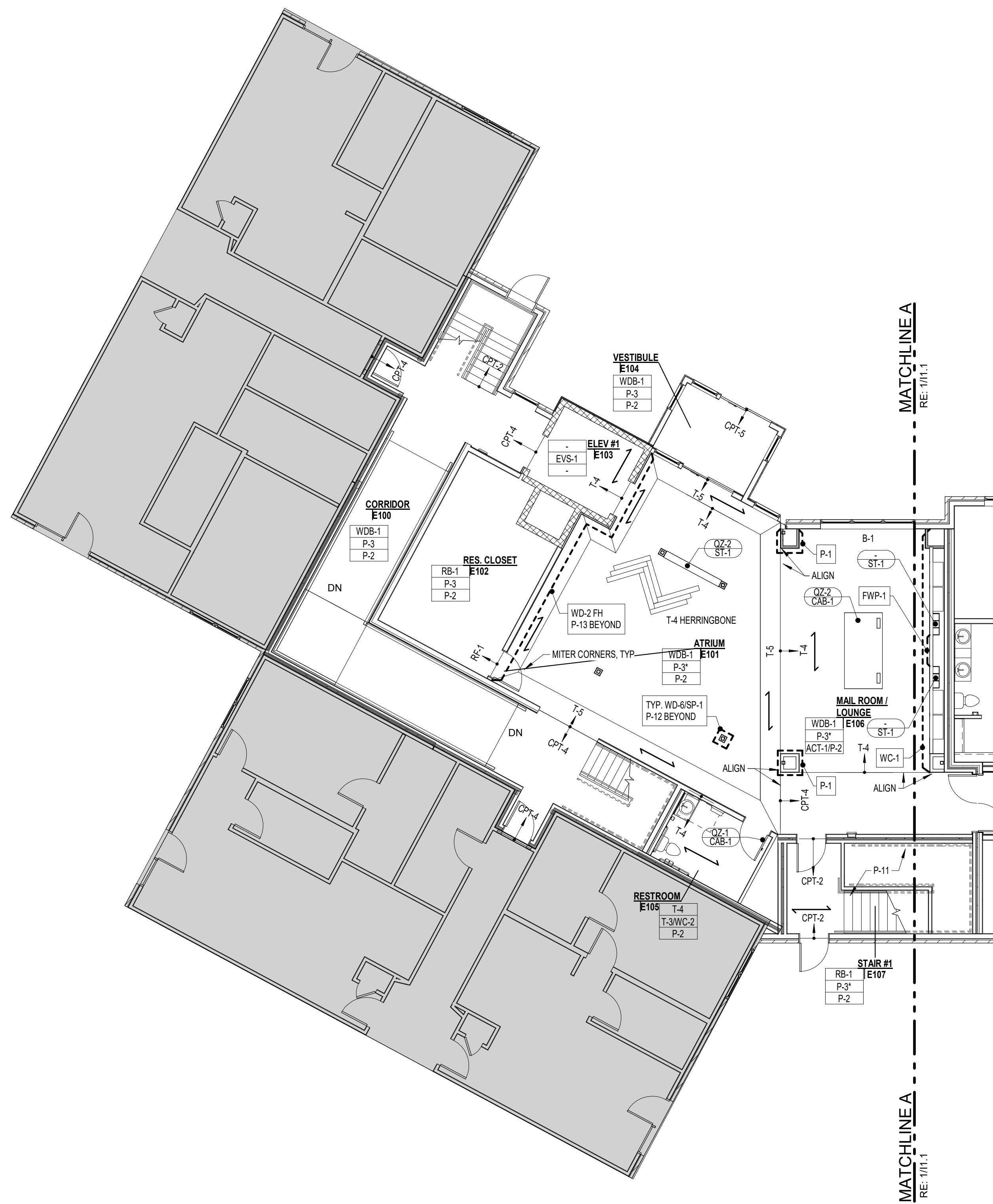
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ARCHITECT : DAS	CHECKED : KED	
ENGINEER : Designer	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE

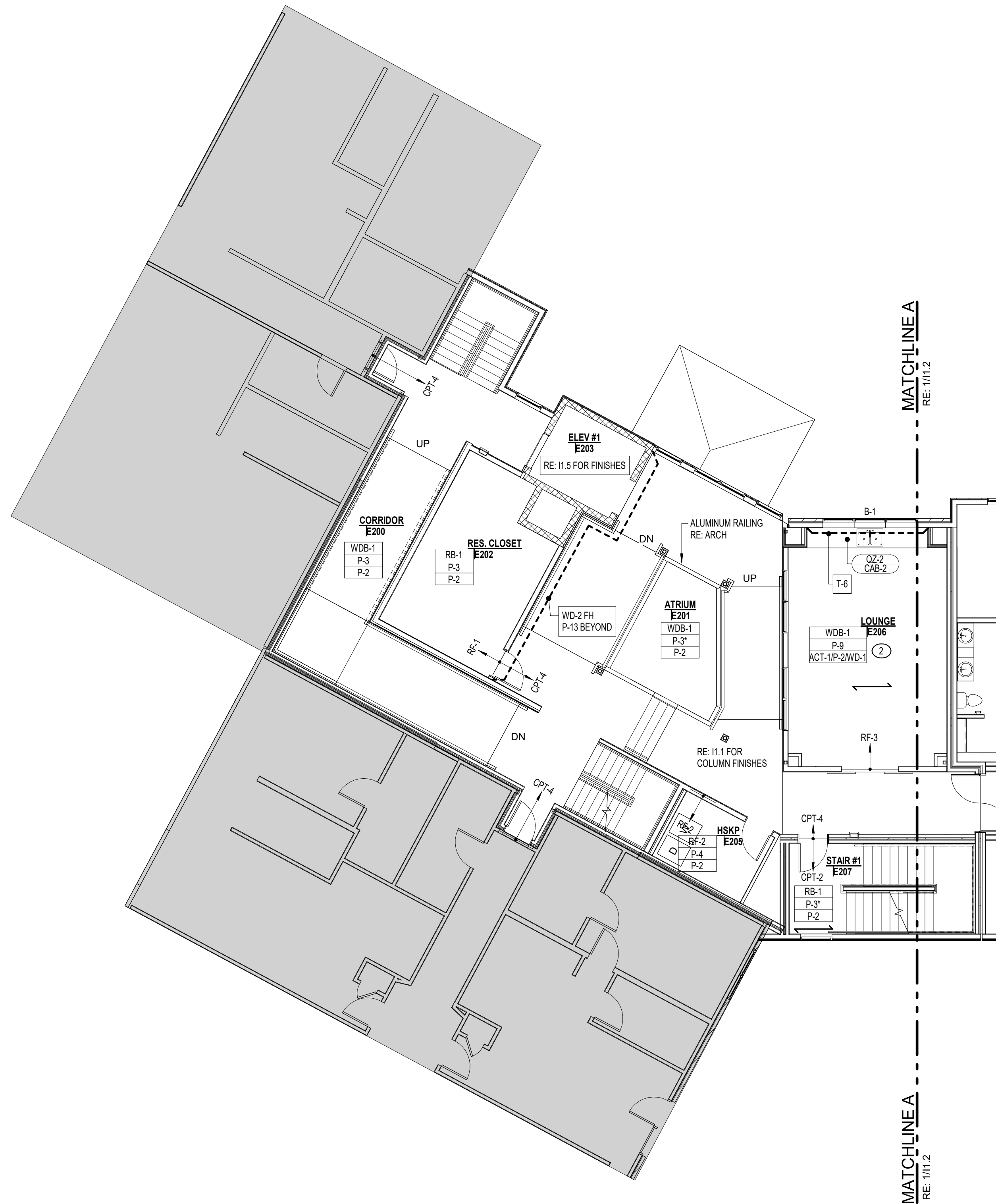
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FIRST AND SECOND
FLOOR FINISH PLANS -
ATRIUM

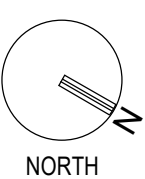
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COMM. NO. 23104.00	11.5



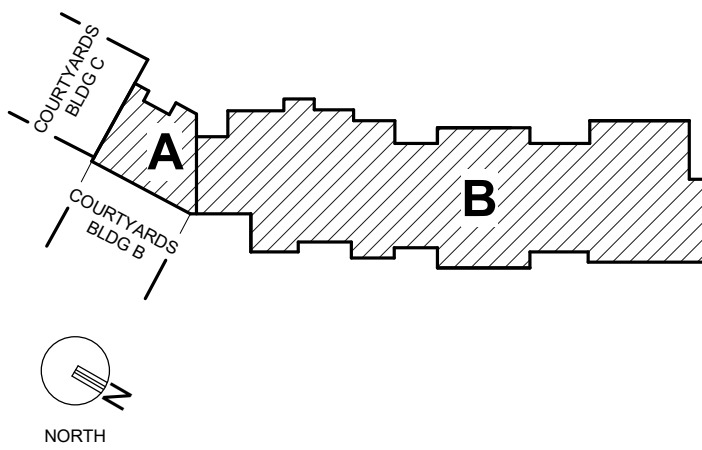
1 FIRST FLOOR FINISH PLAN - ATRIUM
1/8" = 1'-0"



2 SECOND FLOOR FINISH PLAN -
ATRIUM
1/8" = 1'-0"



KEYPLAN

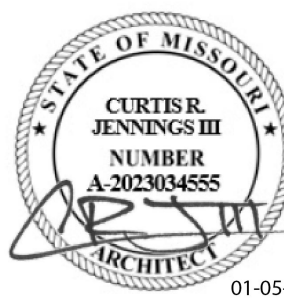


GENERAL NOTES

- REFER TO 0.0 FOR GENERAL NOTES, FINISH KEY, AND ABBREVIATIONS.
- REFER TO 0.1 FOR COMMONS FINISH LEGEND.
- REFER TO 0.2 FOR UNIT FINISH LEGEND.

- LEAN RAIL TO BE INSTALLED ON PLAN NORTH WALL OF CORRIDOR.
- VERTICAL PORTION OF BULKHEAD TO MATCH ROOM WALL COLOR.

CONSTRUCTION SET



PROJECT TITLE



John Knox Village

COURTYARDS - BUILDING E

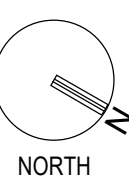
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ARCHITECT : DAS	CHECKED : KED	
ENGINEER : Designer	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE

DRAWING TITLE

THIRD & FOURTH FLOOR
FINISH PLANS - ATRIUM

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	11.6

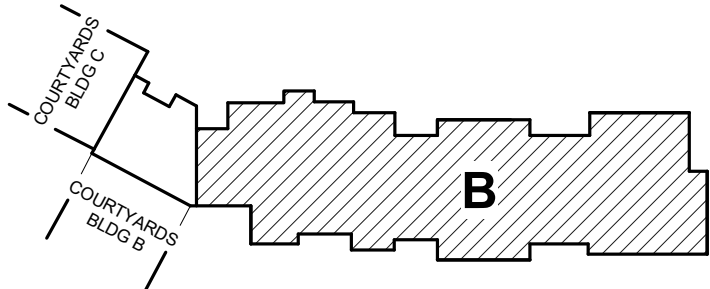


1 THIRD FLOOR FINISH PLAN - ATRIUM

1/8" = 1'-0"

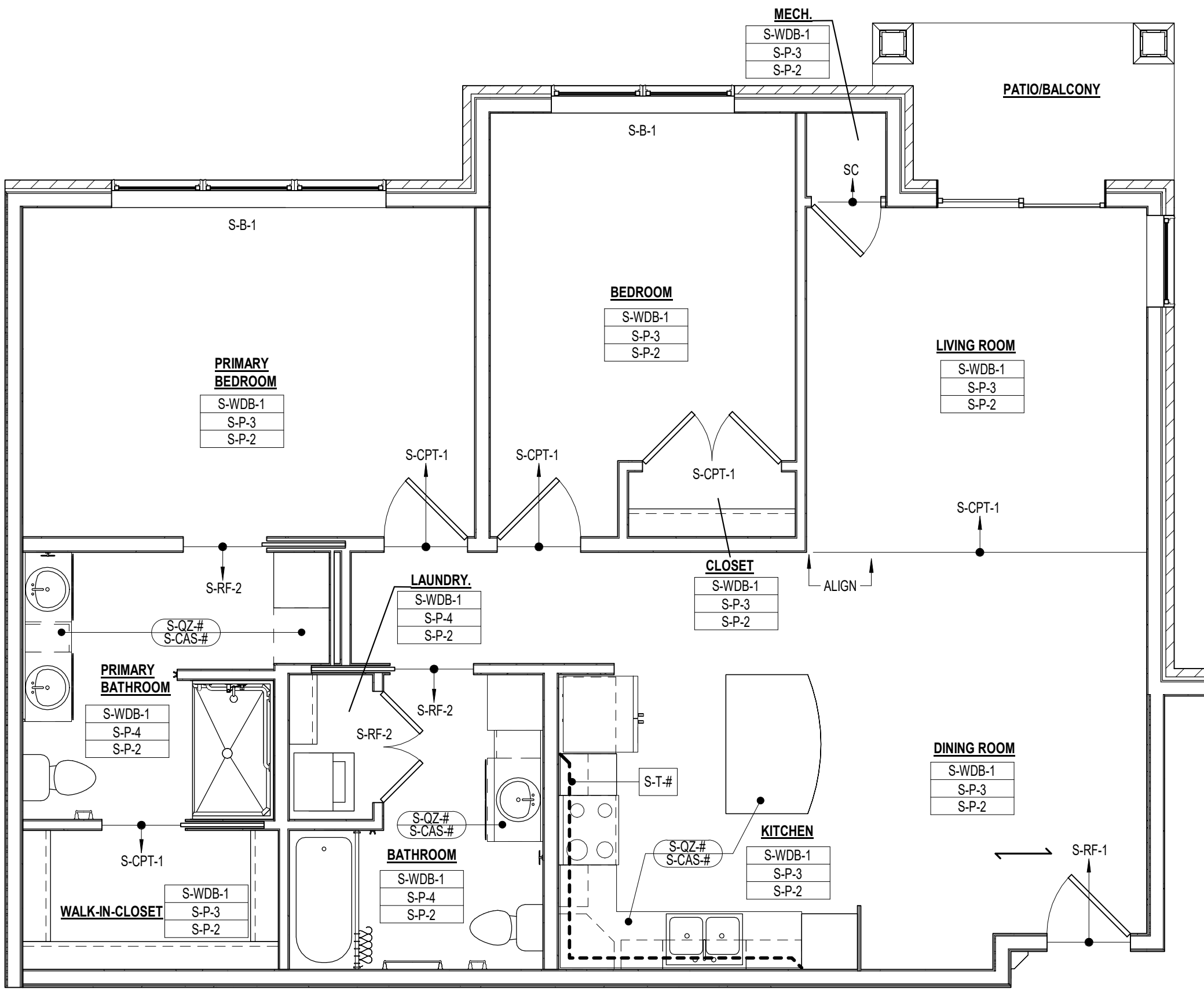
2 FOURTH FLOOR FINISH PLAN - ATRIUM

1/8" = 1'-0"

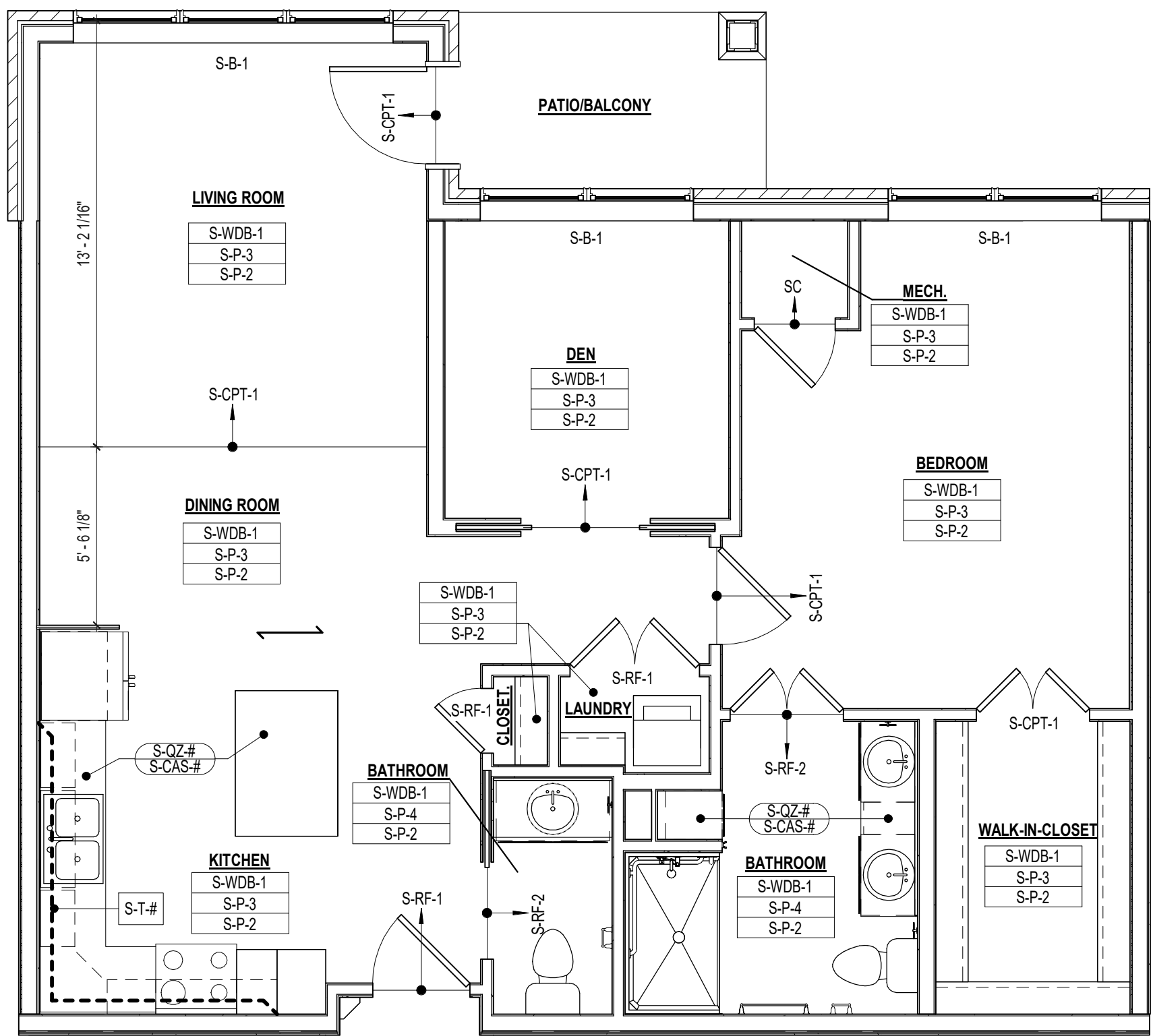


GENERAL NOTES

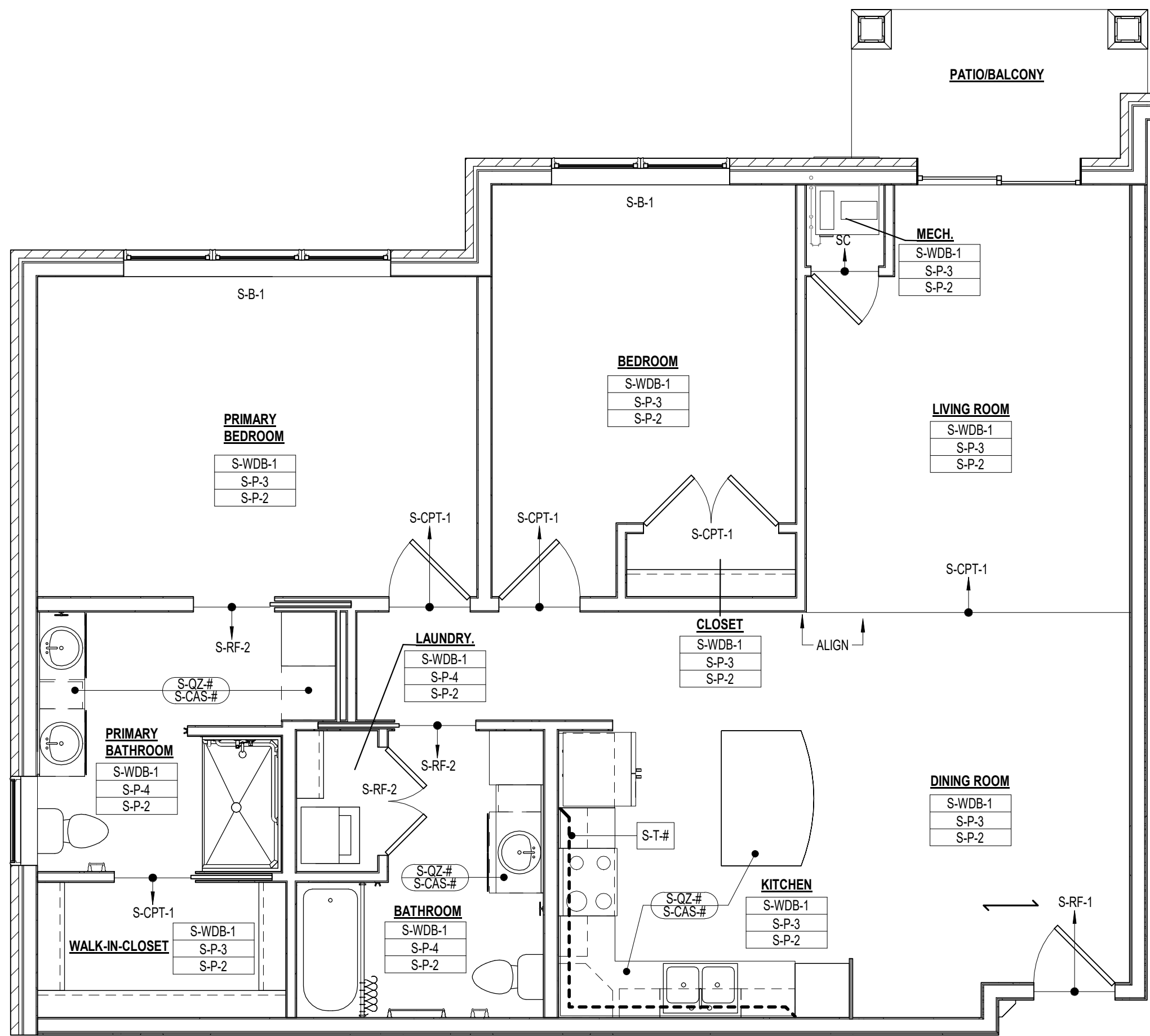
- REFER TO M.O. FOR GENERAL NOTES, FINISH KEY, AND ABBREVIATIONS.
- REFER TO M.1 FOR COMMONS FINISH LEGEND.
- REFER TO M.2 FOR UNIT FINISH LEGEND.
- APARTMENT FINISHES ARE SHOWN AS STANDARD PACKAGE FOR PRICING. FINAL FINISH PACKAGE TO BE DETERMINED BY RESIDENT PER EACH UNIT.



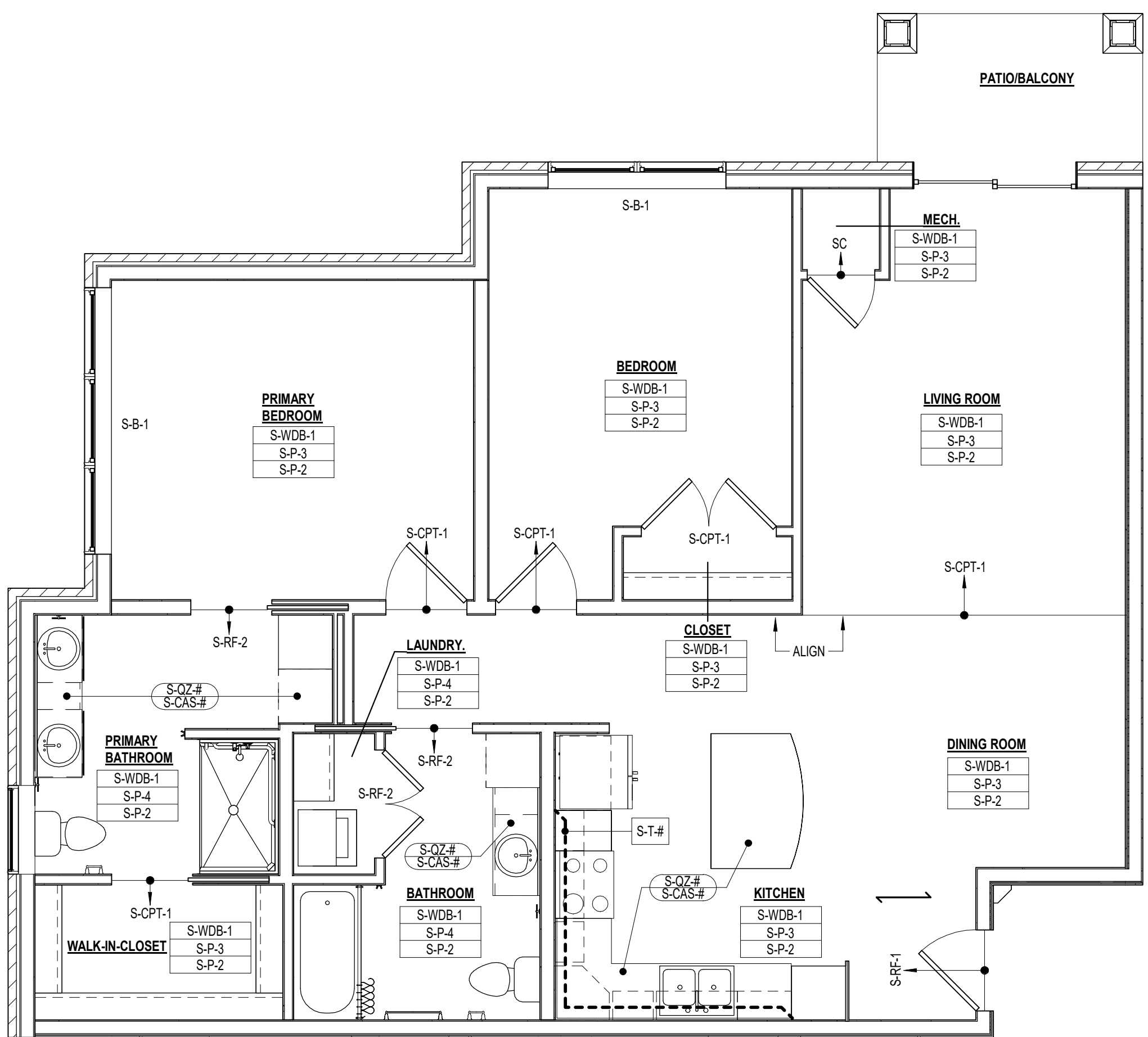
4 UNIT D2 - WILLOW
1/4" = 1'-0"



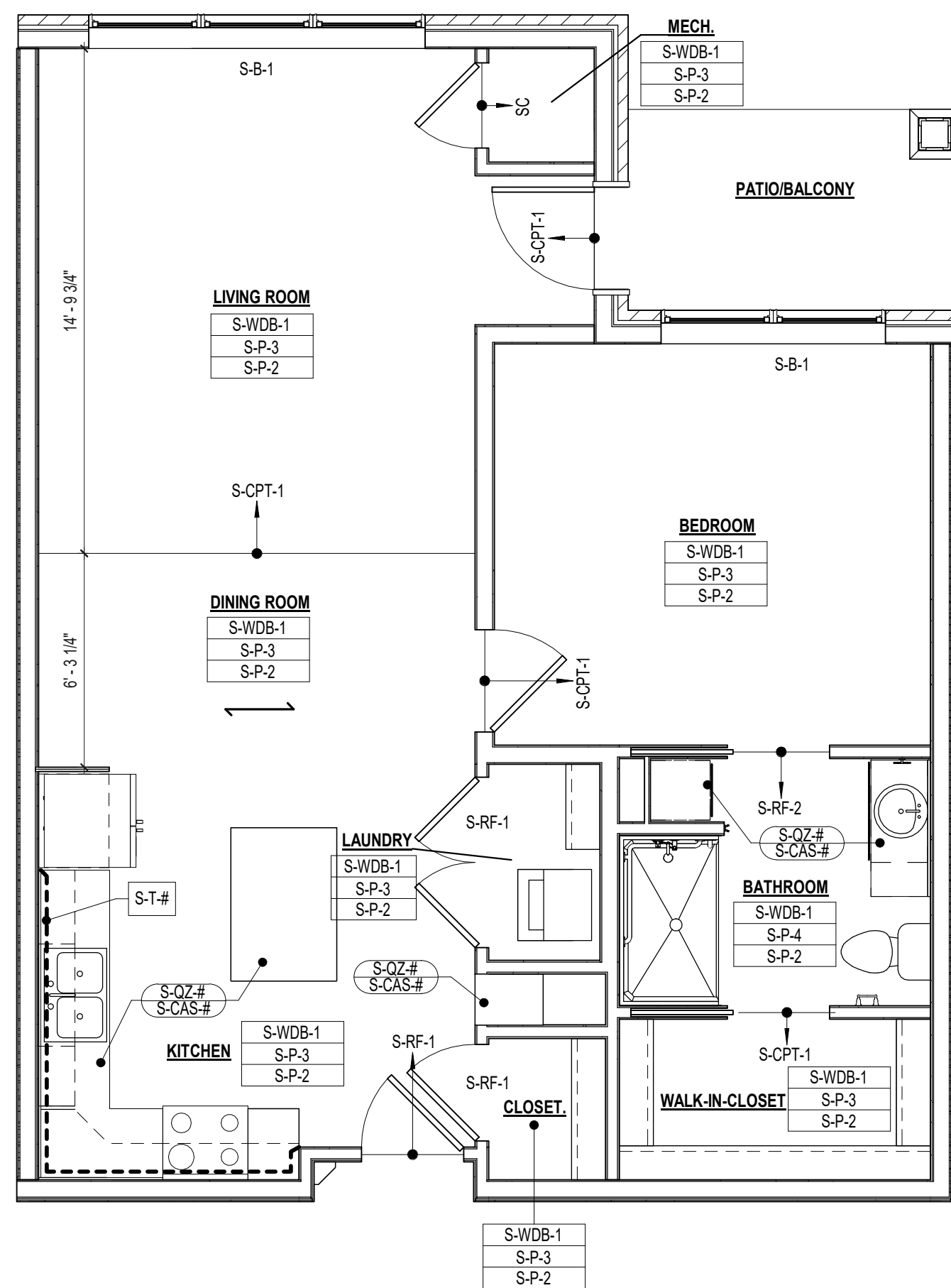
2 UNIT C - CEDA
1/4" = 1'-0"



5 UNIT D3 - CYPRESS
1/4" = 1'-0"



3 UNIT D1 - HICKORY
1/4" = 1'-0"



1 UNIT B - BIRCH
1/4" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



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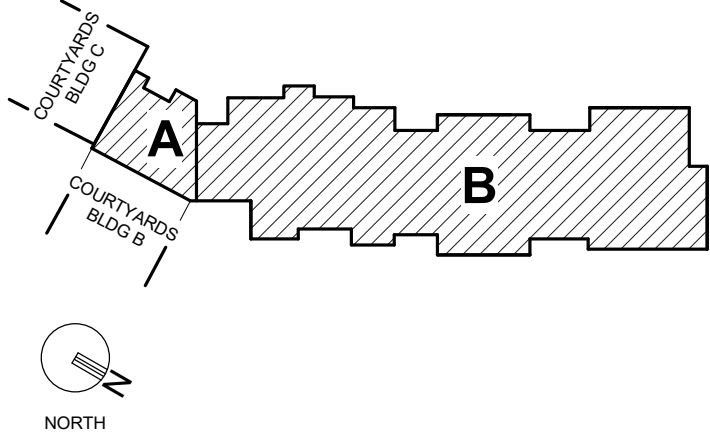
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ARCHITECT : DAS	CHECKED : KED
ENGINEER : DES	APPROVED : CRJ
NO.	REVISION DESCRIPTION DATE

DRAWING TITLE

ENLARGED FINISH PLANS
- IL UNITS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	12.1

KEYPLAN



GENERAL NOTES

- FURNITURE N.I.C.

CONSTRUCTION SET



PROJECT TITLE



John Knox Village

COURTYARDS - BUILDING E

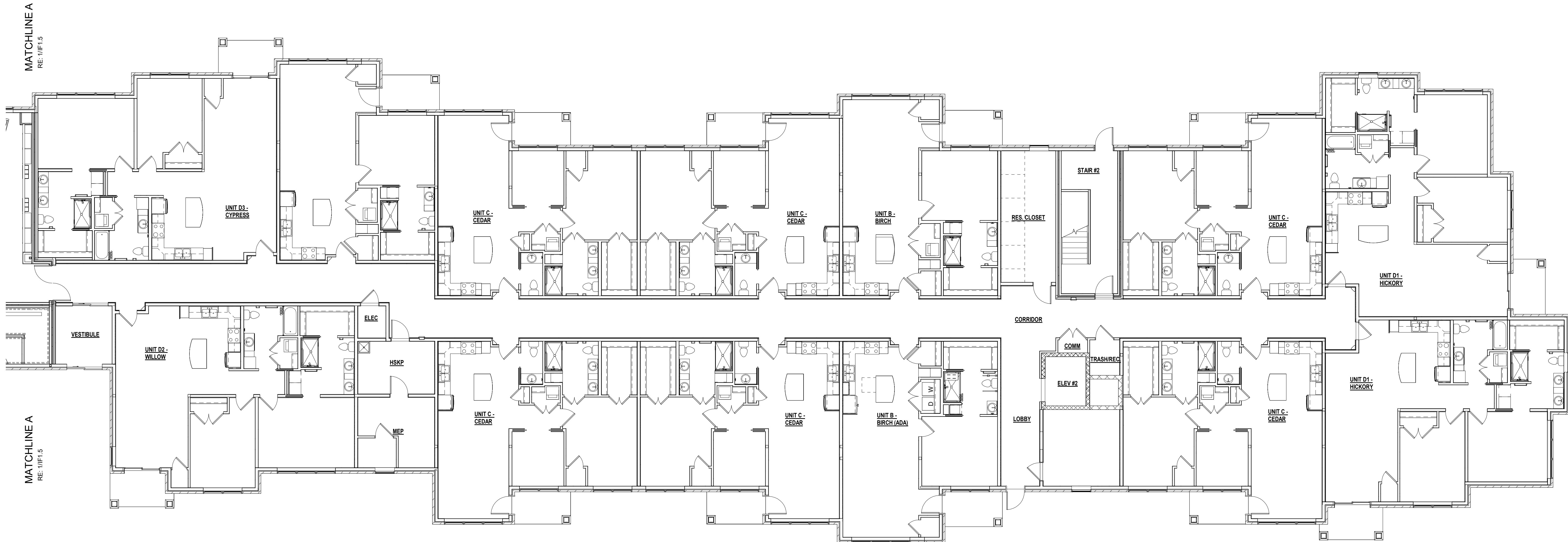
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NO.	REVISION DESCRIPTION	DATE

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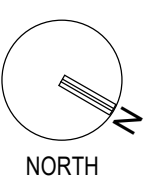
FIRST FLOOR FURNITURE
PLAN - IL UNITS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	IF1.1

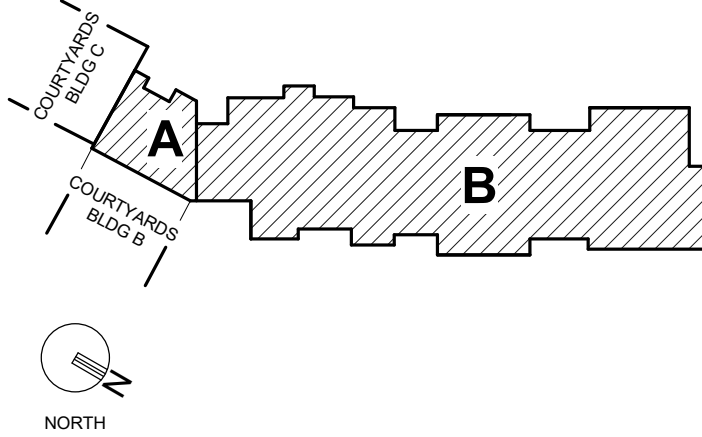


FIRST FLOOR FURNITURE PLAN - IL
UNITS

1/8" = 1'-0"



KEYPLAN



GENERAL NOTES

1. FURNITURE N.I.C.

CONSTRUCTION SET



PROJECT TITLE



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DRAWING TITLE

**SECOND FLOOR
FURNITURE PLAN - IL
UNITS**

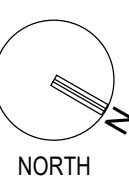
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COMM. NO.	23104.00	IF1.2

MATCHLINE A
REV 2/11/15

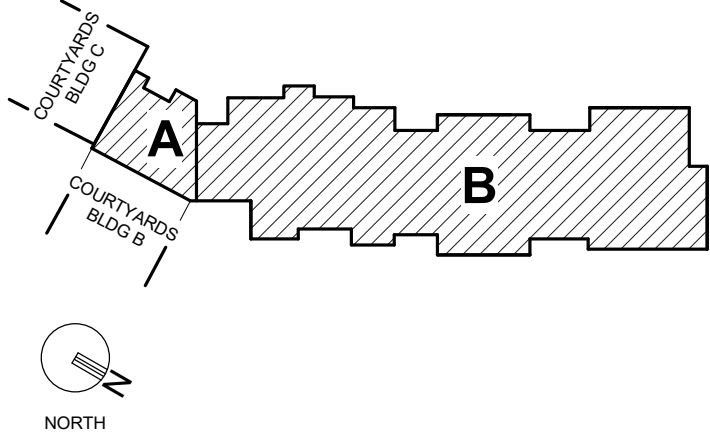
MATCHLINE A
REV 2/11/15

**SECOND FLOOR FURNITURE PLAN -
IL UNITS**

1/8" = 1'-0"



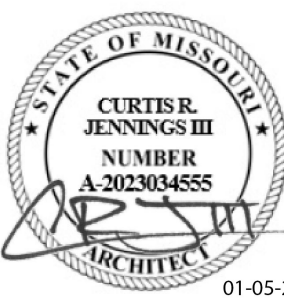
KEYPLAN



GENERAL NOTES

- FURNITURE N.I.C.

CONSTRUCTION SET



PROJECT TITLE



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ENGINEER : Designer	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE

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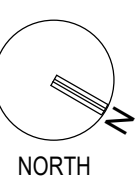
THIRD FLOOR FURNITURE
PLAN - IL UNITS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	IF1.3

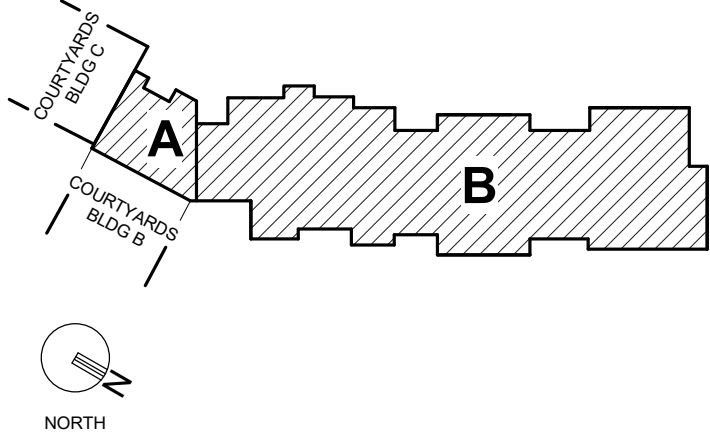
MATCHLINE A
REF: TYP 7.6

MATCHLINE A
REF: TYP 7.6

THIRD FLOOR FURNITURE PLAN - IL
UNITS
1/8" = 1'-0"



KEYPLAN



GENERAL NOTES

1. FURNITURE N.I.C.

CONSTRUCTION SET



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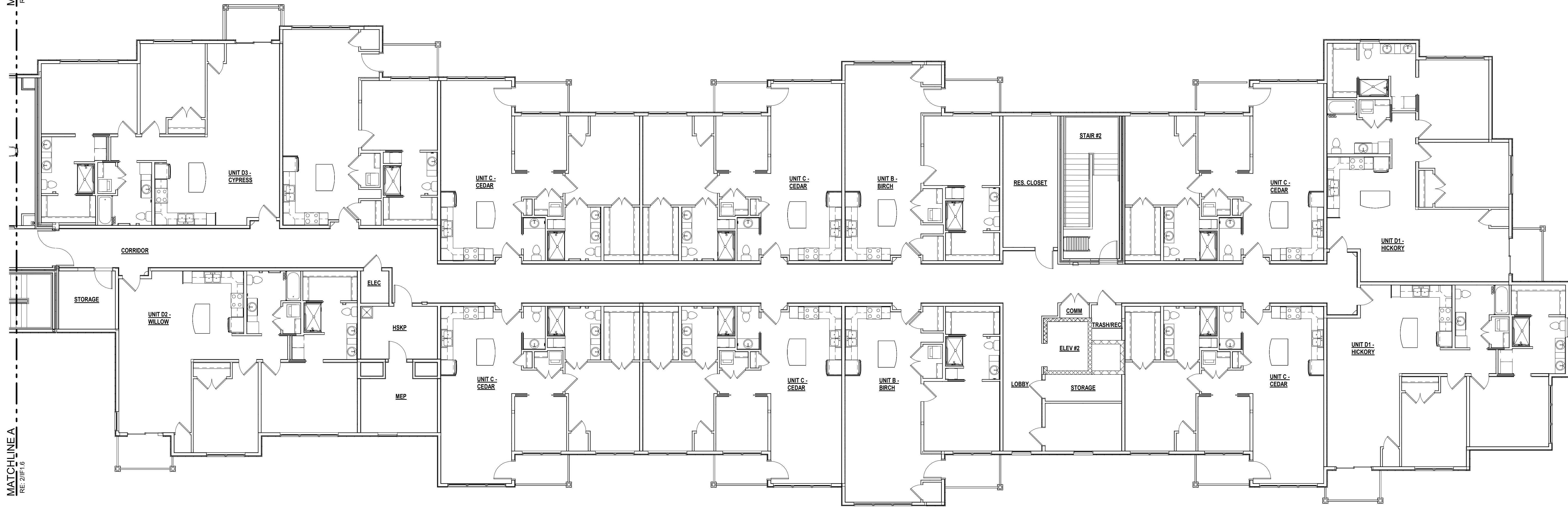
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ENGINEER : Designer	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE

DRAWING TITLE

FOURTH FLOOR
FURNITURE PLAN - IL
UNITS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	IF1.4

MATCHLINE A
RE: 20/F1.6

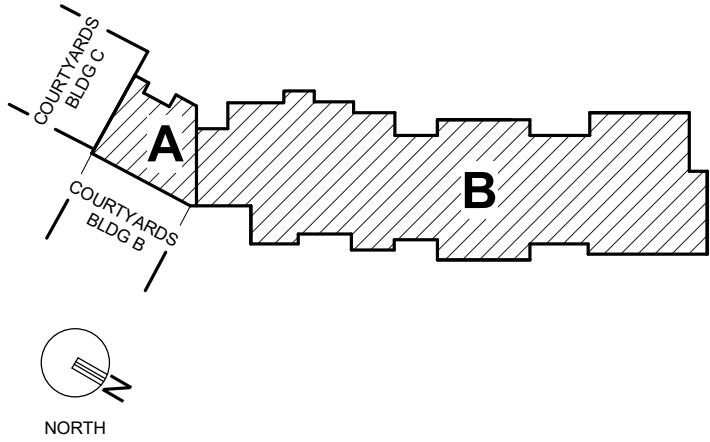


FOURTH FLOOR FURNITURE PLAN -
IL UNITS

1
1/8" = 1'-0"



KEYPLAN



GENERAL NOTES

1. FURNITURE N.I.C.

CONSTRUCTION SET



01-05-2024

PROJECT TITLE



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DRAWING TITLE

FIRST AND SECOND
FLOOR FURNITURE PLANS
- ATRIUM

DATE: January 5, 2024

DRAWING

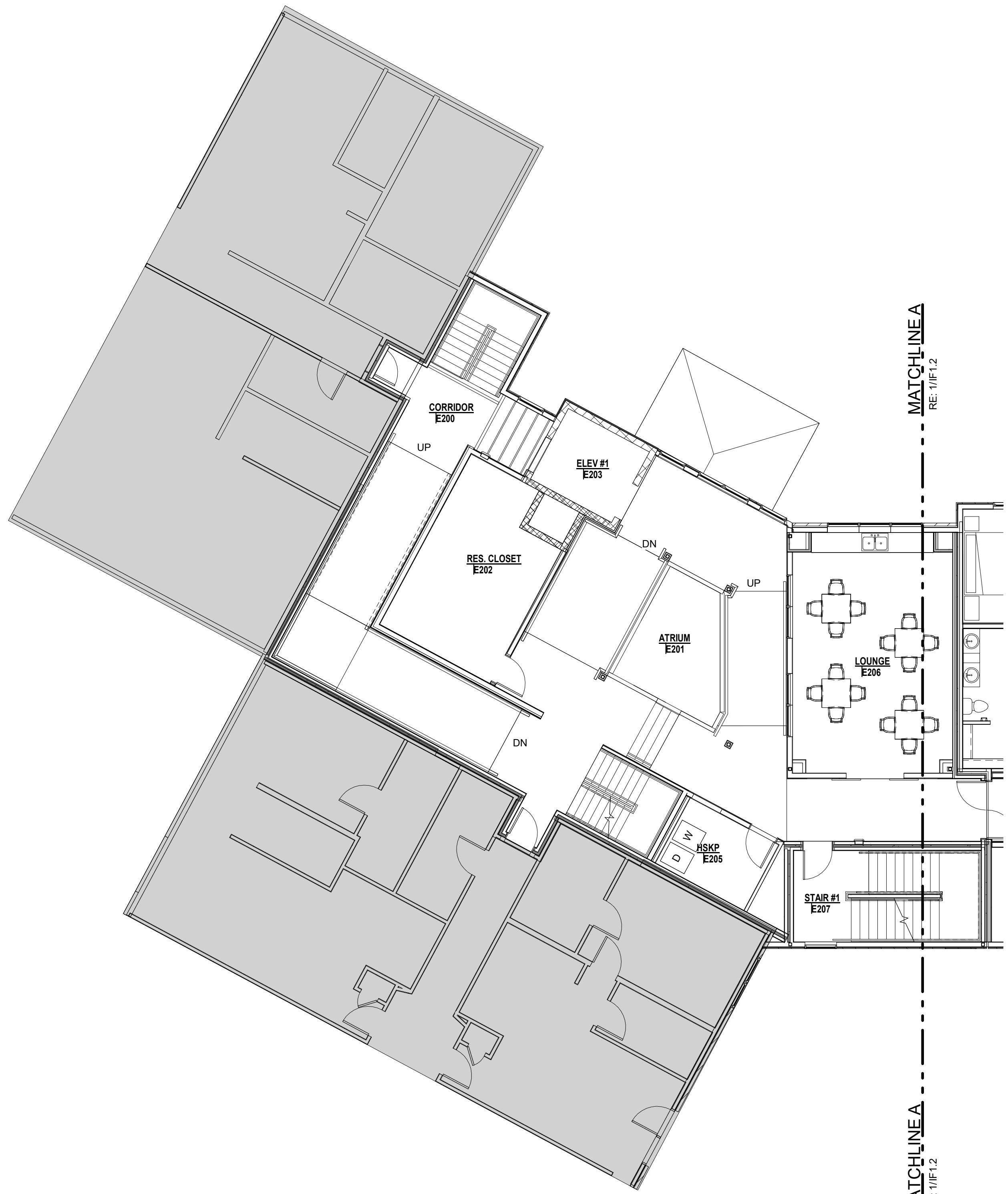
COMM. NO. 23104.00

IF1.5



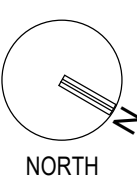
FIRST FLOOR FURNITURE PLAN -
ATRIUM

1/8" = 1'-0"



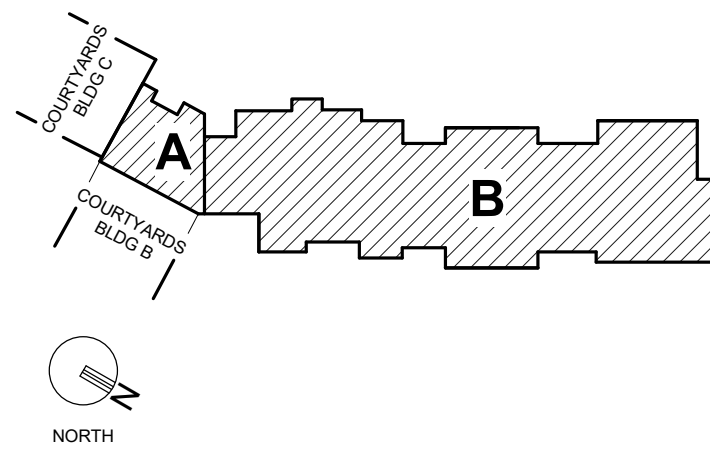
SECOND FLOOR FURNITURE PLAN -
ATRIUM

1/8" = 1'-0"



NORTH

KEYPLAN



GENERAL NOTES

- FURNITURE N.I.C.

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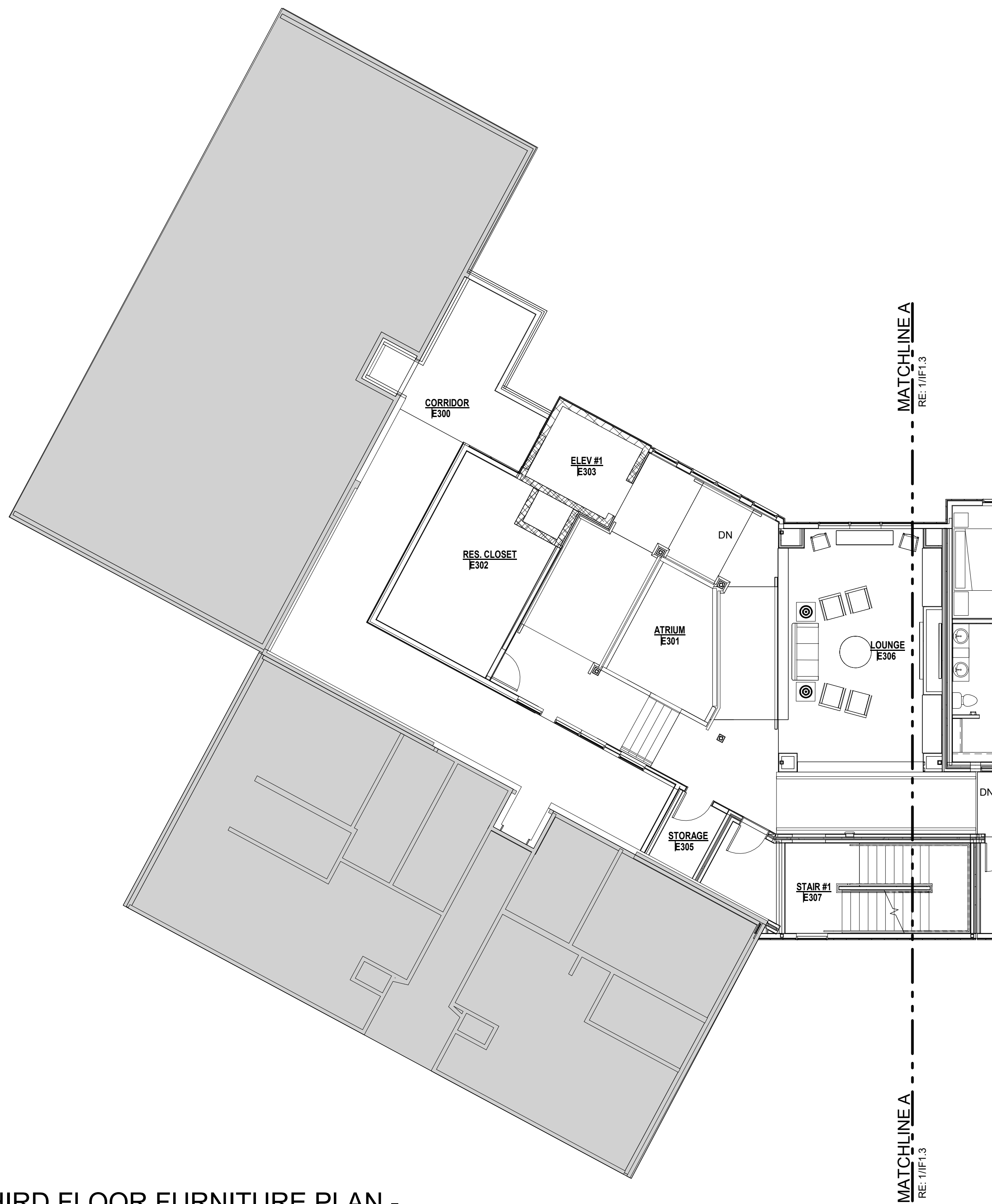
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ENGINEER : Designer	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE

DRAWING TITLE

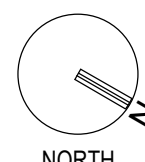
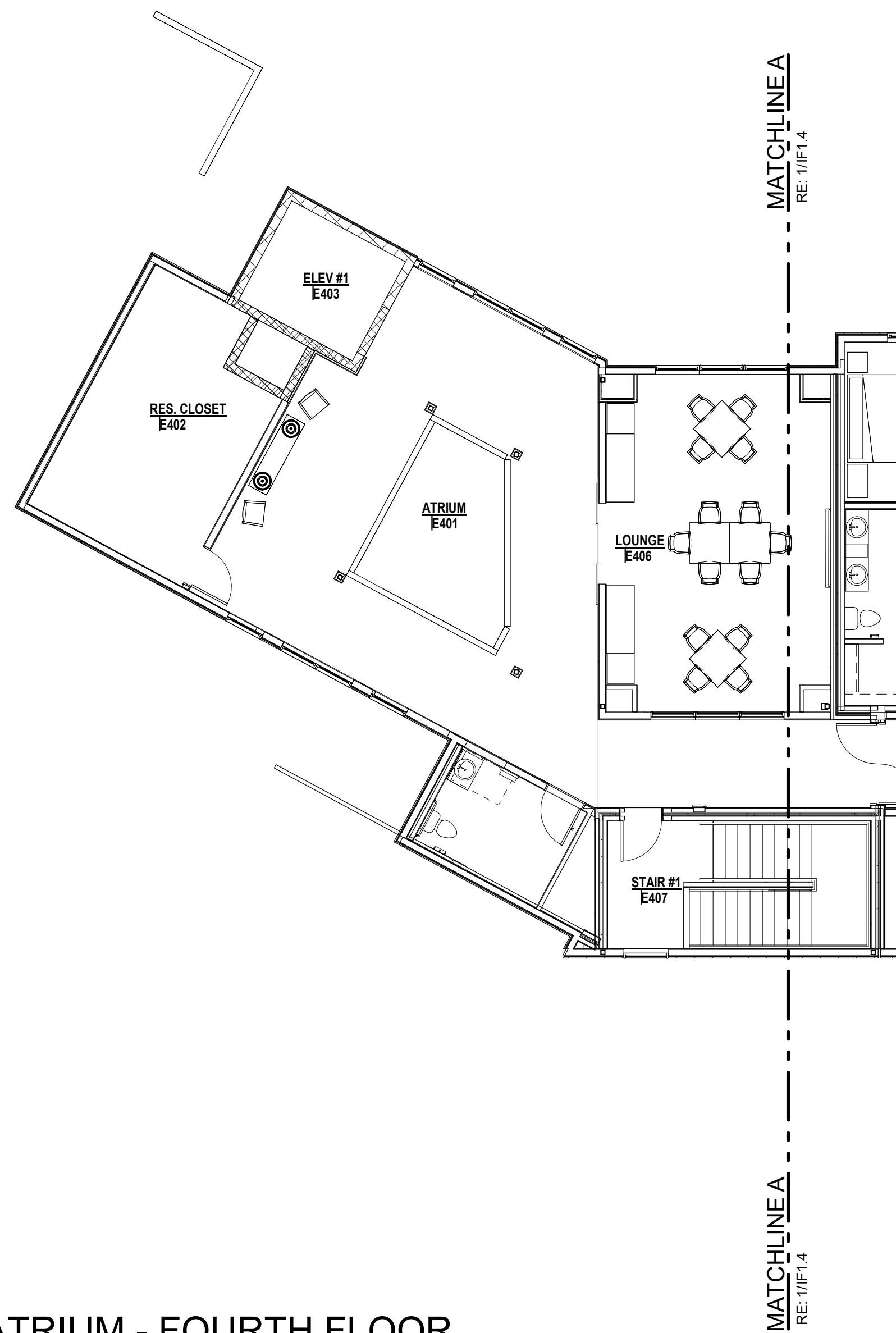
THIRD AND FOURTH
FLOOR FURNITURE PLANS
- ATRIUM

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	IF1.6

1
THIRD FLOOR FURNITURE PLAN -
ATRIUM
1/8" = 1'-0"

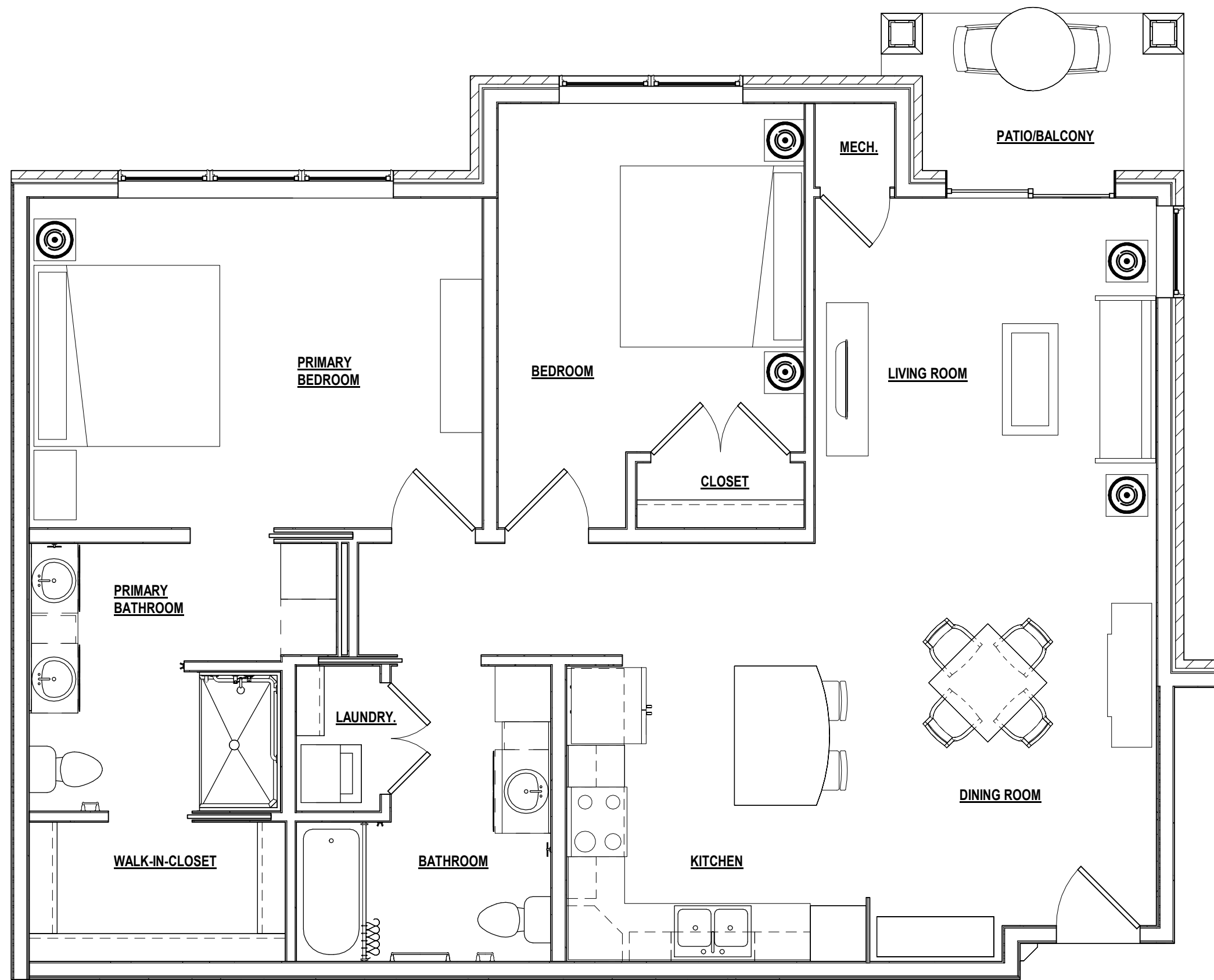
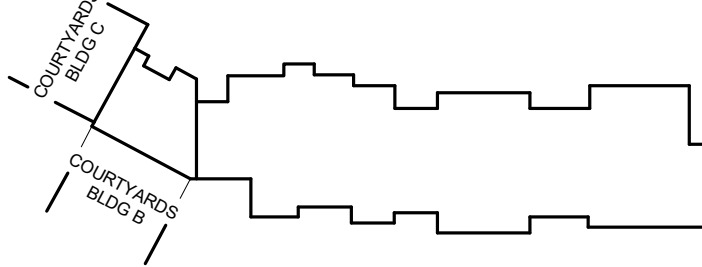


2
ATRIUM - FOURTH FLOOR
FURNITURE PLAN
1/8" = 1'-0"

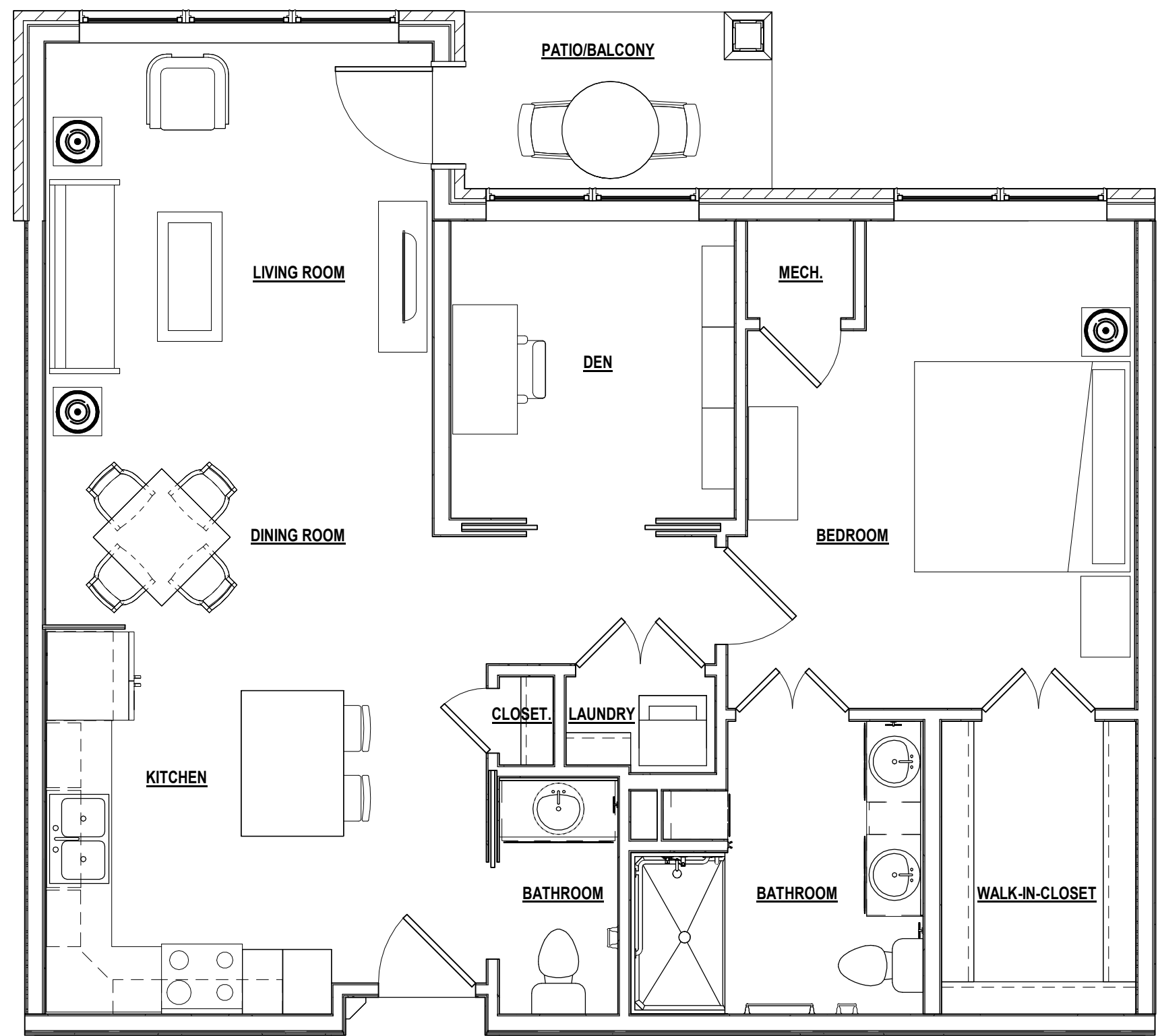


GENERAL NOTES

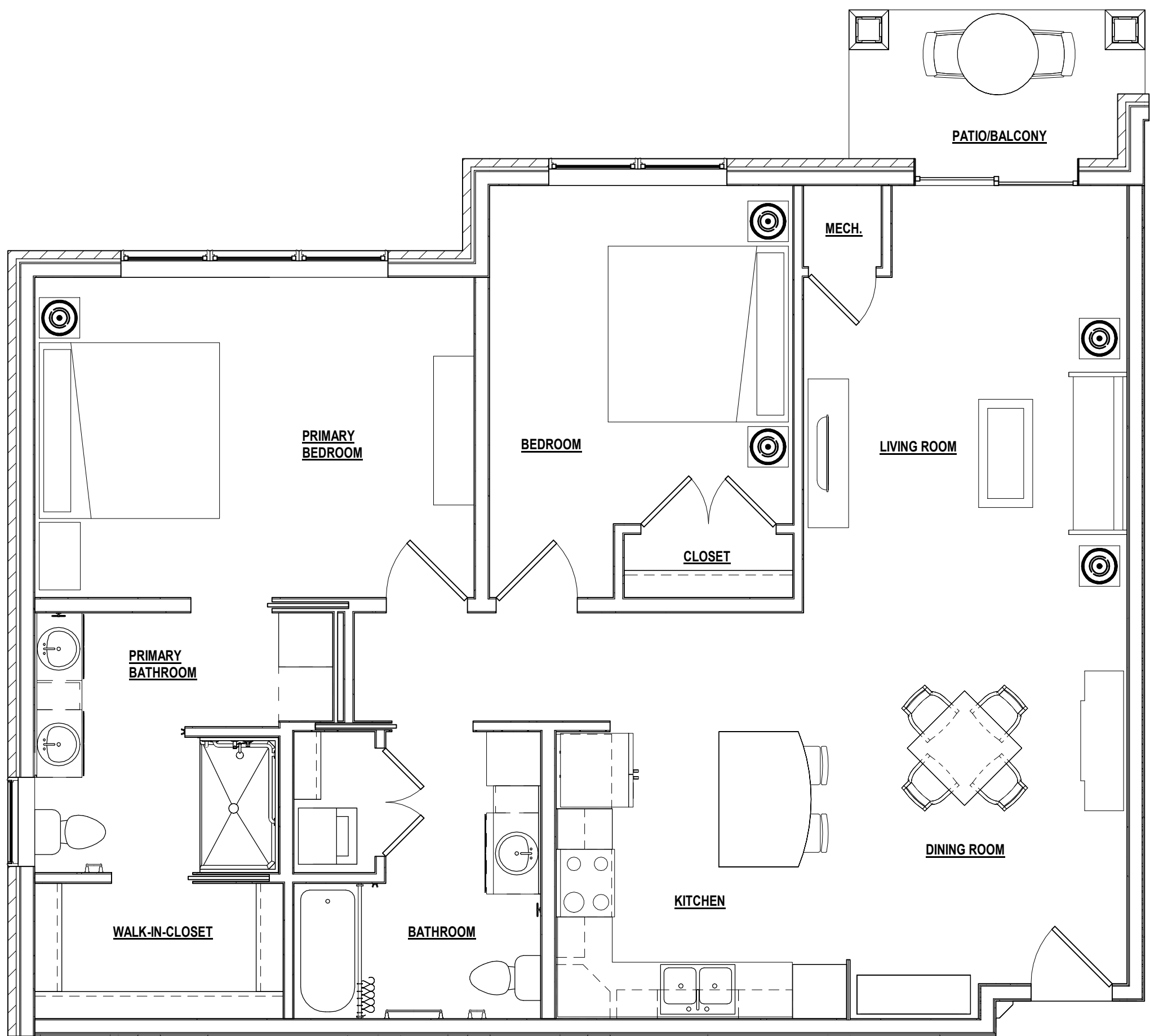
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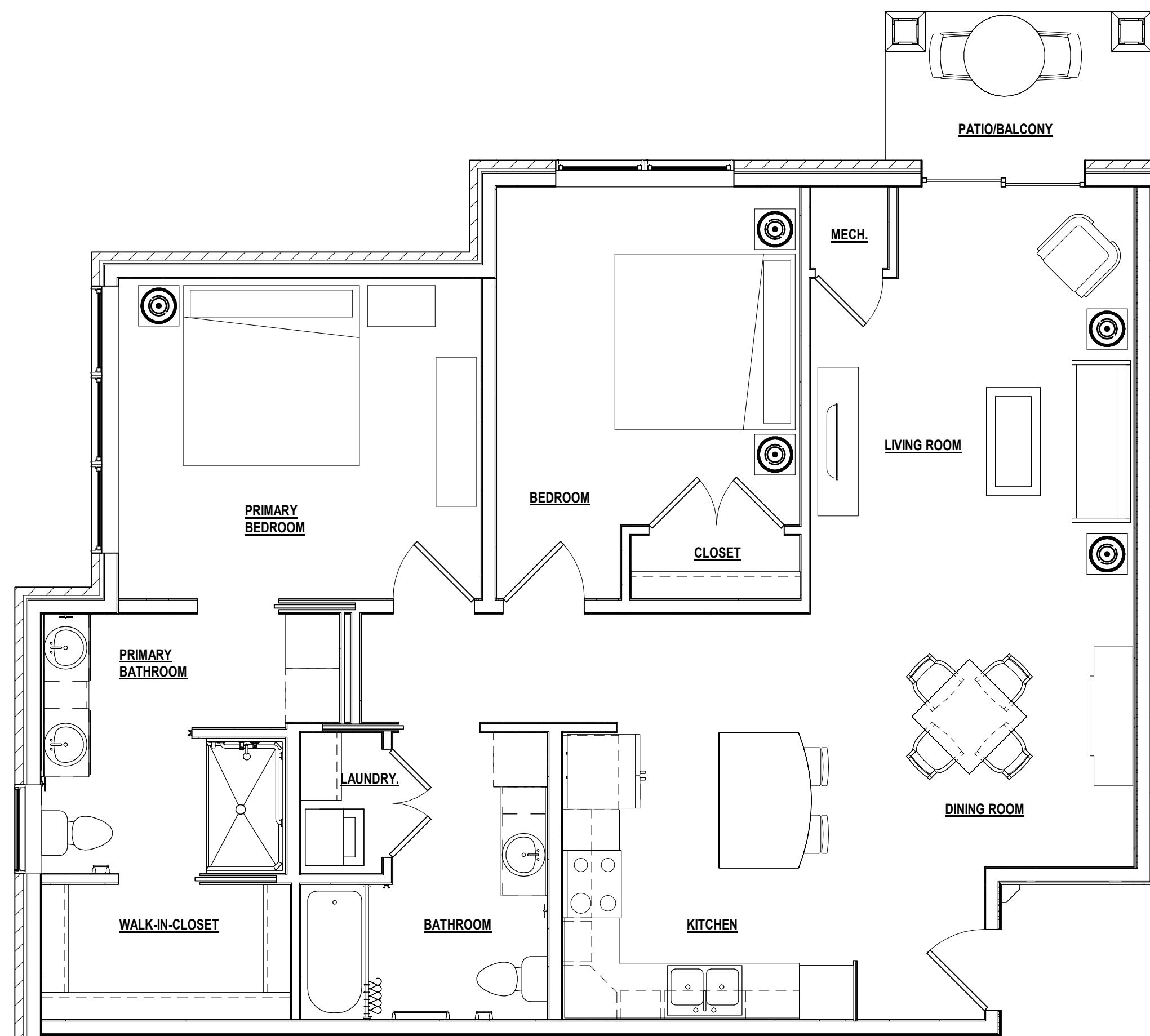
4 UNIT D2 - WILLOW
1/4" = 1'-0"



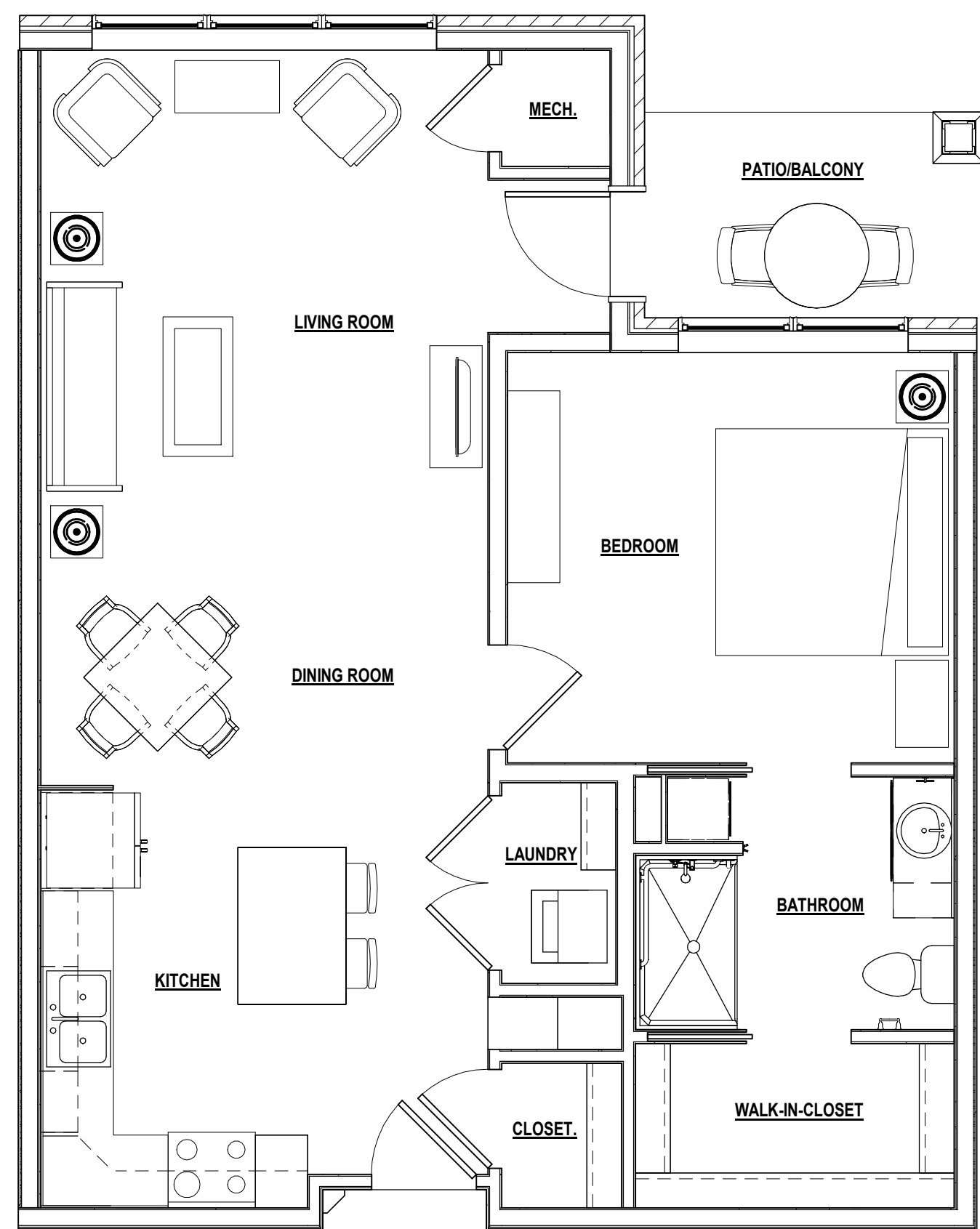
2 UNIT C - CEDA
1/4" = 1'-0"



5 UNIT D3 - CYPRESS
1/4" = 1'-0"

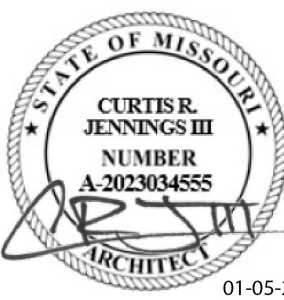


3 UNIT D1 - HICKORY
1/4" = 1'-0"



1 UNIT B - BIRCH
1/4" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



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ENGINEER : Designer	APPROVED : CRJ	
NO.	REVISION DESCRIPTION	DATE

DRAWING TITLE

ENLARGED FURNITURE
PLANS - IL UNITS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	IF2.1

GENERAL STRUCTURAL NOTES

BASIS OF DESIGN

DESIGN IS IN ACCORDANCE WITH THE 2018 INTERNATIONAL BUILDING CODE (ASCE 7-16).

DESIGN OF CONCRETE STRUCTURES IS BASED ON THE REQUIREMENTS OF ACI 318 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, EDITION AS REFERENCED IN GOVERNING BUILDING CODE.

DESIGN OF STRUCTURAL STEEL IS BASED ON THE REQUIREMENTS OF AISC 360 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS," EDITION AS REFERENCED IN GOVERNING BUILDING CODE AND AISI MANUAL OF STEEL CONSTRUCTION, 14TH EDITION.

DESIGN OF MASONRY STRUCTURES IS BASED ON THE REQUIREMENTS OF TMS 402 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES AND TMS 602 "SPECIFICATIONS FOR MASONRY STRUCTURES," EDITIONS AS REFERENCED IN GOVERNING BUILDING CODE.

DESIGN OF WOOD STRUCTURES IS BASED ON THE REQUIREMENTS OF ANSI/APA NDS "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" AND AWC SDPWS "SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC," EDITION AS REFERENCED IN GOVERNING BUILDING CODE.

DESIGN LOADS:
FLOOR LIVE LOAD
CORRIDORS 100 PSF
RESIDENTIAL 55 PSF (INCLUDES 15 PSF PARTITION LOAD)
BALCONY 60 PSF
STORAGE AREAS 125 PSF

UNIFORM LIVE LOADS HAVE BEEN REDUCED.

ROOF LIVE LOAD: FLAT: 30 PSF.

ROOF SNOW LOAD
GROUND SNOW LOAD (Pg): 20 PSF
FLAT-ROOF SNOW LOAD (Pf): 14 PSF+5 PSF RAIN ON SNOW SURCHARGE
SNOW EXPOSURE FACTOR (Ce): 1.0
THERMAL FACTOR (Ct): 1.0
SNOW LOAD IMPORTANCE FACTOR (I): 1.0

WIND DESIGN DATA
ULTIMATE WIND SPEED, Vult: 109 MPH (3-SECOND GUST)
NOMINAL WIND SPEED, Vnd: 85 MPH (3-SECOND GUST)
RISK CATEGORY: II
EXPOSURE CATEGORY: B
INTERNAL PRESSURE COEFFICIENT (Gcpl): +0.018
COMPONENTS AND CLADDING DESIGN PRESSURES (ULTIMATE, FOR REFERENCE ONLY. SPECIFIC DESIGN PRESSURES FOR EACH COMPONENT SHALL BE CALCULATED BY THE LICENSED PROFESSIONAL ENGINEER RESPONSIBLE FOR THE COMPONENT'S DESIGN).
ROOF PRESSURES:
EFFECTIVE WIND AREA (SF)
ZONE 1 10 50 100
1 +16/-36 +16/-32 +16/-30
1' +16/-22 +16/-22 +16/-22
2 +16/-50 +16/-43 +16/-40
3 +16/-68 +16/-53 +16/-47
WALL PRESSURES:
EFFECTIVE WIND AREA (SF)
ZONE 10 50 100
4 +22/-24 +20/-22 +19/-21
5 +22/-29 +20/-25 +19/-23
SEE ASCE 7 FOR ZONE LOCATIONS. EDGE DISTANCE "0.2h" = 8.6 FT.

EARTHQUAKE DESIGN DATA
SEISMIC IMPORTANCE FACTOR (I): 1.0
RISK CATEGORY: II
MAPPED SPECTRAL RESPONSE ACCELERATIONS: Ss: 9.9%g
S1: 6.8%g
SITE CLASS: C
DESIGN SPECTRAL RESPONSE ACCELERATIONS: SDS: 8.6%g
SD1: 6.8%g
SEISMIC DESIGN CATEGORY: B
BASIC SEISMIC FORCE-RESISTING SYSTEM: LIGHT FRAMED WALLS SHEATHED WITH WOOD STRUCTURAL PANELS
DESIGN BASE SHEAR: 44 KIPS
SEISMIC RESPONSE COEFFICIENT: Cs: 0.0132
RESPONSE MODIFICATION COEFFICIENT: R: 6.5
ANALYSIS PROCEDURE - EQUIVALENT LATERAL FORCE PROCEDURE

RAIN DESIGN DATA
H=RAIN INTENSITY=3.67 IN/HOUR
R=RAIN DESIGN LOAD=19 PSF
MECHANICAL EQUIPMENT LOADS SHOWN ARE DESIGN MINIMUMS. NO PROVISIONS HAVE BEEN MADE FOR MECHANICAL EQUIPMENT LOADS EXCEPT AS SHOWN. CONTRACTOR SHALL ESTABLISH AND COORDINATE ACTUAL LOADS OF ALL SELECTED EQUIPMENT. SUBMIT ALL SELECTED EQUIPMENT AND ALL ADDITIONAL EQUIPMENT REQUIREMENTS FOR APPROVAL. COORDINATE ALL EQUIPMENT LOADS WITH MATERIAL FABRICATORS.

DESIGN INCLUDES NO PROVISION FOR FUTURE VERTICAL EXPANSION OF THE STRUCTURE. FUTURE HORIZONTAL CONSTRUCTION SHALL BE STRUCTURALLY INDEPENDENT AND SEPARATED BY A BUILDING JOINT.

SPECIAL INSPECTIONS
TESTING AND INSPECTION OF THE FOLLOWING BUILDING ELEMENTS IS TO BE PROVIDED IN ACCORDANCE WITH THE 2018 INTERNATIONAL BUILDING CODE, CHAPTER 17. (SEE SPECIFICATIONS FOR DETAILED INSPECTION REQUIREMENTS):
1. PREPARED FILL: SITE PREPARATION, FILL PLACEMENT, AND EVALUATION OF IN-PLACE DENSITY.
2. CONCRETE CONSTRUCTION: MATERIALS, REINFORCING STEEL, FOUNDATION SUBGRADE AND PLACEMENT OPERATIONS.
3. MASONRY CONSTRUCTION: MATERIALS, STRENGTH, AND CONSTRUCTION OPERATIONS.
4. WOOD CONSTRUCTION: FLOOR AND ROOF TRUSS FABRICATION, STRUCTURAL STEEL CONSTRUCTION: MATERIALS AND ERECTION, INCLUDING CONNECTIONS, BOLTING AND WELDING.

GENERAL REQUIREMENTS AND CONDITIONS
WHERE A SECTION OR DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY TO ALL LIKE CONDITIONS EVEN THOUGH NOT SPECIFICALLY MARKED ON THE PLANS.

DIMENSIONS AND ELEVATIONS SHOWN FOR EXISTING CONSTRUCTION ARE BASED ON EXISTING CONSTRUCTION DRAWINGS AND ARE NOT FIELD-MEASURED. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS, AND GEOMETRY AT EXISTING CONSTRUCTION. REPORT DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.

WHERE ATTACHMENTS (BOLTS, WELDS, STRAPS, ETC.) ARE DENOTED AS "ON-CENTER" ALONG A MEMBER LENGTH, IT IS IMPLIED THAT AT LEAST ONE (1) ATTACHMENT IS PLACED AT THE BEGINNING AND END OF SUCH MEMBER (WITHIN 6" UNLESS NOTED OTHERWISE).

THE CONTRACTOR SHALL PROTECT THE STRUCTURE DURING CONSTRUCTION AGAINST EARTH PRESSURE, WIND AND OTHER FORCES UNTIL PERMANENT SUPPORTS ARE IN PLACE.

RELATED WORK SPECIFIED OR SHOWN ELSEWHERE
REFER TO PROJECT SPECIFICATIONS AND OTHER PROJECT DRAWINGS FOR RELATED WORK SPECIFIED OR SHOWN ELSEWHERE INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
1. PENETRATIONS, SLEEVES, OPENINGS.
2. INSERTS, EMBEDS, ANCHOR BOLTS AND ANCHORAGE FOR ATTACHMENT OF NON-STRUCTURAL ITEMS.
3. SIZE AND LOCATION OF EQUIPMENT FOUNDATIONS AND PADS
4. ROOF CURBS FOR ROOF MOUNTED EQUIPMENT.
5. RETAINING WALLS, UTILITY STRUCTURES, PAVEMENT, WALKS AND OTHER STRUCTURES OUTSIDE THE BUILDING LINE.
6. FLOOR DEPRESSIONS, FLOOR SLOPES, AND FLOOR SLOPES TO DRAIN.
7. STAIRS, STAIR DETAILS AND STAIR DIMENSIONS.

FOUNDATIONS
STRIP AND SPREAD FOOTINGS ARE DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS FOUND IN THE "REPORT OF GEOTECHNICAL EXPLORATION," JKV COURTYARD E BUILDING, PREPARED BY KRUGER TECHNOLOGIES, INC DATED SEPTEMBER 25, 2023. KTI PROJECT NUMBER: 223164G.

SPREAD FOOTINGS ARE DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 2500 PSF.

THE PREPARED FOUNDATION BEARING SOILS SHALL NOT BE LEFT EXPOSED DURING INCLEMENT WEATHER OR OPEN AND EXPOSED LONGER THAN 24 HOURS. PLACE A 2-1/2" THICK UNREINFORCED CONCRETE PAD OVER BEARING SOILS IF EXCAVATION WILL BE OPEN MORE THAN 24 HOURS OR INCLEMENT WEATHER IS EXPECTED.

ALL FOUNDATIONS SHALL BE CENTERED UNDER SUPPORTED WALLS AND COLUMNS. UNLESS NOTED OTHERWISE.

STRUCTURAL FILL MATERIAL AND COMPACTION PROCEDURES SHALL CONFORM TO THE ABOVE-REFERENCED GEOTECHNICAL REPORT.

CONCRETE
AS FOLLOWS:
DESCRIPTION UNIT WEIGHT (PCF) FC AT 28 DAYS (PSI)
FOOTINGS AND GRADE BEAMS 150 3000
SLABS ON GRADE 150 3000
EXTERIOR FLAT WORK 150 4500

REINFORCING STEEL SHALL MEET ASTM A615, GRADE 60, DEFORMED.

MINIMUM LAP SPICES FOR REINFORCING BARS SHALL BE CLASS B, TENSION LAP CONFORMING TO ACI 318. STAGGER LAP SPICES, UNLESS INDICATED OTHERWISE.

PROVIDE THE FOLLOWING MINIMUM CONCRETE COVER FOR REINFORCING BARS:
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3"
CONCRETE EXPOSED TO EARTH OR WEATHER:
#6 AND LARGER: 2"
#5 AND SMALLER: 1-1/2"
CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:
SLABS, WALLS
#11 AND SMALLER: 1/2"
CONCRETE WALLS INTERSECTING CONCRETE PIERS SHALL BE CAST MONOLITHICALLY WITH PIERS, UNLESS INDICATED OTHERWISE.

CONCRETE MASONRY UNITS
CONCRETE UNIT MASONRY SHALL DEVELOP AN INSTALLED COMPRESSIVE STRENGTH (fm) AT 28 DAYS OF 2000 PSI.

GROUT FOR CONCRETE UNIT MASONRY SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 2000 PSI.

GROUT SOLID ALL CELLS BELOW GRADE.

GROUT SOLID ALL CELLS BETWEEN FOOTINGS AND SLAB ON GRADE.

IN ALL GROUTED AND/OR REINFORCED MASONRY, PROVIDE MASONRY UNITS WHICH HAVE CORES THAT ALIGN VERTICALLY TO PROVIDE CONTINUOUS UNOBSTRUCTED CELLS FOR GROUTING AND REINFORCING STEEL PLACEMENT.

WHERE MASONRY IS INDICATED TO BE FULLY GROUTED OR GROUTED SOLID, ALL CORES WITH AND WITHOUT REINFORCEMENT SHALL BE GROUTED.

LAP SPLICE REINFORCEMENT IN CONCRETE UNIT MASONRY AS FOLLOWS:
BAR SIZE LAP LENGTH
#3 18"
#4 24"
#5 30"
#6 43"

ALL CONCRETE MASONRY UNIT WALLS SHALL HAVE CONTINUOUS HORIZONTAL JOINT REINFORCEMENT AS SPECIFIED.

STRUCTURAL STEEL
STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING:
"W" SHAPES, BEAMS AND COLUMNS ASTM A992
COLD-FORMED STRUCTURAL STEEL TUBING ASTM A 500, GRADE C
OTHER SHAPES, PLATES AND BARS ASTM A36, (FY=36KSI)

ALL BOLTS SHALL BE 1/2" DIAMETER, ASTM A325-N, TYPE 1, UNLESS NOTED OTHERWISE.

MINIMUM WELDS SHALL BE 3/16" FILLET WELD ALL AROUND UNLESS INDICATED OTHERWISE.

ALL BEAM CONNECTIONS SHALL BE DOUBLE-ANGLE OR SINGLE-PLATE SHEAR CONNECTIONS DESIGNED FOR THE MINIMUM FACTORED END REACTIONS INDICATED, OR WHERE NO REACTION IS INDICATED, DESIGNED FOR LESS THAN FIFTEEN (15) KIPS.

ALL STRUCTURAL STEEL BELOW GRADE SHALL HAVE 3" CONCRETE PROTECTION.

DO NOT USE THERMAL CUTTING OF STRUCTURAL STEEL DURING ERECTION. DO NOT ENLARGE UNFAIR HOLES IN MEMBERS BY BURNING OR BY USING DRIFT PINS.

PROVIDE CAP PL 3/8" AT ALL STEEL COLUMNS UNLESS NOTED OTHERWISE.

ROUGH CARPENTRY AND ENGINEERED LUMBER PRODUCTS
LUMBER: NOMINAL SIZES ARE INDICATED, EXCEPT AS SHOWN BY DETAIL DIMENSIONS. PROVIDE DRESSED LUMBER, S4S, UNLESS NOTED OTHERWISE. PROVIDE LUMBER WITH 19 PERCENT MOISTURE CONTENT AT TIME OF DRESSING AND SHIPMENT FOR SIZES 2" OR LESS IN NOMINAL THICKNESS, UNLESS NOTED OTHERWISE.

DIMENSION LUMBER (SPECIES AND GRADE)
LOAD BEARING STUDS: NO. 1 AND 2 SPRUCE PINE FIR
STRUCTURAL FRAMING AND SILL AND TOP PLATES: SOUTHERN PINE NO. 2, KILN DRIED

ALL STUD-FRAMED WALLS SHALL BE FRAMED CONTINUOUS, WITHOUT INTERRUPTION, FROM FOUNDATION TO FLOOR OR ROOF MEMBER BEARING (PLATFORM FRAMED).

ALL 4x4 AND 6x6 WOOD POSTS SHALL BE PRESSURE-TREATED SOUTHERN PINE NO. 2, UNO.

LAMINATED VENEER LUMBER (LVL) PRODUCTS SHALL MEET OR EXCEED ALL MATERIAL PROPERTIES FOR L-LEVEL BY WEYERHAEUSER: E=1900 KSI (1.9E).

LAMINATED STRAND LUMBER (LSL) PRODUCTS SHALL MEET OR EXCEED ALL MATERIAL PROPERTIES FOR TIMBERSTRAND BY WEYERHAEUSER: E=1550 KSI (1.55E).

PARALLEL STRAND LUMBER (PSL) PRODUCTS SHALL MEET OR EXCEED ALL MATERIAL PROPERTIES FOR L-LEVEL BY WEYERHAEUSER: E=2000 KSI (2.0E) FOR BEAMS AND HEADERS, AND E=1800 KSI (1.8E) FOR COLUMNS.

ALL FASTENERS, FRAMING HARDWARE, AND CONNECTOR PLATES FASTENING PRESSURE PRESERVATIVE-TREATED (PT) LUMBER SHALL BE HOT DIPPED GALVANIZED OR STAINLESS STEEL IN ACCORDANCE WITH SPECIFICATION 081000-ROUGH CARPENTRY.

ALL NAILS SHALL BE CONSIDERED "COMMON NAILS" UNLESS NOTED OTHERWISE.

WOOD SHEATHING
CONSTRUCTION STANDARD: PS1 "US PRODUCT STANDARD FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD" FOR PLYWOOD PANELS AND WITH AMERICAN PLYWOOD ASSOCIATION (APA) "PERFORMANCE STANDARD AND POLICIES FOR STRUCTURAL-USE PANELS."

EXTERIOR WALL SHEATHING: APA RATED SHEATHING, EXPOSURE I, SPAN RATING 32/16.
INTERIOR WALL SHEATHING: APA RATED SHEATHING, EXPOSURE I, SEE SCHEDULE FOR SPAN RATING.

FLOOR SHEATHING: APA RATED TONGUE-AND-GROOVE STURD-I-FLOOR, EXPOSURE 1, SPAN RATING 24" OC.
ROOF SHEATHING: APA RATED SHEATHING, EXPOSURE I, SPAN RATING 40/20.
PLYWOOD CLIPS: 18-GAUGE, HOT-DIPPED GALVANIZED "H" CLIPS.

ATTACH SHEARWALL WALL SHEATHING TO FRAMING AS INDICATED IN SHEARWALL SCHEDULE. ATTACH REMAINING WALL, FLOOR, AND ROOF SHEATHING TO FRAMING WITH 8d COMMON NAILS @ 6" OC AT PANEL PERIMETER AND 12" OC IN FIELD. PROVIDE BLOCKING AT HORIZONTAL PANEL EDGES OF WALL SHEATHING.

PREFABRICATED WOOD TRUSSES
TRUSSES SHALL BE DESIGNED FOR ALL LOADS AS REQUIRED BY ABOVE REFERENCED BUILDING CODE, INCLUDING WIND, SNOW AND SEISMIC BUT SHALL NOT BE LESS THAN THE FOLLOWING MINIMUM LOADS:
ROOF LIVE LOAD:
TOP CHORD, LIVE LOAD: VARIES, SEE "BASIS OF DESIGN" ABOVE
BOTTOM CHORD, LIVE LOAD: 10 PSF, NONCONCURRENT WITH ROOF LIVE LOAD
FLOOR LIVE LOADS:
TOP CHORD, LIVE LOAD: VARIES, SEE "BASIS OF DESIGN" ABOVE

ROOF SUPERIMPOSED DEAD LOADS:
DEAD LOADS SHALL BE COMPUTED FOR BUILDING MATERIALS AS INDICATED AND SHALL NOT BE LESS THAN:
TOP CHORD, DEAD LOAD: 15 PSF
BOTTOM CHORD, DEAD LOAD: 10 PSF
FLOOR SUPERIMPOSED DEAD LOADS:
DEAD LOADS SHALL BE COMPUTED FOR BUILDING MATERIALS AS INDICATED AND SHALL NOT BE LESS THAN:
TOP CHORD, DEAD LOAD: 20 PSF
BOTTOM CHORD, DEAD LOAD: 10 PSF

TRUSS DESIGN SHALL ACCOUNT FOR SPECIAL LOADING CONDITIONS THAT REQUIRE APPLICATION OF ADDITIONAL DISTRIBUTED AND CONCENTRATED LOADS FROM MECHANICAL EQUIPMENT, DORMERS, VALLEY FRAMING, OVER BUILDING, AND DRIFTING SNOW. DRIFTING SNOW LOADS SHALL BE COMPUTED BASED ON THE GROUND SNOW LOAD LISTED ABOVE.

TRUSS BOTTOM CHORD DOES RECEIVE CONTINUOUS SHEATHING

ROOF TRUSSES SHALL BE SPACED AT 24" O.C. MAXIMUM, UNLESS INDICATED OTHERWISE.

FLOOR TRUSSES SHALL BE SPACED AT 16" O.C. MAXIMUM, UNLESS INDICATED OTHERWISE.

ROOF TRUSSES SHALL BE CONNECTED TO BEARING PLATE WITH SIMPSON TYPE H HURRICANE TIES OR OTHER HOLD DOWN ANCHOR DEVICES FOR THE REACTION SHOWN ON THE TRUSS SHOP DRAWINGS, BUT NOT LESS THAN ONE SIMPSON H3 HURRICANE ANCHOR PER BEARING LOCATION, UNLESS NOTED OTHERWISE.

MULTIPLE ANCHORS ARE ACCEPTABLE AT LOCATIONS WHERE REACTION EXCEEDS CAPACITY OF SINGLE CONNECTOR.

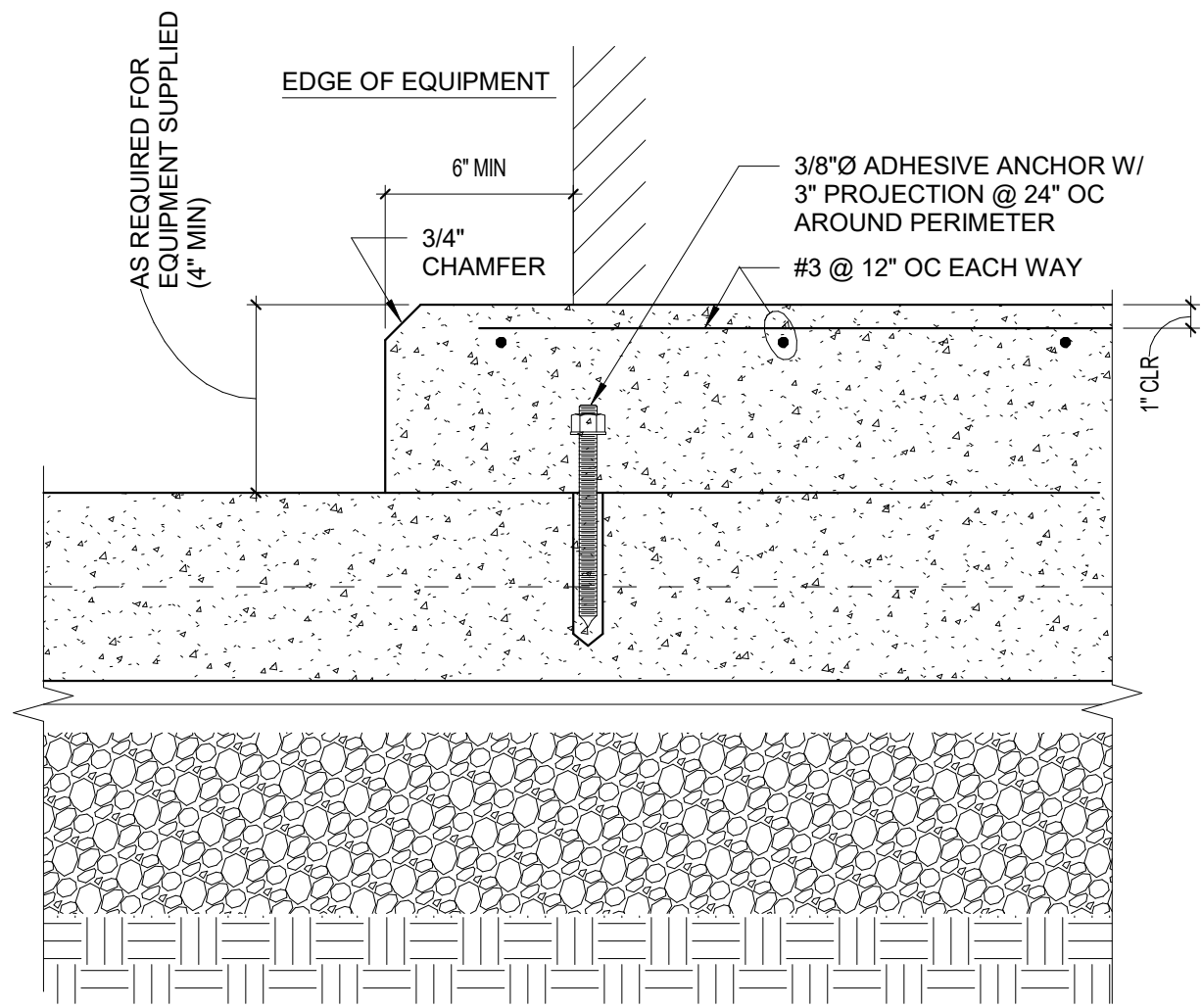
ALL TRUSSES WHICH CANNOT BE SHIPPED WHOLE AND REQUIRE A FIELD CONNECTION SHALL BE DESIGNED, DETAILED AND FABRICATED WITH BOLTED OR PLYWOOD GUSSETED JOINTS.

STEEL LINTELS AT BRICK AND CMU
ALL LINTELS SHALL CONFORM TO ARCHITECTURAL HEAD DETAILS.

EXPANSION & ADHESIVE ANCHORS
ALL EXPANSION ANCHORS SHALL BE 5/8" DIAMETER WITH 4" MINIMUM EMBEDMENT UNLESS NOTED OTHERWISE. INSTALL PER MANUFACTURER'S REQUIREMENTS IN CONCRETE OR FULLY GROUTED MASONRY.

ALL ADHESIVE ANCHORS SHALL BE 5/8" DIAMETER WITH 5" MINIMUM EMBEDMENT UNLESS NOTED OTHERWISE. INSTALL PER MANUFACTURER'S REQUIREMENTS IN CONCRETE OR FULLY GROUTED MASONRY.

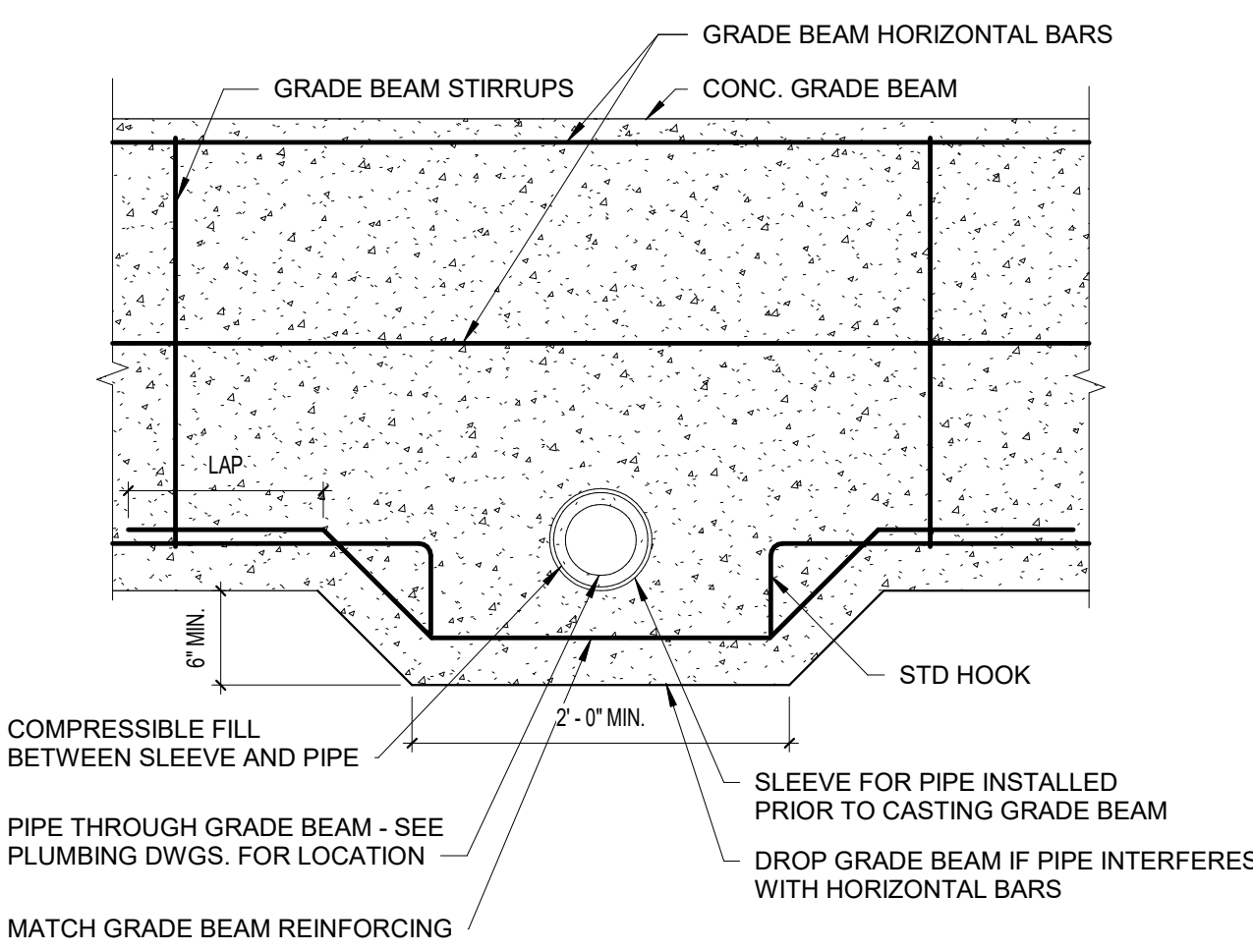
NO ANCHOR SHALL BE INSTALLED PRIOR TO RECEIVING PROPER INSTALLATION TRAINING FROM A MANUFACTURER'S REPRESENTATIVE. ALL ANCHORS SHALL BE INSTALLED BY PERSONNEL TRAINED BY MANUFACTURER'S REPRESENTATIVE.



NOTES:
1. SEE MECHANICAL, PLUMBING & ELECTRICAL DRAWINGS FOR EQUIPMENT LOCATIONS REQUIRING EQUIPMENT PADS.

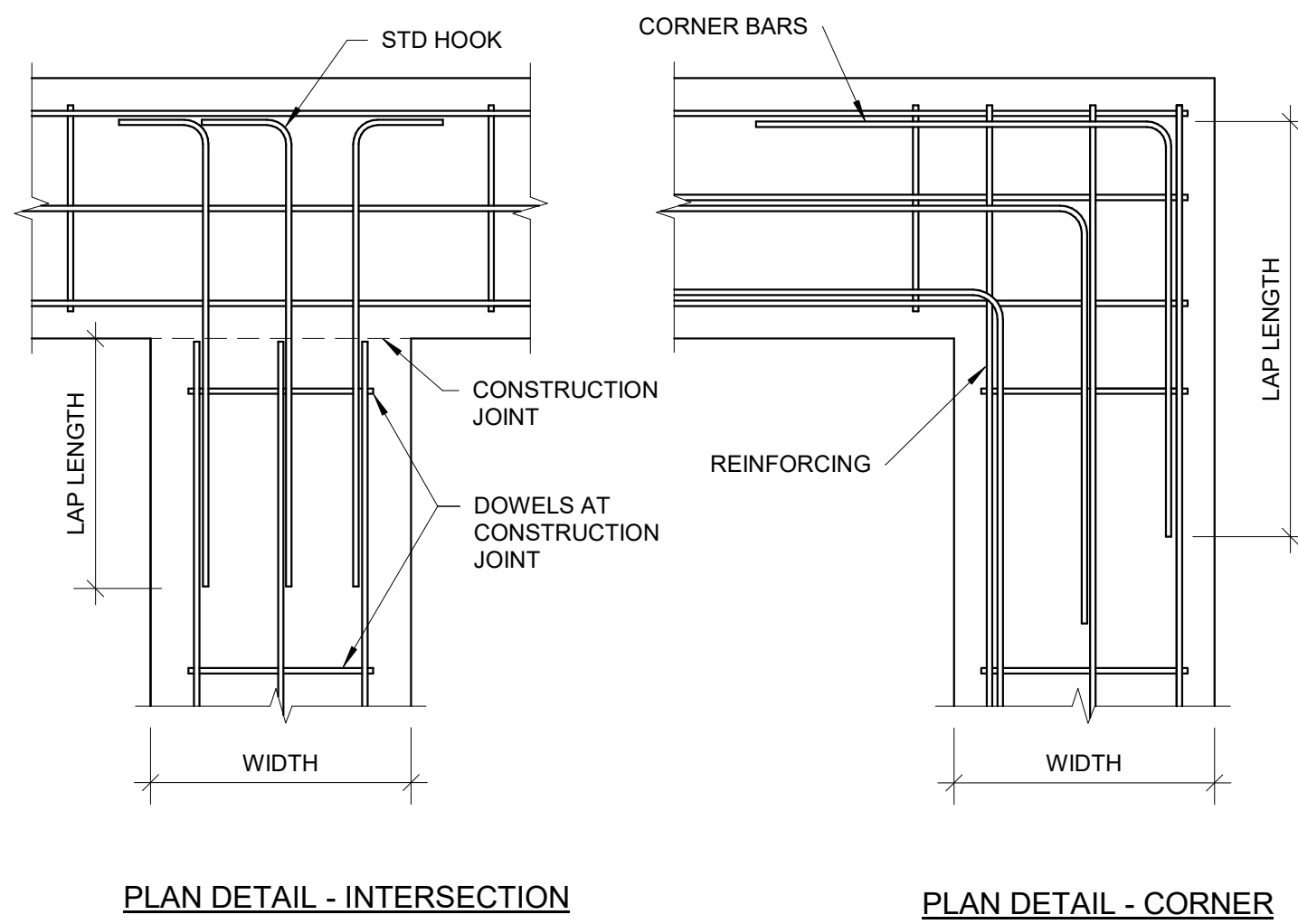
8 TYP INTERIOR EQUIPMENT PAD

S0.1 1 1/2" = 1'-0"



7 TYP PIPE THROUGH GRADE BEAM

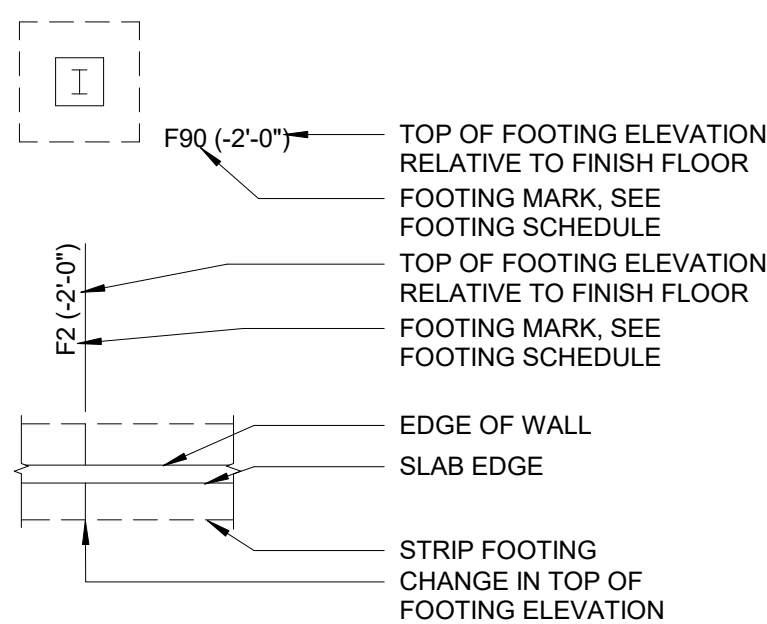
S0.1 1" = 1'-0"



1. LAP REINFORCING AT SPLICES ACCORDING TO SCHEDULE 2/S0.1.
2. PROVIDE CORNER BARS TO MATCH SIZE AND NUMBER OF REINFORCING BAR AT ALL GRADE BEAM CORNERS

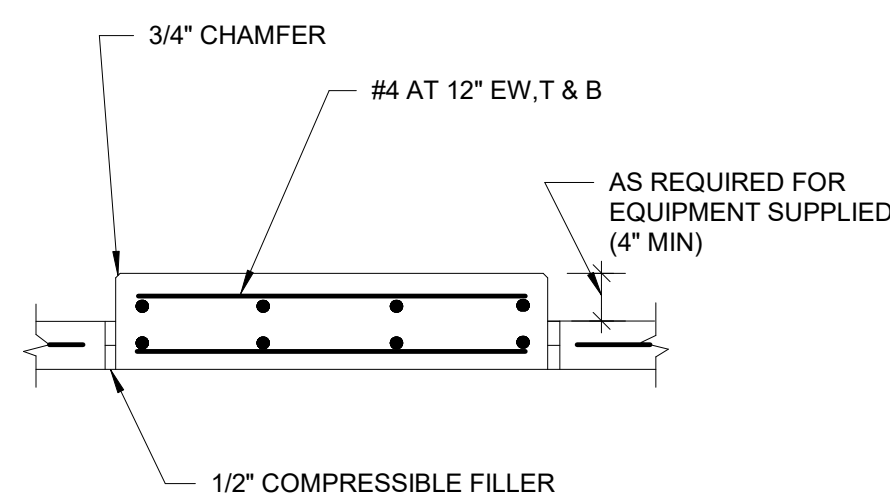
6 TYP GRADE BEAM DETAILS

S0.1 3/4" = 1'-0"



10 TYP GENERATOR EQUIPMENT PAD

S0.1 3/4" = 1'-0"



NOTE: SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR TYPE, SIZE, AND LOCATION OF EQUIPMENT PADS.

9 TYP ISOLATED EQUIP PAD DETAIL

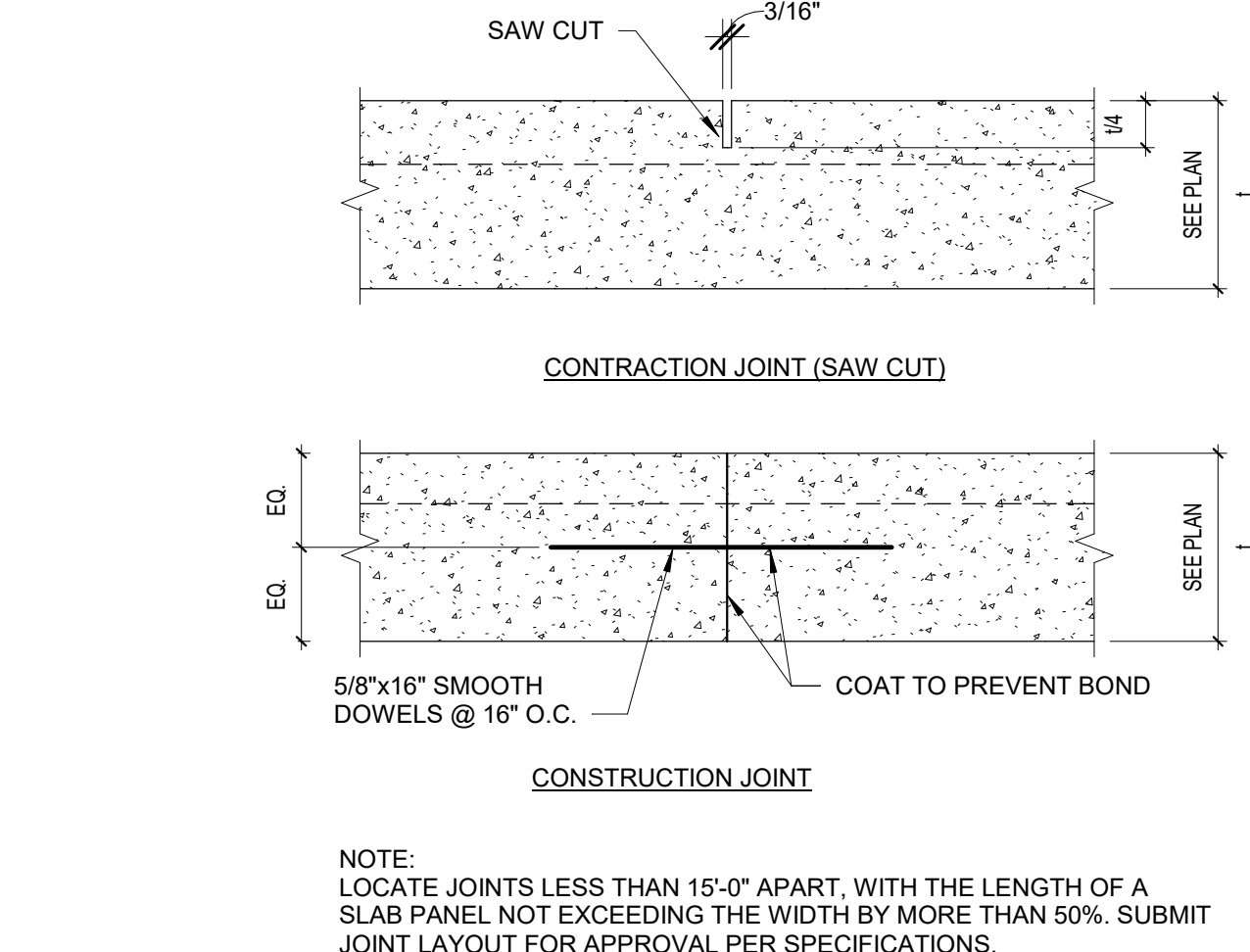
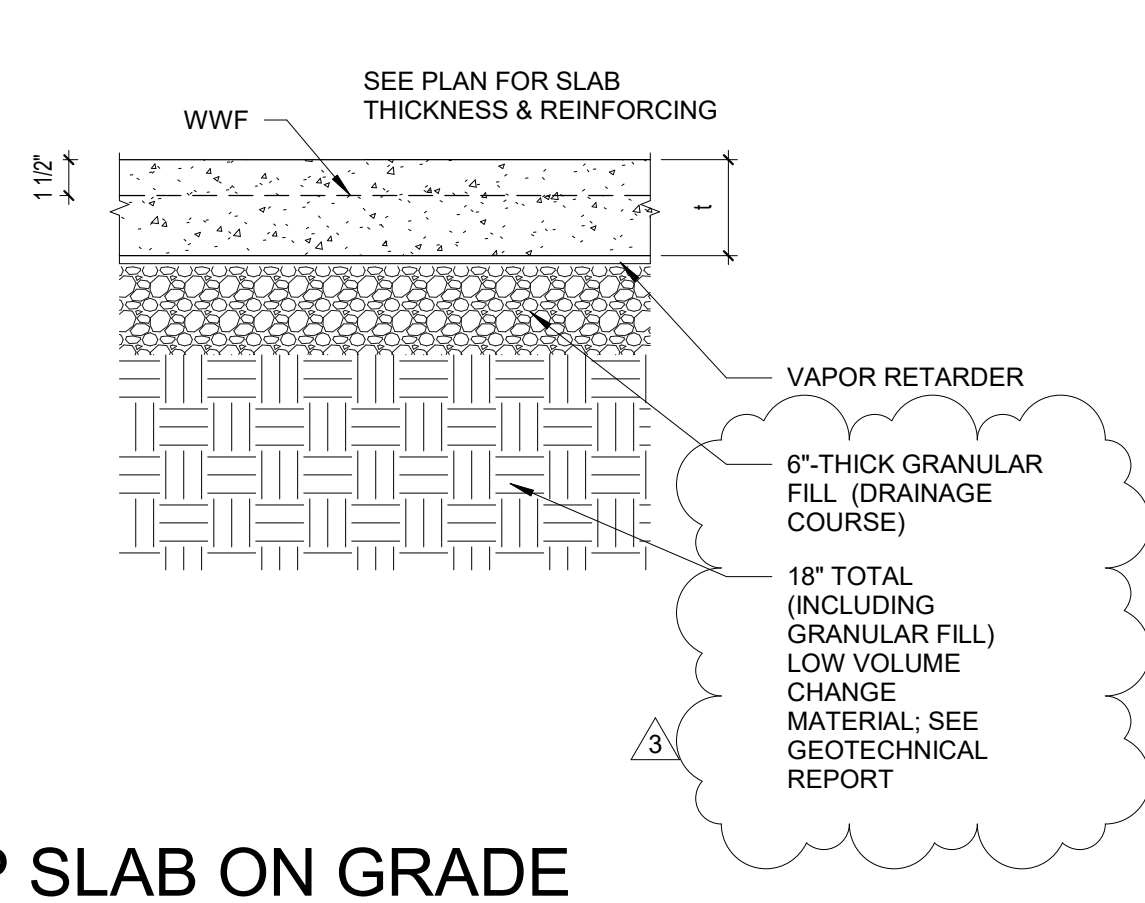
S0.1 3/4" = 1'-0"

5 FOUNDATION LEGEND

S0.1 N.T.S.

4 TYP SLAB ON GRADE

S0.1 1 1/2" = 1'-0"



3 TYP SLAB ON GRADE JOINTS

S0.1 3' = 1'-0"

TENSION LAP SPLICE LENGTH

BAR SIZE	fc = 3000psi		fc = 4000psi	
	TOP BAR	OTHER BAR	TOP BAR	OTHER BAR
#3	28	22	25	19
#4	38	29	32	25
#5	47	36	41	31
#6	56	43	49	37
#7	81	63	71	54
#8	93	72	81	62
#9	105	81	91	70
#10	116	90	101	78
#11	128	98	111	85

TOP BARS ARE HORIZONTAL BARS WITH 12" OR MORE OF FRESH CONCRETE CAST BENEATH THE BARS.

2 TENSION LAP SPLICE LENGTH SCHED

S0.1 1 1/2" = 1'-0"

ABV	ADH	AHR	ADJ	AFF	APPROX	ARCH.	BLDG	BLW	BM	BOT	BRG	BTWN	CIP	CJ	CL	CLR	CMU	COL	CONC	CONN	CONT	DIA	DIAG	DIM.	DWG(S)	EA	EF	EJ	ELEC	ELEV	EMBED	EOS	EQ	EQUIP.	EQW	EXT	EXN	EXPAN	FLR	FLR	FLG	FRM	FTG	GA	GALV	GB	HDU	HORIZ	INFO	INT	JST	JOINT	K	KSI	LBS	LLH	LLV	MAX	MCH	MED	MFR	MID	MNL	MTL	NTS	OC (O/C)	OPNG	PAF	PERP	PL	PSF	PT	R	REIN	REQD	SCHED	SHT	SM	SOG	STD	STIFF	STL	STRL	SYM	T&B	THK	TOP	TOS	TRANSV	TYP	UNO	VERT	VIF	W/	WP	WWF	
	ADHESIVE	ANCHOR	ADJACENT	ABOVE FINISHED FLOOR	APPROXIMATE	ARCHITECTURAL	BUILDING	BELOW	BEAM	BOTTOM	BEARING	BETWEEN	CAST-IN-PLACE	CONTROL JOINT	CENTERLINE	CLEAR	CONCRETE MASONRY UNITS	COLUMN	CONCRETE	CONNECTION	CONTINUOUS	DIAMETER	DIAGONAL	DIMENSION	DRAWING(S)	EACH	EACH FACE	EXPANSION JOINT	ELECTRICAL	ELEVATION	EMBEDMENT	EDGE OF SLAB	EQUAL	EQUIPMENT	EACH WAY	EXISTING	EXTERIOR	EXPANSION ANCHOR	FINISHED FLOOR	FINISHED FLOOR ELEVATION	FLANGE	FRAMING	FOOTING	GAUGE	GALVANIZED	GRADE BEAM	HOLD DOWN UNIT	HORIZONTAL	INTERIOR	JOIST	JOINT	KIP	KIPS PER SQUARE INCH	POUNDS	LONG LEG HORIZONTAL	LONG LEG VERTICAL	MAXIMUM	MECHANICAL	MECHANICAL, ELECTRICAL,	PLUMBING	MANUFACTURER	MIDDLE	MINIMUM	METAL	NOT TO SCALE	ON CENTER	OPENING	POWER-ACTUATED FASTENER	PERPENDICULAR	PLATE	POUNDS PER SQUARE FOOT	POUNDS PER SQUARE INCH	POINT	RADIUS	REINFORCEMENT, REINFORCED	REQUIRED	SCHEDULE	SHEET	SIMILAR	SLAB ON GRADE	STANDARD	STIFFENER	STEEL	STRUCTURAL	SYMMETRICAL	TOP AND BOTTOM	THICK	TOP OF FOOTING	TOP OF STEEL	TRANSVERSE	TYPICAL	UNLESS NOTED OTHERWISE	VERTICAL	VERIFY IN FIELD	WITH	WORKING POINT	WELDED WIRE FABRIC

1 STRUCTURAL ABBREVIATIONS

S0.1 N.T.S.

CONSTRUCTION SET



PROJECT TITLE



John Knox Village

COURTYARDS - BUILDING E

SFCS

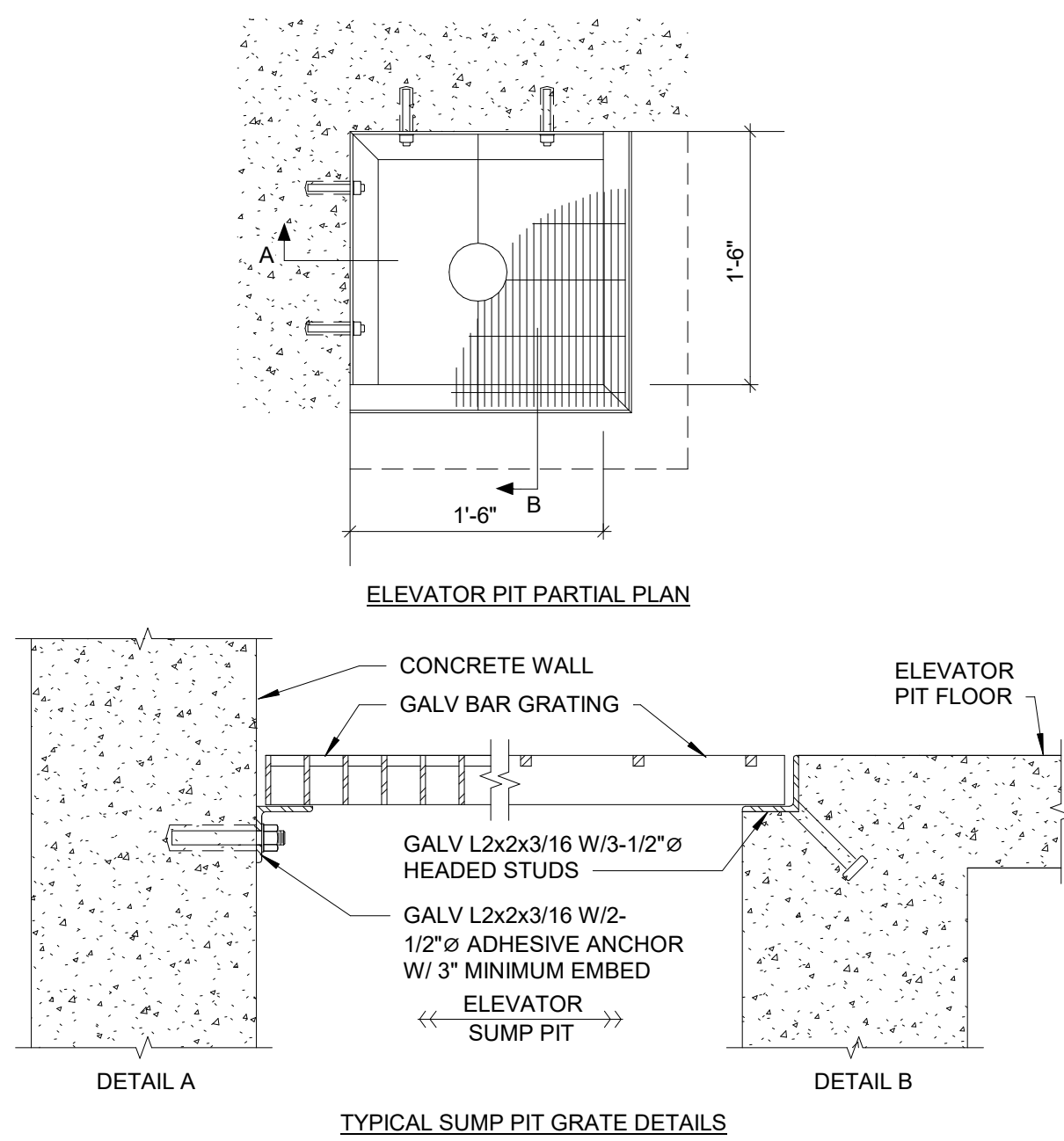
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DESIGNER	: DAS	DRAWN	: BSW
ARCHITECT	: DAS	CHECKED	: BDT
ENGINEER	: LBF	APPROVED	: Approver
NO.	3	REVISION DESCRIPTION	ADDENDUM 1
DATE	03/07/24		

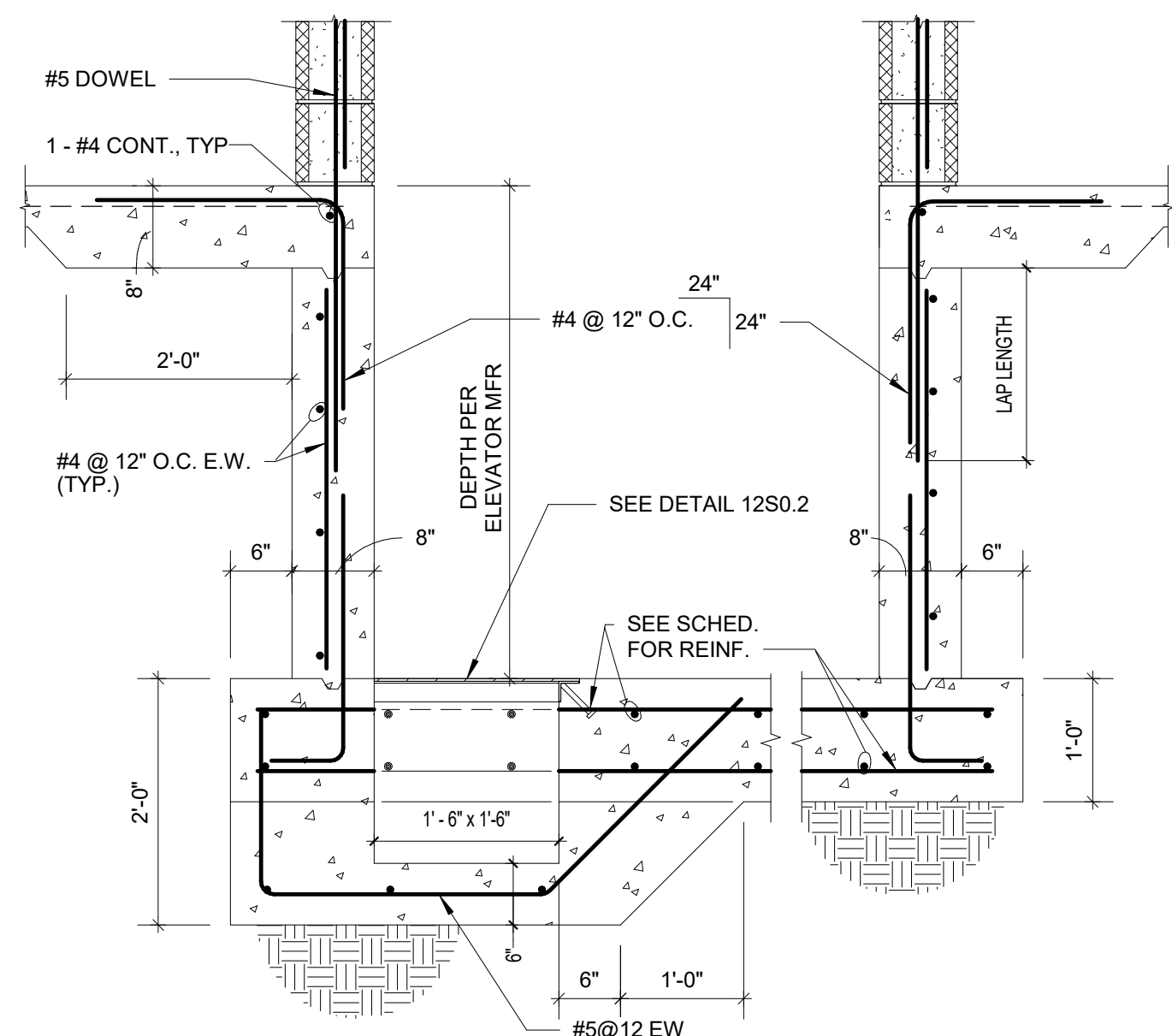
DRAWING TITLE

GENERAL NOTES AND
TYPICAL DETAILS

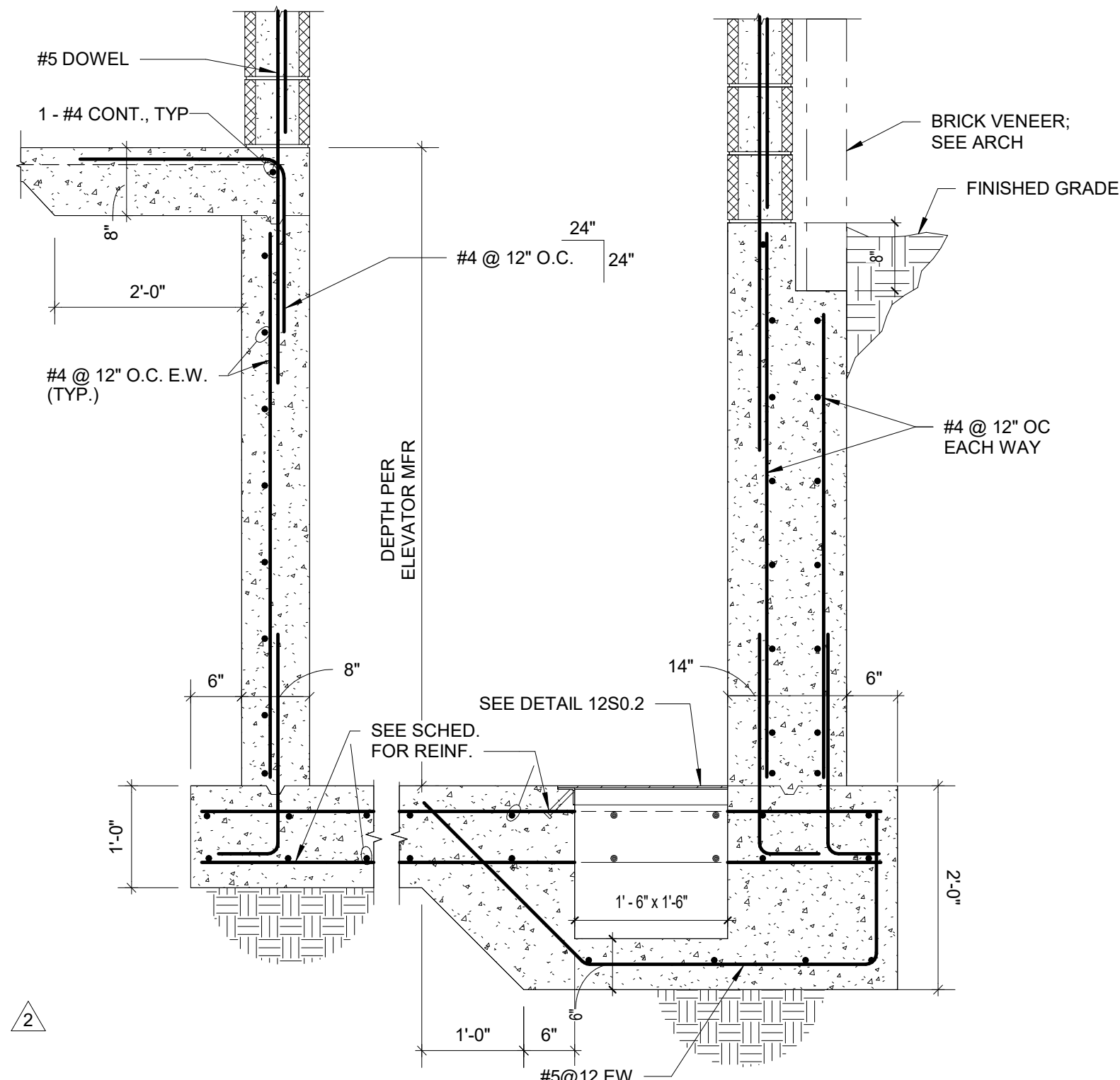
DATE:	January 5, 2024	DRAWING	S0.1
COMM. NO.	23104.00		



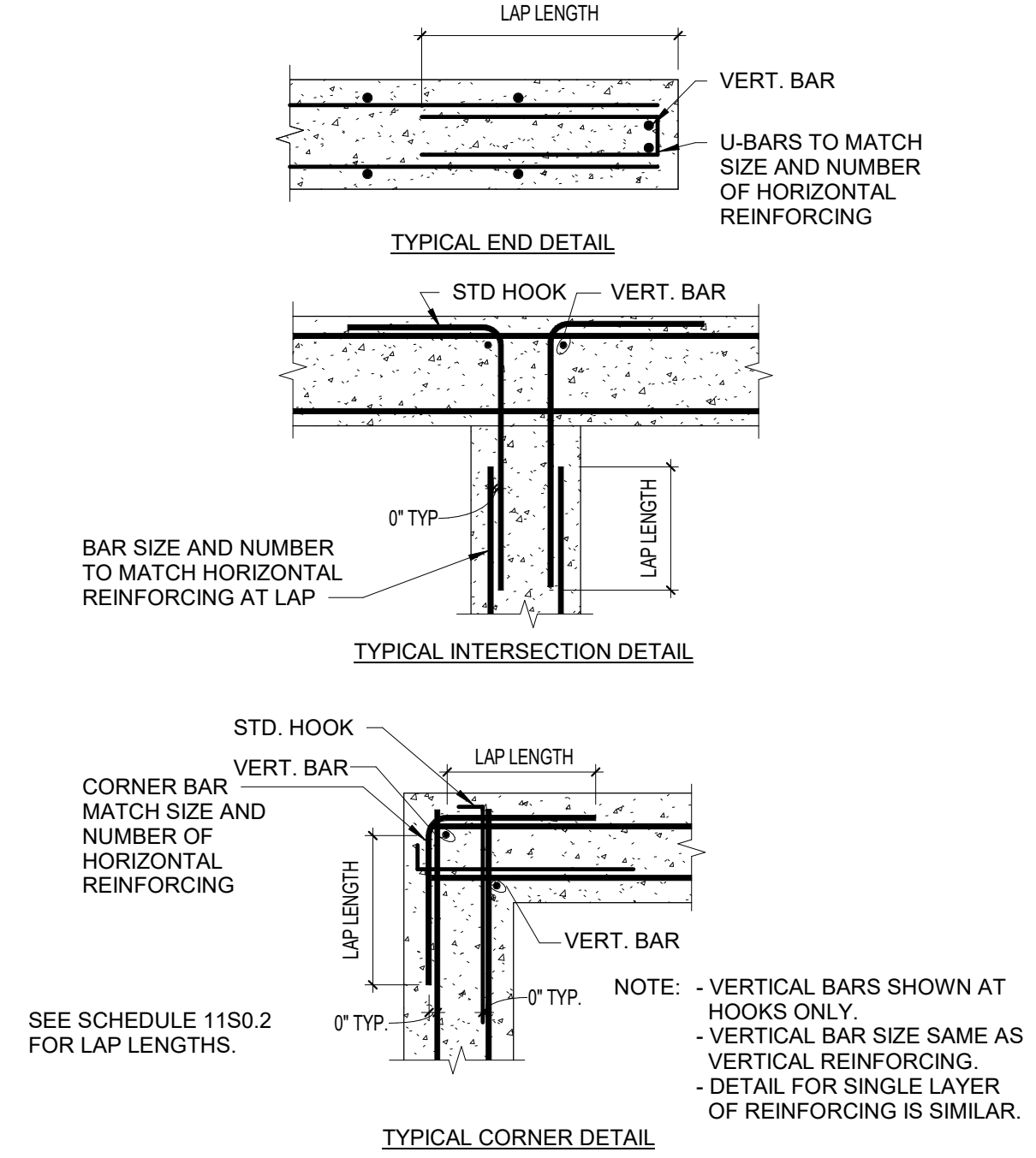
12 TYPICAL SUMP PIT AND GRATE DETAIL
S0.2 1" = 1'-0"



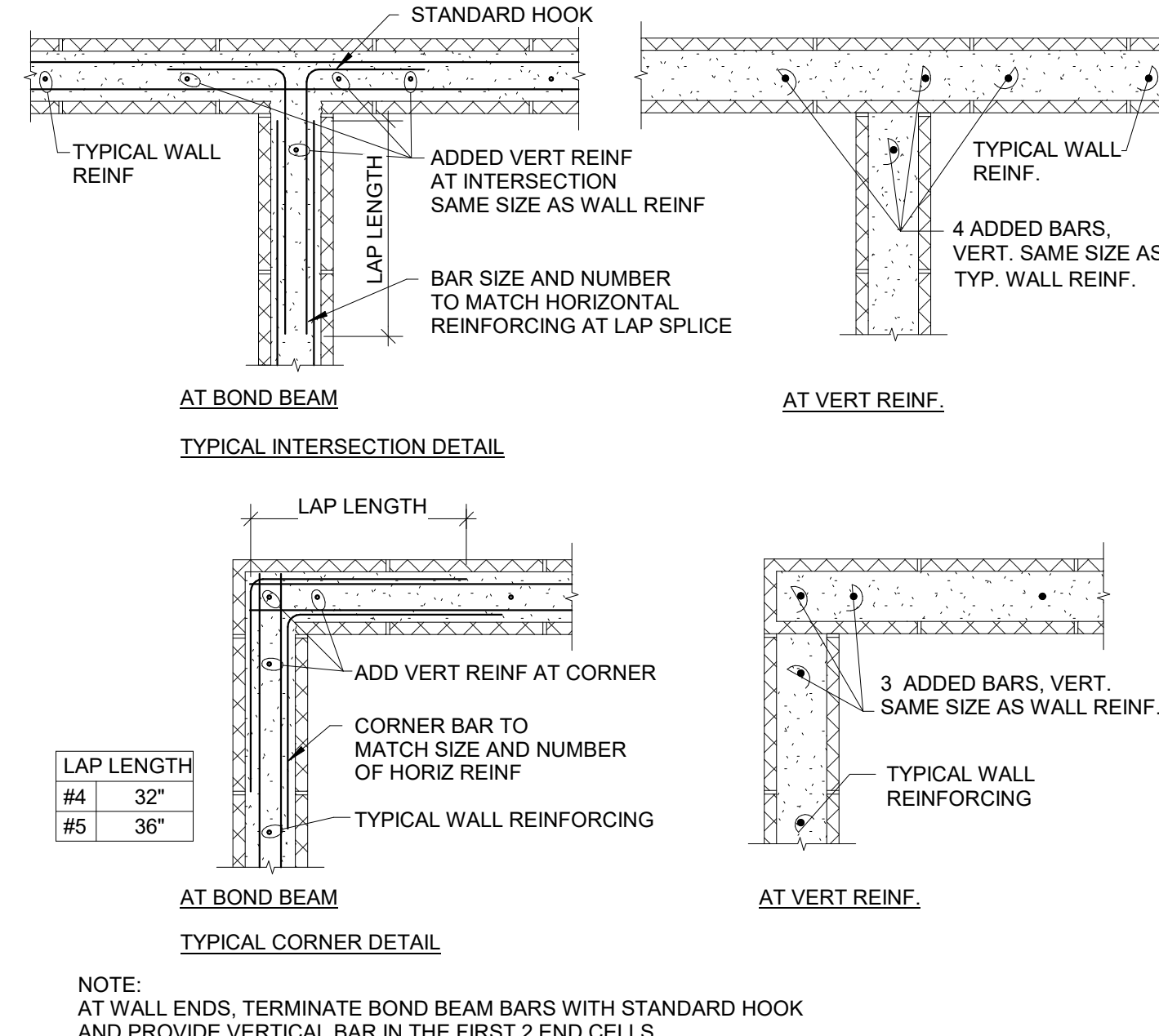
14 ELEVATOR 2 PIT SECTION
S0.2 3/4" = 1'-0"



13 ELEVATOR 1 PIT SECTION
S0.2 3/4" = 1'-0"



11 TYP CONC WALL REINF. @ END, CORNER & INTERSECTION
S0.2 1" = 1'-0"



10 CMU BOND BEAM REINF DETAILS
S0.2 3/4" = 1'-0"

HEADER SCHEDULE			
MARK	SIZE	JAMB STUD	KING STUD
(H1)	(2)-1.75X9.25 LVL	2-2x6	3-2x6
(H2)	(2)-1.75X9.25 LVL	2-2x6	2-2x6
(H3)	(2)-1.75X9.25 LVL	2-2x6	1-2x6
(H4)	(3)-1.75X11.25 LVL	2-2x6	1-2x6
(H5)	(2)-2x8	2-2x6	1-2x6
(H6)	(2)-2x10	2-2x6	1-2x6
(H7)	(3)-2x8	2-2x6	1-2x6
(H8)	(3)-2x8	2-2x6	2-2x6
(H9)	(3)-2x10	2-2x6	1-2x6
H10	(3)-2x16	1-2x6	3-2x6
H11	(2)-2x8	2-2x4	1-2x4

9 HEADER SCHEDULE
S0.2 N.T.S.

LINTEL SCHEDULE			
MARK		SIZE	BEARING
L1		8" WIDE x 8" DEEP CMU LINTEL W/ 2 - #5 BOTTOM	8"

8 CMU LINTEL SCHEDULE
S0.2 N.T.S.

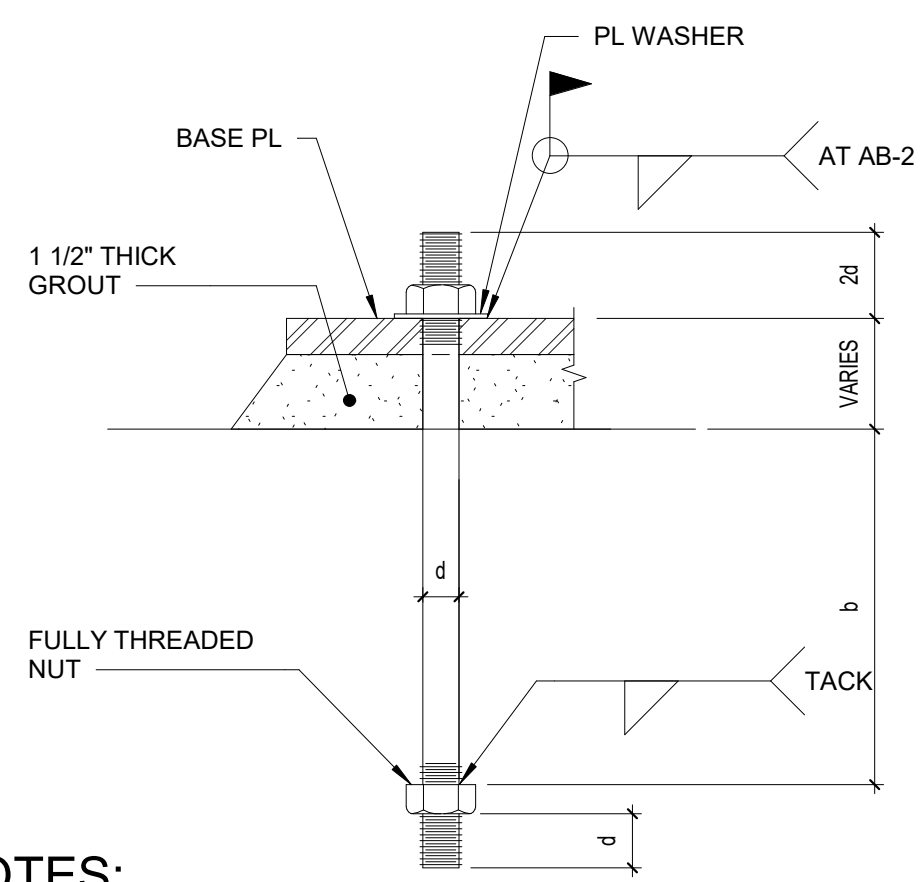
LINTEL NOTES:
1. ALL LINTELS SHALL CONFORM TO ARCHITECTURAL HEAD DETAILS.

POST SCHEDULE	
MARK	SIZE
(P1)	6 X 6 SOUTHERN PINE
(P2)	5.25 X 5.25 PSL
(P3)	3.5 X 3.5 PSL
(P4)	7 X 7 PSL

7 WOOD POST SCHEDULE
S0.2 N.T.S.

LOAD-BEARING WALL STUD SCHEDULE			
LOCATION	STORY	STUD SIZE & SPACING	WOOD SPECIES AND GRADE
EXTERIOR WALLS	ALL FLOORS	2X6 @ 16" OC	SPRUCE PINE FIR, NO. 1/NO. 2
STAIR SHAFT WALLS AT CORRIDOR	1ST FLOOR	2-2X4 @ 16" OC	
OTHER STAIR SHAFT WALLS	ALL FLOORS	2X4 @ 16" OC	
CORRIDOR WALLS	2ND, 3RD & 4TH FLOORS	2X6 @ 16" OC	
	1ST FLOOR	2-2X6 @ 16" OC	
2X4 CORRIDOR WALLS	2ND, 3RD & 4TH FLOORS	2X4 @ 16" OC	
	1ST FLOOR	2-2X4 @ 16" OC	
OTHER INTERIOR WALLS	ALL	2X6 @ 16" OC	

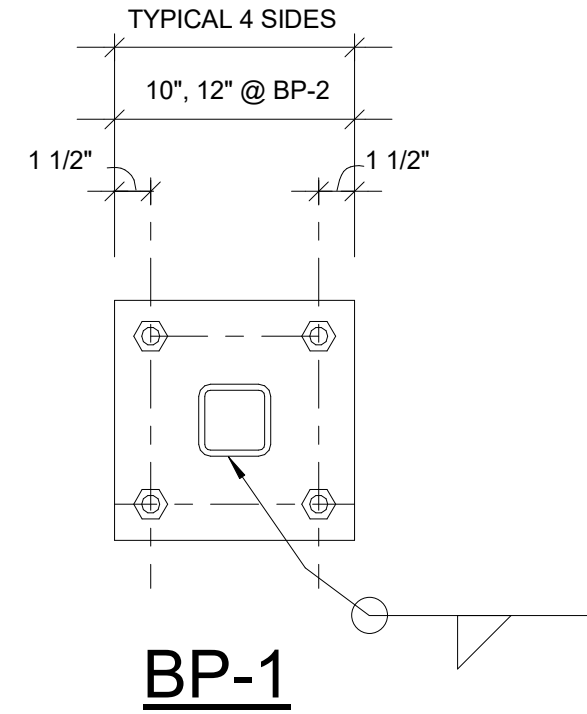
6 BEARING WALL STUD SCHEDULE
S0.2 N.T.S.



NOTES:
1) ANCHOR BOLTS - ASTM F1554
2) NUTS - ASTM A563, GRADE A, HEAVY HEX
3) PLATE - ASTM A36
4) PROVIDE HOLE IN PLATE WASHER = BOLT DIAMETER + 1/16".

MARK	d	b	PLATE WASHER SIZE	SOLE DIA @ BASE PL
AB-1	3/4" DIA	8"	STD WASHER	1 5/16" DIA
AB-2				

5 STEEL COL ANCHOR BOLTS
S0.2 3/4" = 1'-0"



4 STEEL COLUMN BASE PLATES
S0.2 1 1/2" = 1'-0"

COLUMN SCHEDULE				
MARK	DESCRIPTION	BASE PLATE	BASE PL THK	ANCHOR BOLT
C1	HSS 4x4x3/8	BP-1	3/4"	AB-1
C2	HSS 6x6x1/2	BP-2	3/4"	AB-2

3 STEEL COLUMN SCHEDULE
S0.2 N.T.S.

GRADE BEAM SCHEDULE		
MARK	SIZE (WIDTH X DEPTH)	REINFORCING
GB-1	16" X 28"	SEE SECTION 4/S2.1
GB-2	24" X 28"	SEE SECTION 2/S2.1
GB-26	30" X 28"	SEE SECTION 3/S2.1

2 GRADE BEAM SCHEDULE
S0.2 N.T.S.

FOOTING SCHEDULE			
MARK	SIZE	THICKNESS	REINFORCING (BOTTOM U.N.O.)
F3.0	3'-0" SQUARE	12"	3 - #5 EA WAY
F4.0	4'-0" SQUARE	12"	4 - #5 EA WAY
F5.0	5'-0" SQUARE	14"	5 - #5 EA WAY
MAT #1	SEE PLAN	12"	#5 @ 12 EA WAY, TOP & BOTTOM

1 FOOTING SCHEDULE
S0.2 3/4" = 1'-0"



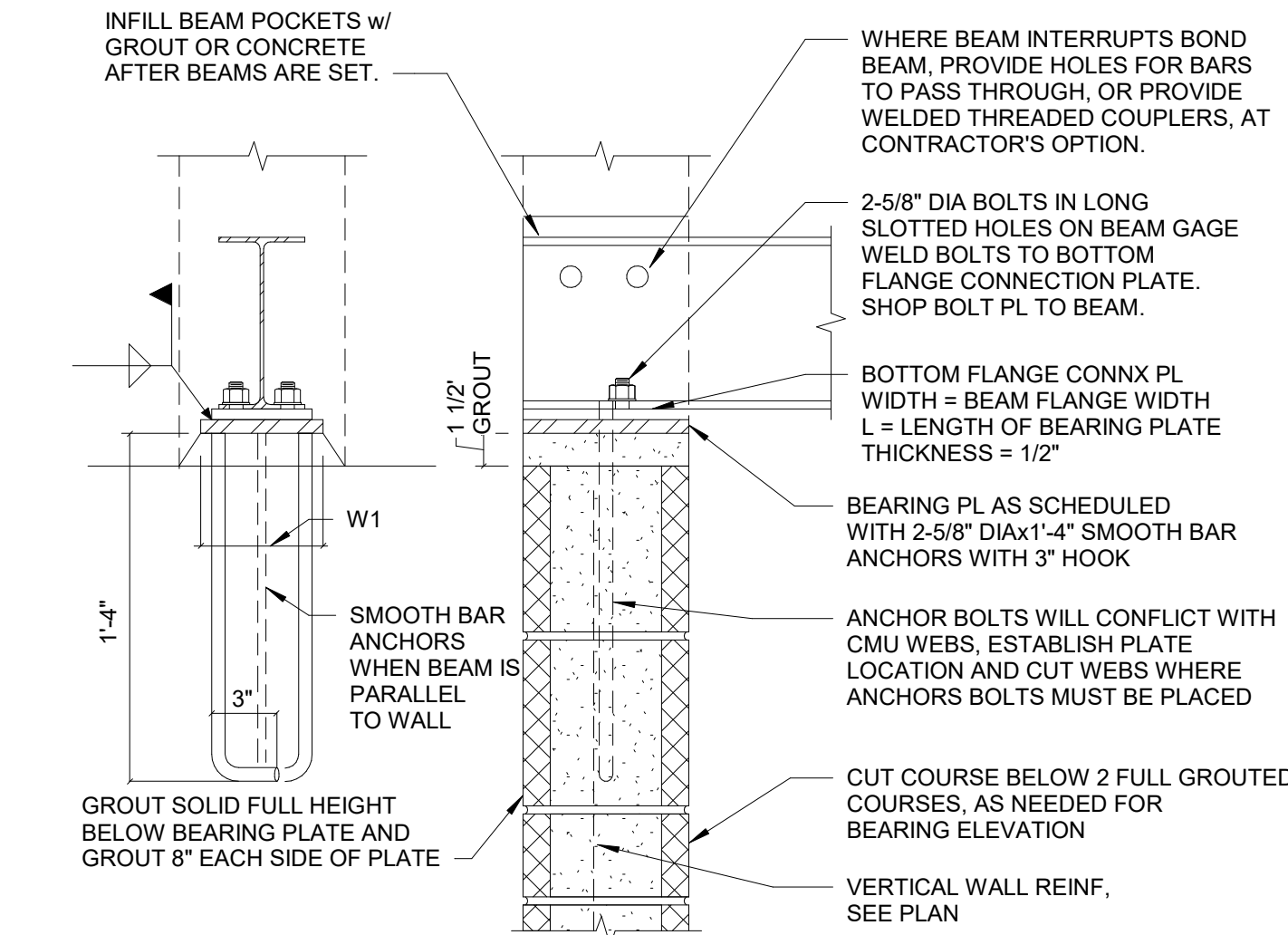
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DESIGNER : DAS	DRAWN : BSW
ARCHITECT : DAS	CHECKED : BDT
ENGINEER : LBF	APPROVED : Approver
NO. 2	REVISION DESCRIPTION DATE
	REV 1- PERMIT COMMENTS 2/15/24

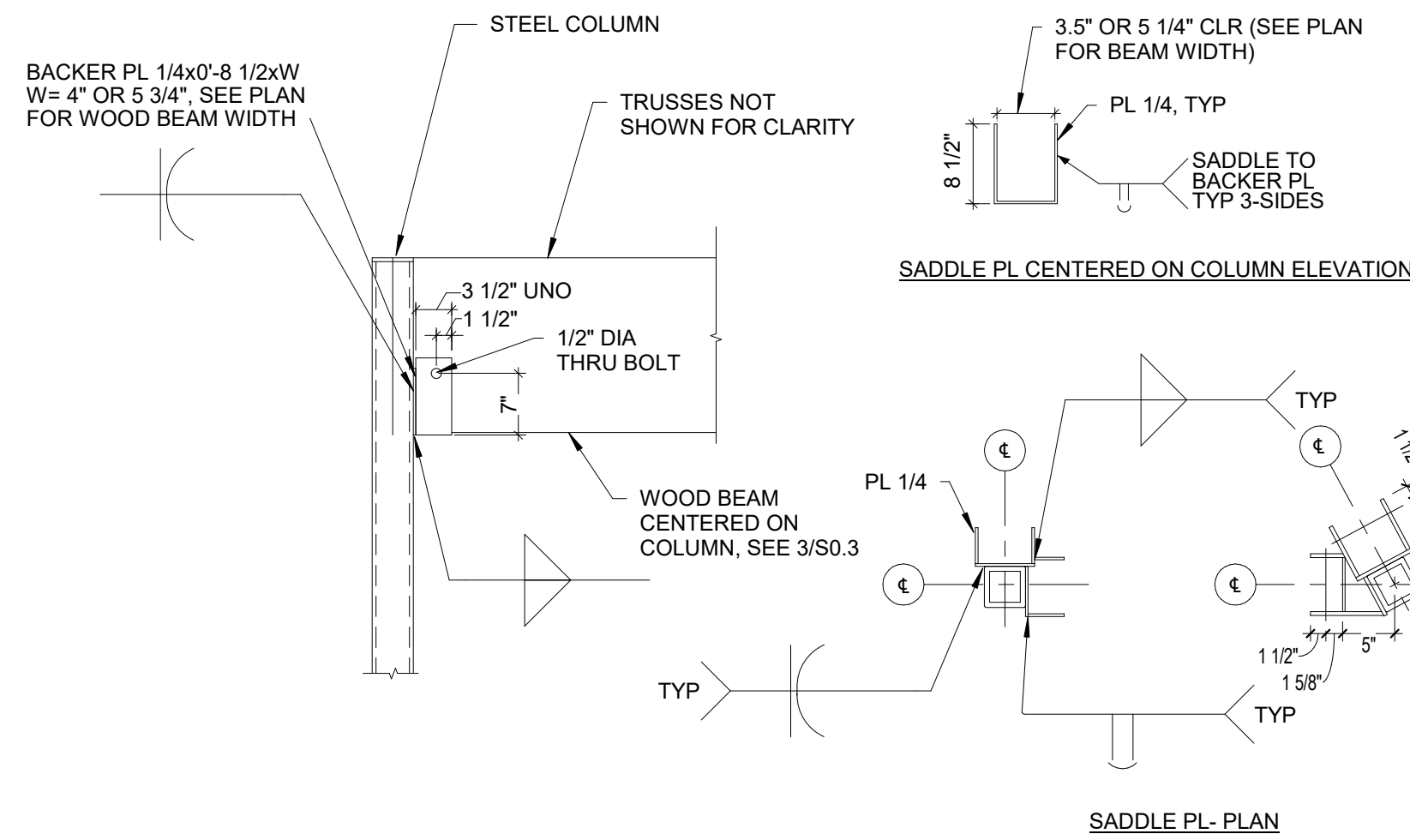
DRAWING TITLE
TYPICAL SECTIONS AND DETAILS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	S0.2

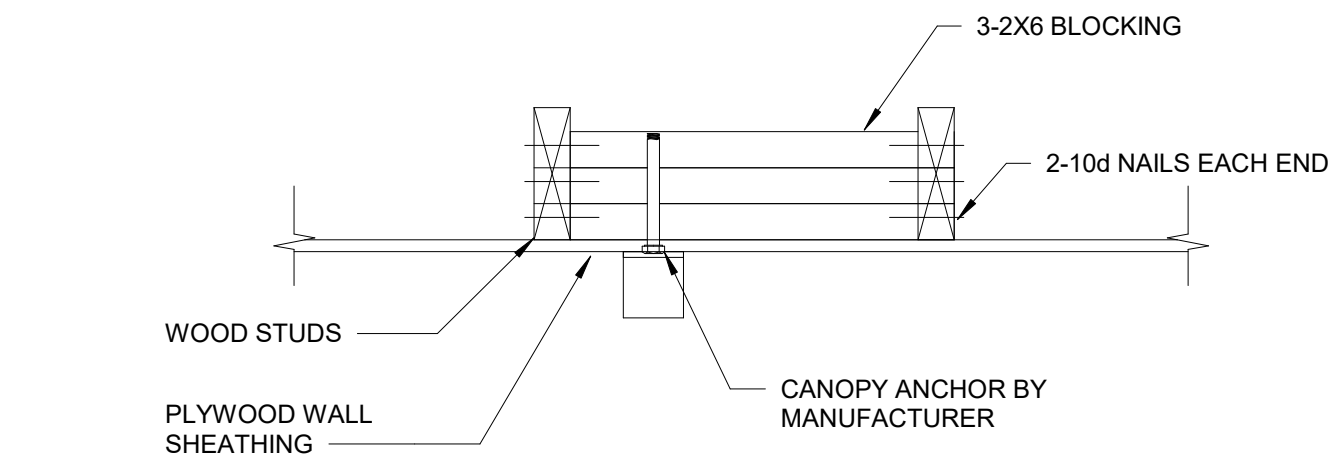


BEARING PLATE SCHEDULE				
BEARING PLATE MARK	BEARING PLATE THICKNESS	W1	L	REMARKS
W8	1/2"	7"	7"	----

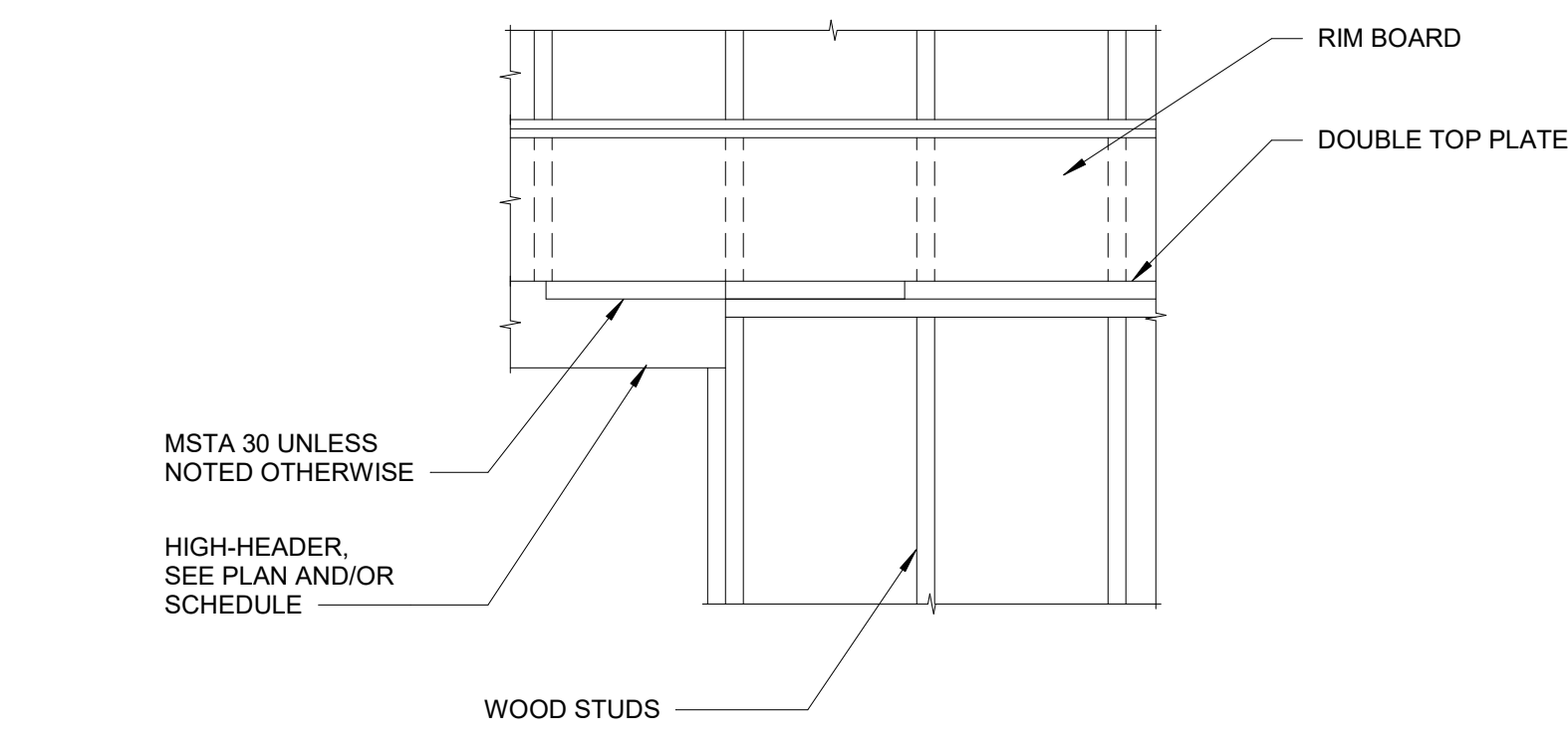
7 BEARING PLATE SCHEDULE
S0.3 N.T.S.



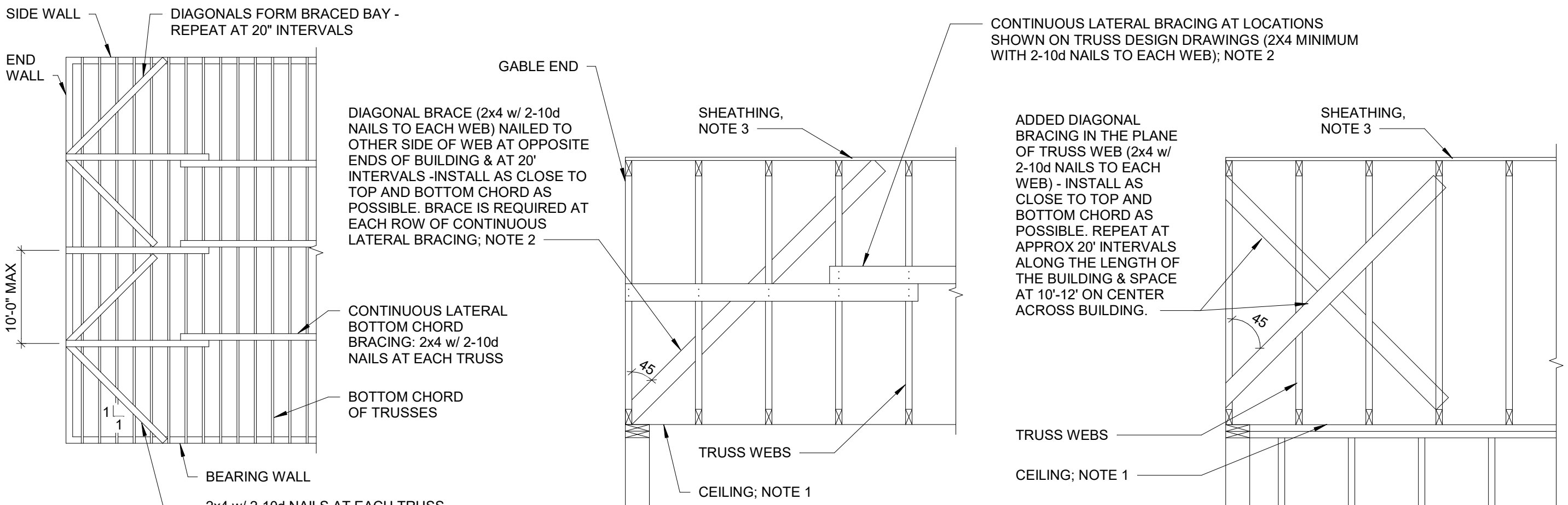
6 TYP WOOD BEAM TO STL COL
S0.3 3/4" = 1'-0"



9 TYPICAL ALUMINUM CANOPY ANCHORAGE
S0.3 N.T.S.



8 TYPICAL HEADER INTERRUPTING TOP PLATE
S0.3 3/4" = 1'-0"



PERMANENT BOTTOM CHORD BRACING
SEE NOTE 1

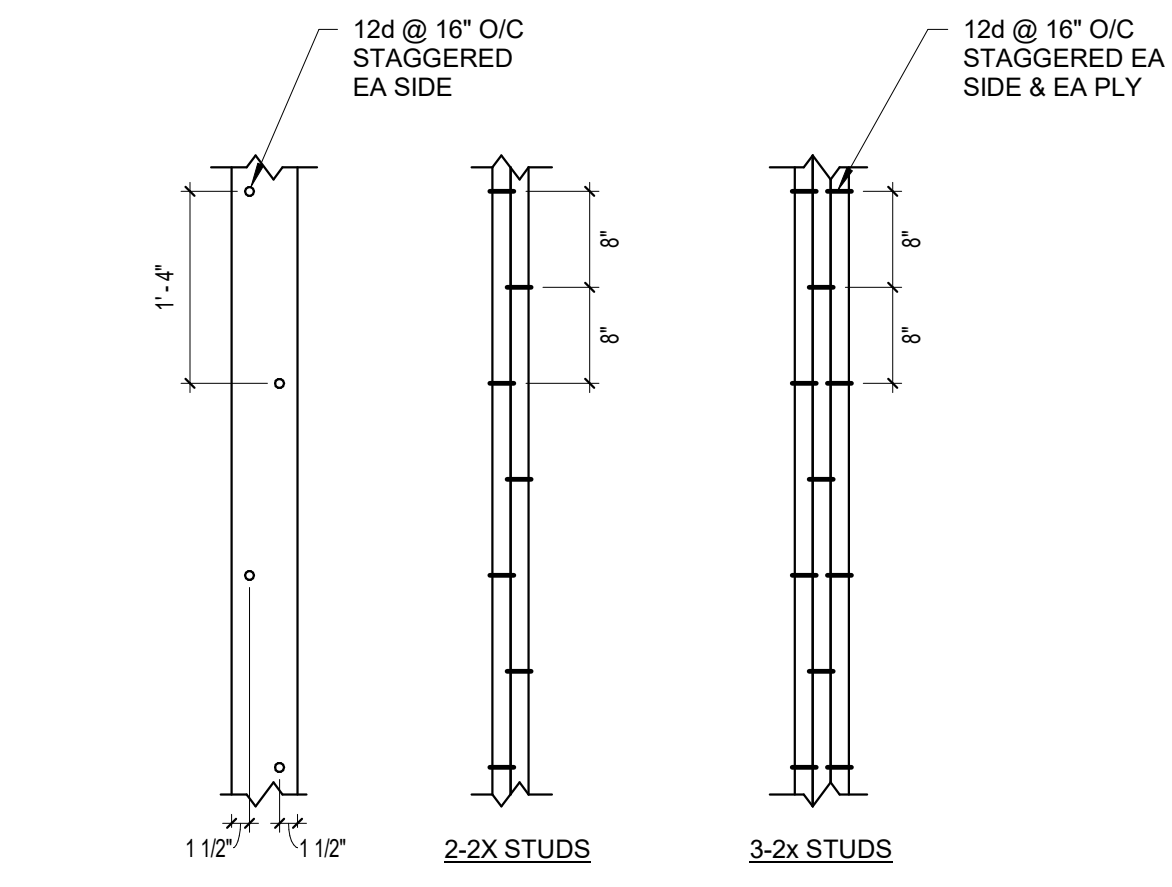
PERMANENT BRACING FOR WEBS
SEE NOTE 1

PERMANENT BRACING FOR SPECIAL CONDITIONS
SEE NOTE 4

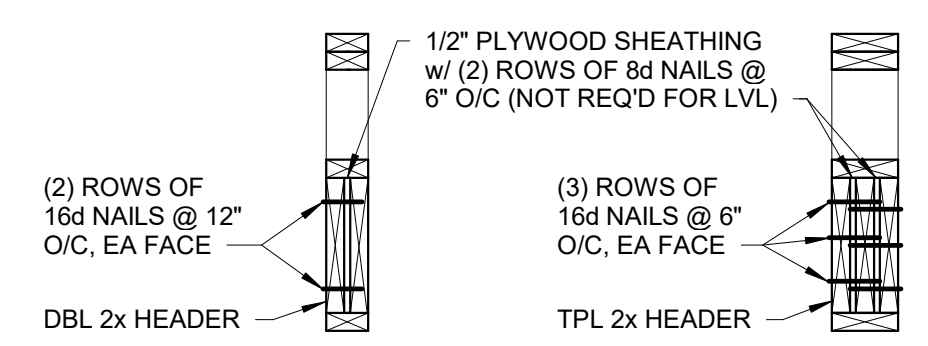
NOTES:

1. BOTTOM CHORD BRACING IS NOT REQUIRED WHERE 5/8" GYPSUM IS DIRECTLY FASTENED AT 12" OC OR LESS TO TRUSS BOTTOM CHORD OR WHERE RESILIENT CHANNEL IS SPACED 12" OC OR LESS WITH 5/8" GYPSUM FASTENED AT 12" OC OR LESS.
2. PERMANENT DIAGONAL BRACING IS FOR OVERALL BUILDING STABILITY AND SHALL BE INSTALLED IN ADDITION TO THE CONTINUOUS PERMANENT LATERAL BRACING AT LOCATIONS SHOWN BY THE DELEGATED TRUSS DESIGNER TO RESIST BUCKLING OF COMPRESSION TRUSS MEMBERS. SEE BC3-B3 FOR ALTERNATIVE WEB REINFORCEMENT OPTIONS WHEN INSTALLING CONTINUOUS LATERAL BRACING AND DIAGONAL BRACING IS NOT PRACTICAL OR DESIRED.
3. WHERE TRUSSES DO NOT RECEIVE CONTINUOUS PLYWOOD SHEATHING NAILED TO THE TOP CHORD, PROVIDE TOP CHORD BRACING PER BC3-B3.
4. SWAY BRACING IS REQUIRED AT TRUSSES WHERE CONTINUOUS LATERAL BRACING AND DIAGONAL BRACING ARE NOT PROVIDED.

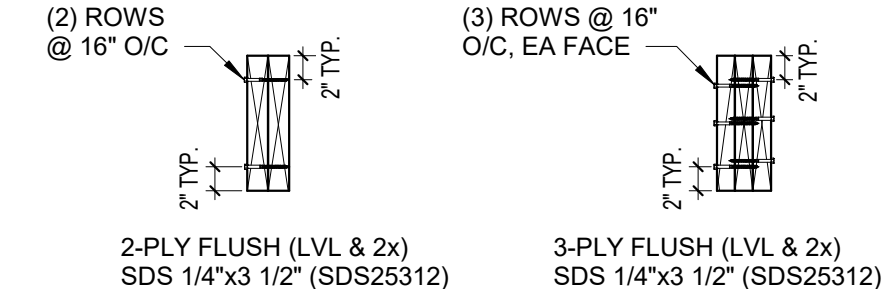
5 PERMANENT LATERAL BRACING FOR WOOD TRUSSES
S0.3 N.T.S.



4 TYP BUILT-UP COLUMN STUDS
S0.3 3/4" = 1'-0"

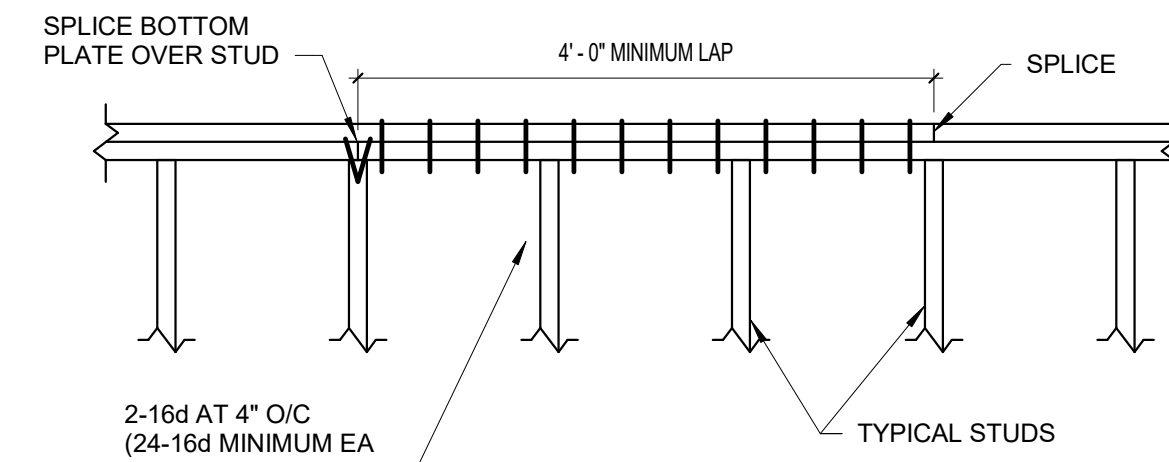


CONNECTION REQUIREMENTS FOR MULTI-PLY HEADERS

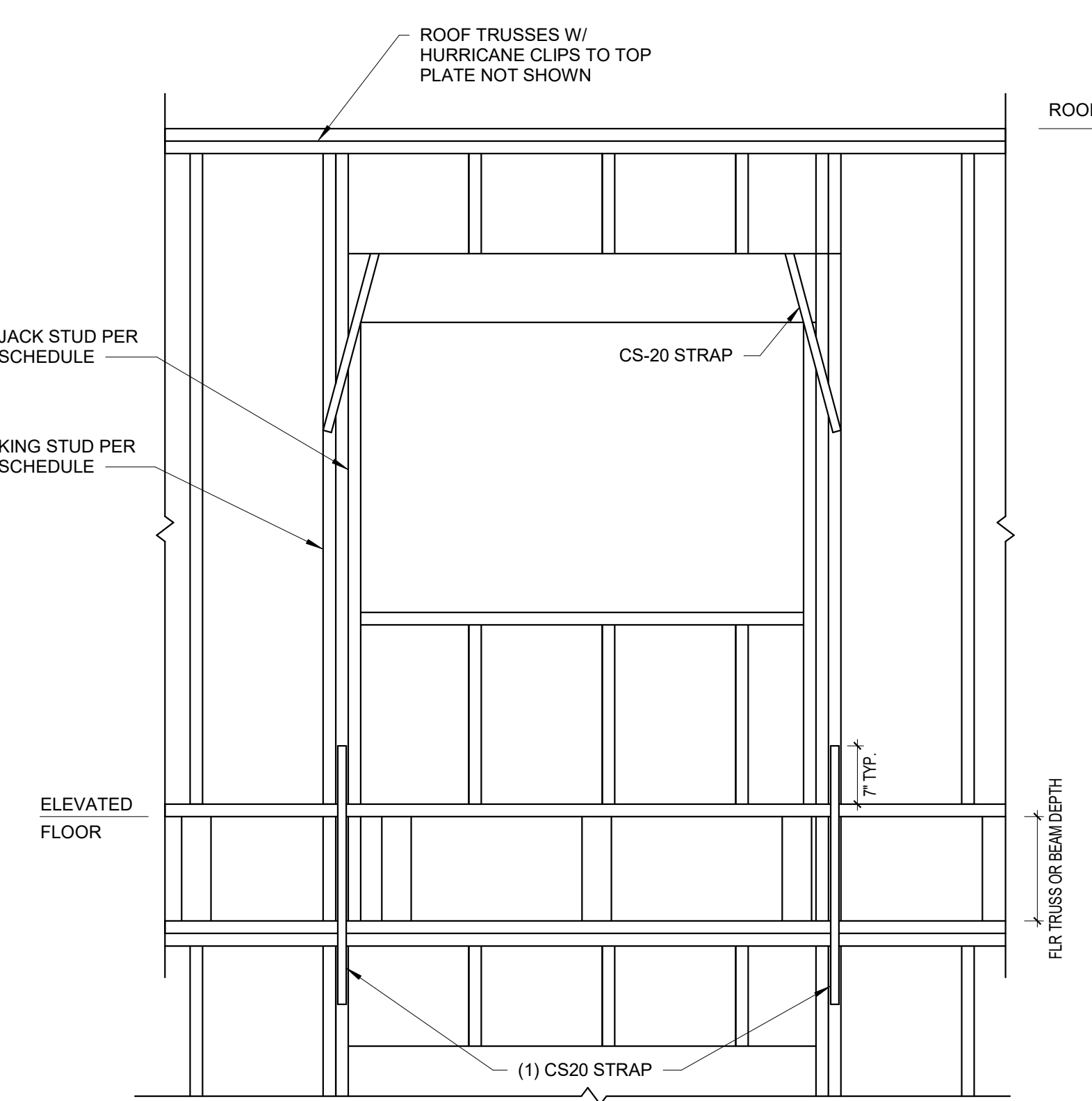


CONNECTION REQUIREMENTS FOR MULTI-PLY FLUSH BEAMS (ALL SCREWS ARE SIMPSON STRONG-DRIVE)

3 MULTI PLY FLUSH BEAMS
S0.3 3/4" = 1'-0"



2 TYPICAL TOP PLATE SPLICE
S0.3 3/4" = 1'-0"



1 TYPICAL HEADERS AT ROOF
S0.3 3/4" = 1'-0"



COURTYARDS - BUILDING E

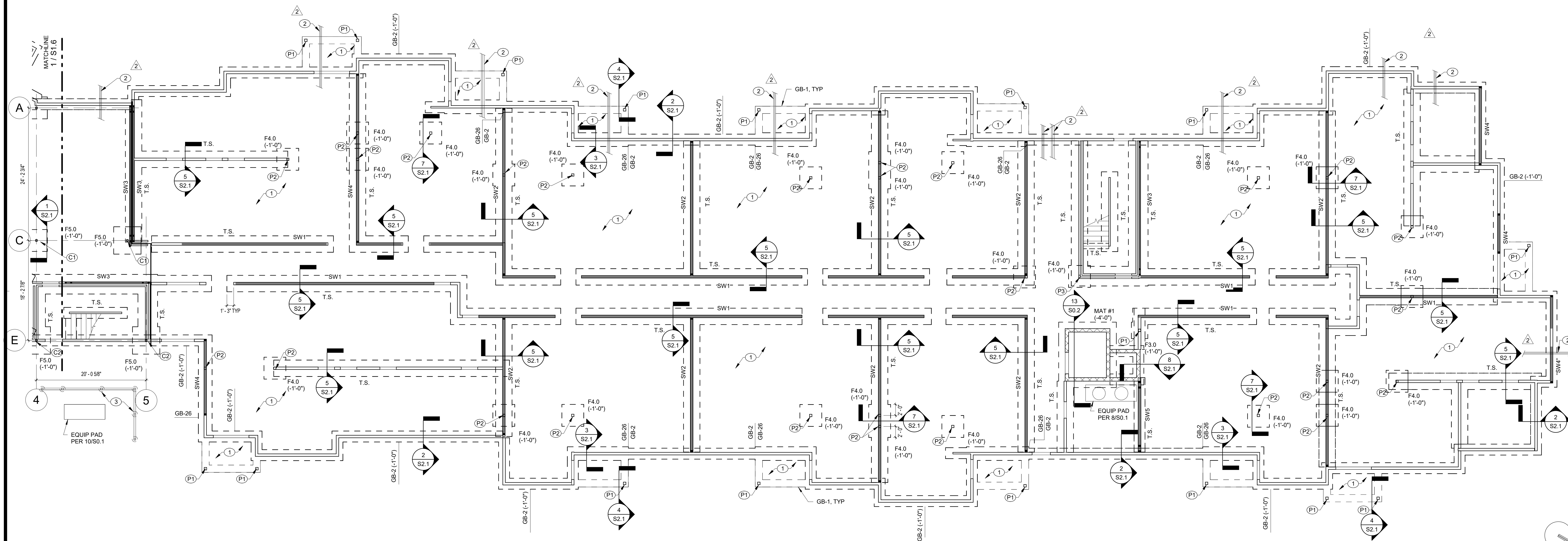
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2	REV 1- PERMIT COMMENTS 2/15/24

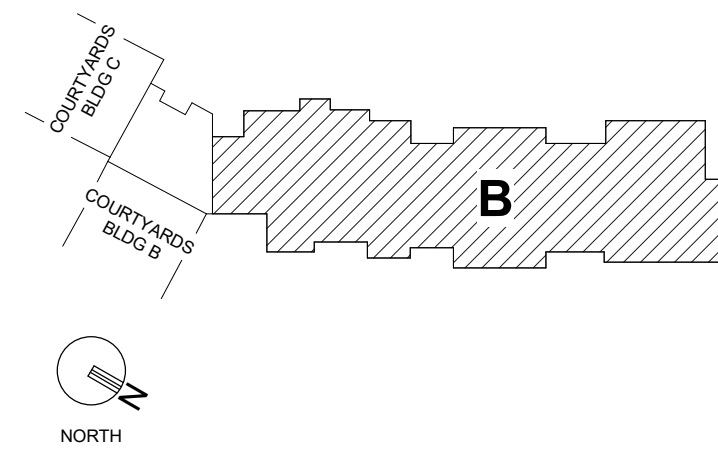
DRAWING TITLE
TYPICAL SECTIONS AND
DETAILS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	S0.3



1 FOUNDATION PLAN - IL UNITS
S1.1 1/8" = 1'-0"

KEY PLAN



GENERAL NOTES

1. REFERENCE FIRST FLOOR CONCRETE SLAB ELEVATION = (+0'-0"), UNLESS NOTED OTHERWISE.
2. TOP OF GRADE BEAM ELEVATION = (-1'-0") BELOW REFERENCE FIRST FLOOR, UNLESS NOTED OTHERWISE.
3. REINFORCE ALL CMU WALLS WITH #5 VERTICAL BARS AT 32" OC, UNLESS NOTED OTHERWISE.
4. SHADING INDICATES SHEARWALL LOCATION. SEE S4.1 FOR SHEARWALL DETAILS AND HOLDOWN LOCATIONS. ■ INDICATES HDU LOCATION ON PLAN.
5. SEE S0.2 FOR LOAD BEARING WALL STUD, STEEL COLUMN, WOOD POST, FOOTING, AND GRADE BEAM SCHEDULES.
6. "T.S." INDICATES THICKENED SLAB UNDER WALL OR STAIR STRINGER, SEE SECTION 5/S2.1, 6/S2.1 AND 8/S2.1.

PLAN NOTES

- ① 4"-THICK CONCRETE SLAB ON GRADE ON VAPOR RETARDER AND GRANULAR FILL, REINFORCED WITH 6#-W1.4W1.4 WELDED WIRE FABRIC, VAPOR RETARDER NOT REQUIRED AT EXTERIOR SLABS.
- ② UNDERGROUND UTILITY: SEE S0.1 AND PLUMBING DRAWINGS. THICKEN GRADE BEAM TO MAINTAIN 8" CONCRETE BELOW BOTTOM OF PIPE.
- ③ AT EACH FENCE POST: 12" DIAMETER X 4'-0" POST FOOTING REINFORCED WITH 4-#5 VERTICAL AND #3 STIRRUPS AT 12" OC.

CONSTRUCTION SET



PROJECT TITLE



John Knox Village

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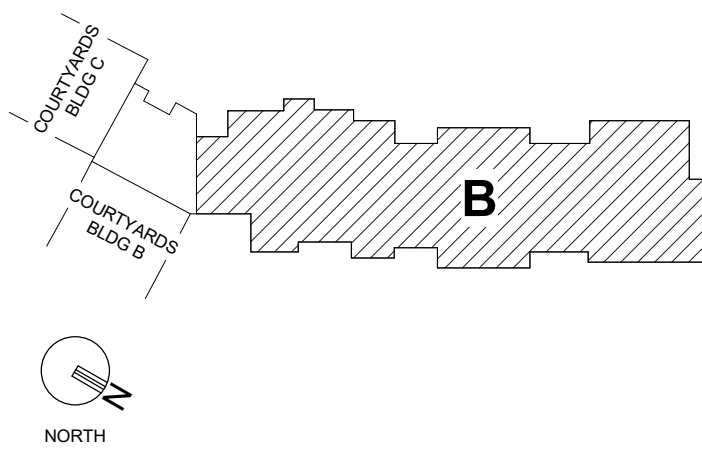
DESIGNER : DAS	DRAWN : BSW
ARCHITECT : DAS	CHECKED : BDT
ENGINEER : LBF	APPROVED : Approver
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REV 1-PERMIT COMMENTS	2/15/24

DRAWING TITLE

FOUNDATION PLAN - IL
UNITS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	S1.1

KEY PLAN



GENERAL NOTES

1. FINISHED SECOND FLOOR ELEVATION= (+1'-4") ABOVE
REFERENCE FIRST FLOOR, UNLESS NOTED
OTHERWISE. TOP OF SECOND FLOOR PLYWOOD ELEV.=
(+0'-1") BELOW FINISHED FLOOR ELEVATION.
2. TOP OF WOOD BEAM ELEV. AT BALCONIES- SEE ARCH.
TOP OF WOOD BEAMS AT APARTMENT FLOORS
= (+0'-6 1/4") BELOW FINISHED FLOOR ELEVATION, U.N.O.
3. REINFORCE ALL CMU WALLS W/ #5 VERTICAL @ 32" O/C,
U.N.O.
4. SHADING INDICATES SHEARWALL LOCATION. SEE S4.1
FOR SHEARWALL ELEVATIONS AND LOCATIONS OF
SIMPSON HOLDDOWN AT EACH END OF SHEARWALL.
5. CONTRACTOR SHALL COORDINATE ALL FLOOR
FRAMING INTERFERENCES WITH MEP. ADD HEADERS
AS REQUIRED TO PROVIDE NECESSARY CLEARANCES.
6. SEE SECTION 650.3 FOR WOOD BEAM TO STEEL
COLUMN CONNECTION.
7. SEE S0.2 FOR BEARING WALL SCHEDULE AND HEADER
SCHEDULE. PROVIDE H7 HEADER AT LOUVERS WITH
2'-8" MAX ROUGH OPENING.
8. BEAMS SHALL BE SUPPORTED BY 3-2X WALL
STUDS, UNLESS NOTED OTHERWISE. SEE 750.2 FOR
POST SCHEDULE.
9. PROVIDE FRT SHEATHING WITHIN 4'-0" OF FIREWALLS.
SEE ARCH.

PLAN NOTES

1. TYPICAL FLOOR CONSTRUCTION: 3/4" SELF-LEVELING
GYPCRETE TOPPING ON 1/4" SOUND MAT ON 3/4"
THICK TONGUE AND GROOVE PLYWOOD SHEATHING
SUPPORTED BY 24" DEEP FLOOR TRUSSES @ 16" O/C
MAX UNLESS NOTED OTHERWISE.
2. TYPICAL CORRIDOR CONSTRUCTION: 3/4" SELF-
LEVELING GYPCRETE TOPPING ON 1/4" SOUND MAT
ON 3/4" THICK TONGUE AND GROOVE PLYWOOD
SHEATHING SUPPORTED BY 2X10 @ 16" O/C, UNLESS
NOTED OTHERWISE.
3. TYPICAL BALCONY CONSTRUCTION: 5/4" COMPOSITE
DECKING ON SLOPED TREATED 2X10 JOISTS @ 16"
O/C UNLESS NOTED OTHERWISE.
4. 3/4" SELF-LEVELING GYPCRETE TOPPING ON 1/4"
SOUND MAT ON 3/4" THICK TONGUE AND GROOVE
PLYWOOD SHEATHING SUPPORTED BY 1.75X9.25 LVL
JOISTS @ 16" O/C MAX UNLESS NOTED OTHERWISE.
5. 3/4" SELF-LEVELING GYPCRETE TOPPING ON 1/4"
SOUND MAT ON 3/4" THICK TONGUE AND GROOVE
PLYWOOD SHEATHING SUPPORTED BY 2X12 JOISTS
@ 16" O/C MAX UNLESS NOTED OTHERWISE.
6. SIMPSON HUC48 HANGER AT BEAM TO CMU WITH
(14) TITN25214H TITEN TURBO MASONRY SCREW
ANCHORS.
7. ALUMINUM CANOPY, SEE ARCH. SEE 960.3 FOR
BLOCKING AT ANCHORAGE LOCATIONS.
8. SIMPSON HHUS48 HANGER

CONSTRUCTION SET



PROJECT TITLE



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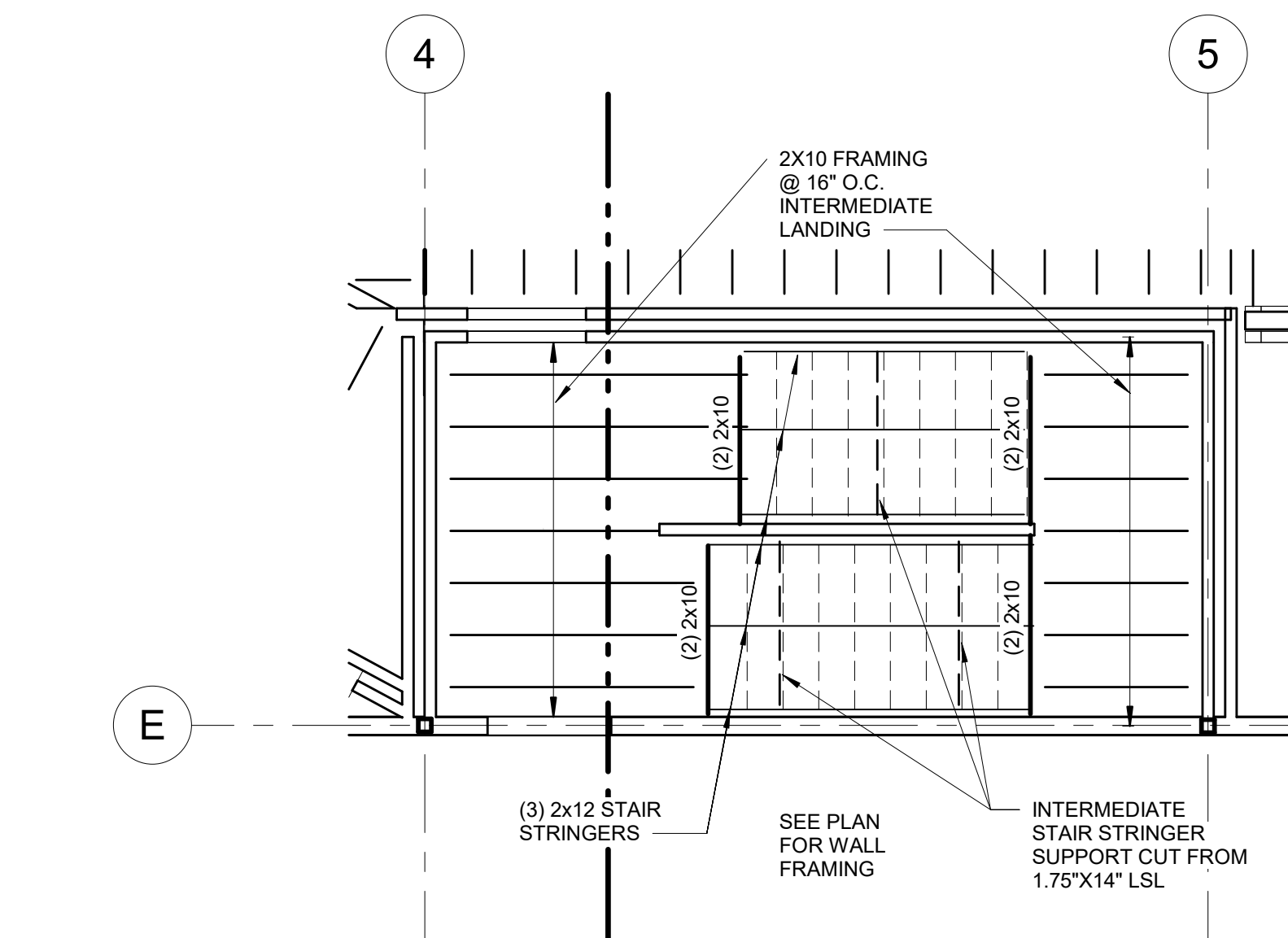
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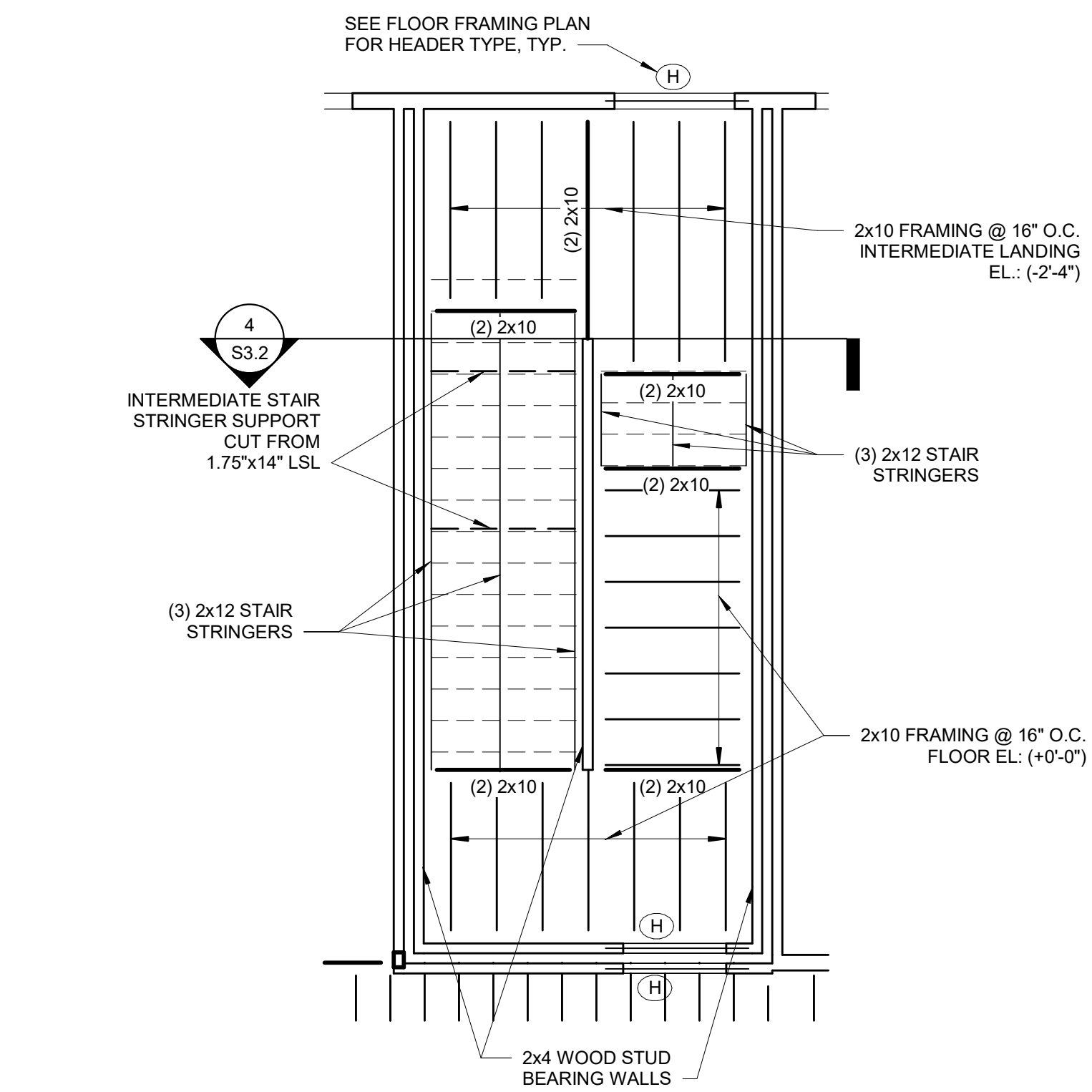
SECOND FLOOR FRAMING
PLAN - IL UNITS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	S1.2



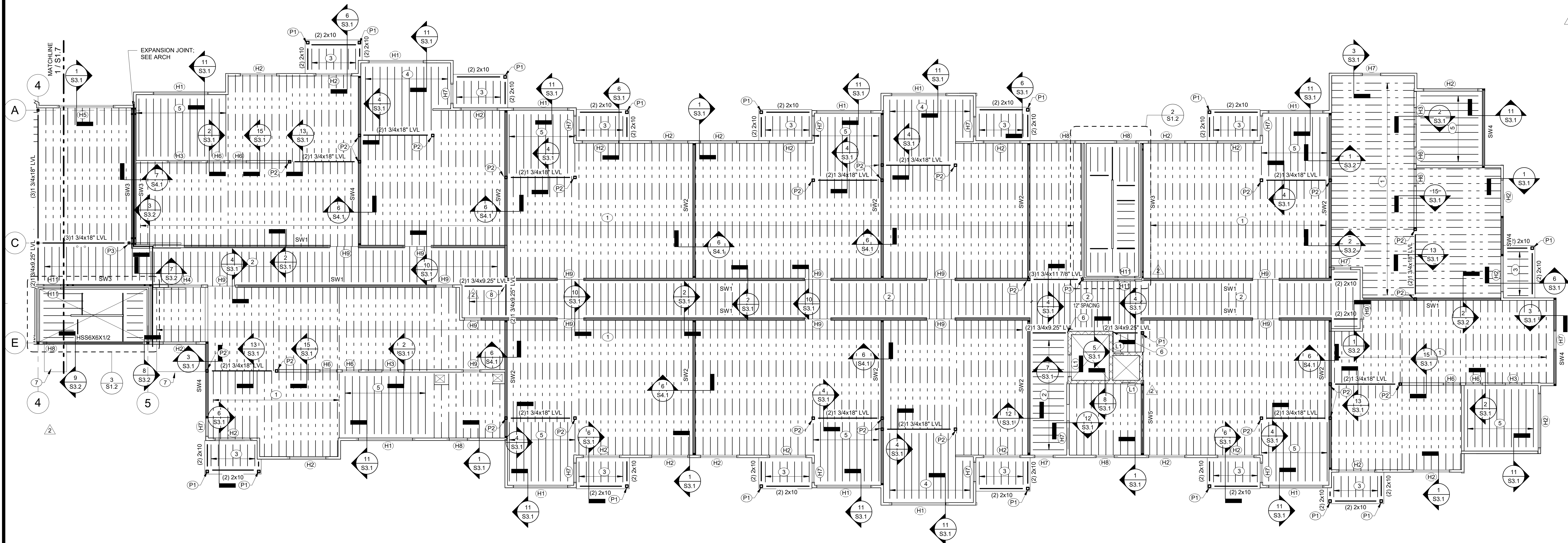
3 TYPICAL STAIR 1 FRAMING

S1.2 1/4" = 1'-0"



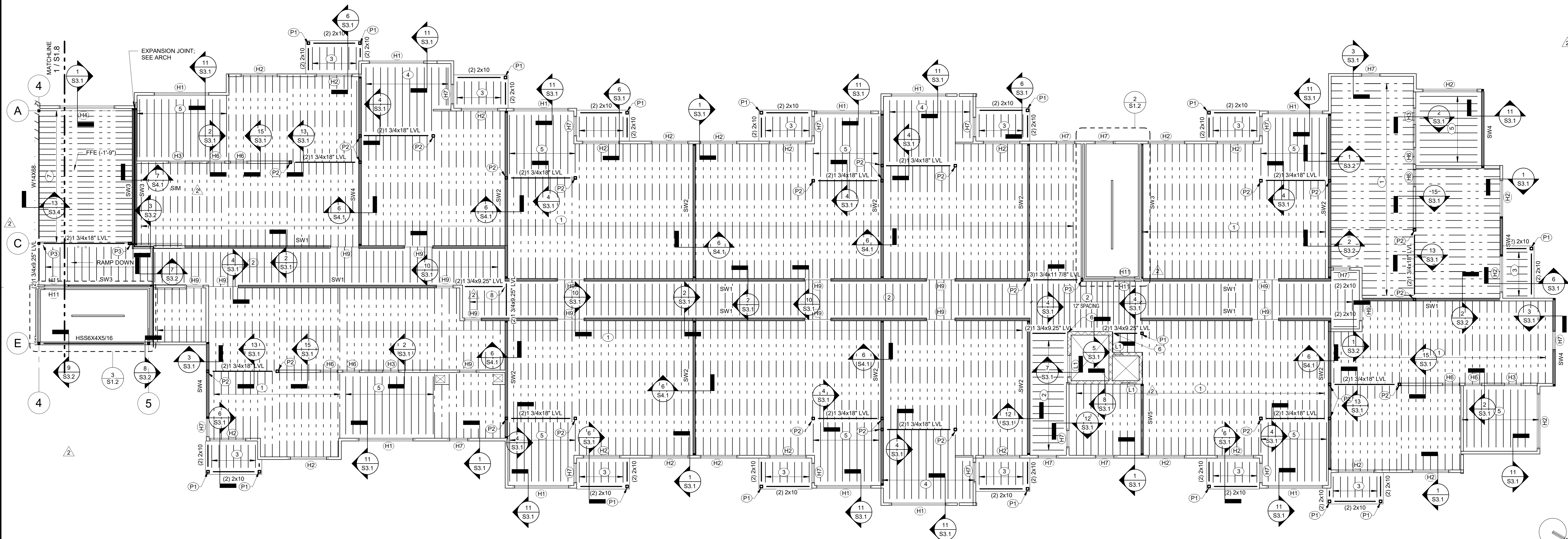
2 TYPICAL STAIR 2 FRAMING

S1.2 1/4" = 1'-0"



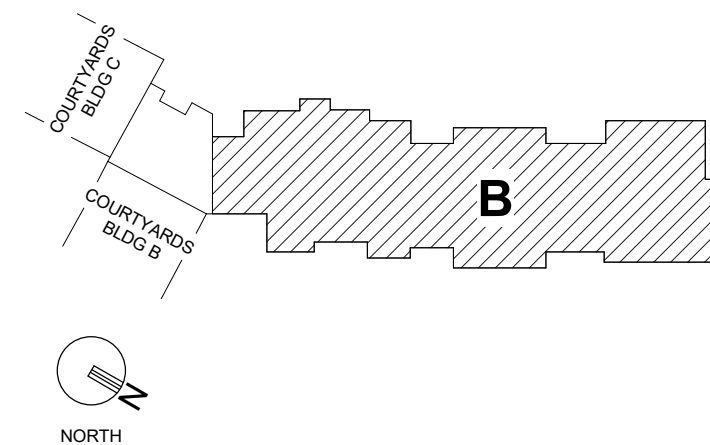
1 SECOND FLOOR FRAMING PLAN - IL UNITS

S1.2 1/8" = 1'-0"



1 THIRD FLOOR FRAMING PLAN - IL UNITS
S1.3 1/8" = 1'-0"

KEYPLAN



GENERAL NOTES

1. FINISHED THIRD FLOOR ELEVATION= (+22'-8") ABOVE REFERENCE FIRST FLOOR, UNLESS NOTED OTHERWISE. TOP OF THIRD FLOOR PLYWOOD ELEV= (-0'-1") BELOW FINISHED FLOOR ELEVATION.
2. TOP OF WOOD BEAM ELEV. AT BALCONIES= SEE ARCH. TOP OF WOOD BEAMS AT APARTMENT FLOORS = (-0'-6 1/4") BELOW FINISHED FLOOR ELEVATION, U.N.O.
3. REINFORCE ALL CMU WALLS W/ #5 VERTICAL @ 32" O/C, U.N.O.
4. SHADING INDICATES SHEARWALL LOCATION. SEE S4.1 FOR SHEARWALL ELEVATIONS AND LOCATIONS OF SIMPSON HOLDDOWN AT EACH END OF SHEARWALL.
5. CONTRACTOR SHALL COORDINATE ALL FLOOR FRAMING INTERFERENCES WITH MEP. ADD HEADERS AS REQUIRED TO PROVIDE NECESSARY CLEARANCES.
6. SEE SECTION 650.3 FOR WOOD BEAM TO STEEL COLUMN CONNECTION.
7. SEE S0.2 FOR BEARING WALL SCHEDULE AND HEADER SCHEDULE. PROVIDE H7 HEADER AT LOUVERS WITH 2'-8" MAX ROUGH OPENING.
8. BEAMS SHALL BE SUPPORTED BY 3-2X WALL STUDS, UNLESS NOTED OTHERWISE. SEE 750.2 FOR POST SCHEDULE. POSTS SHOWN ARE BELOW 3RD FLOOR.
9. PROVIDE FRT SHEATHING WITHIN 4'-0" OF FIREWALLS. SEE ARCH.

PLAN NOTES

1. TYPICAL FLOOR CONSTRUCTION: 3/4" SELF-LEVELING GYPCRETE TOPPING ON 1/4" SOUND MAT ON 3/4" THICK TONGUE AND GROOVE PLYWOOD SHEATHING SUPPORTED BY 24" DEEP FLOOR TRUSSES @ 16" O/C MAX UNLESS NOTED OTHERWISE.
2. TYPICAL CORRIDOR CONSTRUCTION: 3/4" SELF-LEVELING GYPCRETE TOPPING ON 1/4" SOUND MAT ON 3/4" THICK TONGUE AND GROOVE PLYWOOD SHEATHING SUPPORTED BY 2X10 @ 16" O/C, UNLESS NOTED OTHERWISE.
3. TYPICAL BALCONY CONSTRUCTION: 5/4" COMPOSITE DECKING ON SLOPED TREATED 2X10 JOISTS @ 16" O/C UNLESS NOTED OTHERWISE.
4. 3/4" SELF-LEVELING GYPCRETE TOPPING ON 1/4" SOUND MAT ON 3/4" THICK TONGUE AND GROOVE PLYWOOD SHEATHING SUPPORTED BY 1.75X9.25 LVL JOISTS @ 16" O/C MAX UNLESS NOTED OTHERWISE.
5. 3/4" SELF-LEVELING GYPCRETE TOPPING ON 1/4" SOUND MAT ON 3/4" THICK TONGUE AND GROOVE PLYWOOD SHEATHING SUPPORTED BY 2X12 JOISTS @ 16" O/C MAX UNLESS NOTED OTHERWISE.
6. SIMPSON HUC48 HANGER AT BEAM TO CMU WITH (14) TNY25214H TITEN TURBO MASONRY SCREW ANCHORS.
7. 3/4" SELF-LEVELING GYPCRETE TOPPING ON 1/4" SOUND MAT ON 3/4" THICK TONGUE AND GROOVE PLYWOOD SHEATHING SUPPORTED BY 16" DEEP FLOOR TRUSSES @ 12" O/C MAX UNLESS NOTED OTHERWISE.
8. SIMPSON HHUS48 HANGER

CONSTRUCTION SET



PROJECT TITLE



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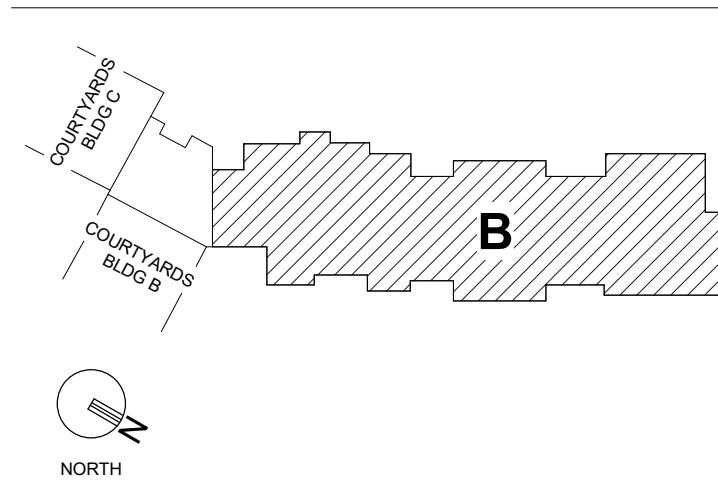
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ENGINEER : LBF	APPROVED : Approver
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DRAWING TITLE

THIRD FLOOR FRAMING
PLAN - IL UNITS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	S1.3

KEY PLAN

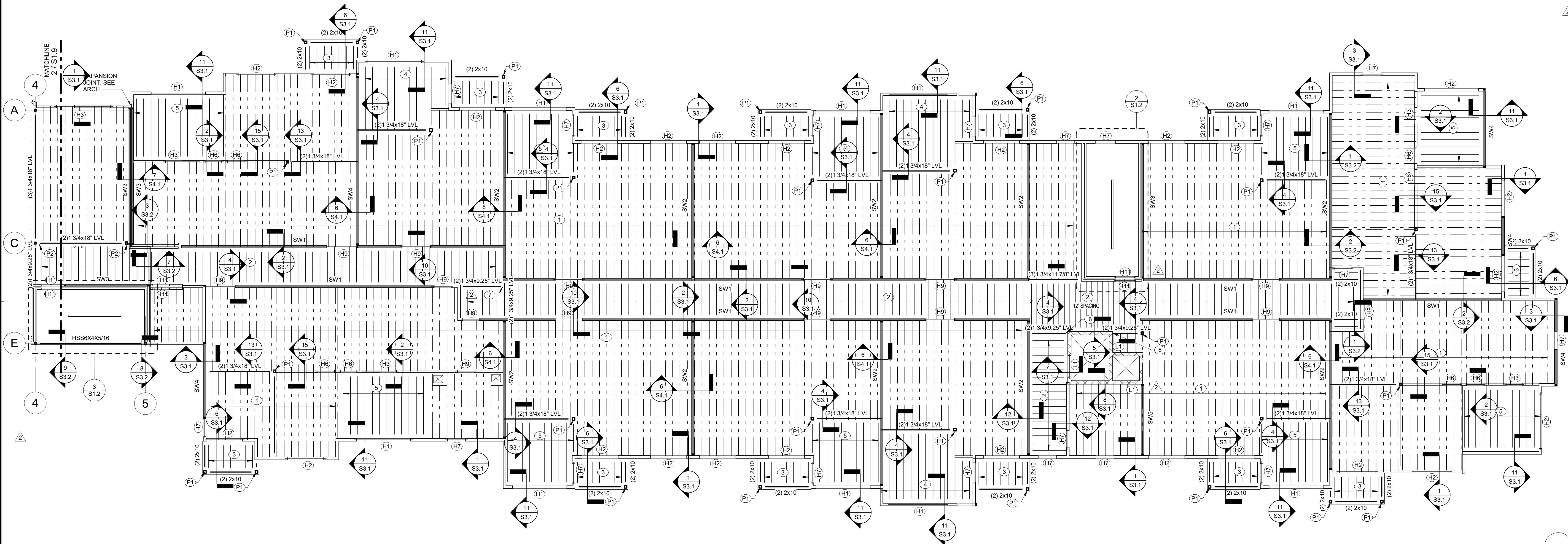


GENERAL NOTES

1. FINISHED FOURTH FLOOR ELEVATION= (+34'-0") ABOVE
REFERENCE FIRST FLOOR. UNLESS NOTED
OTHERWISE, TOP OF FOURTH FLOOR PLYWOOD ELEV.=
(-0'-1") BELOW FINISHED FLOOR ELEVATION.
2. TOP OF WOOD BEAM ELEV. AT BALCONIES= SEE ARCH.
TOP OF WOOD BEAMS AT APARTMENT FLOORS =
(-0'-8 1/4") BELOW FINISHED FLOOR ELEVATION, U.N.O.
3. REINFORCE ALL CMU WALLS W/ #5 VERTICAL @ 32" O/C,
U.N.O.
4. SHADING INDICATES SHEARWALL LOCATION. SEE S4.1
FOR SHEARWALL ELEVATIONS AND LOCATIONS OF
SIMPSON HOLDDOWN AT EACH END OF SHEARWALL.
5. CONTRACTOR SHALL COORDINATE ALL FLOOR
FRAMING INTERFERENCES WITH MEP. ADD HEADERS
AS REQUIRED TO PROVIDE NECESSARY CLEARANCES.
6. SEE SECTION 6S0.3 FOR WOOD BEAM TO STEEL
COLUMN CONNECTION.
7. SEE S0.2 FOR BEARING WALL SCHEDULE AND HEADER
SCHEDULE. PROVIDE H7 HEADER AT LOUVERS WITH
2'-8" MAX ROUGH OPENING.
8. BEAMS SHALL BE SUPPORTED BY 3-2X WALL
STUDS, UNLESS NOTED OTHERWISE. SEE 7S0.2 FOR
POST SCHEDULE.
9. PROVIDE FRT SHEATHING WITHIN 4'-0" OF FIREWALLS.
SEE ARCH.

PLAN NOTES

1. TYPICAL FLOOR CONSTRUCTION: 3/4" SELF-LEVELING
GYPCRETE TOPPING ON 1/4" SOUND MAT ON 3/4"
THICK TONGUE AND GROOVE PLYWOOD SHEATHING
SUPPORTED BY 24" DEEP FLOOR TRUSSES @ 16" O/C
MAX UNLESS NOTED OTHERWISE.
2. TYPICAL CORRIDOR CONSTRUCTION: 3/4" SELF-
LEVELING GYPCRETE TOPPING ON 1/4" SOUND MAT
ON 3/4" THICK TONGUE AND GROOVE PLYWOOD
SHEATHING SUPPORTED BY 2X10 @ 16" O/C, UNLESS
NOTED OTHERWISE.
3. TYPICAL BALCONY CONSTRUCTION: 5/4" COMPOSITE
DECKING ON SLOPED TREATED 2X10 JOISTS @ 16"
O/C UNLESS NOTED OTHERWISE.
4. 3/4" SELF-LEVELING GYPCRETE TOPPING ON 1/4"
SOUND MAT ON 3/4" THICK TONGUE AND GROOVE
PLYWOOD SHEATHING SUPPORTED BY 1.75X9.25 LVL
JOISTS @ 16" O/C MAX UNLESS NOTED OTHERWISE.
5. 3/4" SELF-LEVELING GYPCRETE TOPPING ON 1/4"
SOUND MAT ON 3/4" THICK TONGUE AND GROOVE
PLYWOOD SHEATHING SUPPORTED BY 2X12 JOISTS
@ 16" O/C MAX UNLESS NOTED OTHERWISE.
6. SIMPSON HUC48 HANGER AT BEAM TO CMU WITH
(14) TNT25214H TITEN TURBO MASONRY SCREW
ANCHORS.
7. SIMPSON HHUS48 HANGER



1 FOURTH FLOOR FRAMING PLAN - IL UNITS
S1.4 1/8" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



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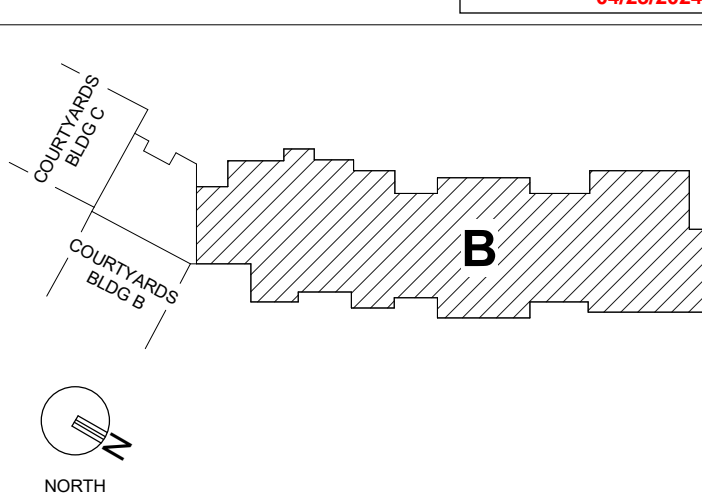
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ARCHITECT : DAS	CHECKED : BDT
ENGINEER : LBF	APPROVED : Approver
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DRAWING TITLE

FOURTH FLOOR FRAMING
PLAN - IL UNITS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	S1.4

KEYPLAN



GENERAL NOTES

1. ROOF TRUSS BEARING ELEVATION= (+43'-0 1/4") ABOVE REFERENCE FIRST FLOOR, UNLESS NOTED OTHERWISE. HIGH ROOF TRUSS BEARING ELEVATION= (+48'-5 7/8"), U.N.O.
2. TOP OF WOOD BEAM ELEV. AT BALCONIES= (+44'-6 1/4"), U.N.O. AT INTERIOR BEAMS, BOTTOM OF BEAM= ROOF TRUSS BEARING ELEVATION. TOP OF STL AT HOIST BEAM= (+48'-3 3/4").
3. REINFORCE ALL CMU WALLS W/ #5 VERTICAL @ 32" O.C. U.N.O.
4. SHADING INDICATES SHEARWALL LOCATION. SEE S4.1 FOR SHEARWALL ELEVATIONS AND LOCATIONS OF SIMPSON HOLDDOWN AT EACH END OF SHEARWALL.
5. CONTRACTOR SHALL COORDINATE ALL ROOF TRUSS FRAMING INTERFERENCES WITH MEP. ADD GIRDER TRUSSES AND HEADERS AS REQUIRED TO PROVIDE NECESSARY CLEARANCES.
6. SEE SECTION 650.3 FOR WOOD BEAM TO STEEL COLUMN CONNECTION.
7. SEE S0.2 FOR BEARING WALL SCHEDULE AND HEADER SCHEDULE. PROVIDE H7 HEADER AT LOUVERS WITH 2'-8" MAX ROUGH OPENING.
8. BEAMS SHALL BE SUPPORTED BY 3-2X WALL STUDS, UNLESS NOTED OTHERWISE. SEE 750.2 FOR POST SCHEDULE.
9. PROVIDE FR7 SHEATHING WITHIN 4'-0" OF FIREWALLS. SEE ARCH.

PLAN NOTES

1. TYPICAL ROOF FRAMING: 5/8" THICK PLYWOOD ROOF SHEATHING ON PRE-ENGINEERED WOOD ROOF TRUSSES WITH TOP CHORD AT 1/4" FOOT SLOPE SPACED @ 24" OC MAX SPACING, UNLESS NOTED OTHERWISE. SEE PLAN FOR TRUSS DEPTHS AT CORRIDOR AND EXTERIOR WALLS.
2. 5/8" THICK PLYWOOD ROOF SHEATHING ON 2X10 JOISTS @ 16" OC MAX SPACING SLOPED AT 1/4" FOOT. TREATED SHEATHING AND 2X AT BALCONIES.
3. 5/8" THICK PLYWOOD ROOF SHEATHING ON 2X12 JOISTS @ 24" OC MAX SPACING.
4. 5/8" THICK PLYWOOD ROOF SHEATHING ON 2X10 JOISTS @ 24" OC MAX SPACING OVER HORIZONTAL SHAFTLINER CAP. SEE ARCH. DWGS.
5. WALL STUDS ARE CONTINUOUS FROM 4TH FLOOR TO HIGH TRUSS BEARING. PROVIDE SIMPSON H10A HURRICANE TIES MINIMUM THIS WALL.
6. DESIGN TRUSSES FOR RTU WEIGHT INDICATED ON PLAN. FINAL LOCATION OF POINT LOADS SHALL BE COORDINATED WITH ACTUAL SELECTED RTU CURB DIMENSIONS. SEE 10/S3.3 AT CURB.
7. TYPICAL HIGH ROOF FRAMING: 5/8" THICK PLYWOOD ROOF SHEATHING ON PRE-ENGINEERED WOOD ROOF TRUSSES SPACED @ 24" OC MAX SPACING, UNLESS NOTED OTHERWISE. TRUSS DEPTH= 16" DEEP.
8. FRAME AROUND ROOF HATCH WITH GIRDER TRUSSES. SEE ARCH FOR LOCATION.
9. SIMPSON HUC210-3 HANGER AT BEAM TO CMU WITH (14) TNT25214H TITEN TURBO MASONRY SCREW ANCHORS.
10. PROVIDE SHEAR PANELS TIGHT TO ALL 4 SIDES BETWEEN EACH TRUSS.

CONSTRUCTION SET



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ENGINEER : LBF	APPROVED : Approver
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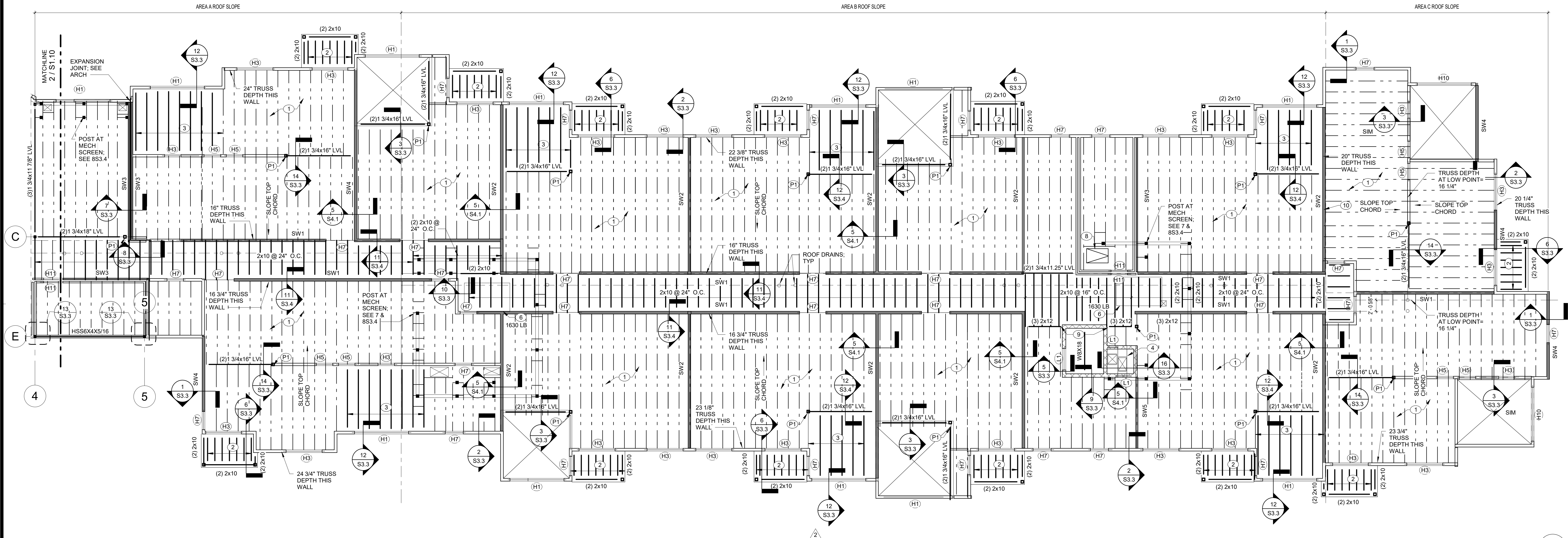
ROOF FRAMING PLAN - IL
UNITS

DATE:	January 5, 2024	DRAWING
COMM. NO.	23104.00	

S1.5

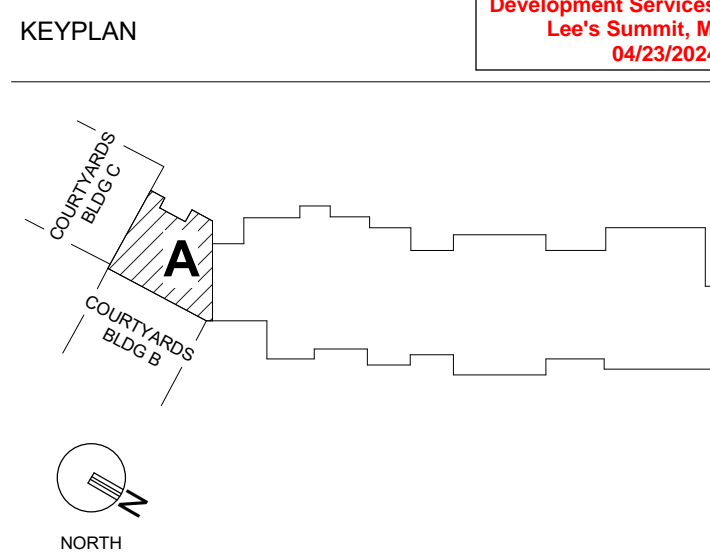
2 HIGH ROOF FRAMING PLAN

S1.5 1/8" = 1'-0"



1 ROOF FRAMING PLAN

S1.5 1/8" = 1'-0"



1. TOP OF FIRST FLOOR CONCRETE SLAB ELEVATION = (+0'-0"), UNLESS NOTED OTHERWISE.
2. TOP OF FOOTING ELEVATION = (-1'-0") BELOW REFERENCE FIRST FLOOR, UNLESS NOTED OTHERWISE.
3. FINISHED SECOND FLOOR ELEVATION: (+11'-4") ABOVE REFERENCE FIRST FLOOR, UNLESS NOTED OTHERWISE. TOP OF SECOND FLOOR PL WOOD ELEV. (-0'-1") BELOW FINISHED FLOOR ELEVATION.
4. TRUSS BEARING ELEV. AT VESTIBULE VARIES WITH LANDING ELEVATIONS, AS REFERENCE FROM BUILDING SECOND FLOOR ELEVATION. SEE PLAN.
5. REINFORCE ALL CMU WALLS W/ #5 REINCLAT @ 32" O.C. UNO.
6. SHADING INDICATES SHEARWALL LOCATION. SEE S4 FOR SHEARWALL ELEVATIONS AND LOCATIONS FOR SIMPSON HOLD-DOWN AT EACH END OF SHEARWALL.
7. CONTRACTOR SHALL COORDINATE ALL FOUNDATION INTERFERENCES WITH MEP, AND HEADERS AS REQUIRED TO PROVIDE NECESSARY CLEARANCE.
8. SEE SECTION 650.3 FOR WOOD BEAM TO STEEL COLUMN CONNECTION.
9. SEE 650.2 FOR BEARING WALL SCHEDULE.
10. BEAMS SHALL BE SUPPORTED BY 3-2x4 WALL STUDS, UNLESS NOTED OTHERWISE. SEE 750.2 FOR POST SCHEDULE.
11. "S" INDICATES THICKENED SLAB UNDER WALL OR STAIR STRINGER.

- ① 4"-THICK CONCRETE SLAB ON GRADE ON VAPOR RETARDER AND GRANULAR FILL, REINFORCED WITH 6X6-W1.4XW1.4 WELDED WIRE FABRIC.
- ② UNDERGROUND UTILITY. SEE S0.1 AND PLUMBING DRAWINGS. THICKEN GRADE BEAM TO MAINTAIN 8" CONCRETE BELOW BOTTOM OF PIPE.

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ARCHITECT : DAS	CHECKED : BDT
ENGINEER : LBF	APPROVED : Approver
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2	REV 1- PERMIT COMMENTS
3	ADDENDUM 1

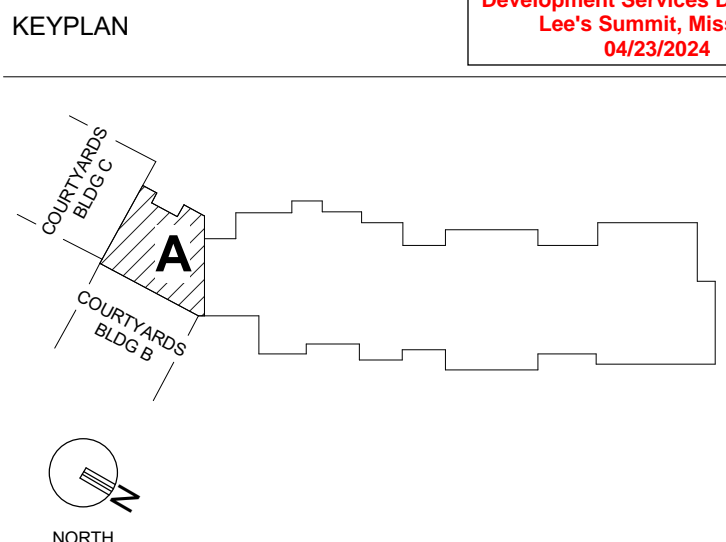
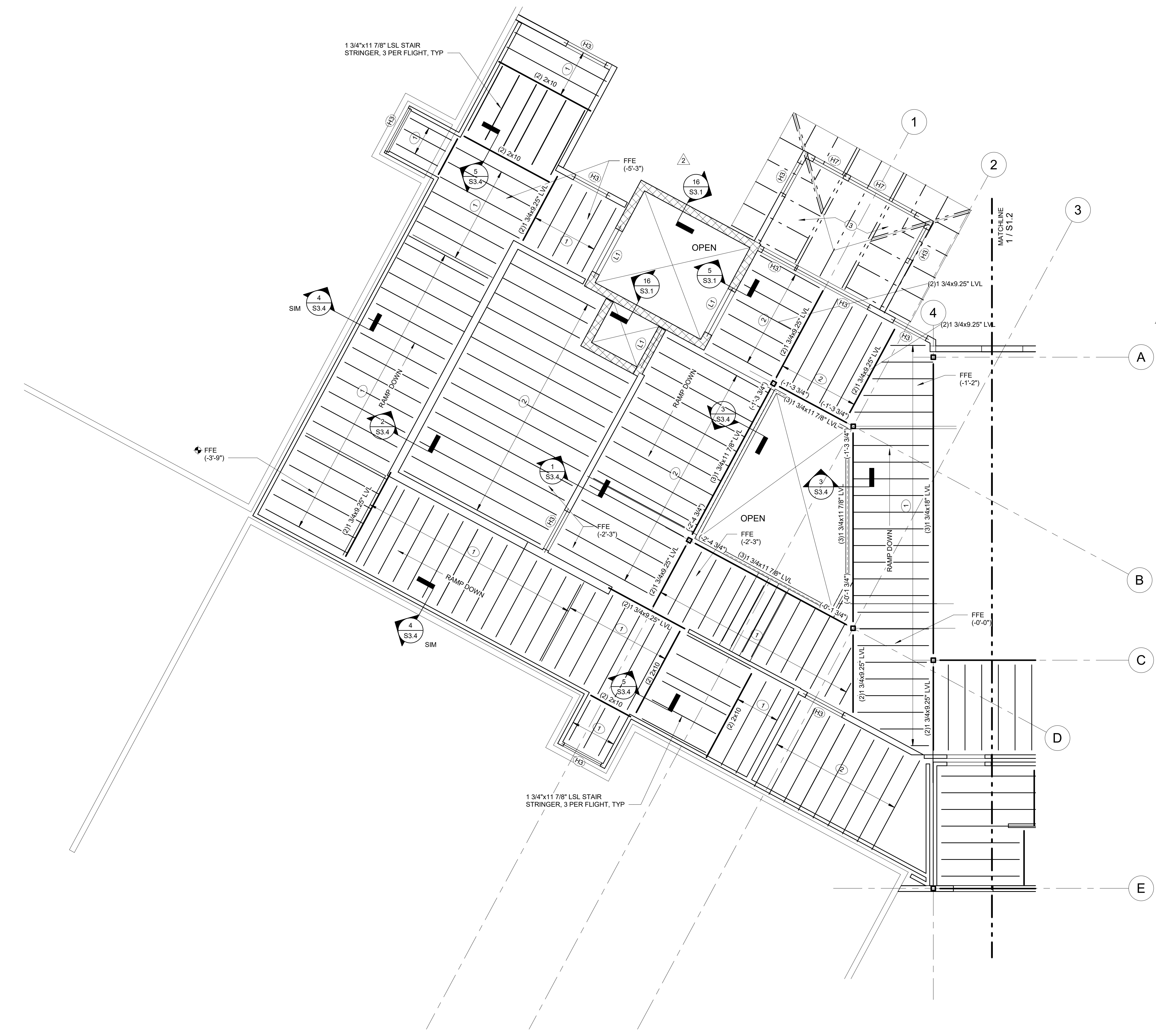
A circle with a shaded sector. The label 'N' is placed near the arc of the shaded sector.

DRAWING

23104.00

S1.6

1 ATRIUM - FIRST FLOOR PLAN
S1.6 1/4" = 1'-0"



- GENERAL NOTES
1. FINISHED SECOND FLOOR ELEVATION= (+1'-4") ABOVE REFERENCE FIRST FLOOR, UNLESS NOTED OTHERWISE. TOP OF SECOND FLOOR PLYWOOD ELEV= (-0'-1") BELOW FINISHED FLOOR ELEVATION.
 2. TOP OF BEAM=TOP OF JOIST=(-0'-1 3/4") BELOW FINISHED FLOOR. FINISHED FLOOR ELEVATION VARIES. SEE PLAN FOR FINISHED FLOOR ELEVATION REFERENCED TO FINISHED THIRD FLOOR ELEVATION.
 3. REINFORCE ALL CMU WALLS W/ #5 VERTICAL @ 32" O/C, U.N.O.
 4. SHADING INDICATES SHEARWALL LOCATION. SEE S4.1 FOR SHEARWALL ELEVATIONS AND LOCATIONS OF SIMPSON HOLDDOWN AT EACH END OF SHEARWALL.
 5. CONTRACTOR SHALL COORDINATE ALL FLOOR FRAMING INTERFERENCES WITH MEP. ADD HEADERS AS REQUIRED TO PROVIDE NECESSARY CLEARANCES.
 6. SEE SECTION 650.3 FOR WOOD BEAM TO STEEL COLUMN CONNECTION.
 7. SEE 650.2 FOR BEARING WALL SCHEDULE.
 8. BEAMS SHALL BE SUPPORTED BY 3-2X WALL STUDS, UNLESS NOTED OTHERWISE. SEE 750.2 FOR POST SCHEDULE.
 9. SIMPSON LU28 OR HU28 SKEWED BEAM HANGER AT 2X10 JOISTS TO BEAM. SIMPSON HU151/10 AT LVL JOISTS TO BEAM. SIMPSON LU5410 AT 2 PLY LVL TO LVL BEAM.
 10. PROVIDE FRT SHEATHING WITHIN 4'-0" OF FIREWALLS. SEE ARCH.

- PLAN NOTES
- 1 3/4" THICK TONGUE AND GROOVE PLYWOOD SHEATHING ON 1/4" SOUND MAT ON 3/4" THICK TONGUE AND GROOVE PLYWOOD SHEATHING SUPPORTED BY 2X10 @ 16" O/C, UNLESS NOTED OTHERWISE.
 - 3/4" THICK TONGUE AND GROOVE PLYWOOD SHEATHING ON 1/4" SOUND MAT ON 3/4" THICK TONGUE AND GROOVE PLYWOOD SHEATHING SUPPORTED BY 1.75X9.25" LVL @ 16" O/C, UNLESS NOTED OTHERWISE.
 - TYPICAL ROOF FRAMING: 5/8" THICK PLYWOOD ROOF SHEATHING ON PRE-ENGINEERED WOOD ROOF TRUSSES SPACED @ 24" O/C MAX SPACING, UNLESS NOTED OTHERWISE.

CONSTRUCTION SET



PROJECT TITLE



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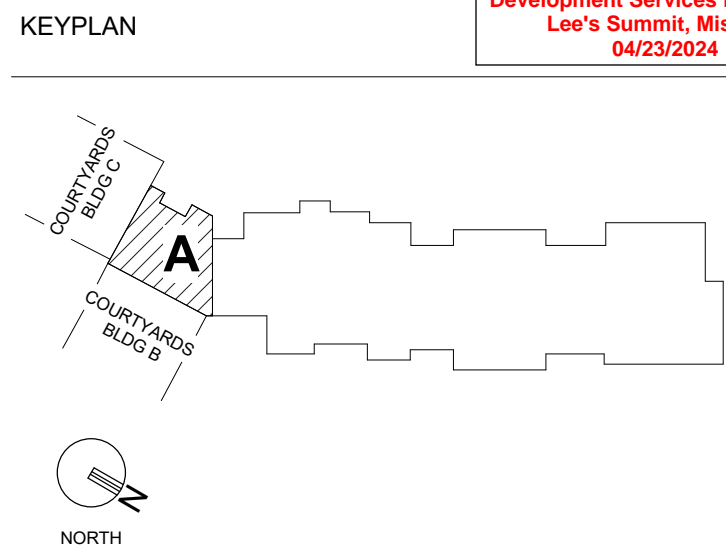
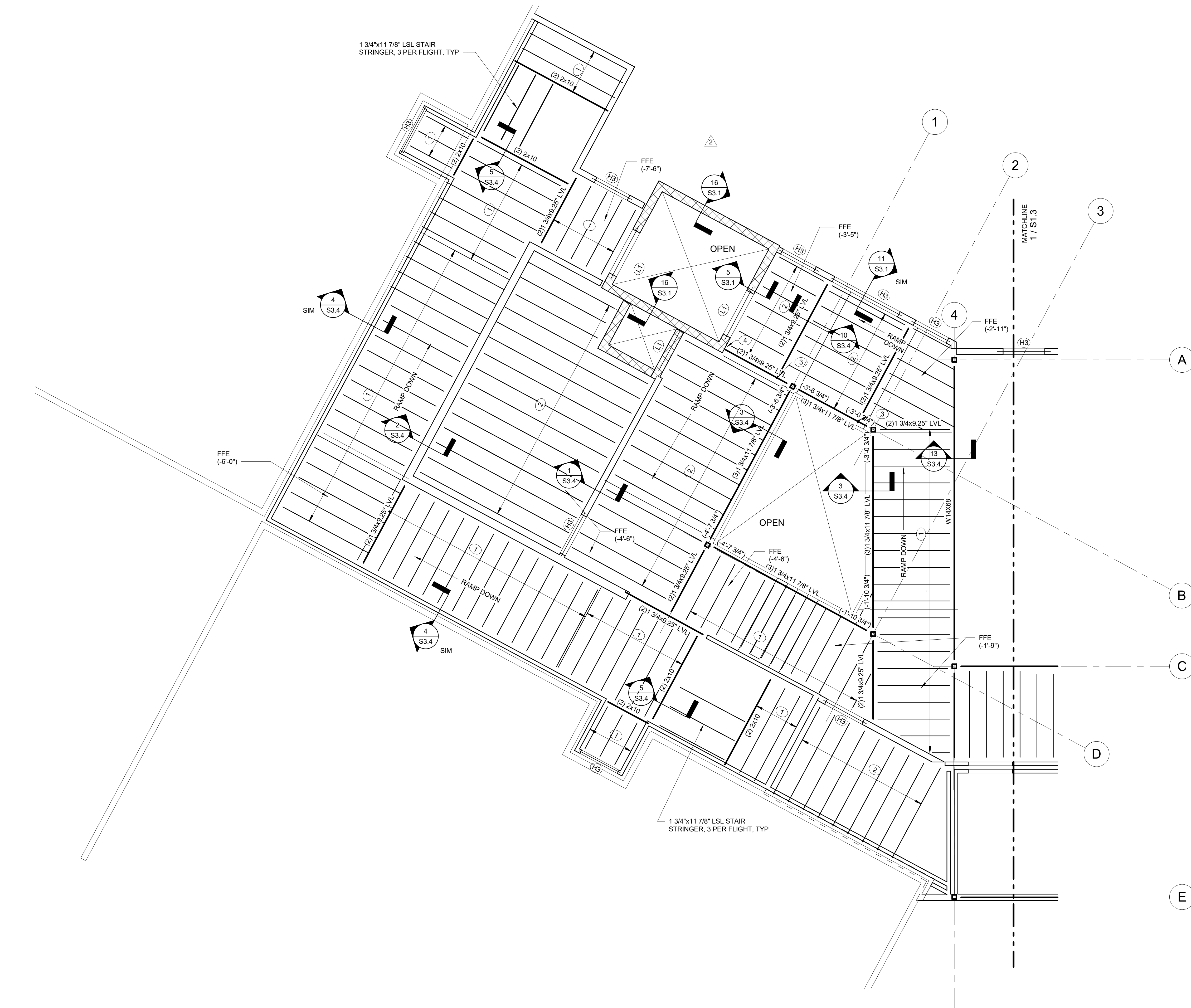
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ENGINEER : LBF	APPROVED : Approver	
NO.	REVISION DESCRIPTION	DATE
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DRAWING TITLE
**SECOND FLOOR FRAMING
PLAN - ATRIUM**

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	S1.7

1 SECOND FLOOR FRAMING PLAN - ATRIUM
S1.7 1/4" = 1'-0"



- GENERAL NOTES
1. FINISHED THIRD FLOOR ELEVATION= (+22'-8") ABOVE REFERENCE FIRST FLOOR, UNLESS NOTED OTHERWISE. TOP OF THIRD FLOOR PLYWOOD ELEV= (-0'-1") BELOW FINISHED FLOOR ELEVATION.
 2. TOP OF BEAM=TOP OF JOIST=(-0'-1 3/4") BELOW FINISHED FLOOR. FINISHED FLOOR ELEVATION VARIES. SEE PLAN FOR FINISHED FLOOR ELEVATION REFERENCED TO FINISHED THIRD FLOOR ELEVATION.
 3. REINFORCE ALL CMU WALLS W/ #5 VERTICAL @ 32" O/C, U.N.O.
 4. SHADING INDICATES SHEARWALL LOCATION. SEE S4.1 FOR SHEARWALL ELEVATIONS AND LOCATIONS OF SIMPSON HOLDDOWN AT EACH END OF SHEARWALL.
 5. CONTRACTOR SHALL COORDINATE ALL FLOOR FRAMING INTERFERENCES WITH MEP. ADD HEADERS AS REQUIRED TO PROVIDE NECESSARY CLEARANCES.
 6. SEE SECTION 6S0.3 FOR WOOD BEAM TO STEEL COLUMN CONNECTION.
 7. SEE 6S0.2 FOR BEARING WALL SCHEDULE.
 8. BEAMS SHALL BE SUPPORTED BY 3-2X WALL STUDS, UNLESS NOTED OTHERWISE. SEE 7S0.2 FOR POST SCHEDULE.
 9. SIMPSON LU28 OR HU28 SKEWED BEAM HANGER AT 2X10 JOISTS TO BEAM. SIMPSON HUS1.81110 AT LVL JOISTS TO BEAM. SIMPSON LUS410 AT 2 PLY LVL TO LVL BEAM, UNO.
 10. PROVIDE FRT SHEATHING WITHIN 4'-0" OF FIREWALLS. SEE ARCH.

- PLAN NOTES
1. 3/4" THICK TONGUE AND GROOVE PLYWOOD SHEATHING ON 1/4" SOUND MAT ON 3/4" THICK TONGUE AND GROOVE PLYWOOD SHEATHING SUPPORTED BY 2X10 @ 16" O/C, UNLESS NOTED OTHERWISE.
 2. 3/4" THICK TONGUE AND GROOVE PLYWOOD SHEATHING ON 1/4" SOUND MAT ON 3/4" THICK TONGUE AND GROOVE PLYWOOD SHEATHING SUPPORTED BY 1 7/8x9.25" LVL @ 16" O/C, UNLESS NOTED OTHERWISE.
 3. SIMPSON HHUS48 HANGER.
 4. SIMPSON HUC48 WITH (10) TNT25214H TITEN TURBO MASONRY SCREW ANCHORS.

CONSTRUCTION SET



PROJECT TITLE



John Knox Village

COURTYARDS - BUILDING E

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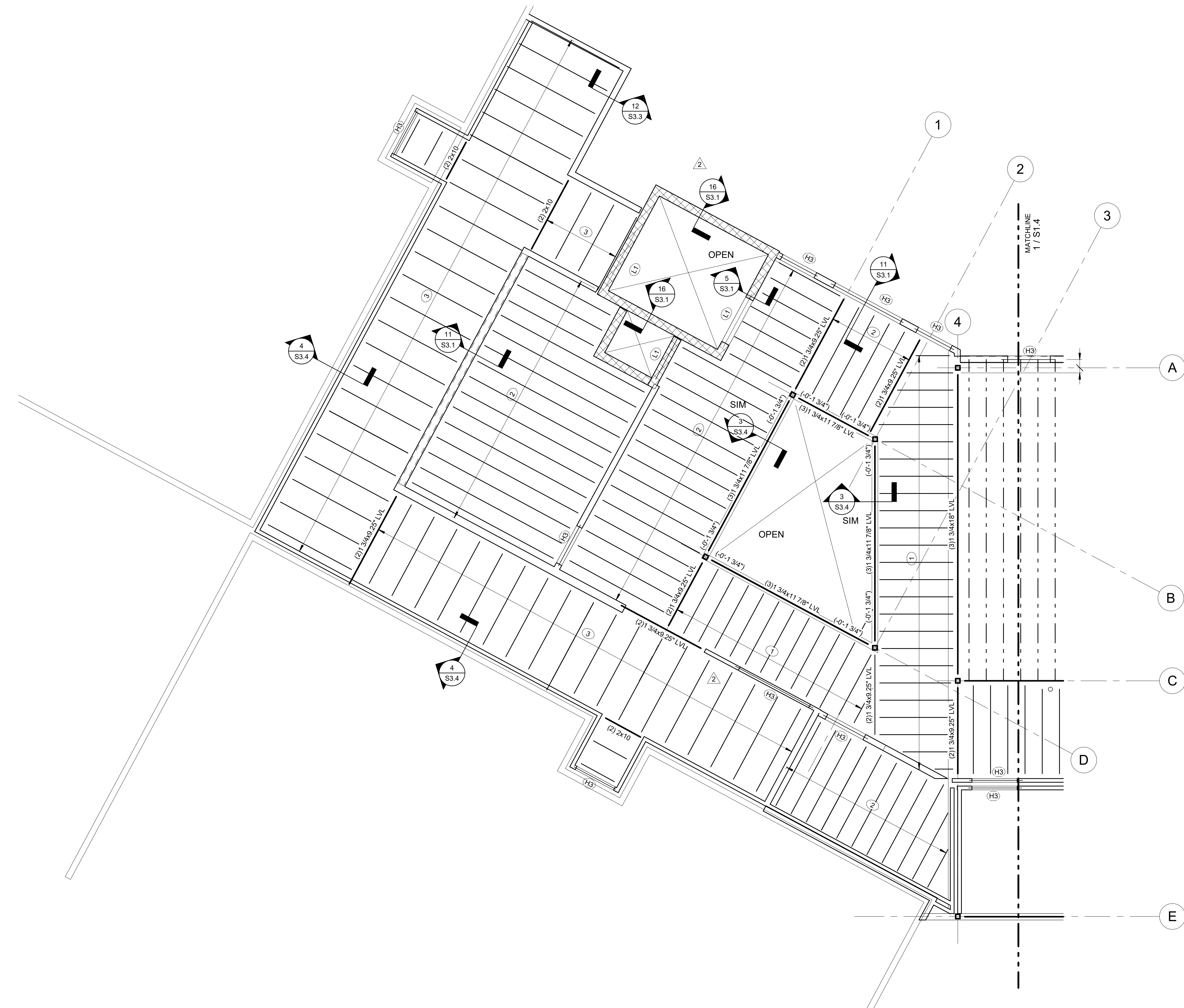
DESIGNER : DAS	DRAWN : BSW	
ARCHITECT : DAS	CHECKED : BDT	
ENGINEER : LBF	APPROVED : Approver	
NO.	REVISION DESCRIPTION	DATE
2	REV 1- PERMIT COMMENTS	2/15/24

DRAWING TITLE

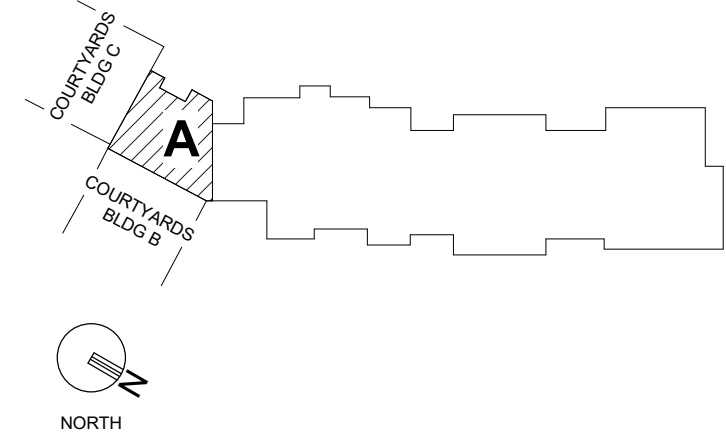
THIRD FLOOR FRAMING
PLAN - ATRIUM

DATE:	January 5, 2024	DRAWING
COMM. NO.	23104.00	S1.8

1 THIRD FLOOR FRAMING PLAN - ATRIUM
S1.8 1/4" = 1'-0"



KEYPLAN



GENERAL NOTES

1. FINISHED FOURTH FLOOR ELEVATION= (+34'-0") ABOVE REFERENCE FIRST FLOOR, UNLESS NOTED OTHERWISE. TOP OF FOURTH FLOOR PLYWOOD ELEV= (-0'-1") BELOW FINISHED FLOOR ELEVATION.
2. TOP OF BEAM=TOP OF JOIST= (-0'-1 3/4") BELOW FINISHED FLOOR.
3. REINFORCE ALL CMU WALLS W/ #5 VERTICAL @ 32" O/C, U.N.O.
4. SHADING INDICATES SHEARWALL LOCATION. SEE S4.1 FOR SHEARWALL ELEVATIONS AND LOCATIONS OF SIMPSON HOLDDOWN AT EACH END OF SHEARWALL.
5. CONTRACTOR SHALL COORDINATE ALL FLOOR FRAMING INTERFERENCES WITH MEP. ADD HEADERS AS REQUIRED TO PROVIDE NECESSARY CLEARANCES.
6. SEE SECTION 6S0.3 FOR WOOD BEAM TO STEEL COLUMN CONNECTION.
7. SEE 6S0.2 FOR BEARING WALL SCHEDULE.
8. BEAMS SHALL BE SUPPORTED BY 3-2X WALL STUDS, UNLESS NOTED OTHERWISE. SEE 7S0.2 FOR POST SCHEDULE.
9. SIMPSON LU28 OR HU28 SKEWED BEAM HANGER AT 2X10 JOISTS TO BEAM. SIMPSON HUS1.81/10 AT LVL JOISTS TO BEAM. SIMPSON LUS410 AT 2 PLY LVL TO LVL BEAM.
10. PROVIDE FRT SHEATHING WITHIN 4'-0" OF FIREWALLS. SEE ARCH.

PLAN NOTES

- 1 3/4" THICK TONGUE AND GROOVE PLYWOOD SHEATHING ON 1/4" SOUND MAT ON 3/4" THICK TONGUE AND GROOVE PLYWOOD SHEATHING SUPPORTED BY 2X10 @ 16" O/C, UNLESS NOTED OTHERWISE.
- 2 3/4" THICK TONGUE AND GROOVE PLYWOOD SHEATHING ON 1/4" SOUND MAT ON 3/4" THICK TONGUE AND GROOVE PLYWOOD SHEATHING SUPPORTED BY 1 7/8x9.25' LVL @ 16" O/C, UNLESS NOTED OTHERWISE.
- 3 5/8" THICK PLYWOOD SHEATHING ON 2X10 JOISTS @ 24" O/C, UNLESS NOTED OTHERWISE. LOW ROOF JOIST BEARING= (+26'-0 3/4") ABOVE REFERENCED FIRST FLOOR.

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ARCHITECT : DAS	CHECKED : BDT	
ENGINEER : LBF	APPROVED : Approver	
NO.	REVISION DESCRIPTION	DATE
2	REV 1- PERMIT COMMENTS	2/15/24

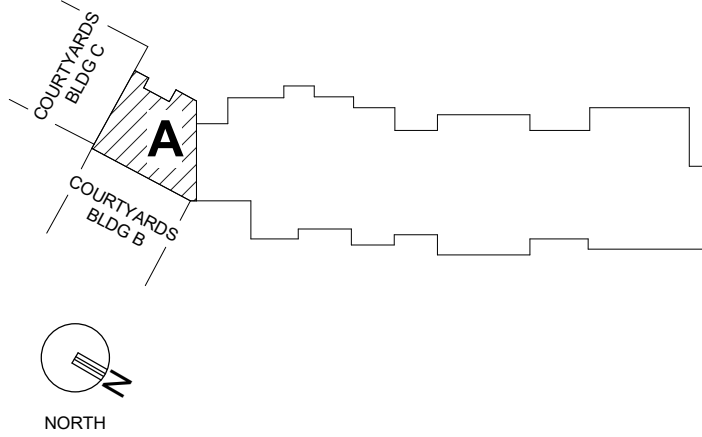
DRAWING TITLE

FOURTH FLOOR FRAMING
PLAN - ATRIUM

DATE:	January 5, 2024	DRAWING
COMM. NO.	23104.00	S1.9

2 FOURTH FLOOR FRAMING PLAN - ATRIUM
S1.9 1/4" = 1'-0"

KEYPLAN



GENERAL NOTES

1. ROOF TRUSS BEARING ELEVATION= (+43'-0 1/4") ABOVE REFERENCE FIRST FLOOR, UNLESS NOTED OTHERWISE. CLERESTORY JOIST BEARING ELEVATION= (+50'-4"), U.N.O. ELEVATOR HOISTWAY JOIST BEARING= (+48'-11").
2. BOTTOM OF WOOD BEAM= ROOF TRUSS BEARING ELEVATION. TOP OF STL AT HOIST BEAM= (+48'-3 3/4").
3. REINFORCE ALL CMU WALLS W/ #5 VERTICAL @ 32" O.C. U.N.O.
4. SHADING INDICATES SHEARWALL LOCATION. SEE S4.1 FOR SHEARWALL ELEVATIONS AND LOCATIONS OF SIMPSON HOLDDOWN AT EACH END OF SHEARWALL.
5. CONTRACTOR SHALL COORDINATE ALL ROOF TRUSS FRAMING INTERFERENCES WITH MEP. ADD GIRDER TRUSSES AND HEADERS AS REQUIRED TO PROVIDE NECESSARY CLEARANCES.
6. SEE SECTION 650.3 FOR WOOD BEAM TO STEEL COLUMN CONNECTION.
7. SEE 650.2 FOR BEARING WALL SCHEDULE.
8. BEAMS SHALL BE SUPPORTED BY 3-2X WALL STUDS, UNLESS NOTED OTHERWISE. SEE 750.2 FOR POST SCHEDULE.
9. PROVIDE FRT SHEATHING WITHIN 4'-0" OF FIREWALLS. SEE ARCH.

PLAN NOTES

1. TYPICAL ROOF FRAMING: 5/8" THICK PLYWOOD ROOF SHEATHING ON PRE-ENGINEERED WOOD ROOF TRUSSES WITH TOP CHORD AT 1/4" FOOT SLOPE SPACED @ 24" O/C MAX SPACING, UNLESS NOTED OTHERWISE. MINIMUM TRUSS DEPTH=16" DEEP.
2. TYPICAL HIGH ROOF FRAMING: 5/8" THICK PLYWOOD ROOF SHEATHING ON PRE-ENGINEERED WOOD ROOF TRUSSES SPACED @ 24" O/C MAX SPACING OVER HORIZONTAL SHAFTLINER CAP. SEE ARCH. TRUSS DEPTH= 16" DEEP. 2X6 @ 24" O/C AT SIM.
3. 5/8" THICK PLYWOOD ROOF SHEATHING ON JOISTS @ 24" O/C MAX SPACING.
4. DESIGN TRUSSES FOR RTU WEIGHT INDICATED ON PLAN. FINAL LOCATION OF POINT LOADS SHALL BE COORDINATED WITH ACTUAL SELECTED RTU CURB DIMENSIONS. SEE 10/S3.3 AT CURB.
5. SIMPSON HUC48 HANGER AT BEAM TO CMU WITH (14) TNT25214H TITEN TURBO MASONRY SCREW ANCHORS

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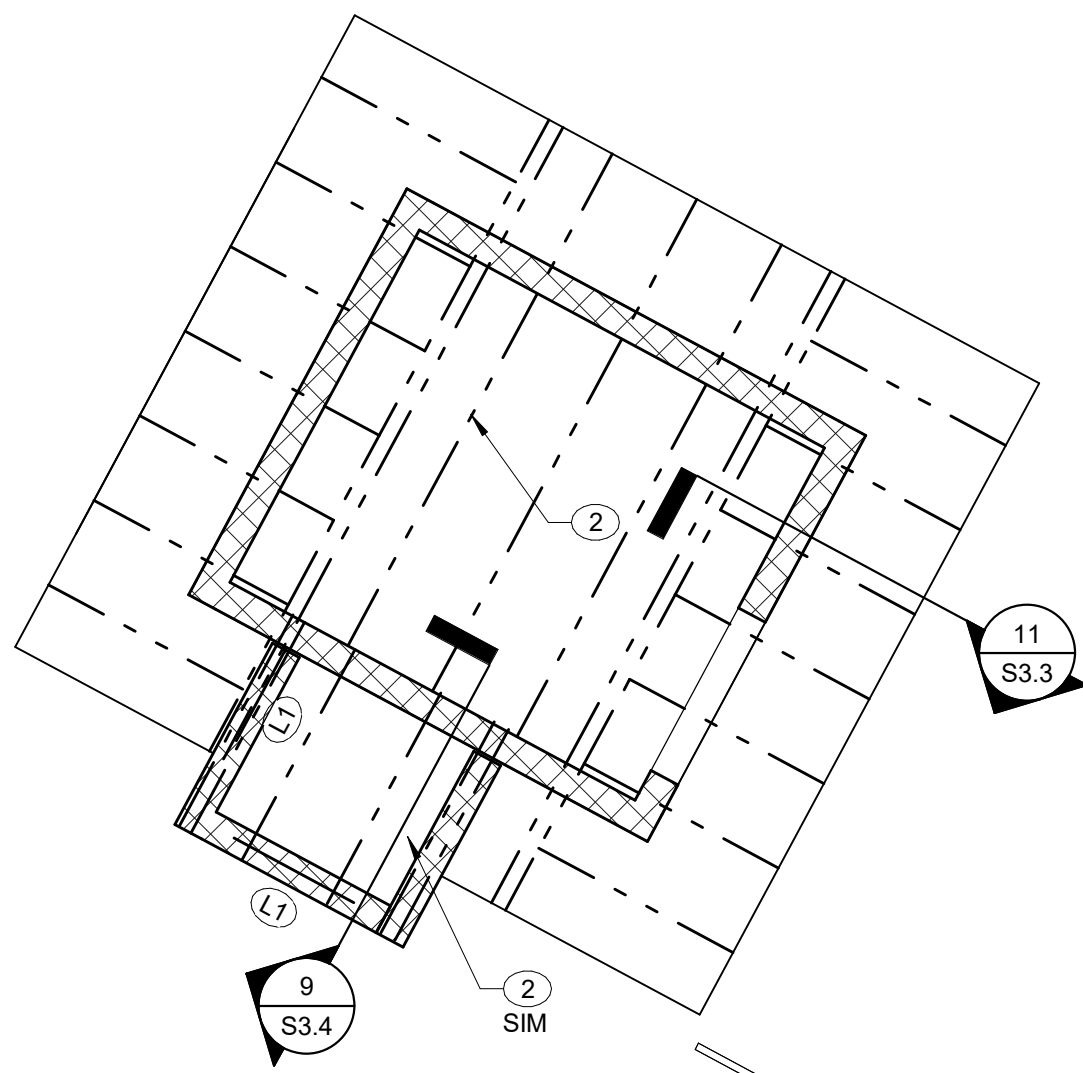
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ARCHITECT : DAS	CHECKED : BDT	
ENGINEER : LBF	APPROVED : Approver	
NO.	REVISION DESCRIPTION	DATE
2	REV 1- PERMIT COMMENTS	2/15/24

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ROOF FRAMING PLAN -
ATRIUM

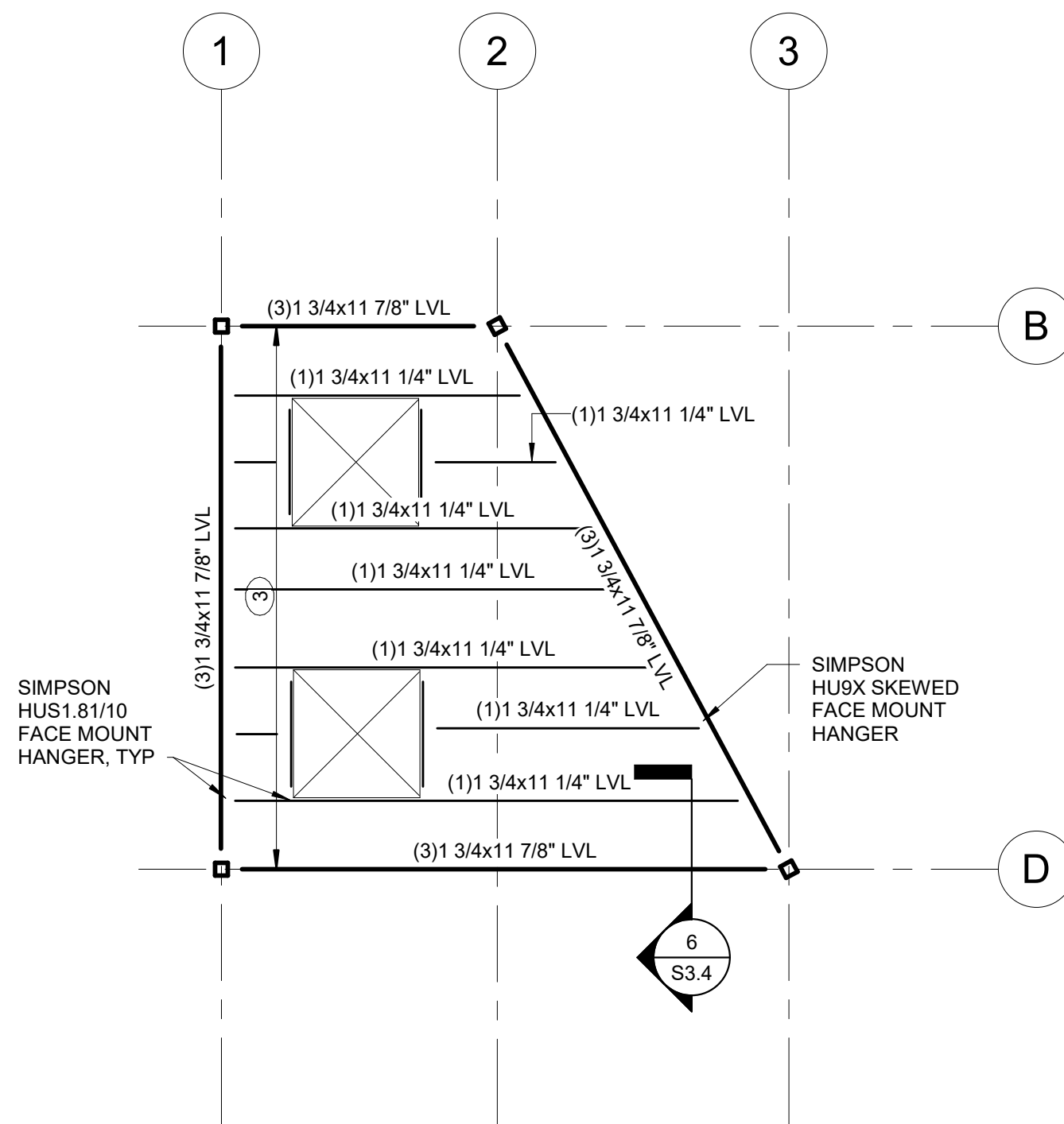
DATE:	January 5, 2024	DRAWING
COMM. NO.	23104.00	S1.10



TOP OF CMU AT ELEVATOR HOISTWAY= (+49'-4").
TOP OF CMU AT SHAFT= (+50'-4")

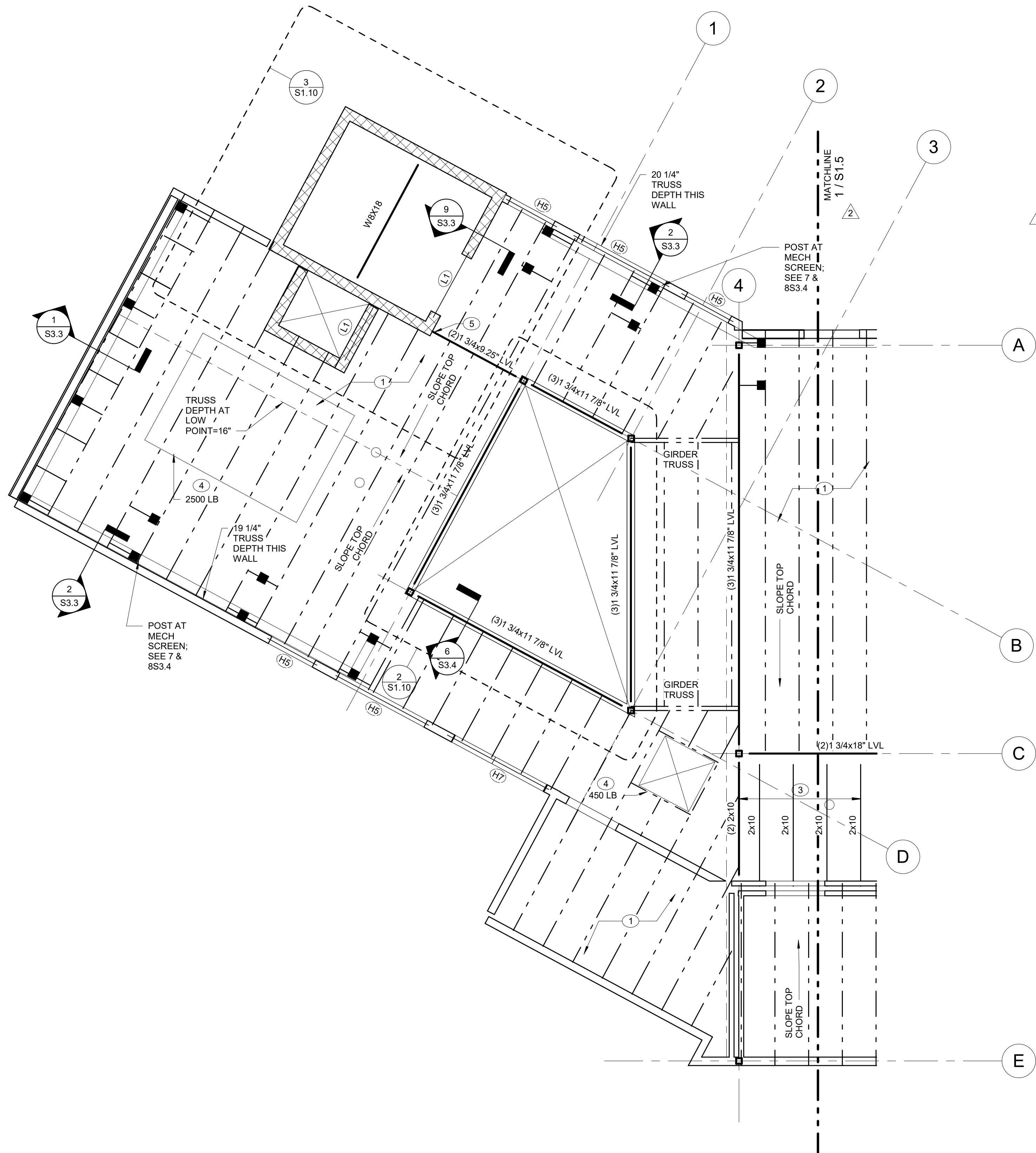
ELEVATOR HOISTWAY ROOF

S1.10 1/4" = 1'-0"



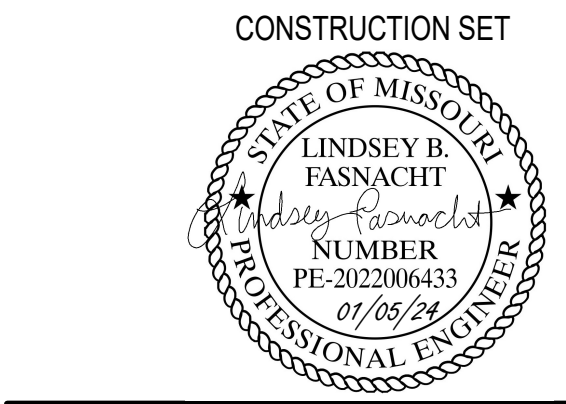
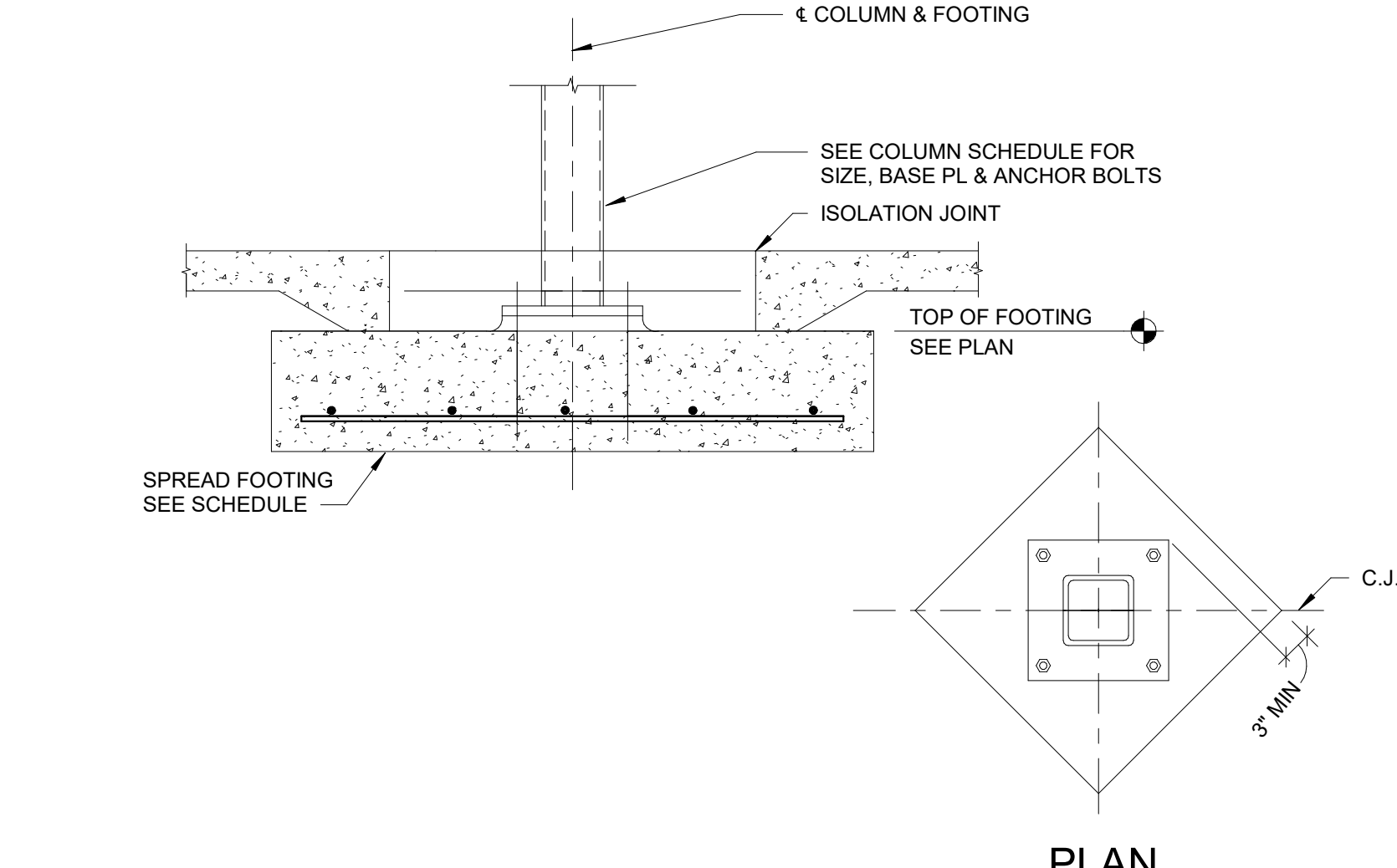
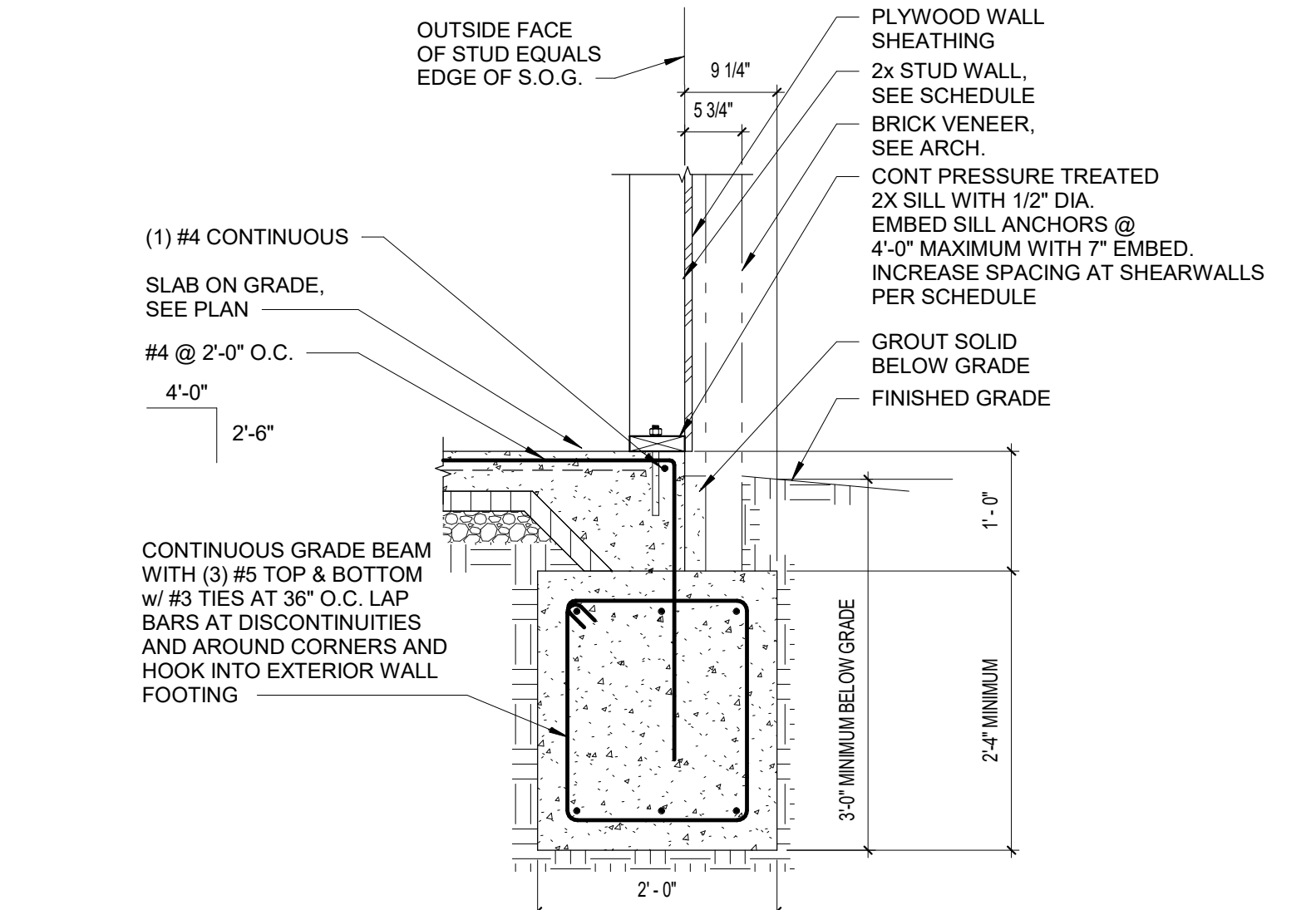
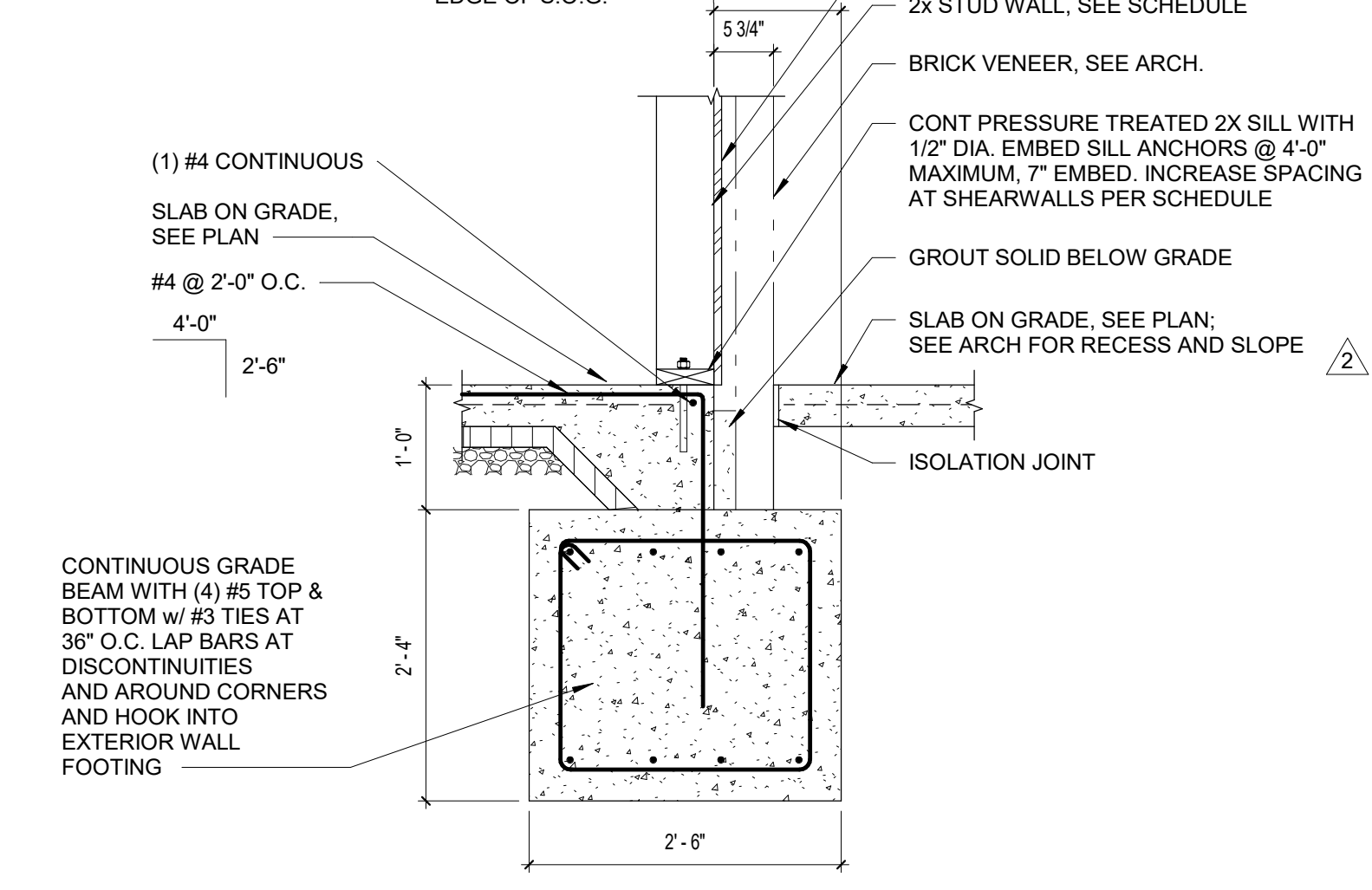
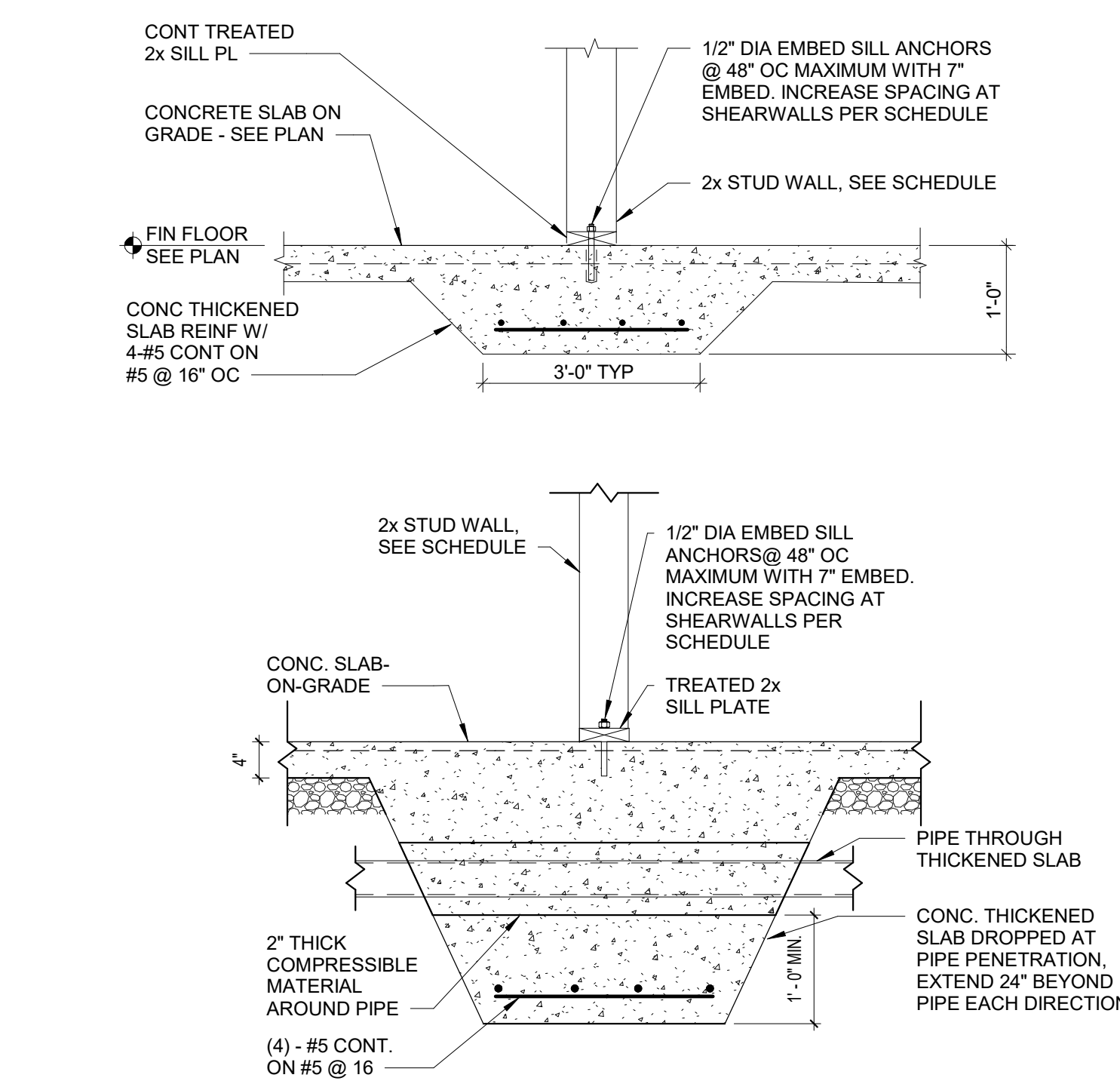
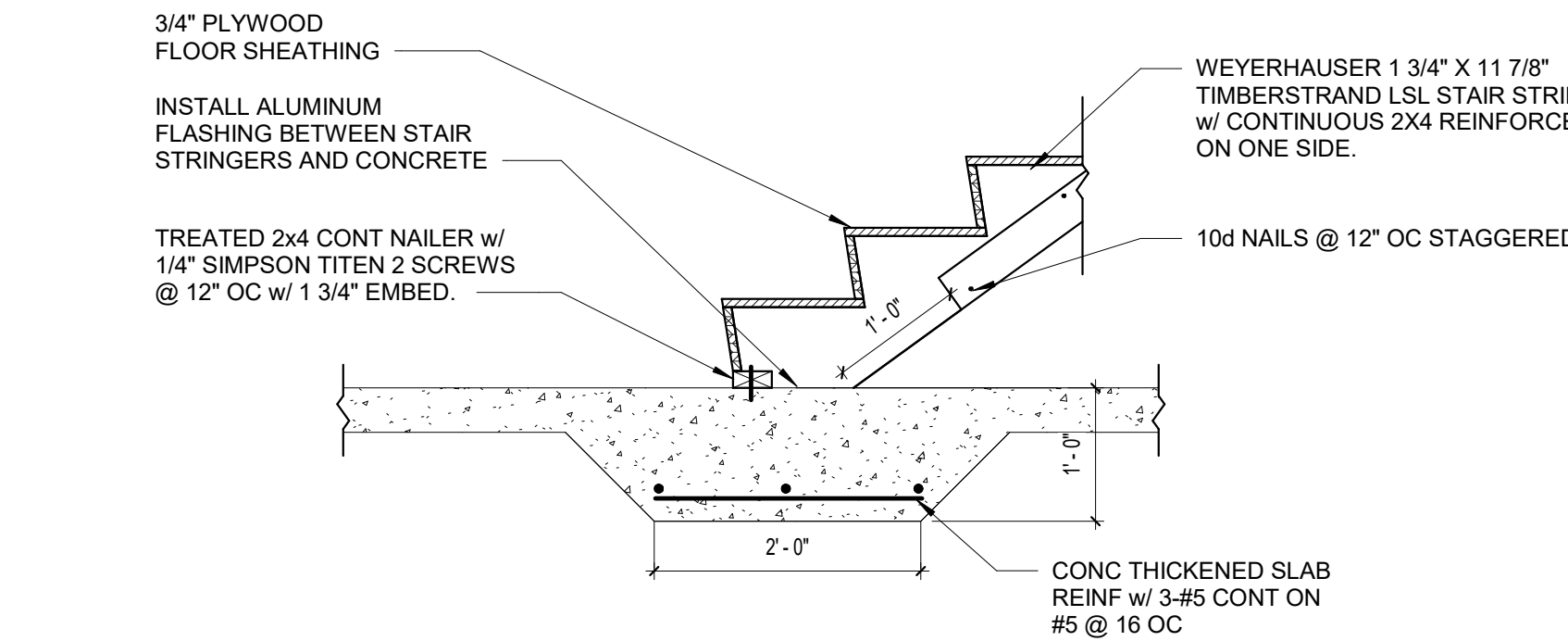
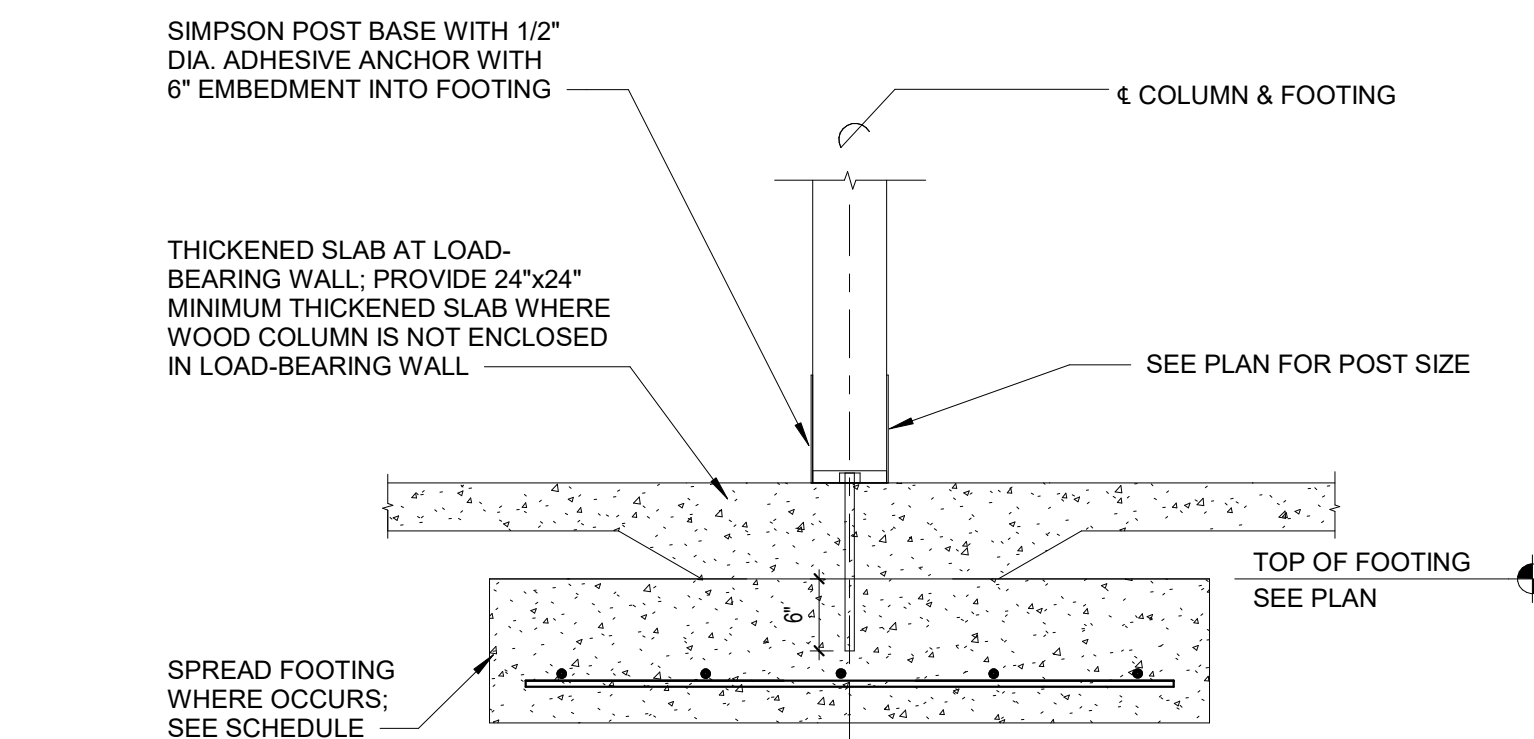
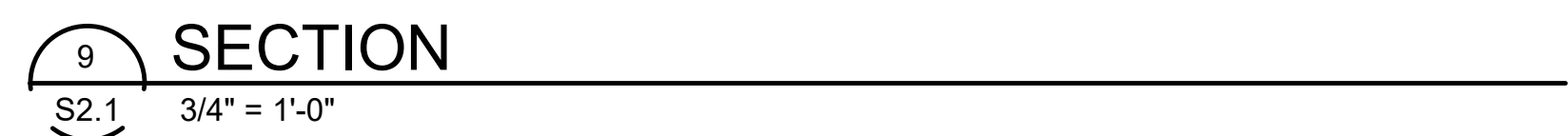
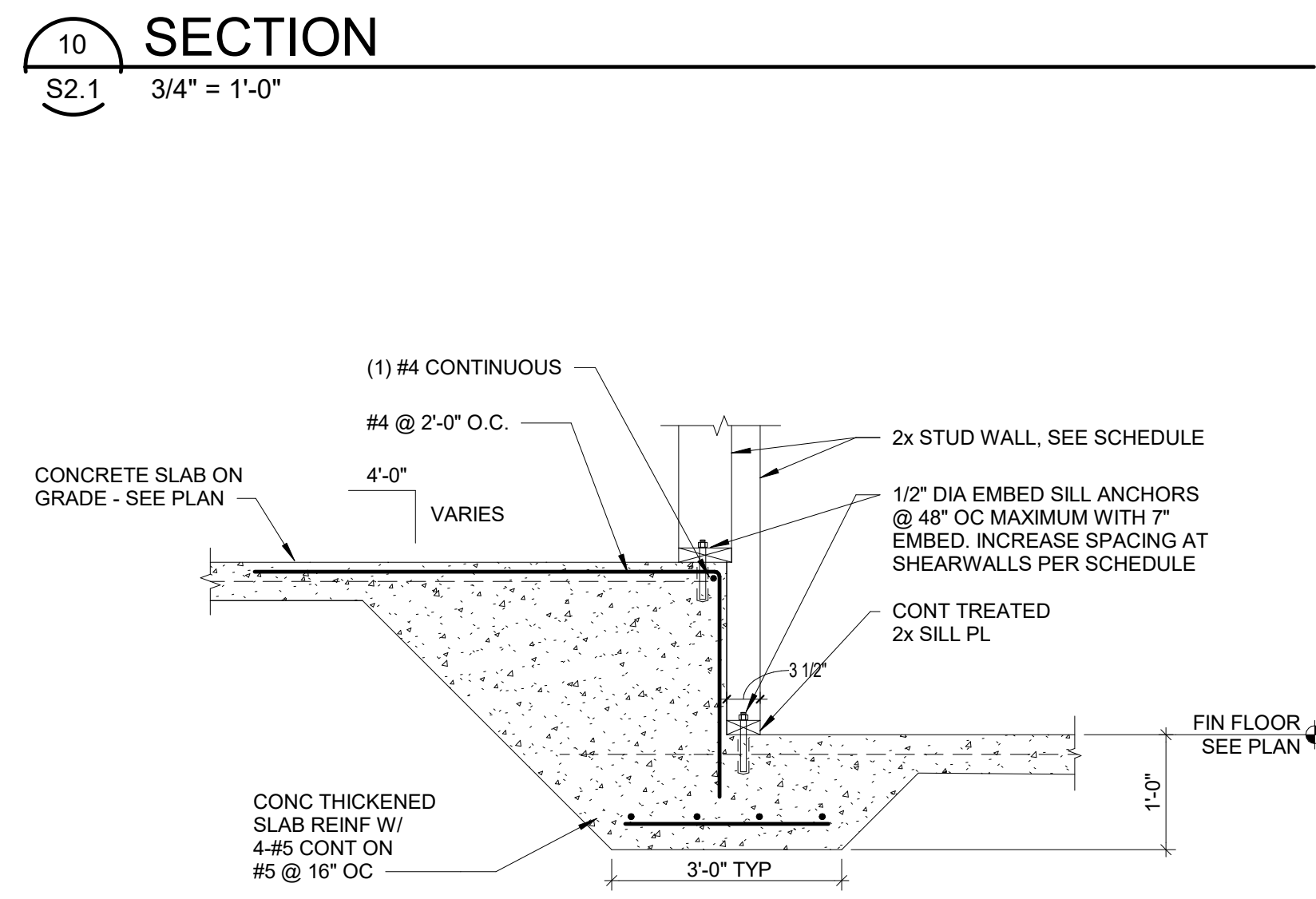
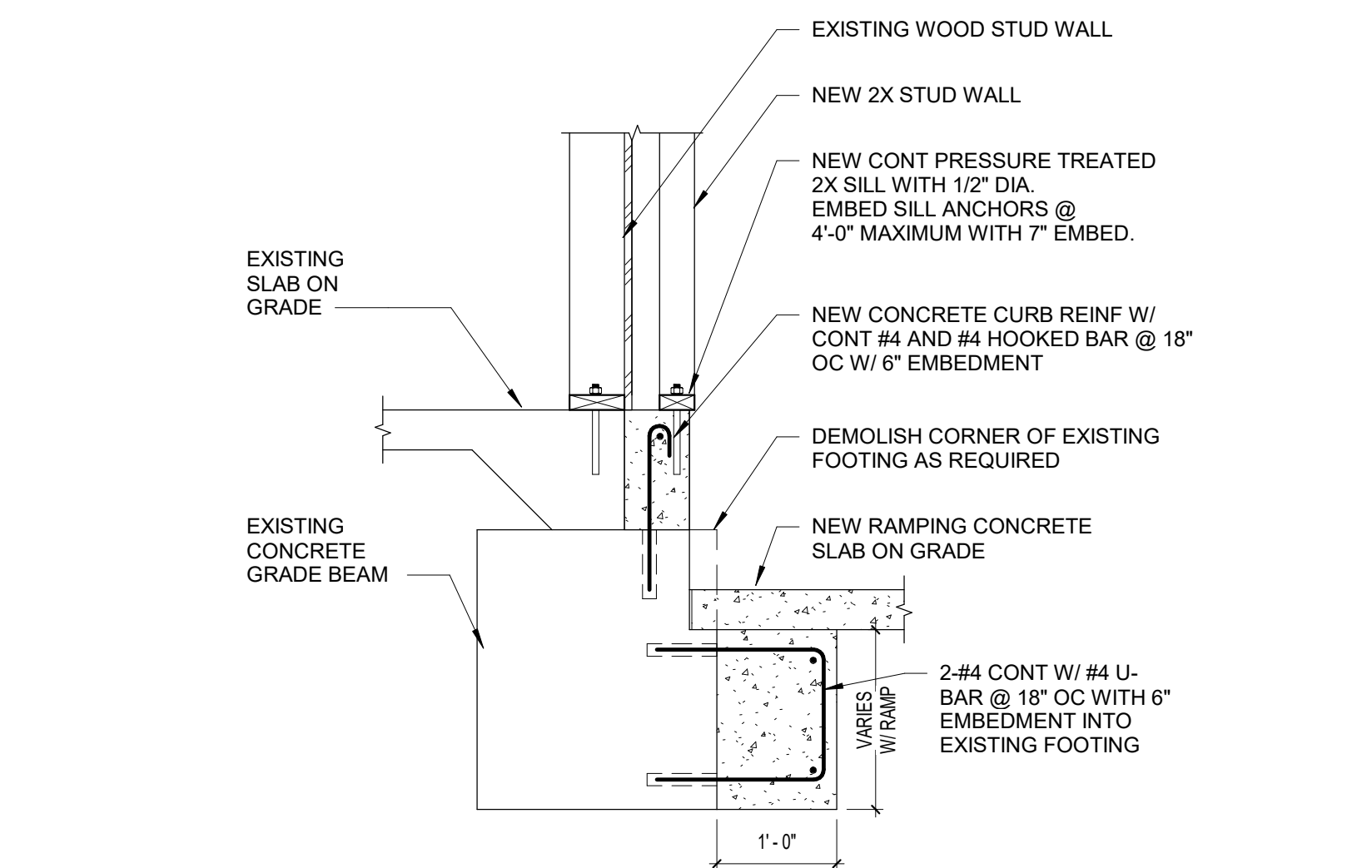
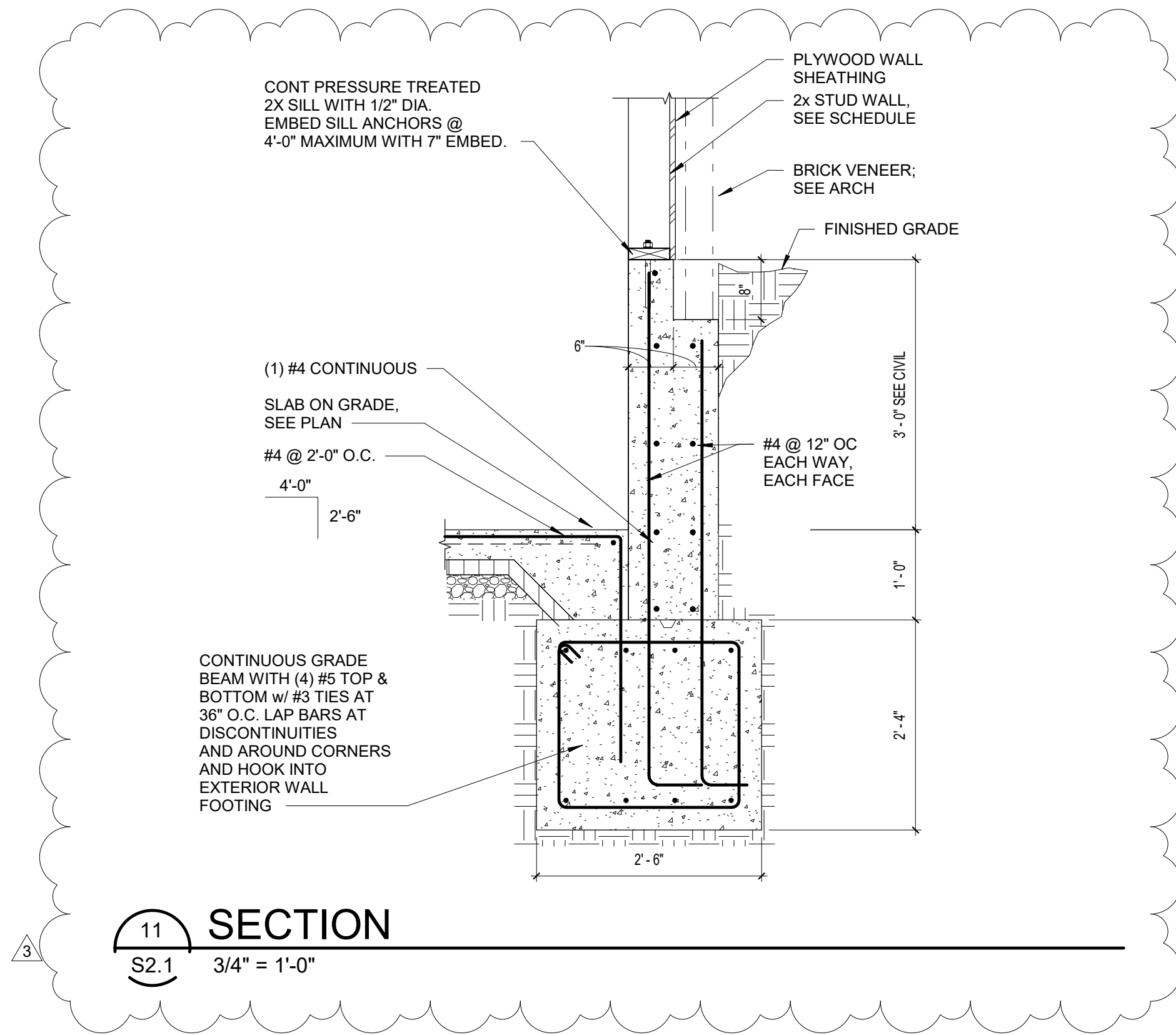
CLERESTORY ROOF FRAMING

S1.10 1/4" = 1'-0"



ROOF FRAMING PLAN - ATRIUM

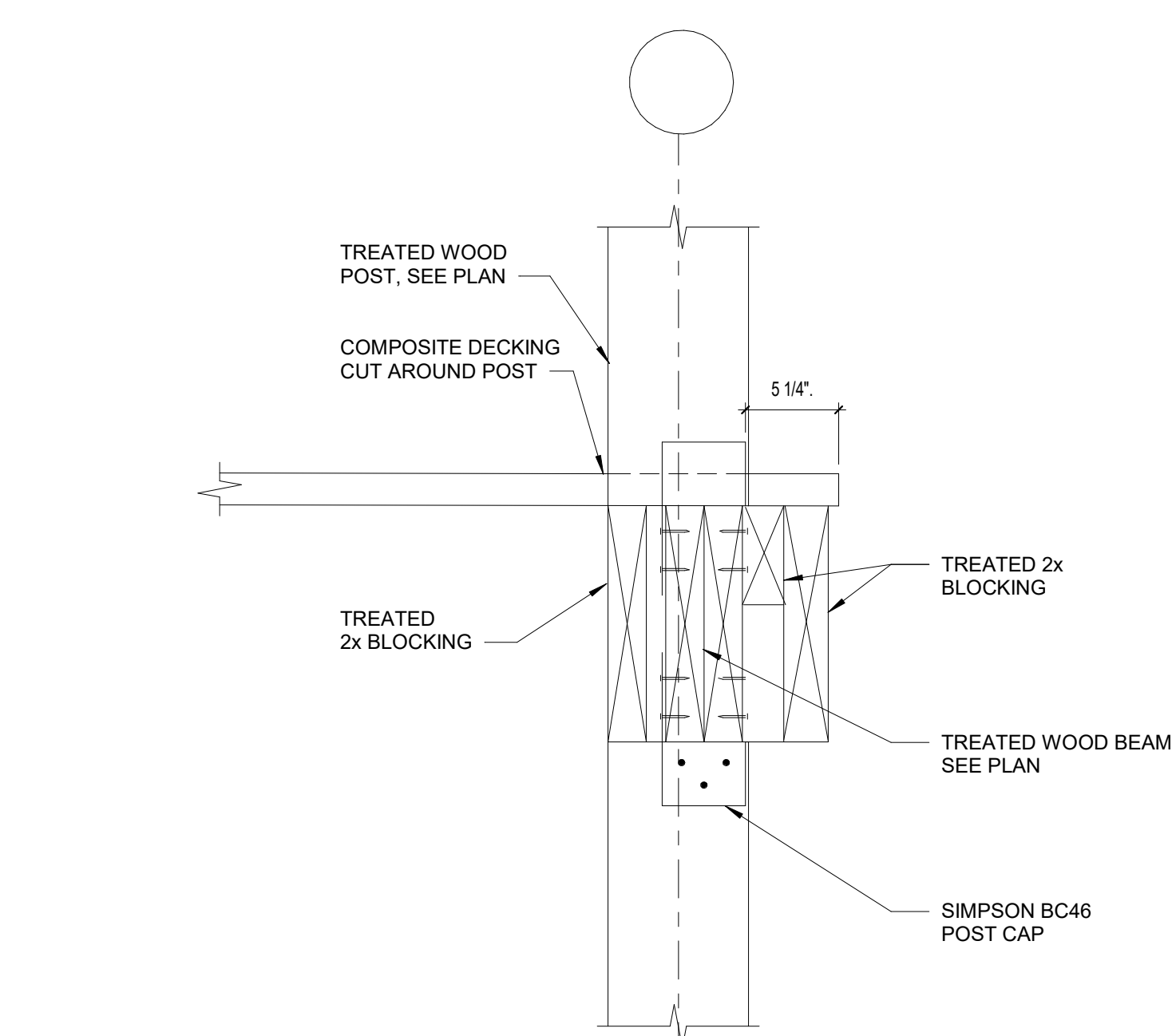
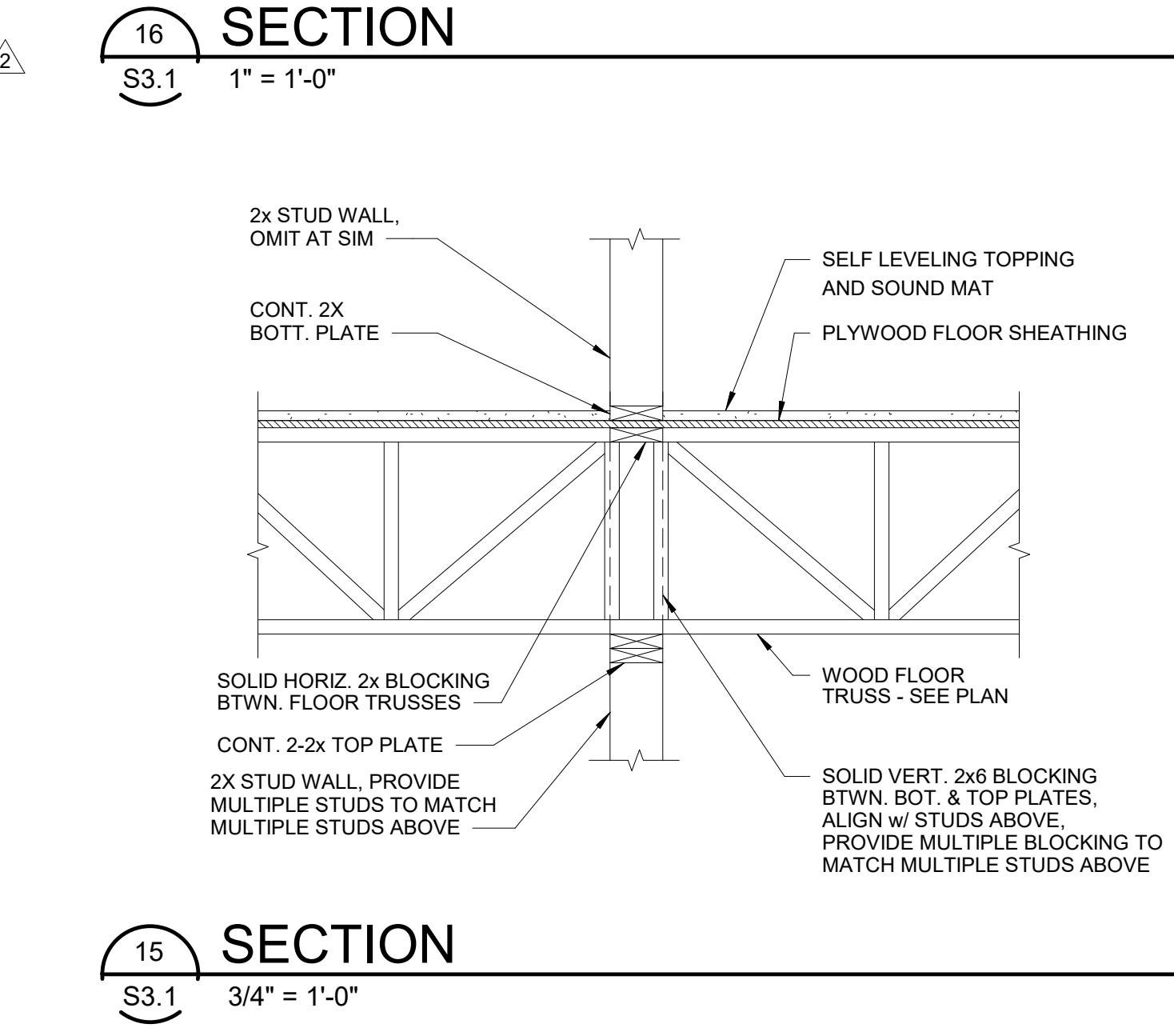
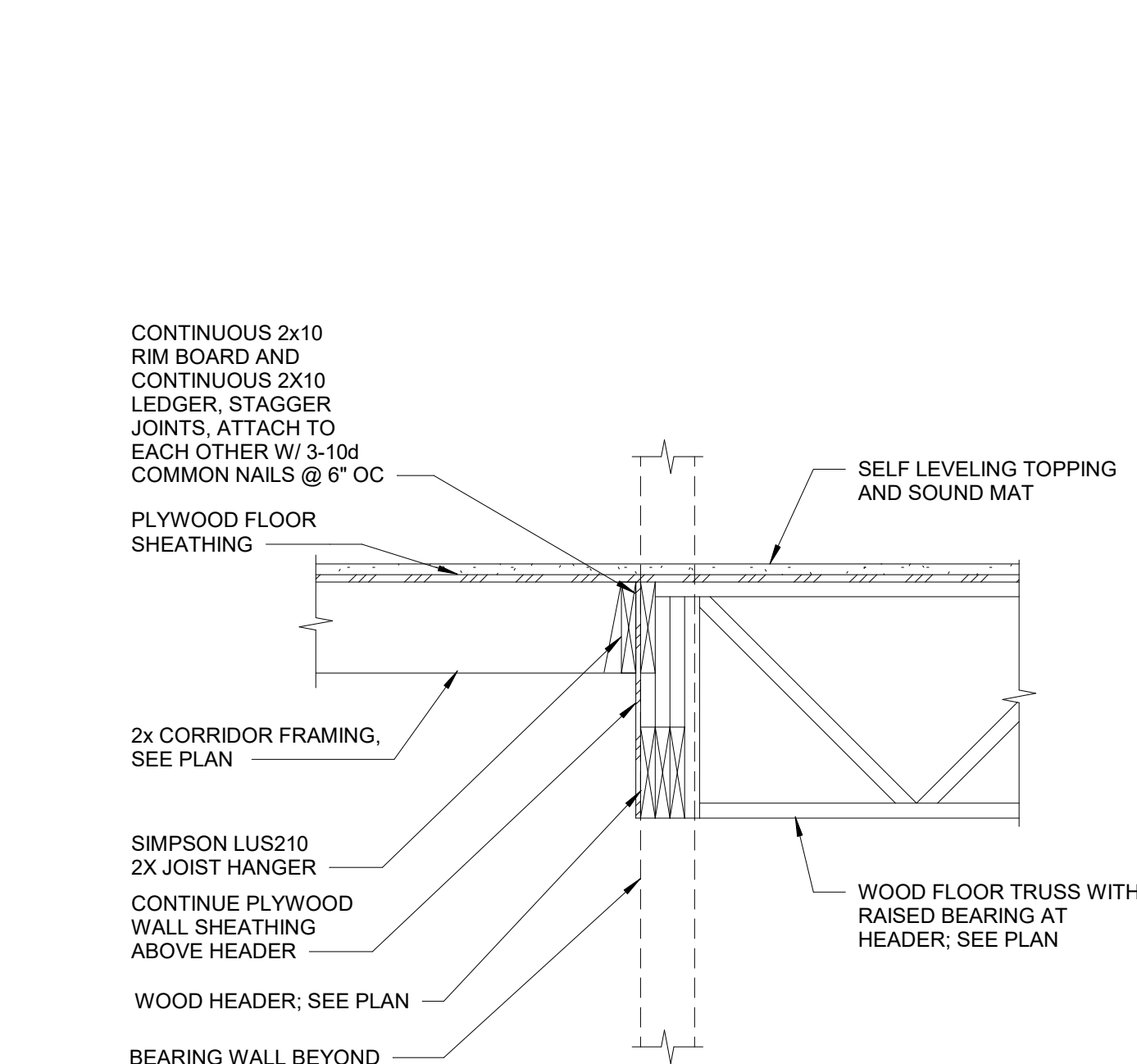
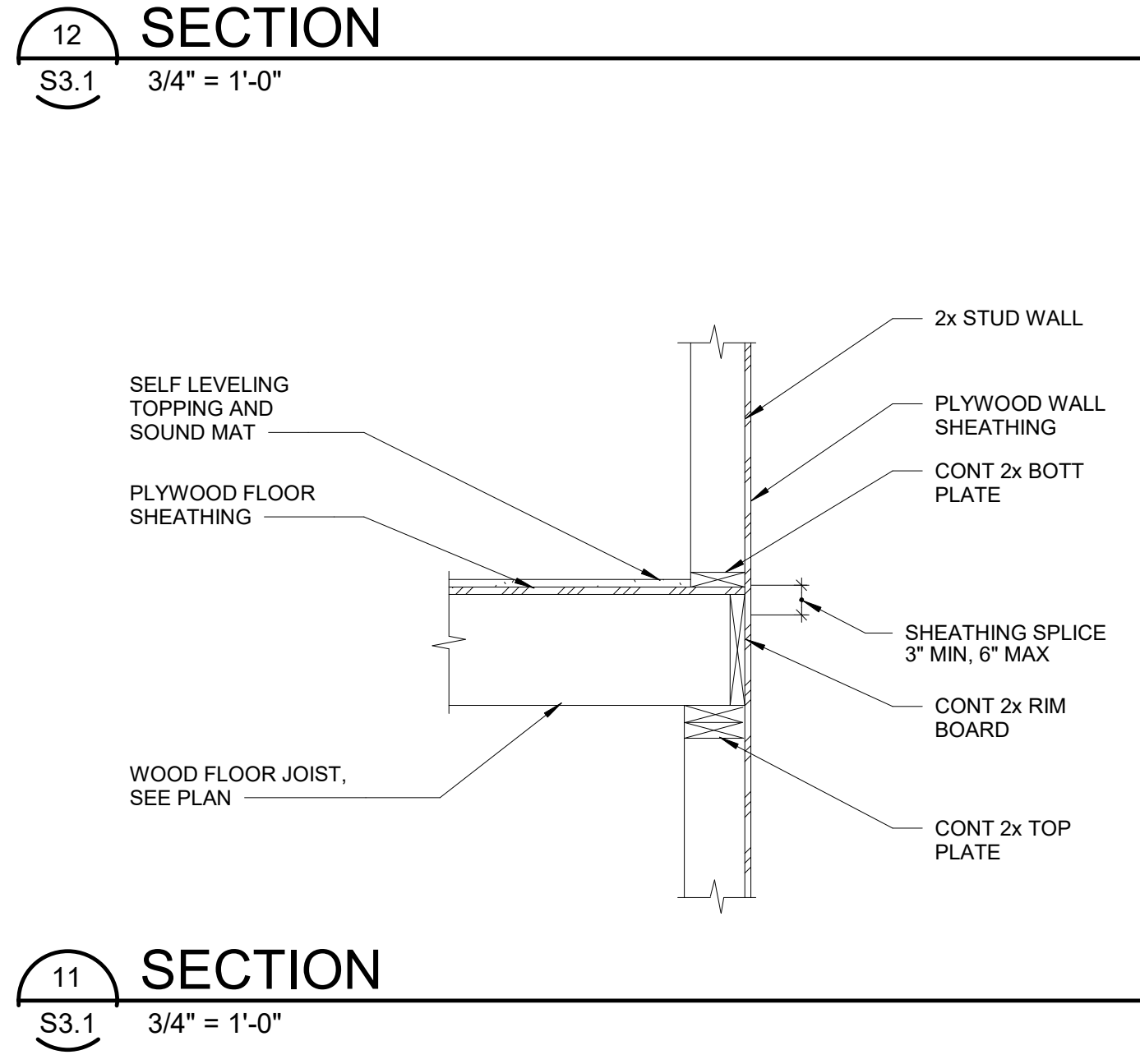
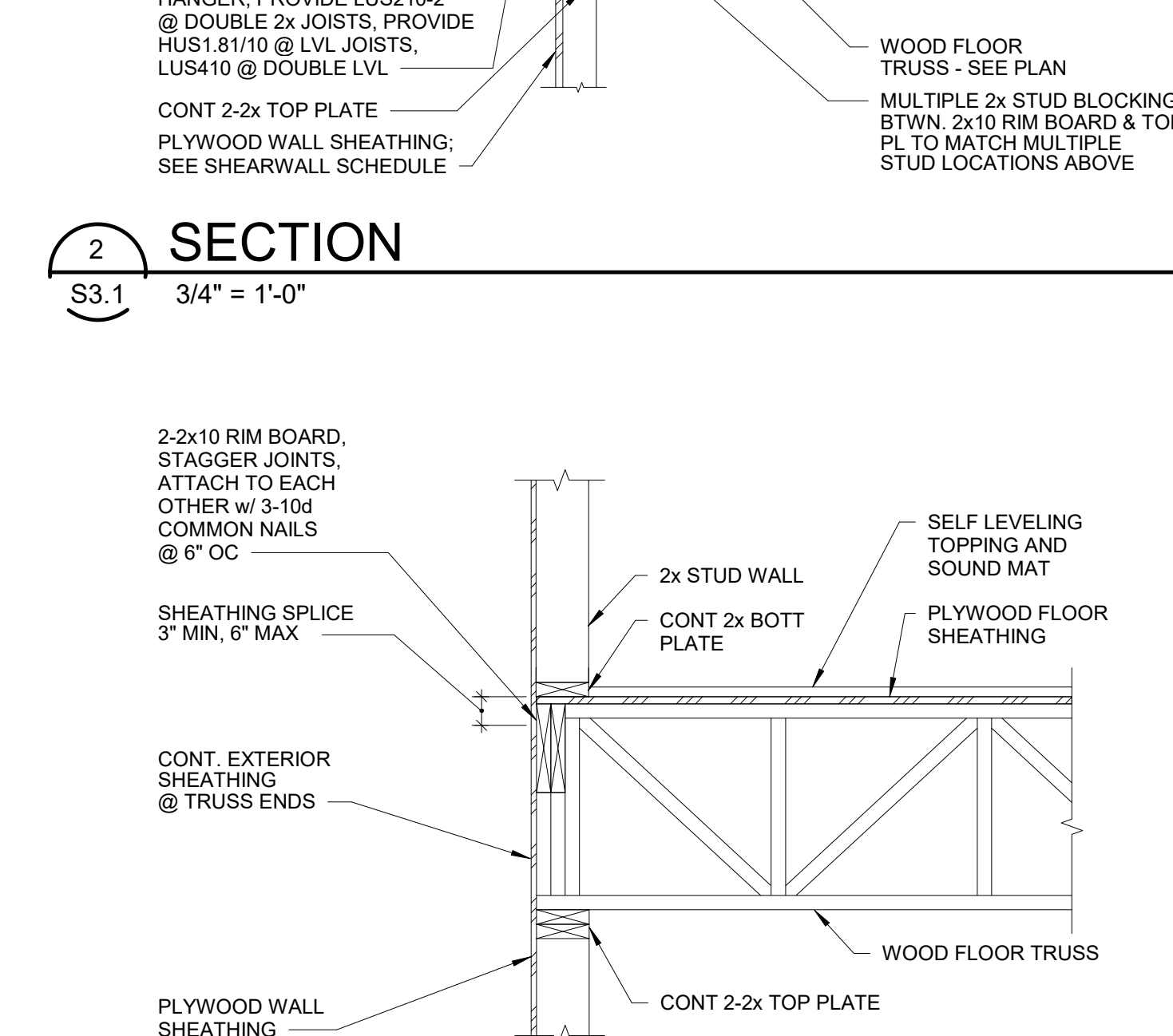
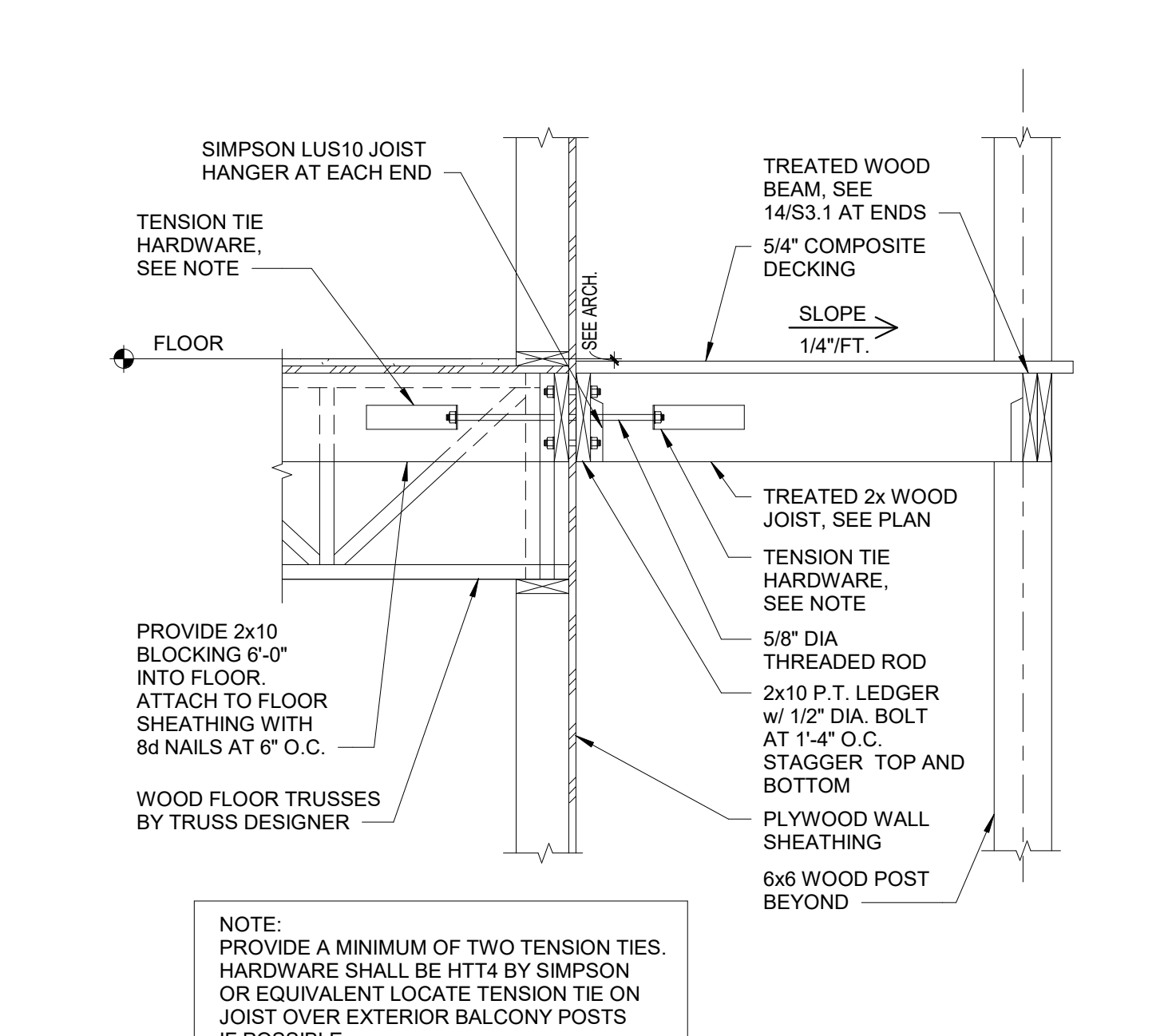
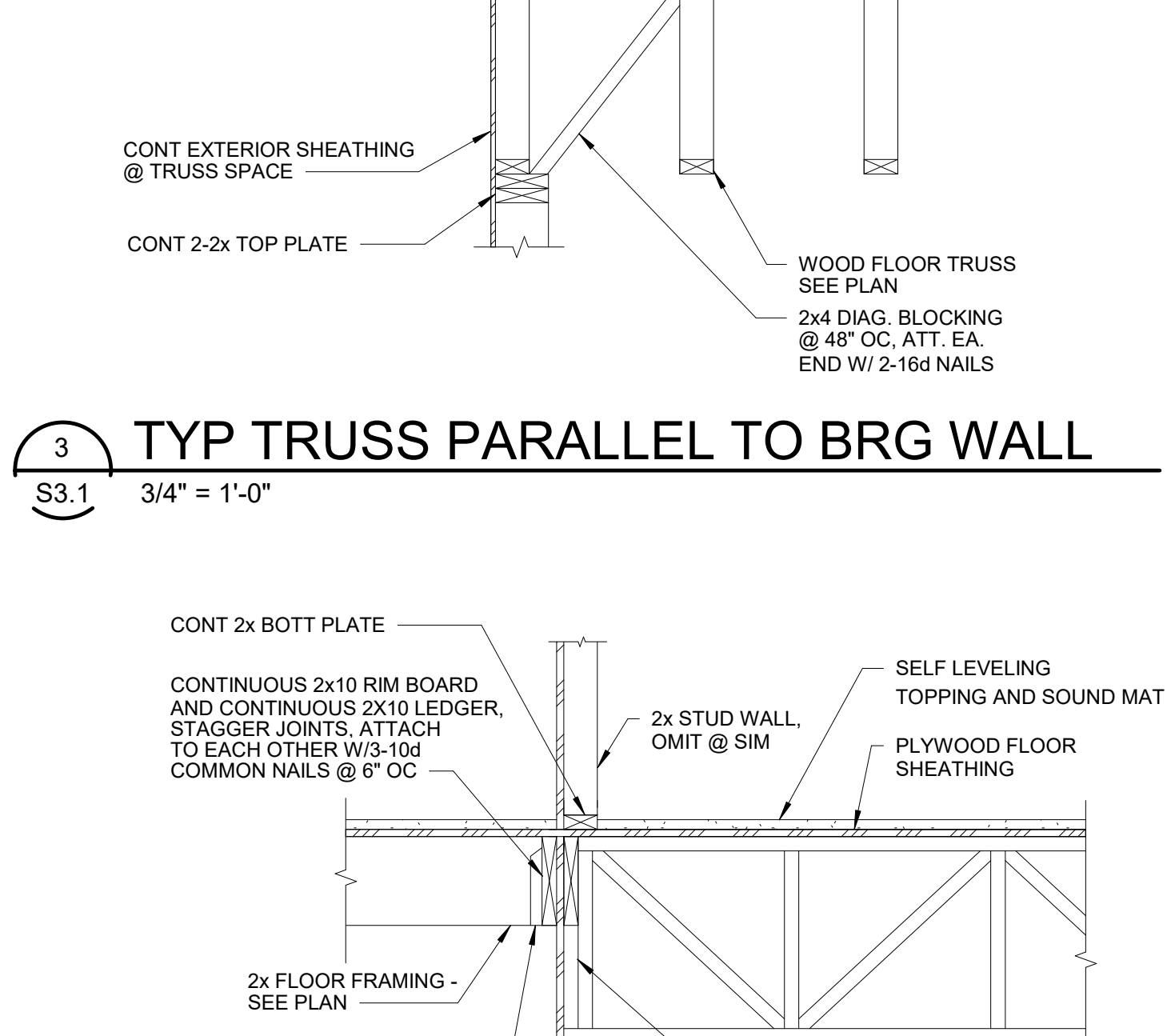
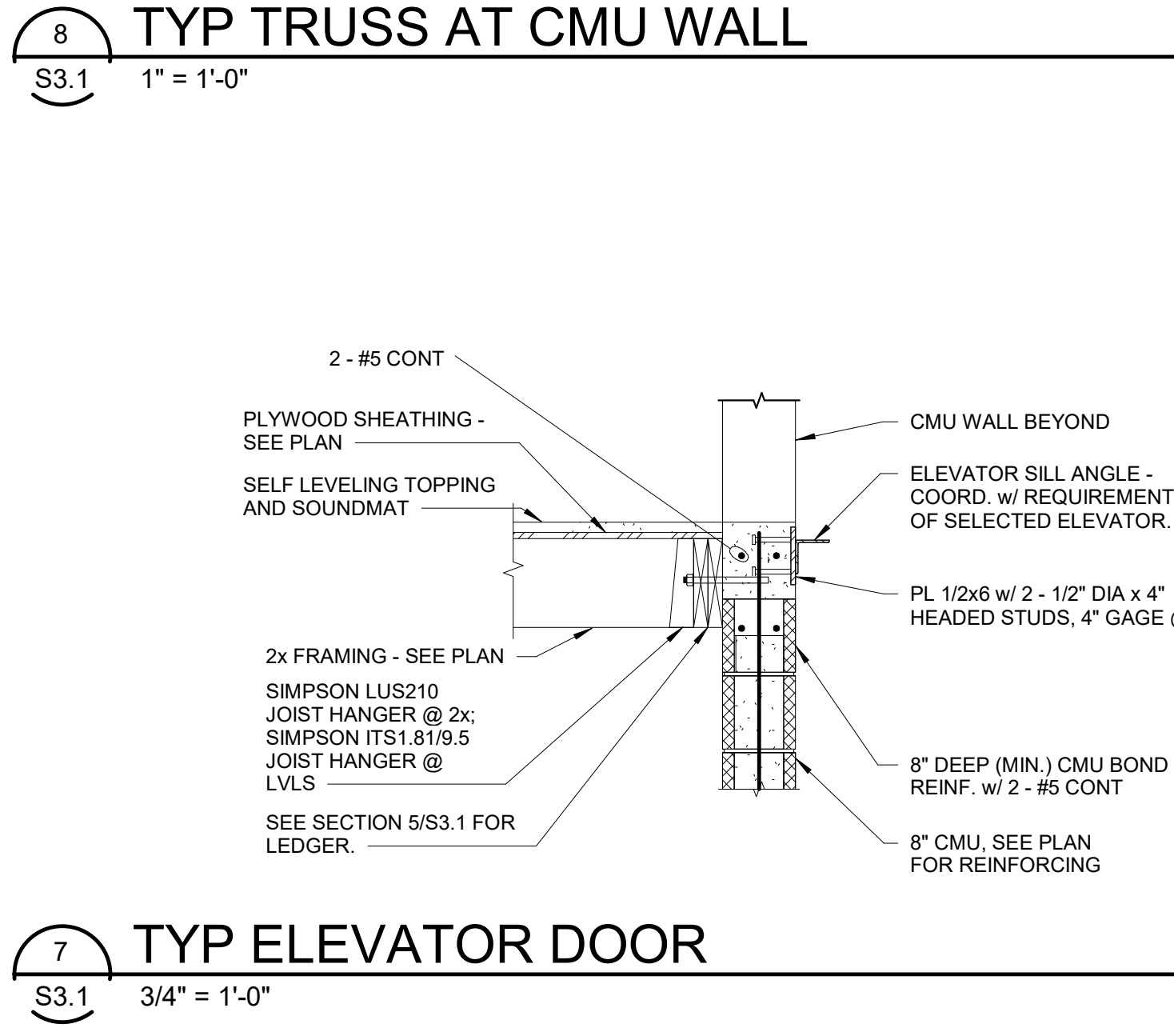
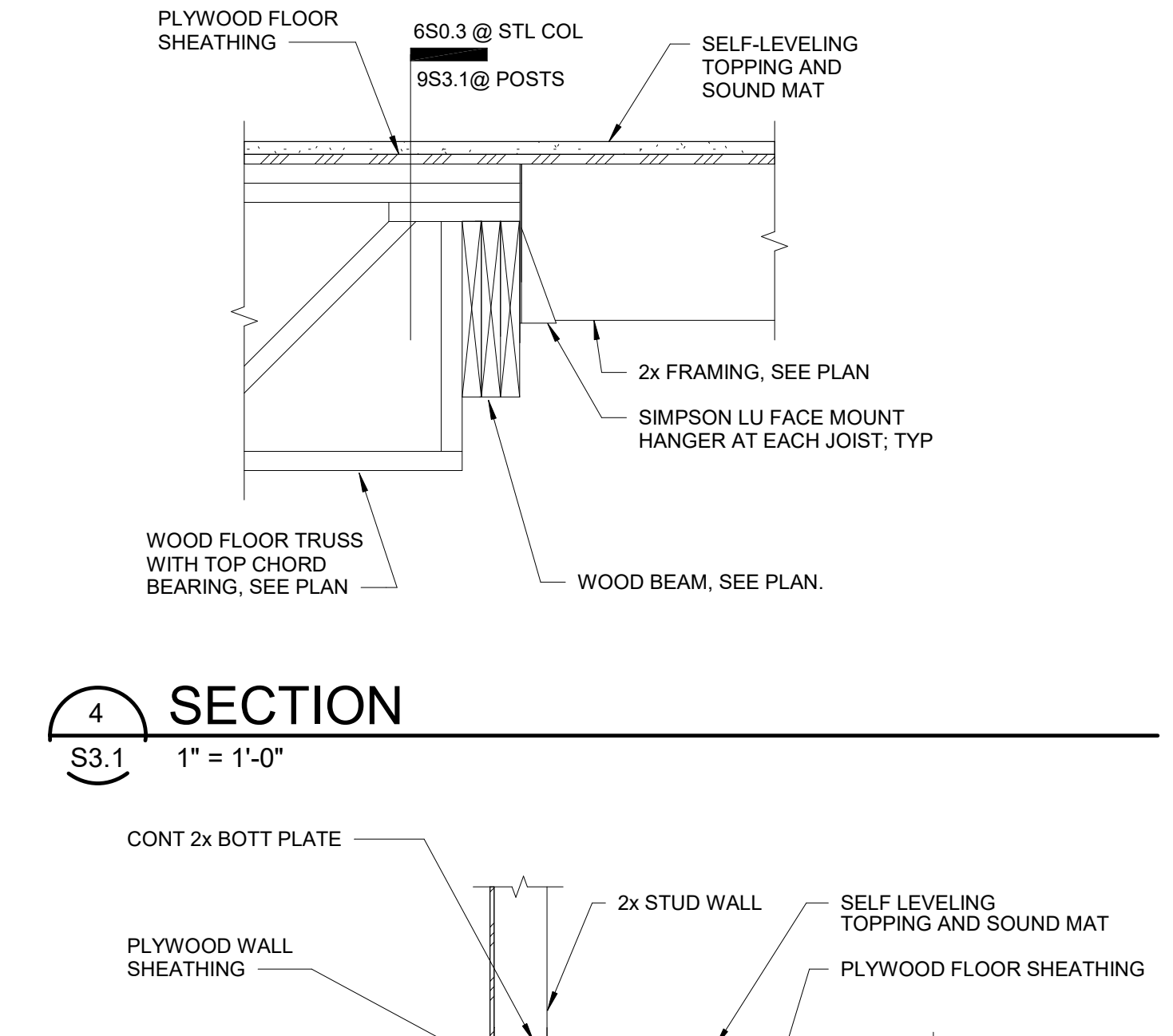
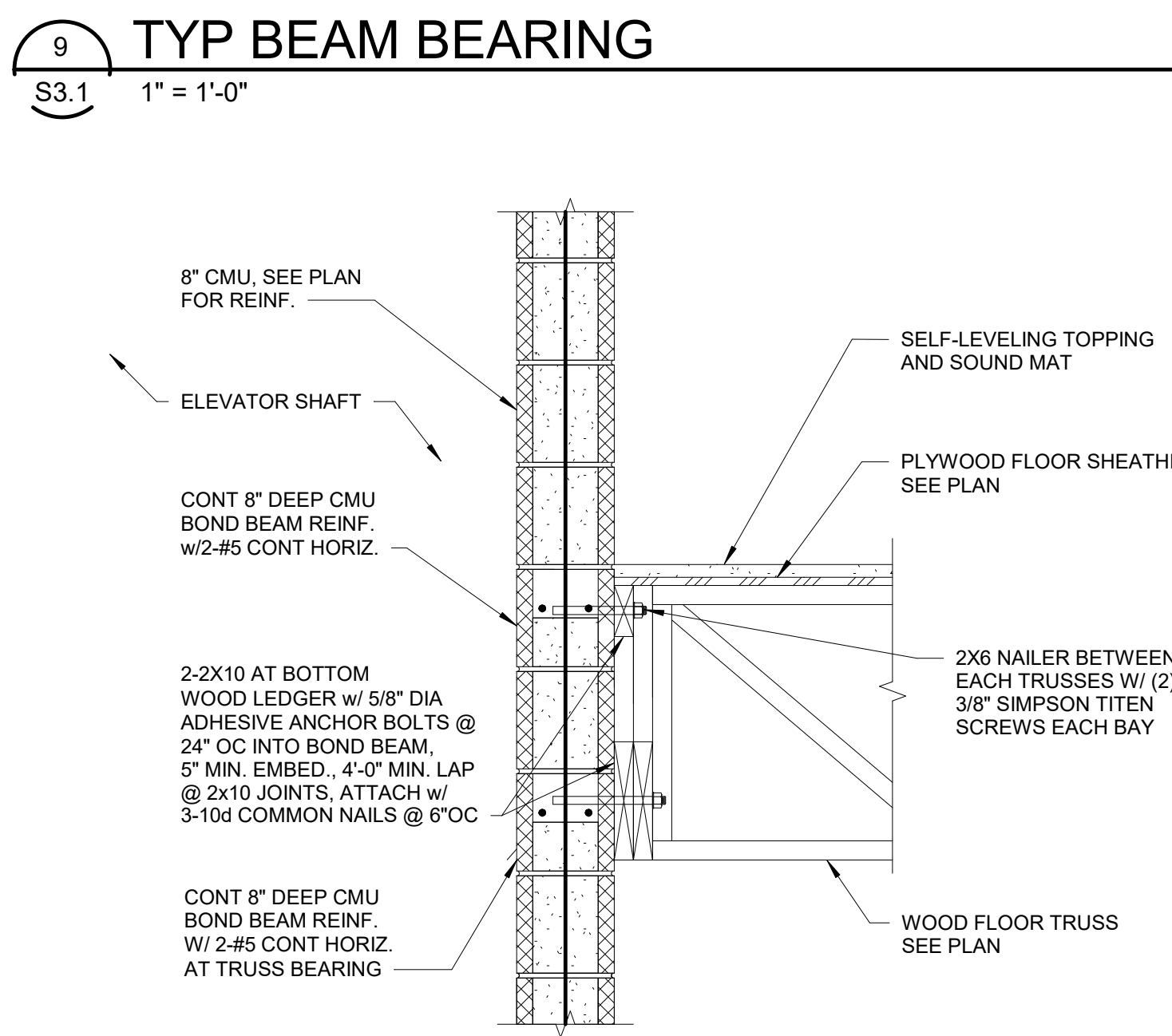
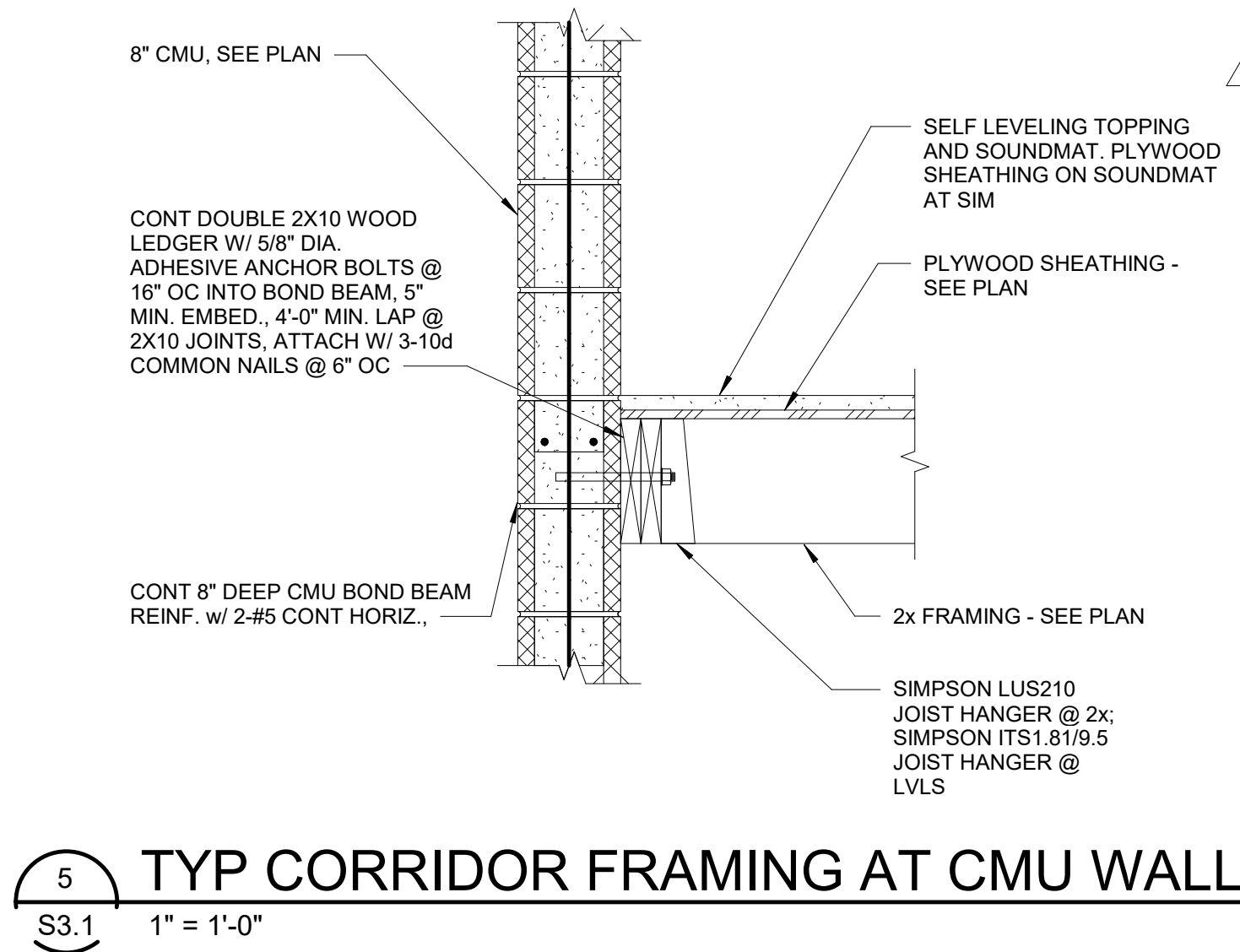
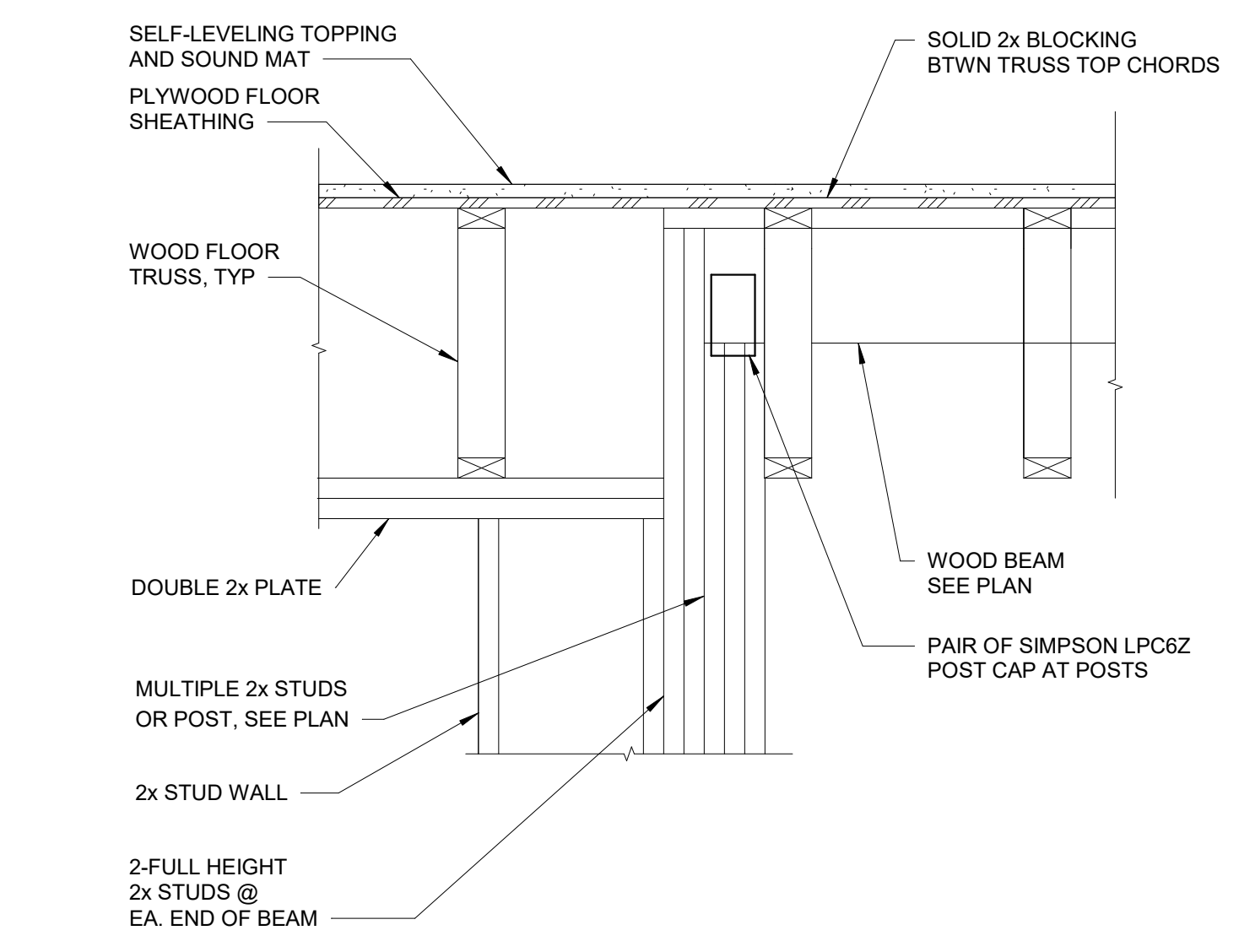
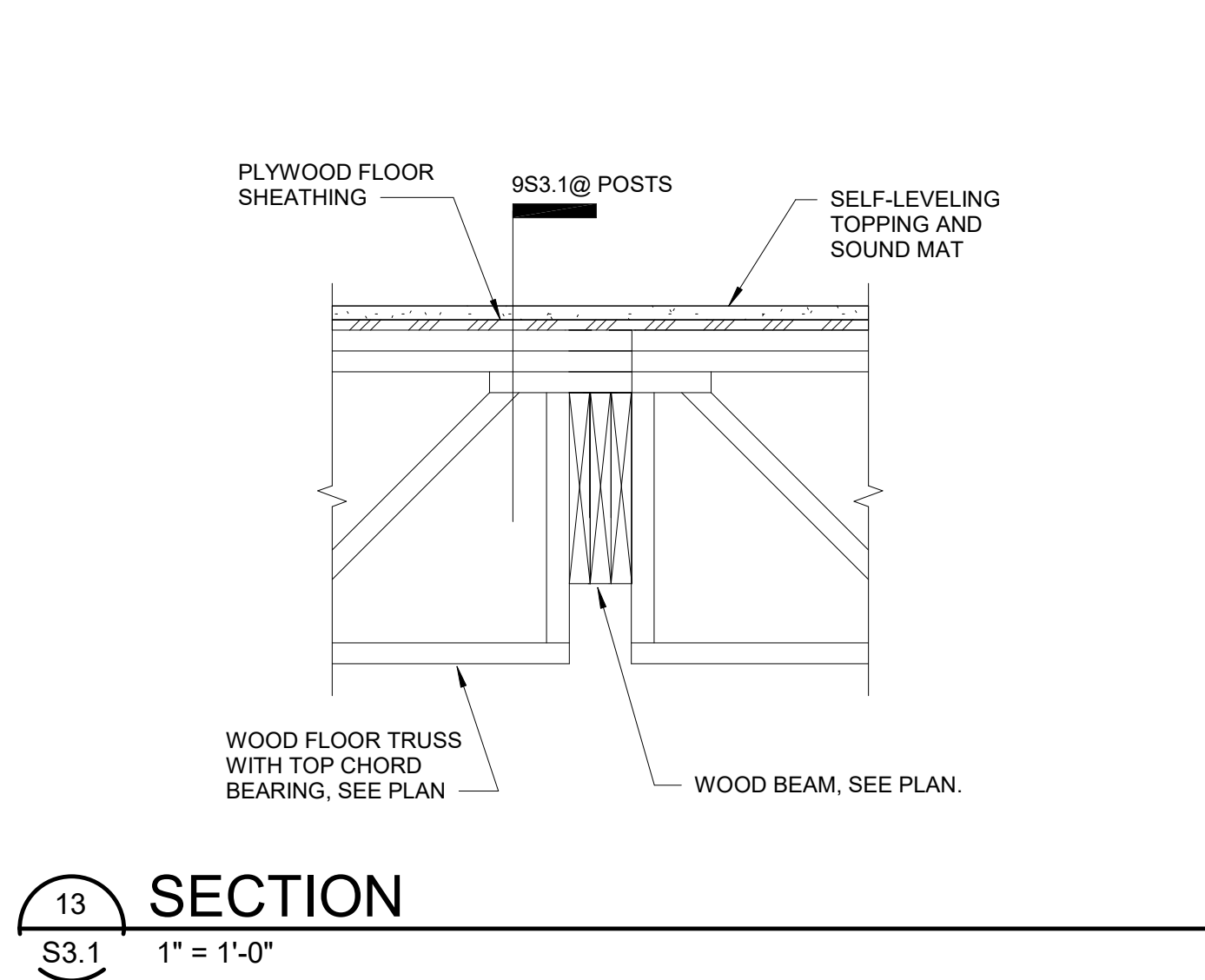
S1.10 1/4" = 1'-0"



DESIGNER : DAS	DRAWN : BSW
ARCHITECT : DAS	CHECKED : BDT
ENGINEER : LBF	APPROVED : Approver
NO.	REVISION DESCRIPTION DATE
2	REV 1- PERMIT COMMENTS 2/15/24
3	ADDENDUM 1 03/07/24

FOUNDATION SECTIONS
AND DETAILS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	S2.1



CONSTRUCTION SET

LINDSEY B. FASNACHT
Professional Engineer
01/08/12
PE-202006433

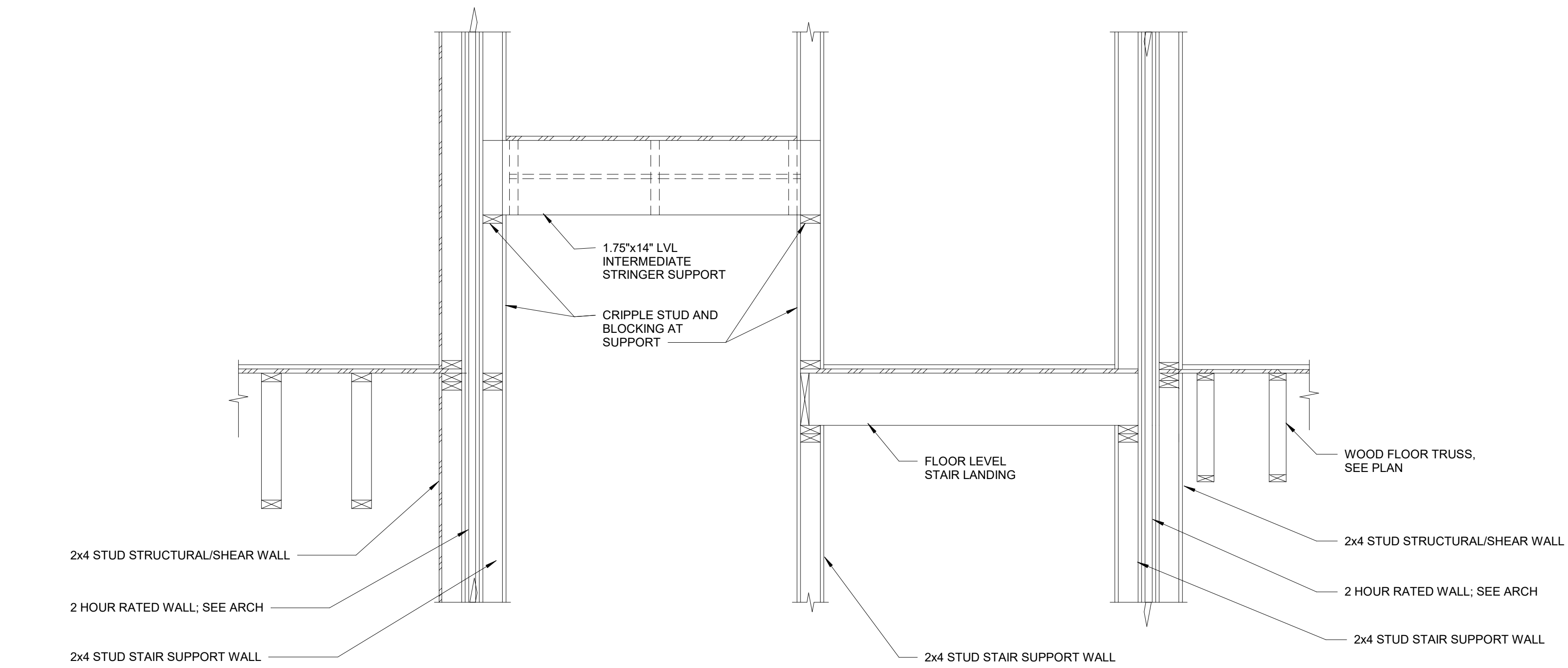
PROJECT TITLE

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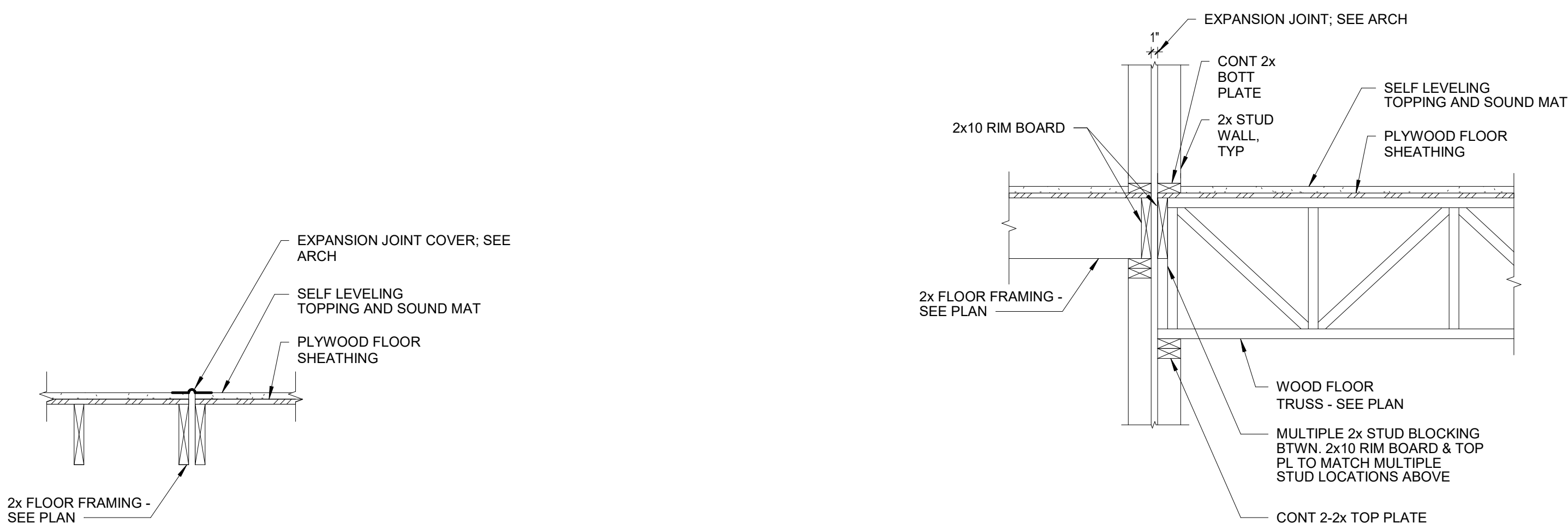
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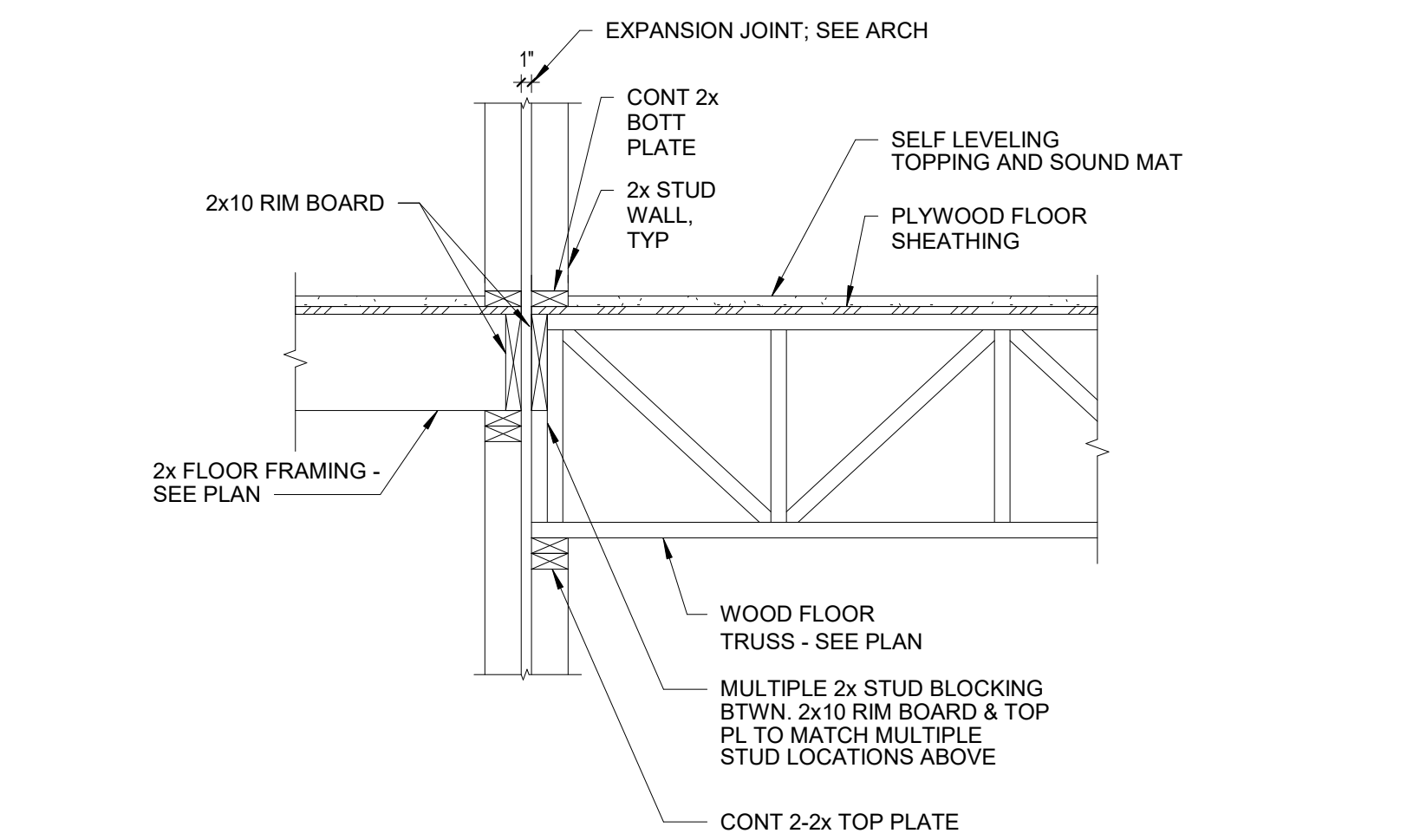
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ARCHITECT : DAS	CHECKED : BDT
ENGINEER : LBF	APPROVED : Approver
NO. 2	REVISION DESCRIPTION DATE
REV 1-PERMIT COMMENTS	2/15/24
DRAWING TITLE	FRAMING SECTIONS AND DETAILS
DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	S3.1



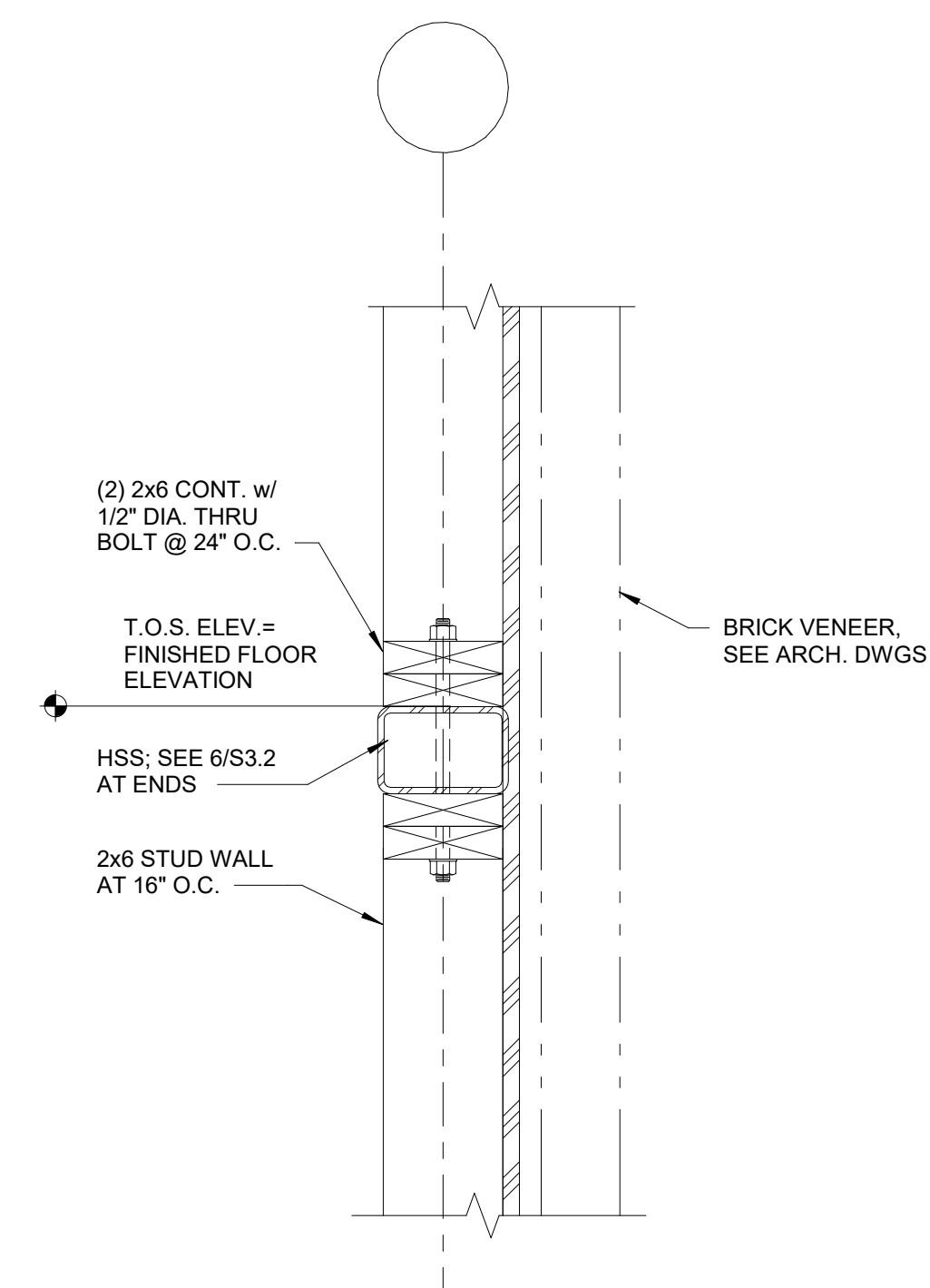
4 SECTION AT STAIRS
S3.2 3/4" = 1'-0"



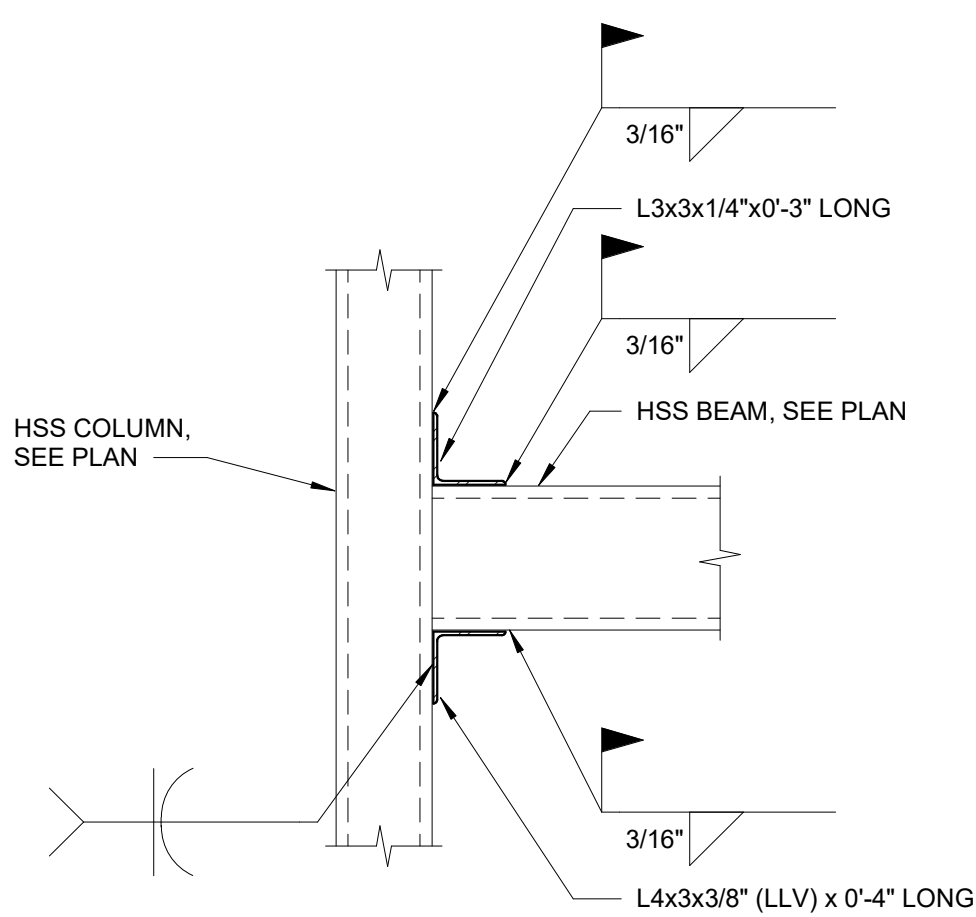
7 TYP FLOOR EXPANSION JOINT
S3.2 3/4" = 1'-0"



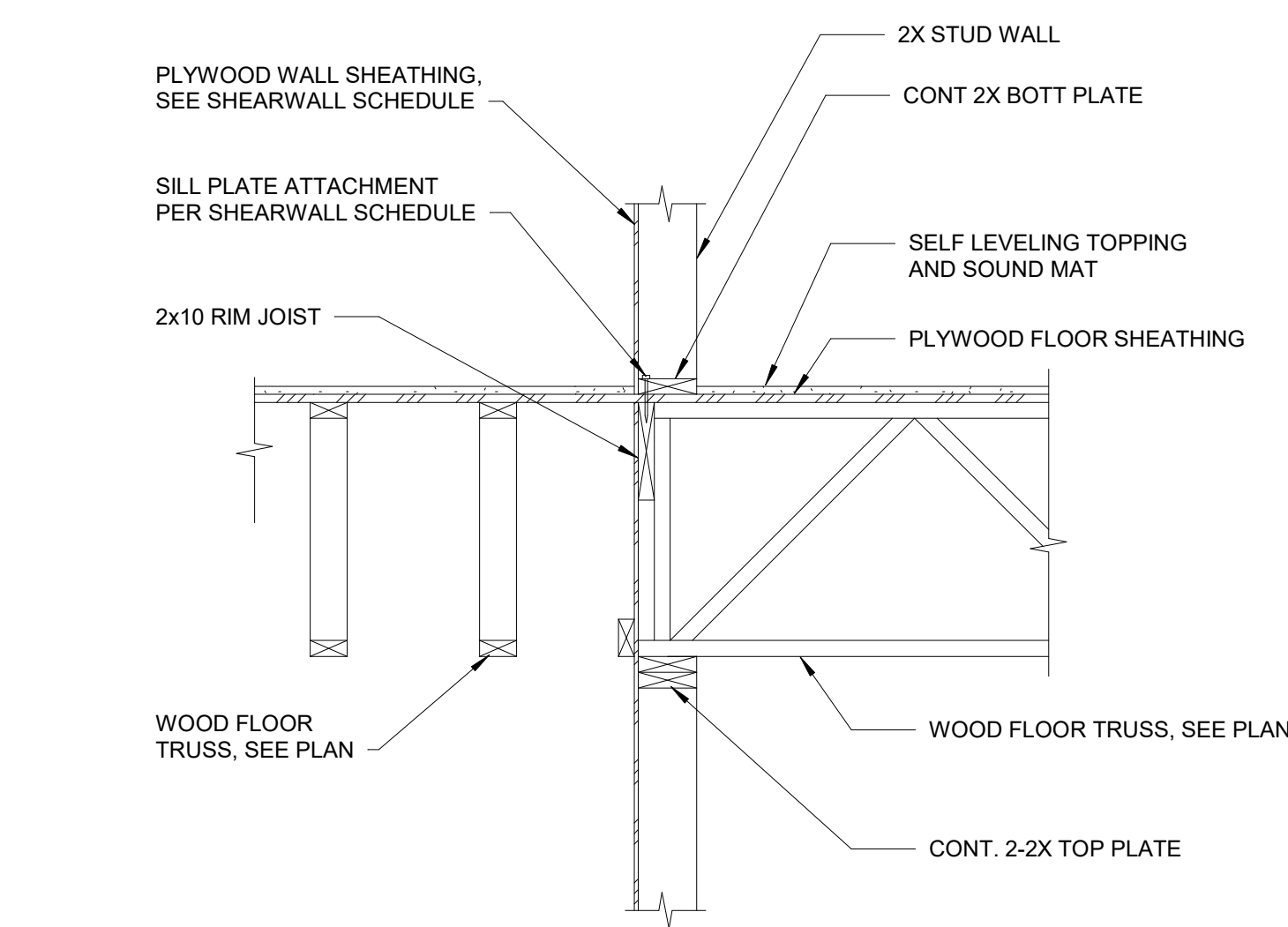
3 TYP EXPANSION JOINT AT CORRIDOR WALL
S3.2 3/4" = 1'-0"



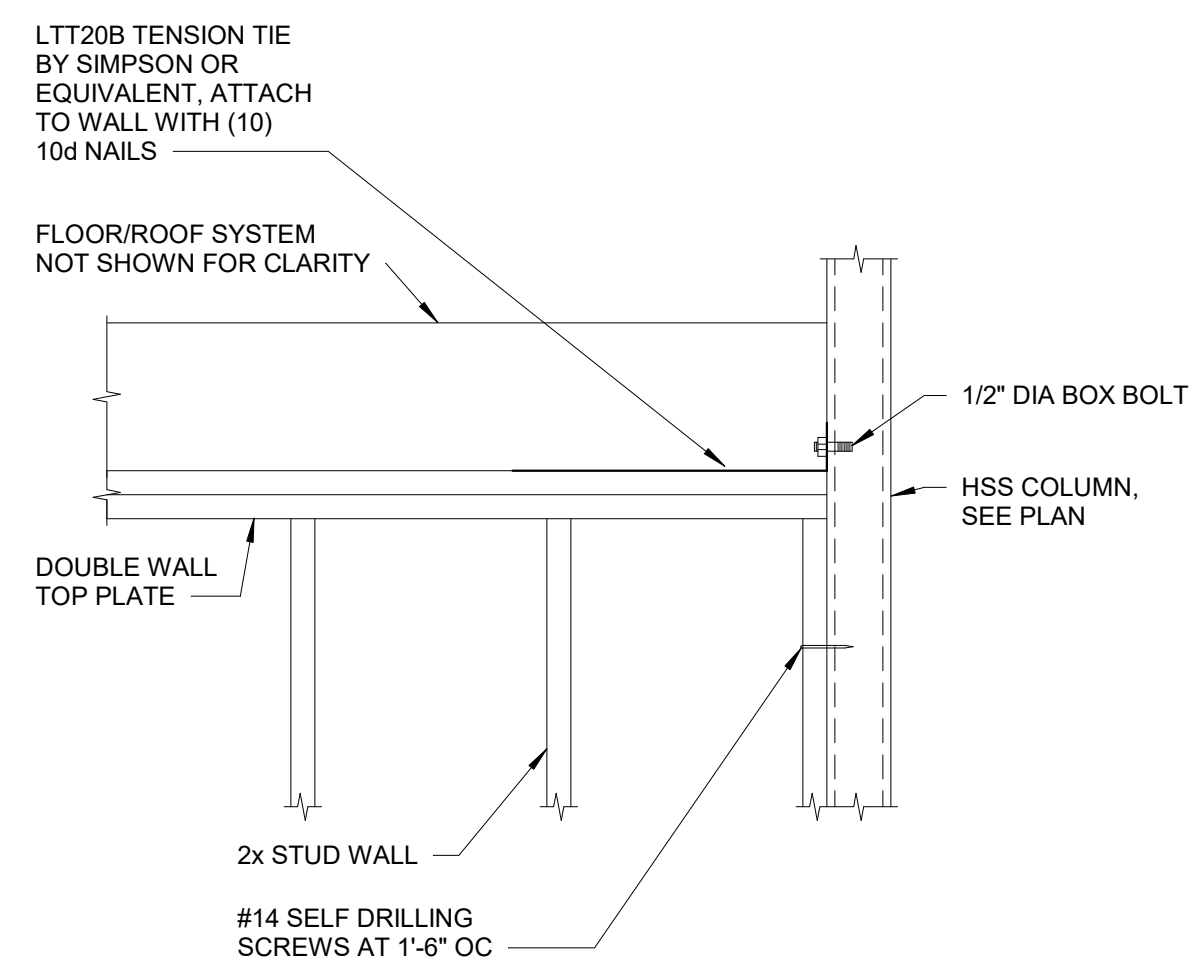
9 WIND GIRT IN STAIR WALL
S3.2 1 1/2" = 1'-0"



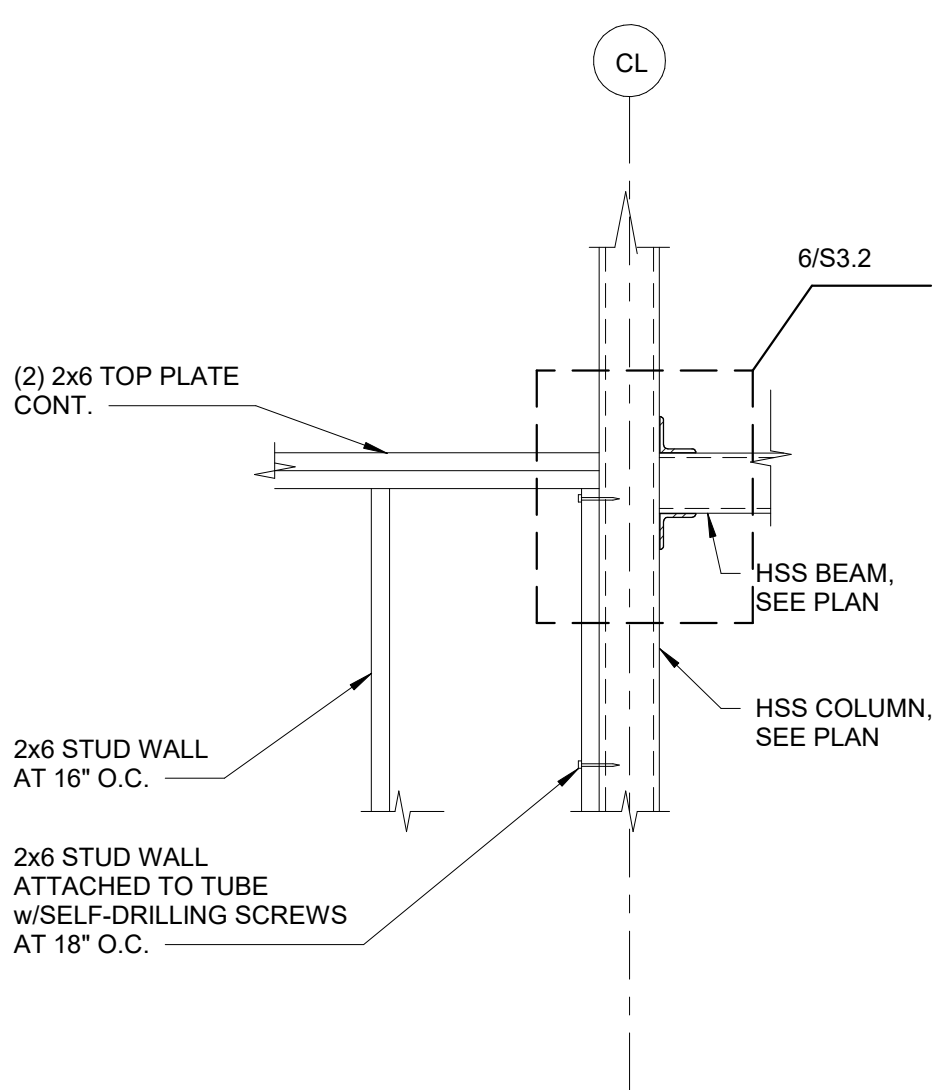
6 SECTION
S3.2 3/4" = 1'-0"



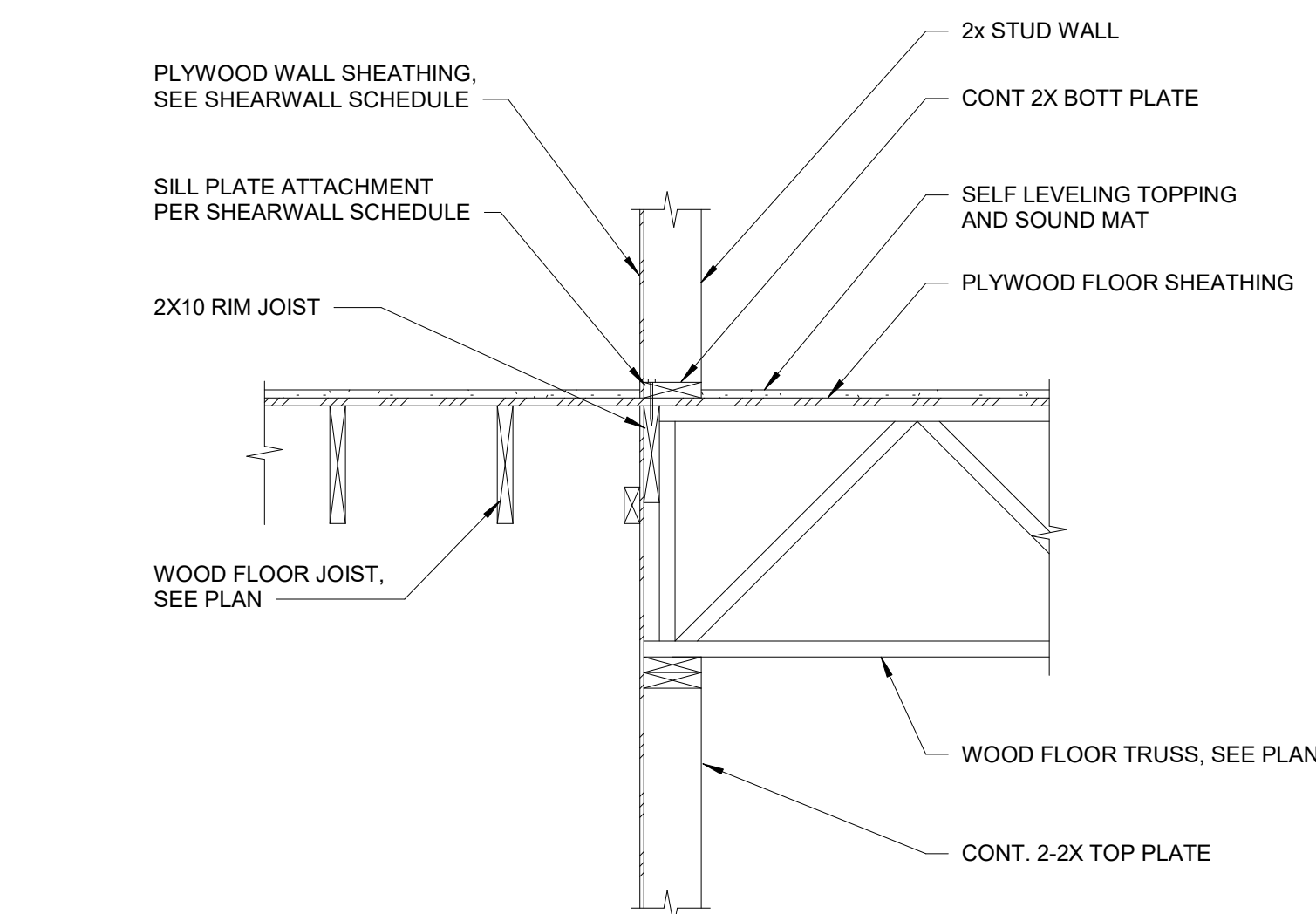
2 SECTION
S3.2 3/4" = 1'-0"



8 SECTION
S3.2 1 1/2" = 1'-0"

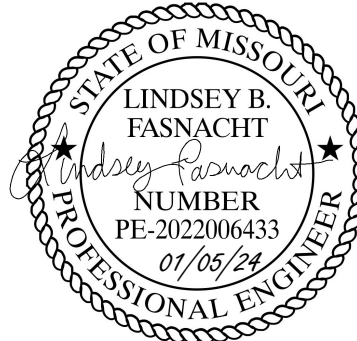


5 SECTION
S3.2 3/4" = 1'-0"



1 SECTION
S3.2 3/4" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



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ARCHITECT : DAS	CHECKED : BDT
ENGINEER : LBF	APPROVED : Approver
NO.	REVISION DESCRIPTION DATE

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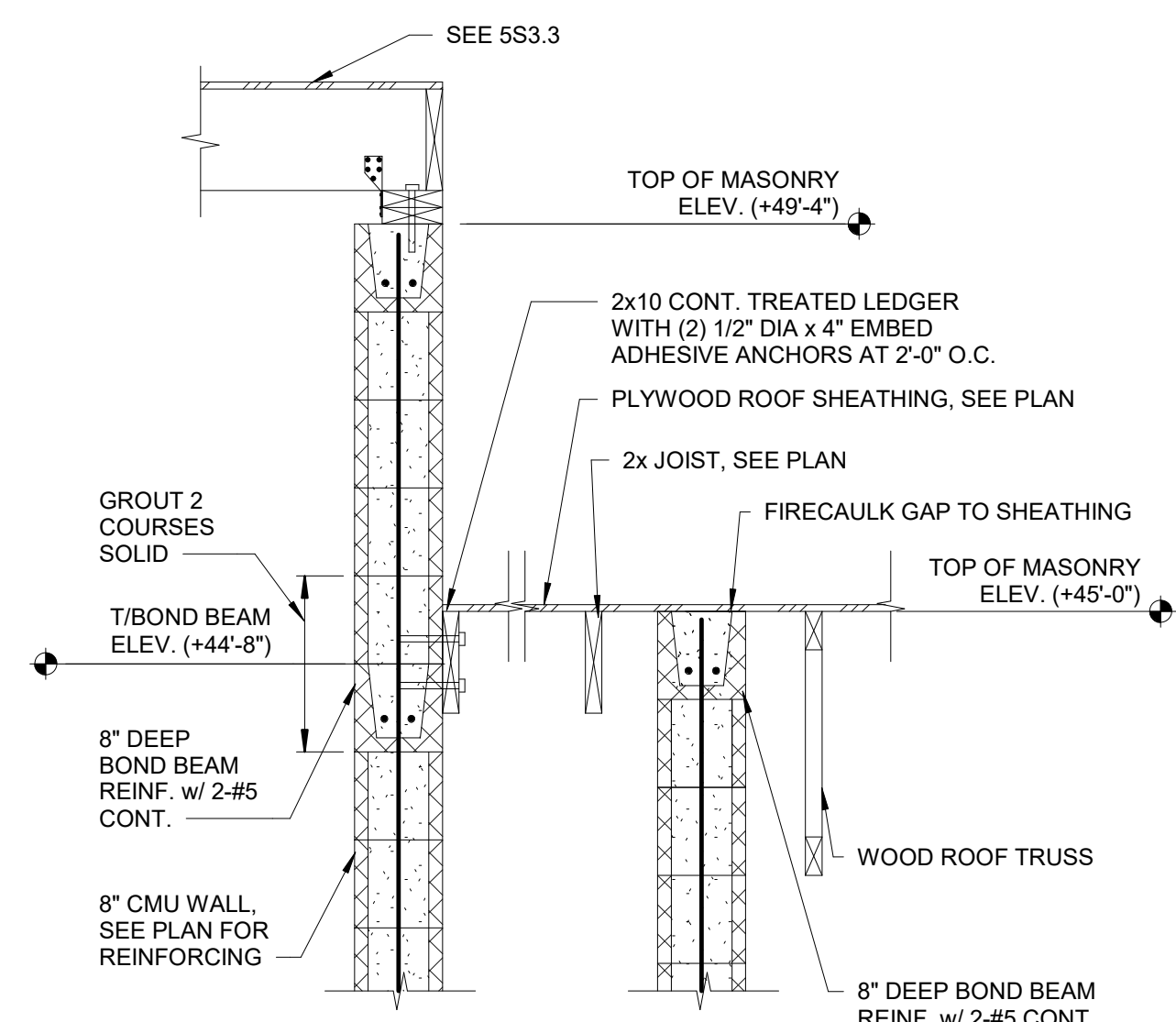
FRAMING SECTIONS AND
DETAILS

DATE: January 5, 2024

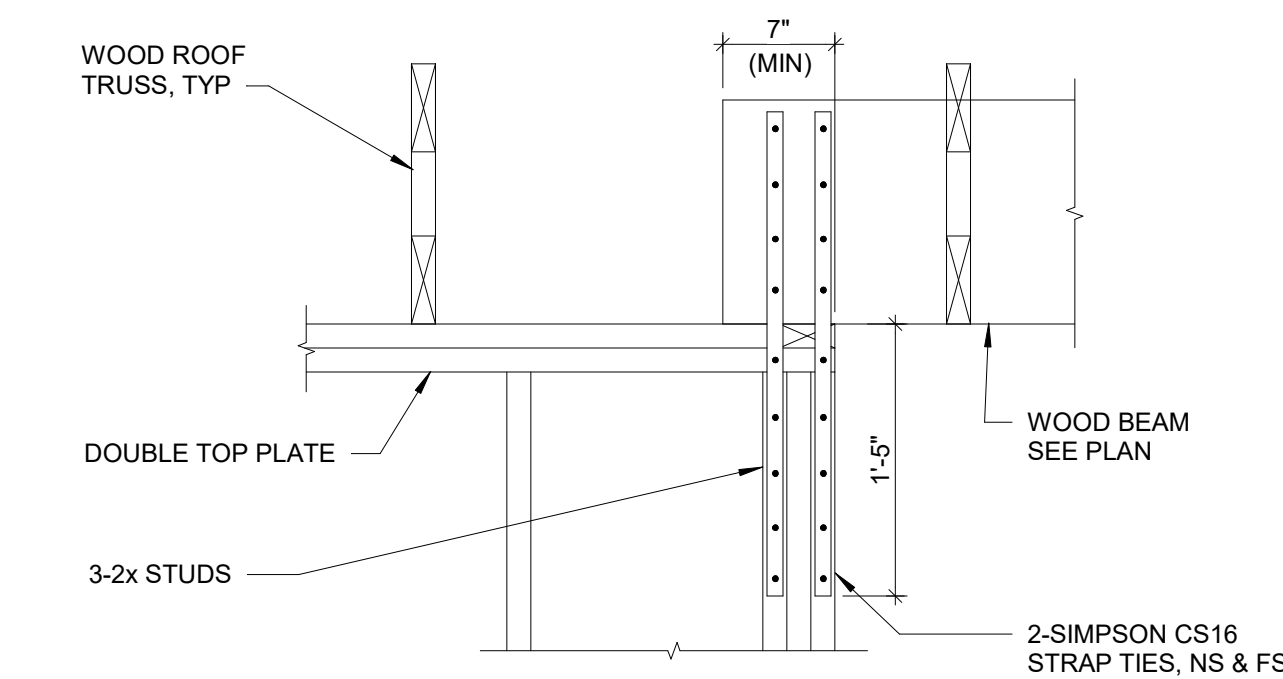
COMM. NO. 23104.00

S3.2

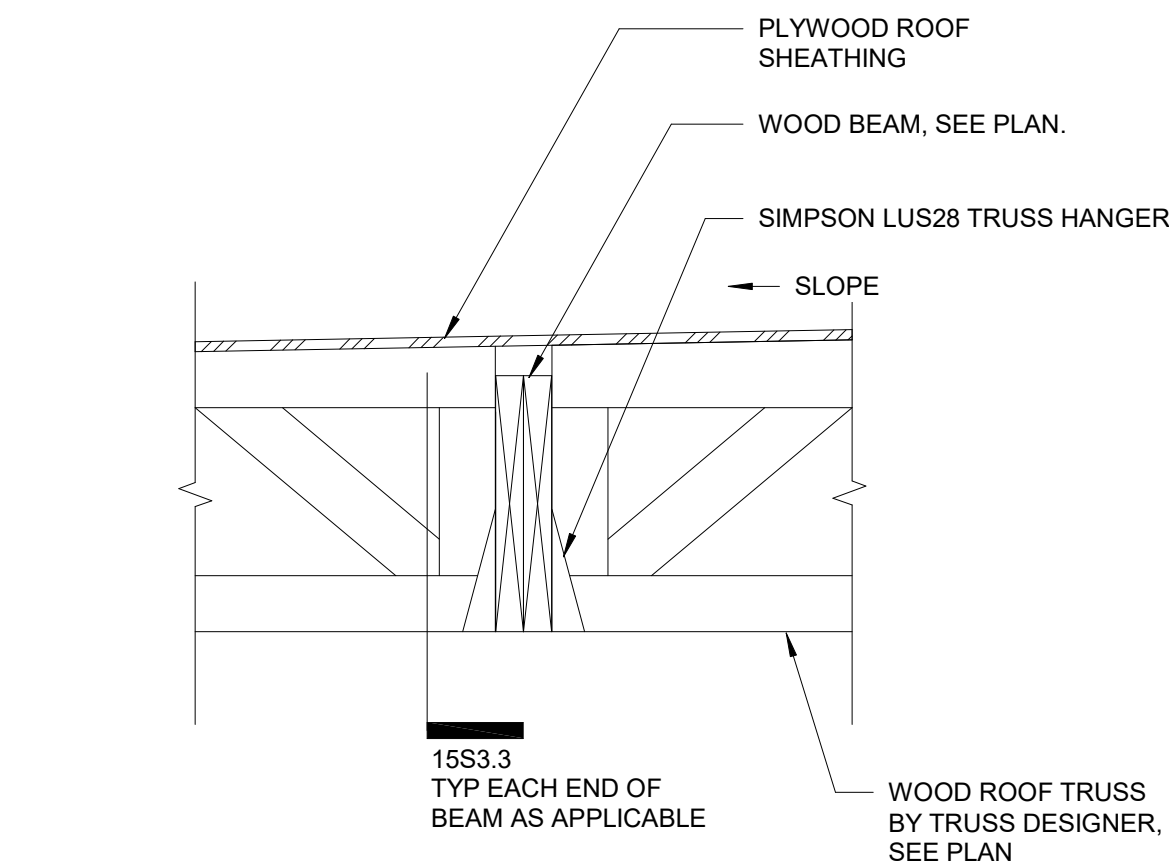
GENERAL NOTES



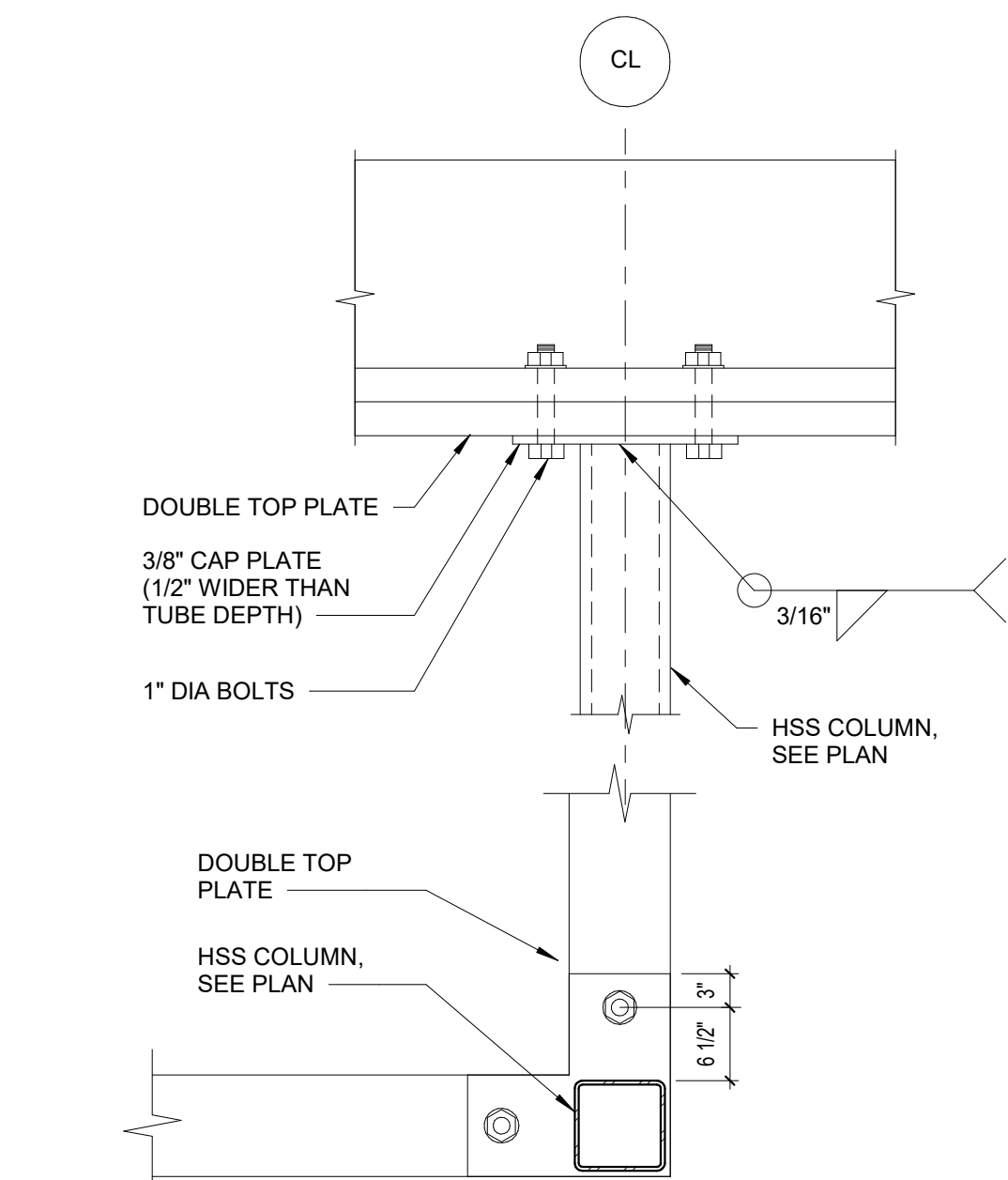
16 SECTION
S3.3 3/4" = 1'-0"



15 SECTION
S3.3 1" = 1'-0"

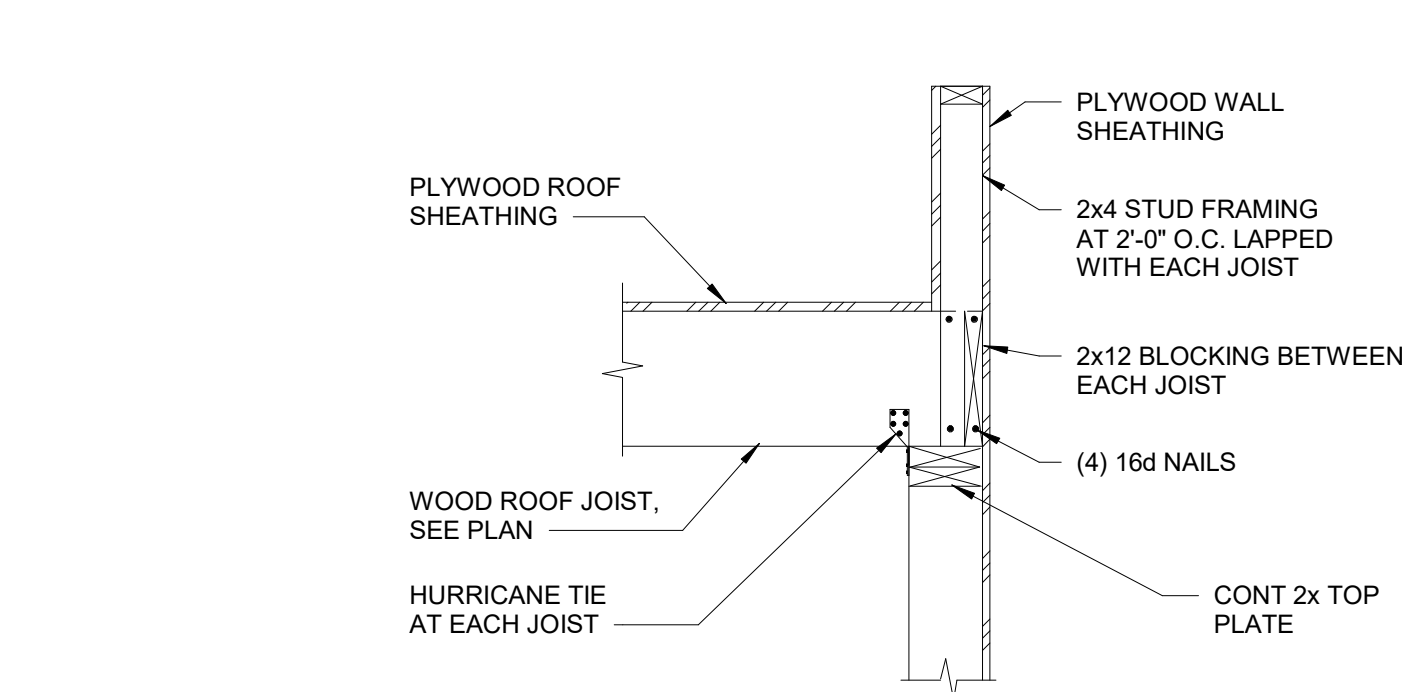


14 SECTION
S3.3 1" = 1'-0"

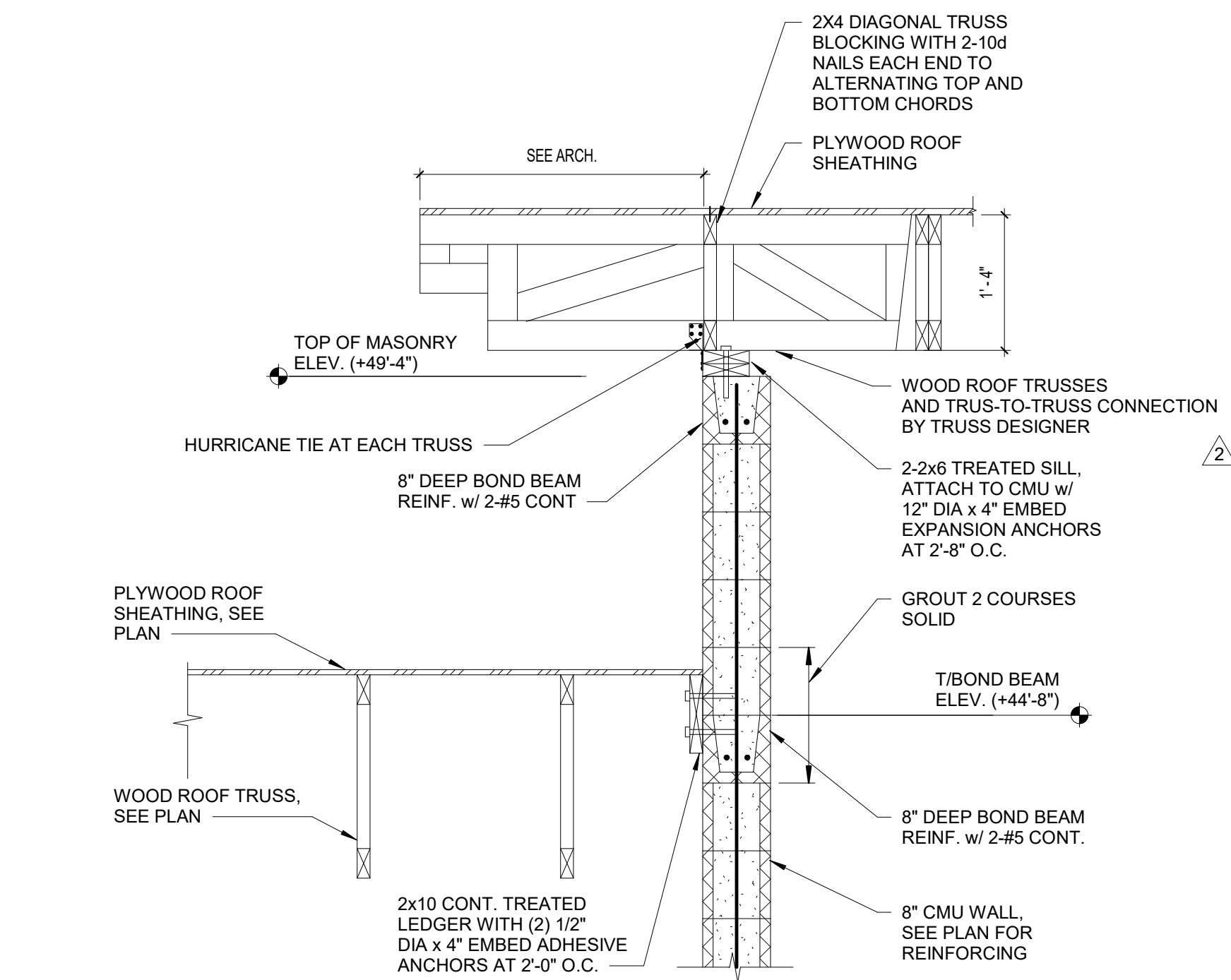


PLAN DETAIL AT CORNER COLUMN

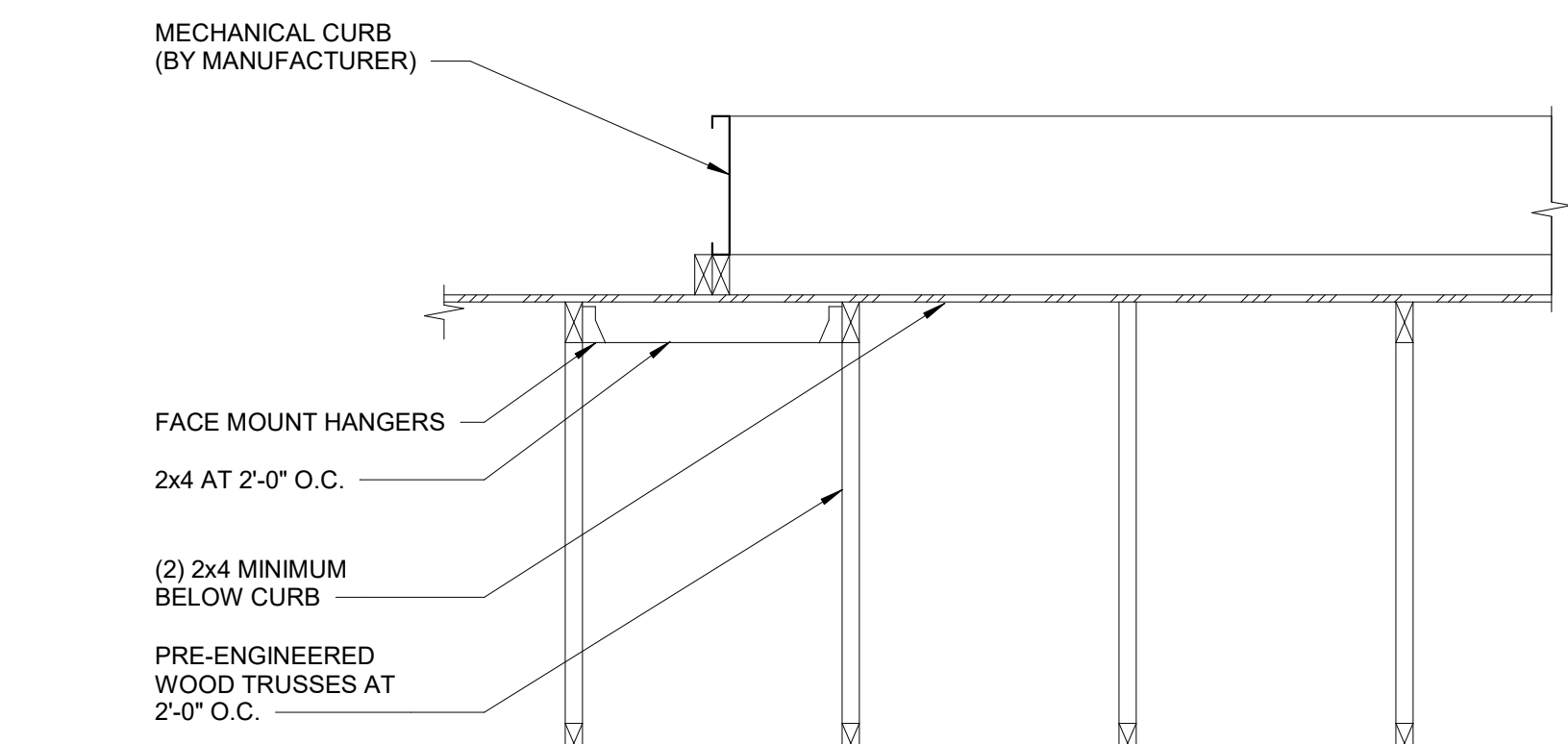
13 DETAIL
S3.3 3/4" = 1'-0"



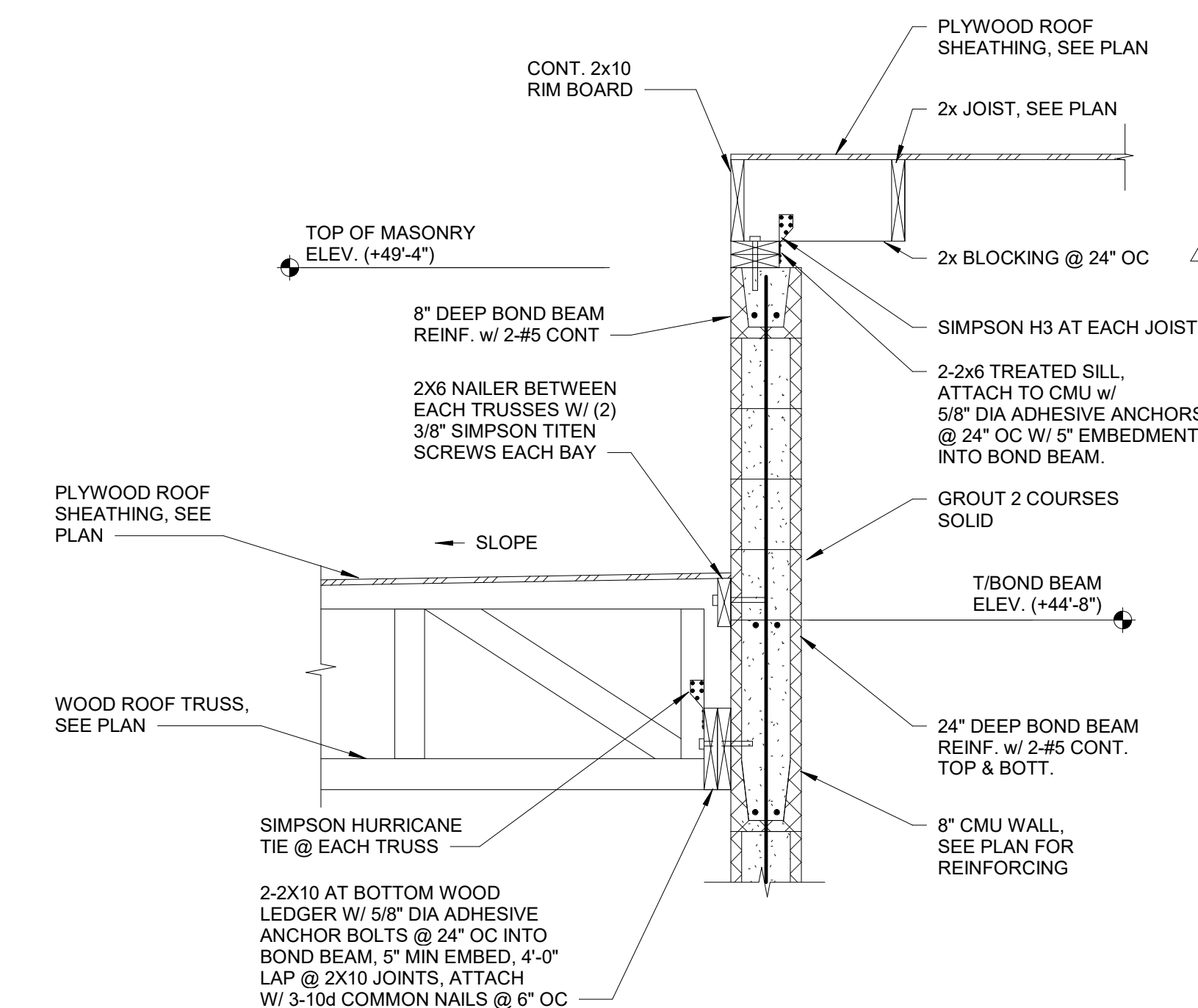
12 SECTION
S3.3 3/4" = 1'-0"



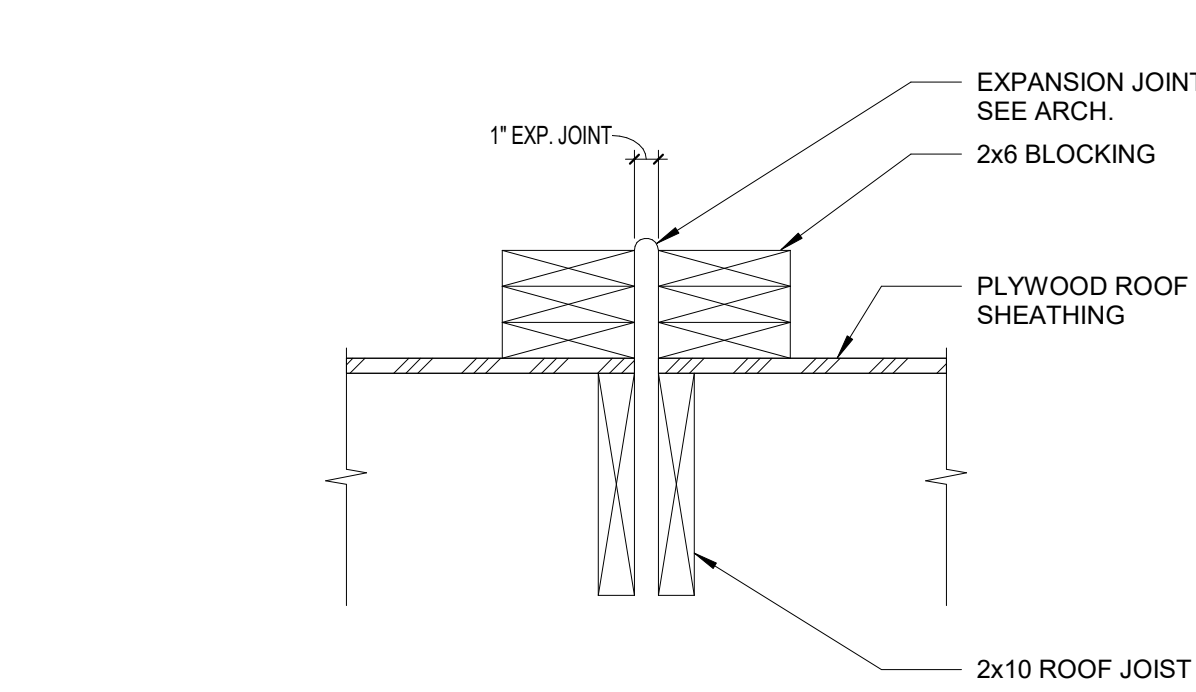
11 ELEVATOR #1 CAP SECTION
S3.3 3/4" = 1'-0"



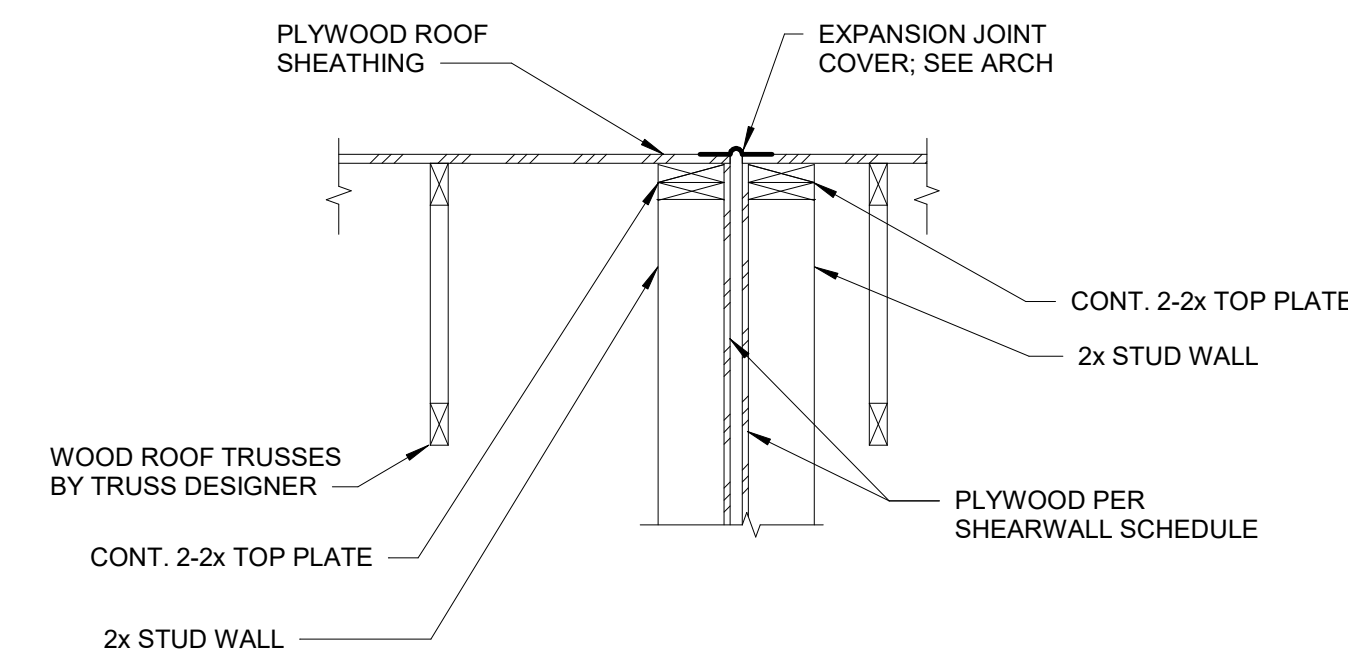
10 TYPICAL ROOF CURB
S3.3 3/4" = 1'-0"



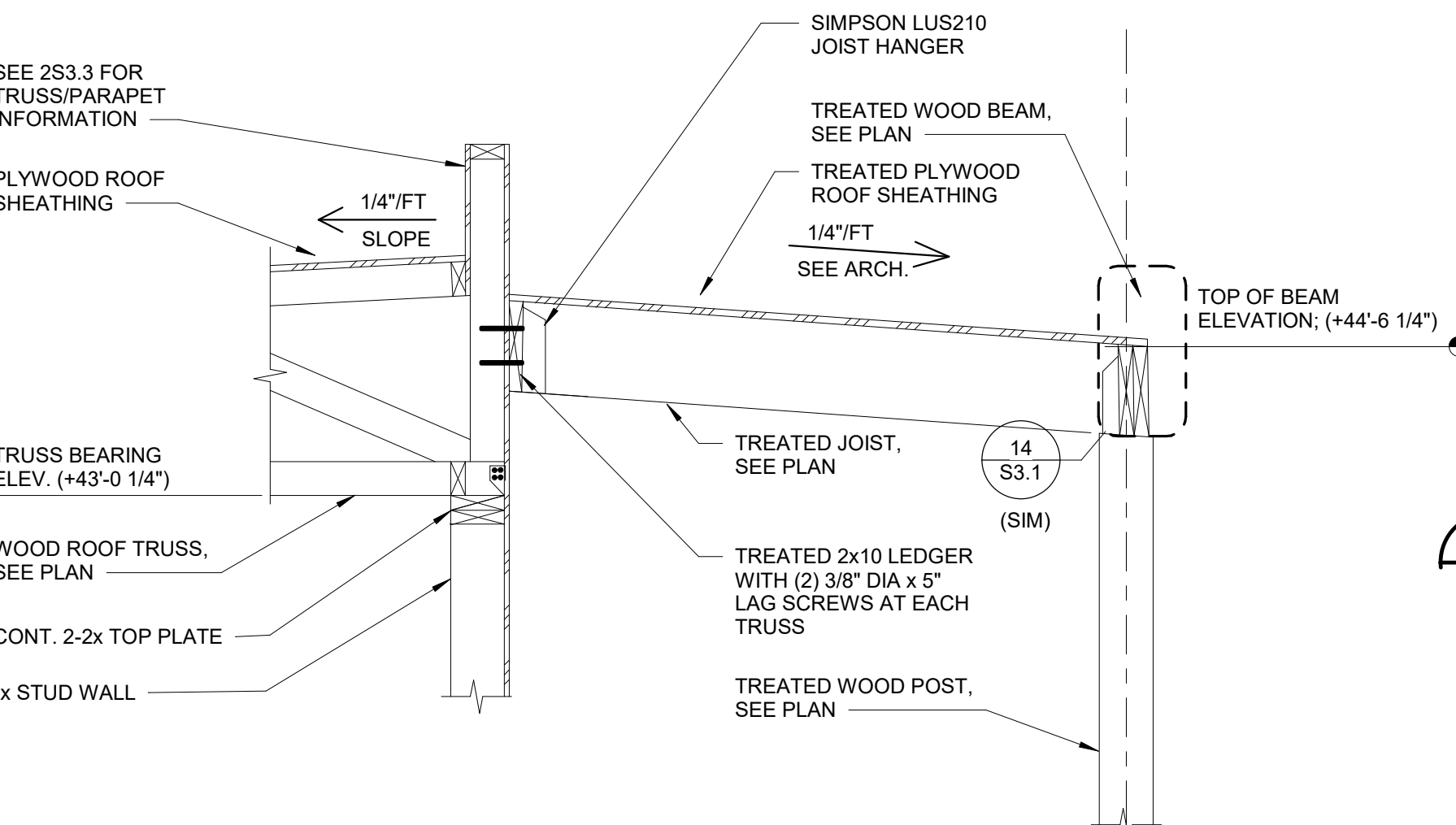
9 ELEVATOR #2 CAP SECTION
S3.3 3/4" = 1'-0"



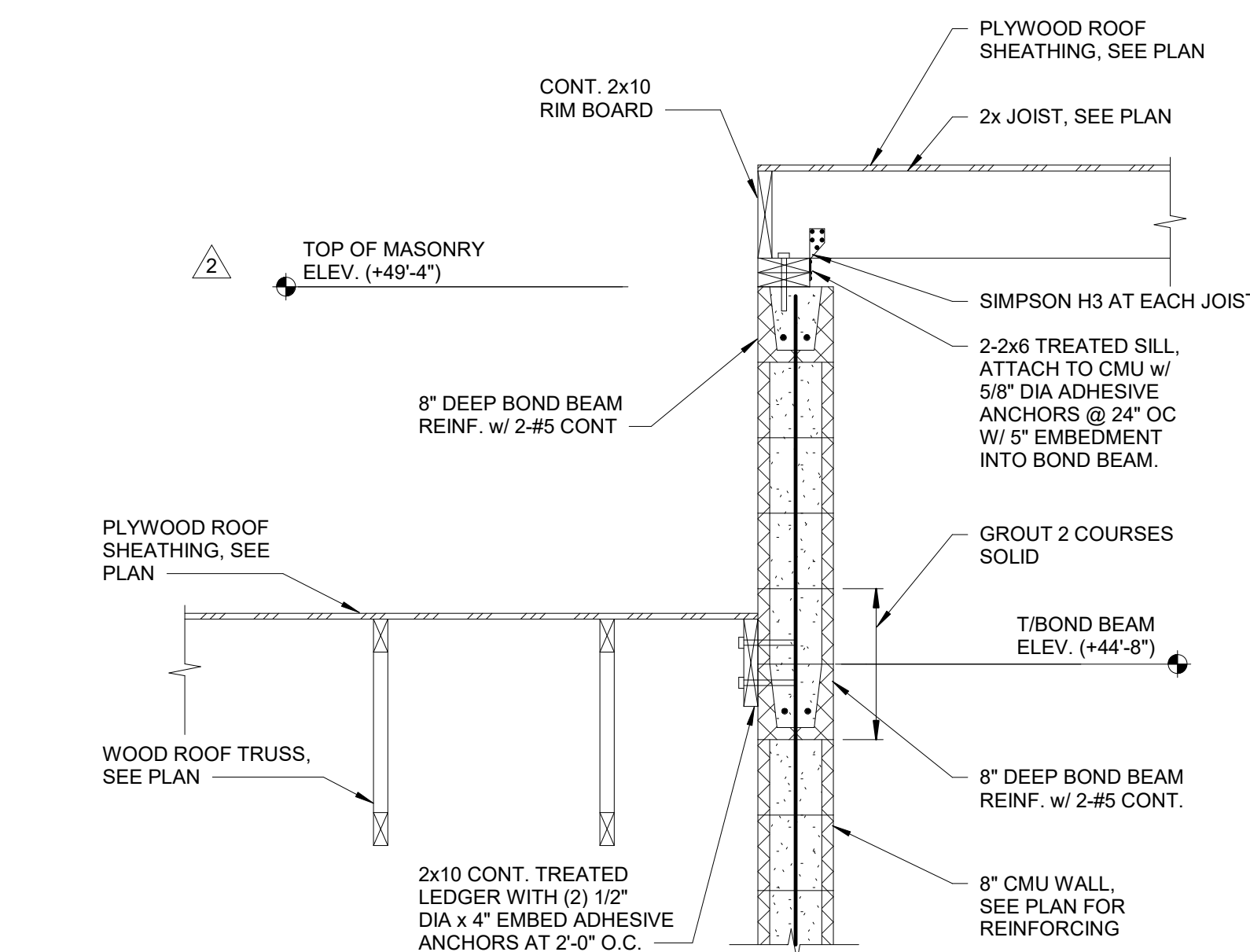
8 SECTION
S3.3 3/4" = 1'-0"



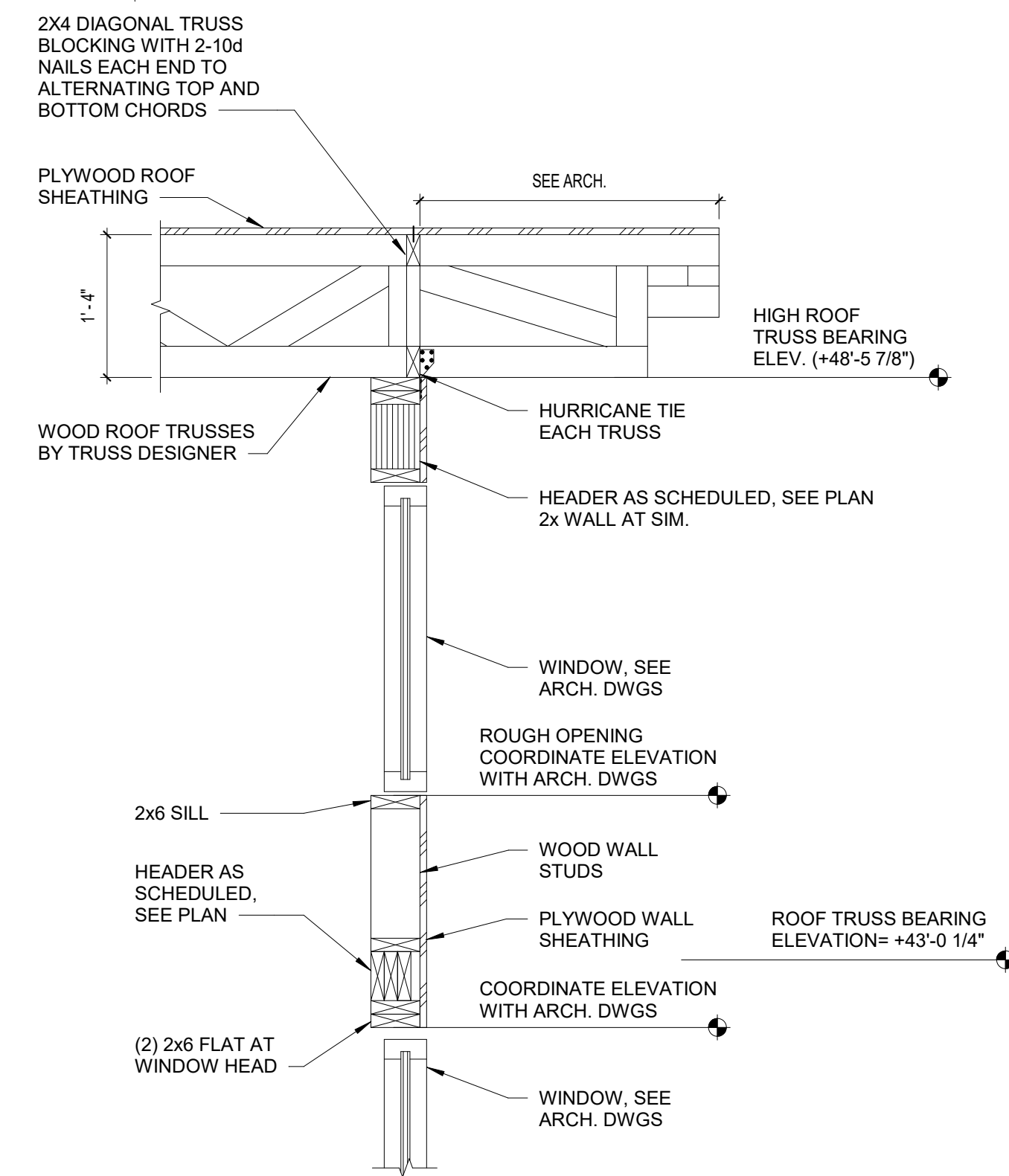
7 TYP ROOF EXPANSION JOINT
S3.3 3/4" = 1'-0"



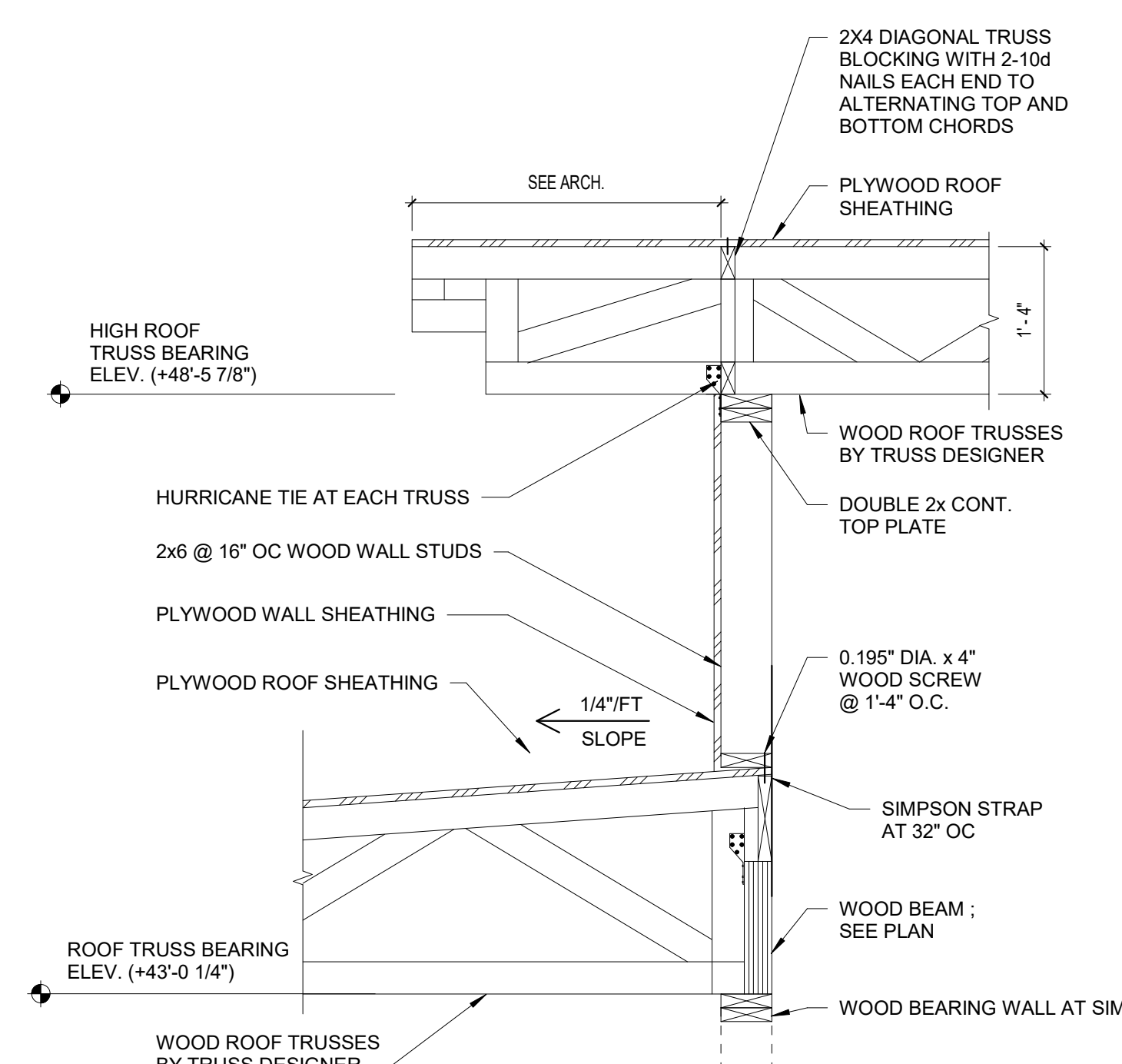
6 BALCONY ROOF SECTION
S3.3 3/4" = 1'-0"



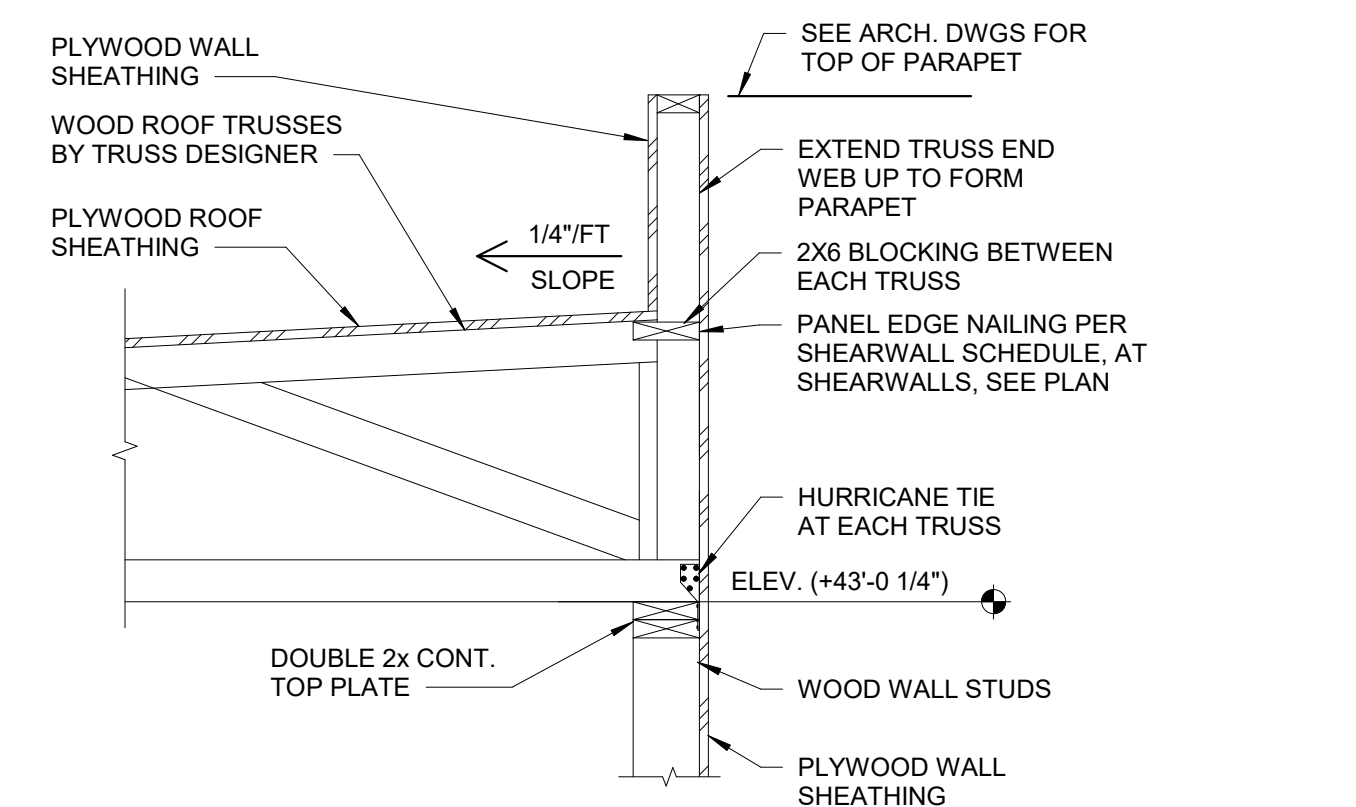
5 ELEVATOR #2 CAP SECTION
S3.3 3/4" = 1'-0"



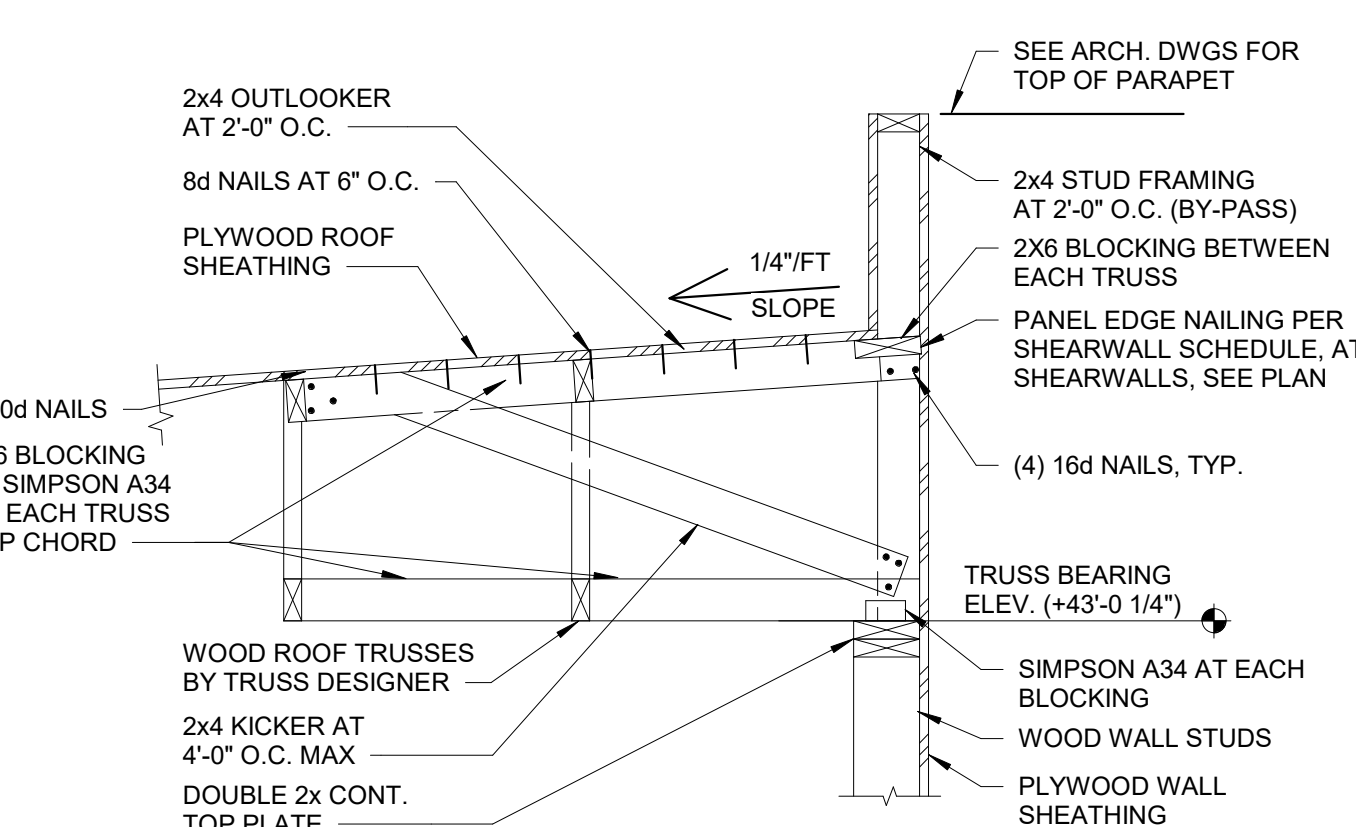
4 TYP EXT. WALL HIGH ROOF TRUSS BRG
S3.3 3/4" = 1'-0"



3 TYP INT WALL HIGH ROOF TRUSS BRG
S3.3 3/4" = 1'-0"



2 TYP ROOF TRUSS ON BRG WALL
S3.3 3/4" = 1'-0"



1 TYP ROOF TRUSS PARALLEL TO BRG WALL
S3.3 3/4" = 1'-0"

CONSTRUCTION SET



PROJECT TITLE



John Knox Village

COURTYARDS - BUILDING E

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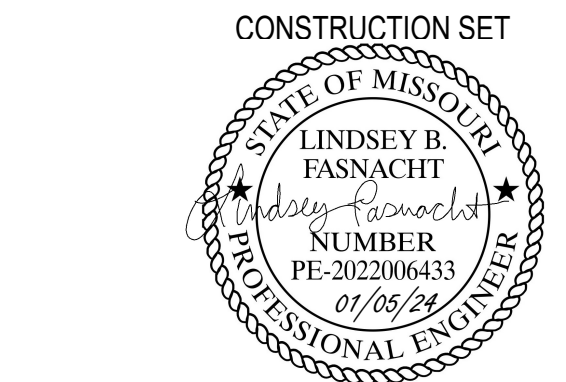
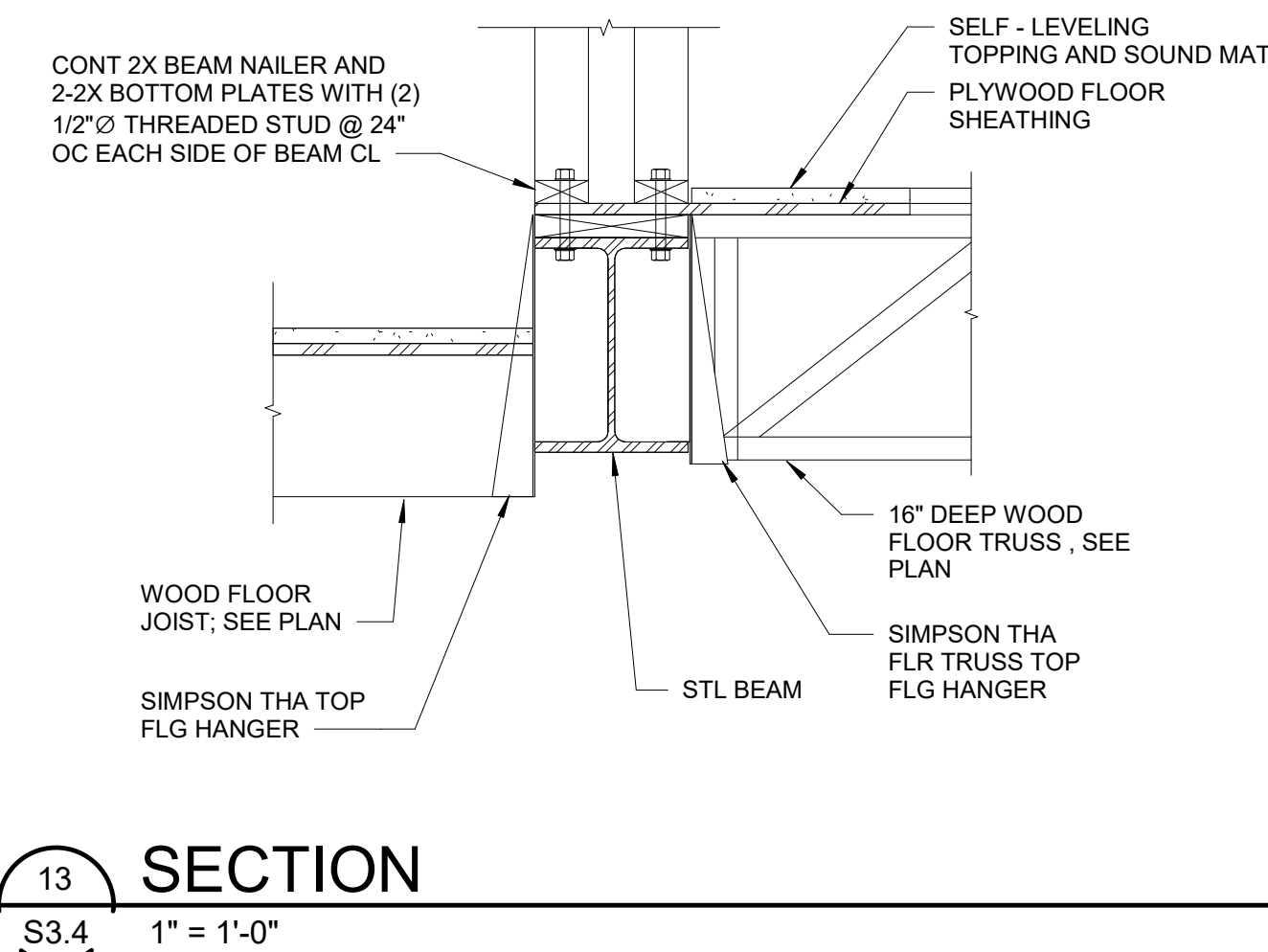
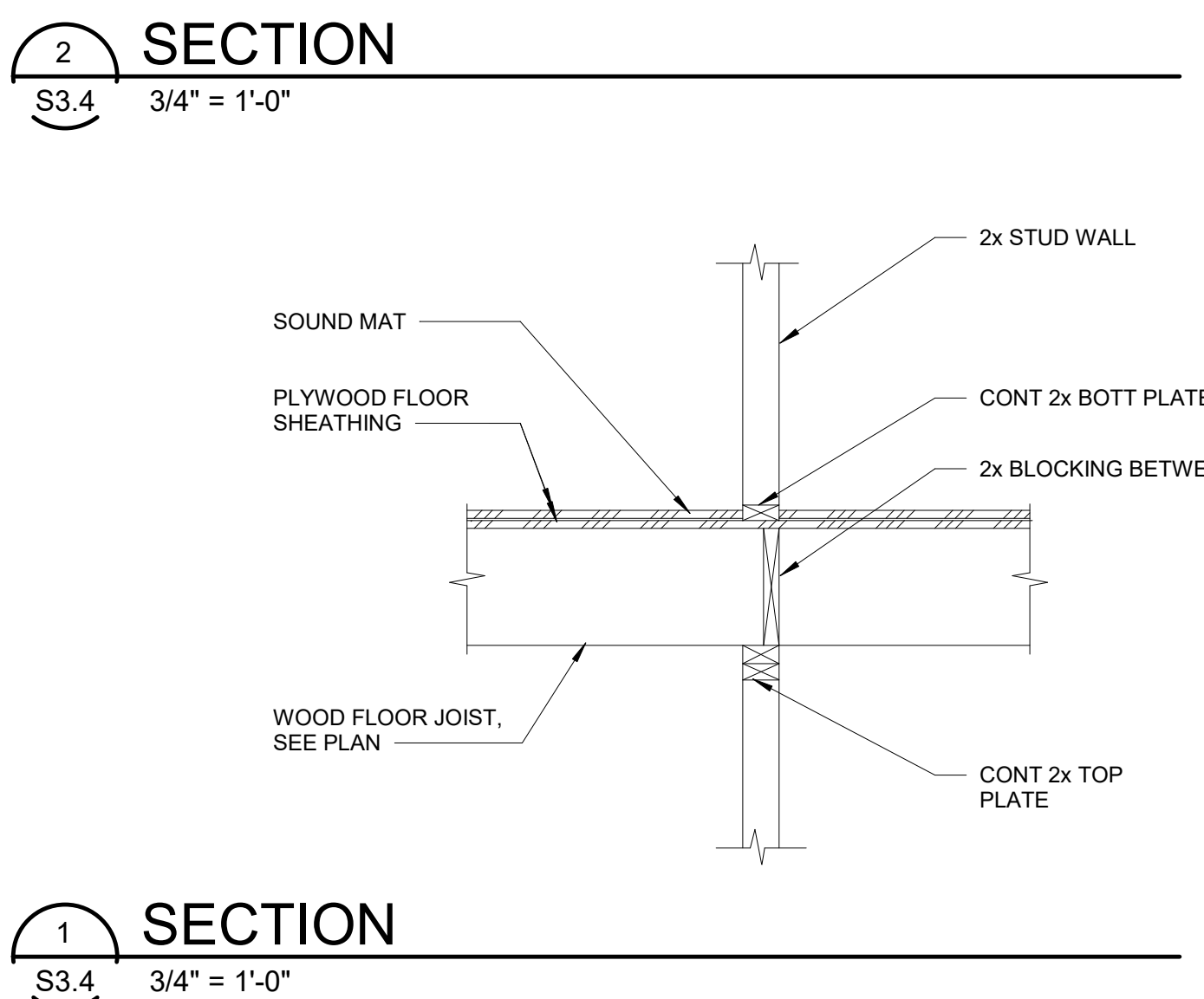
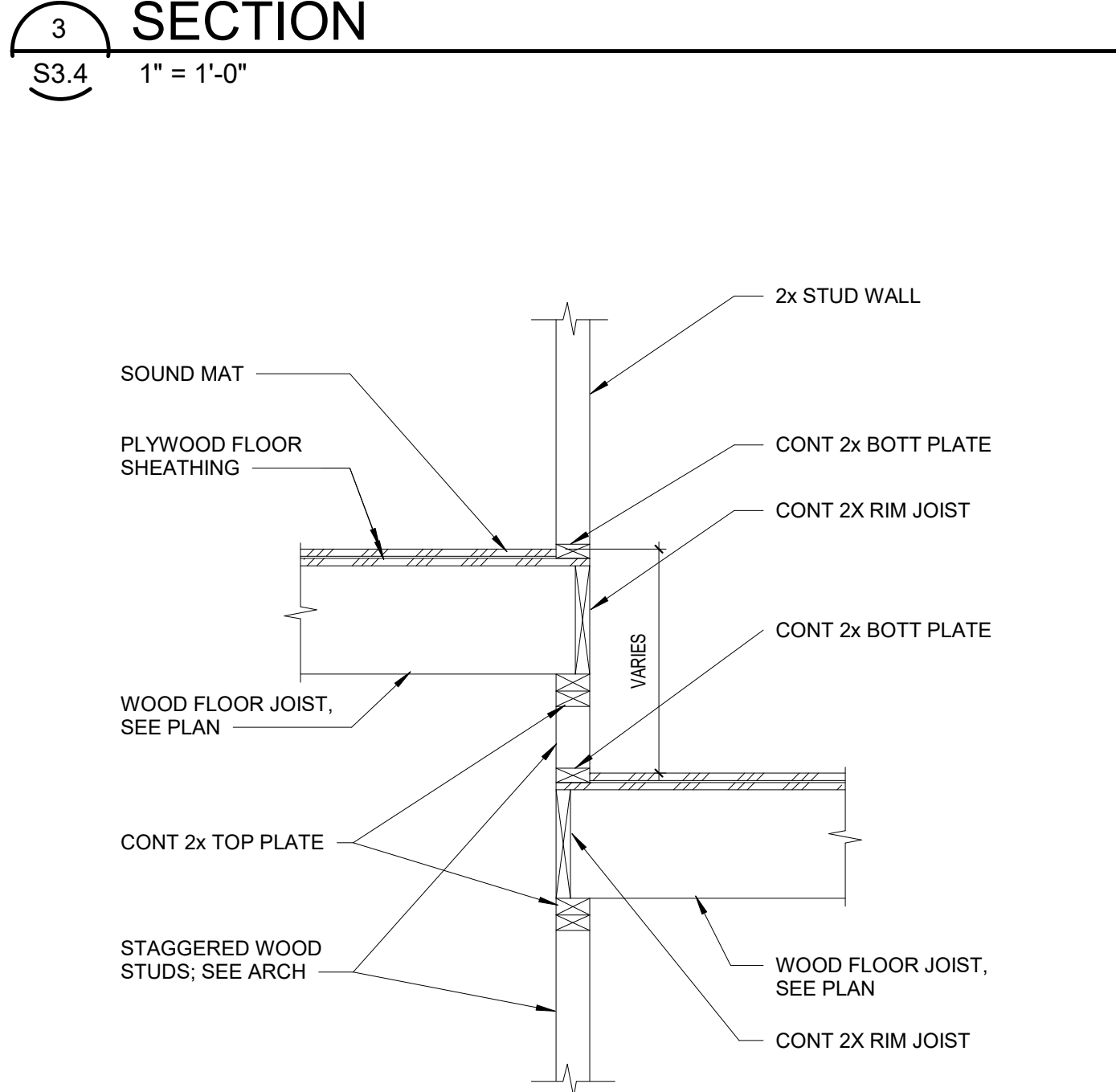
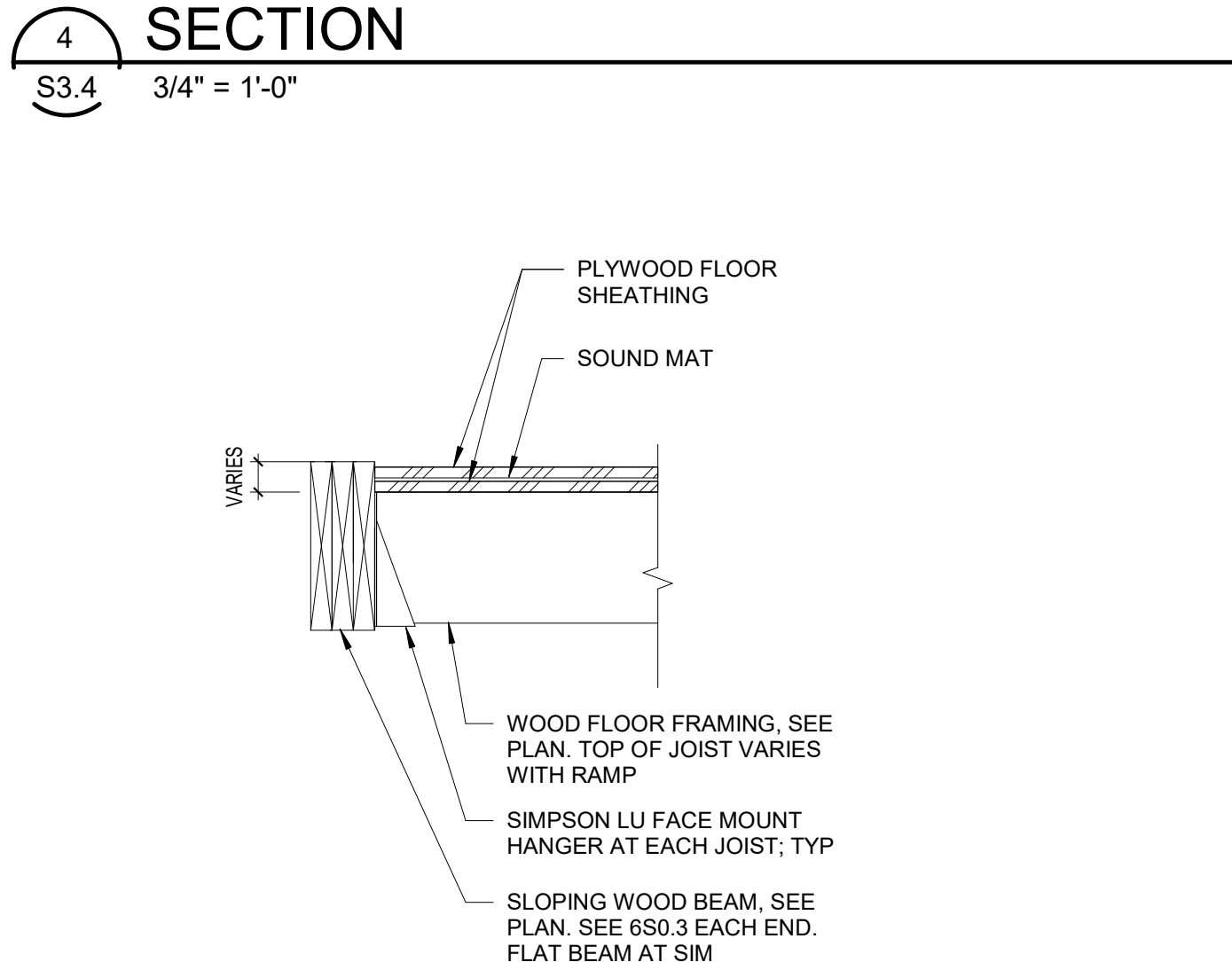
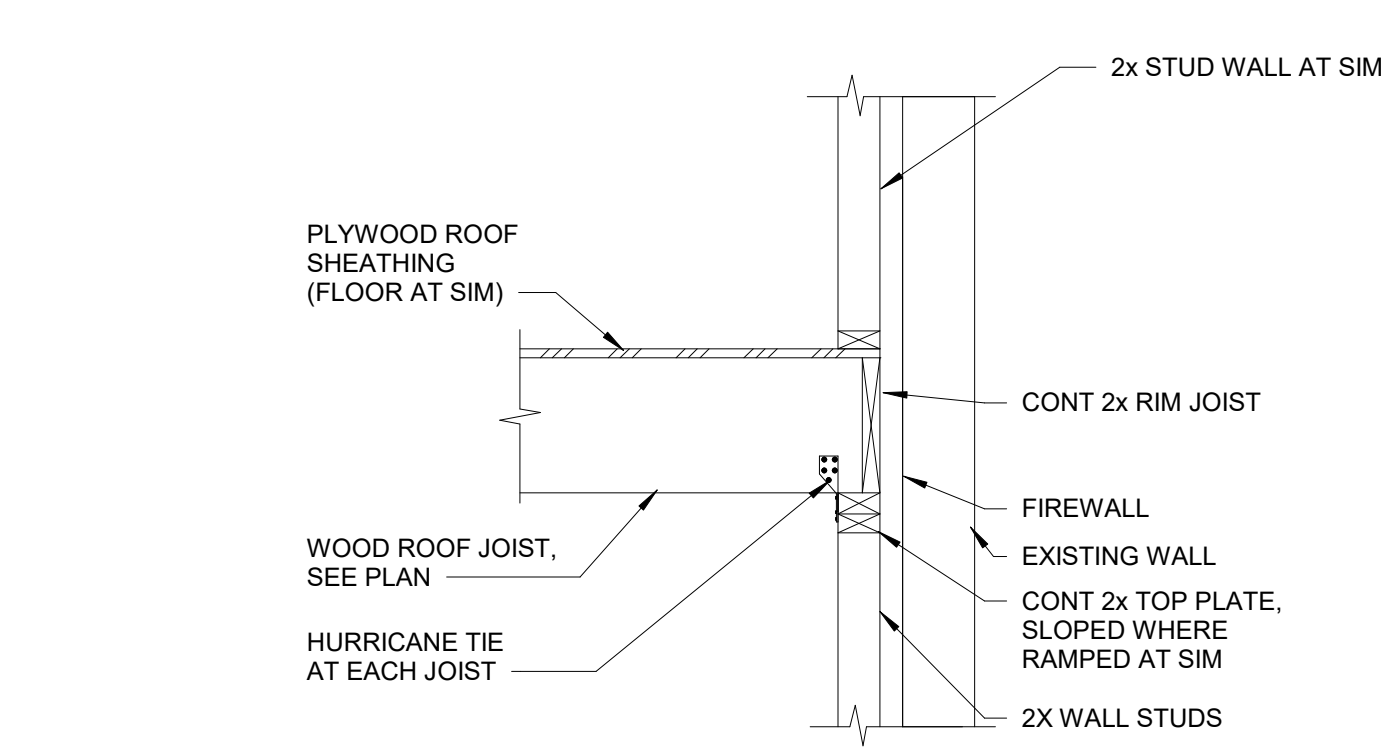
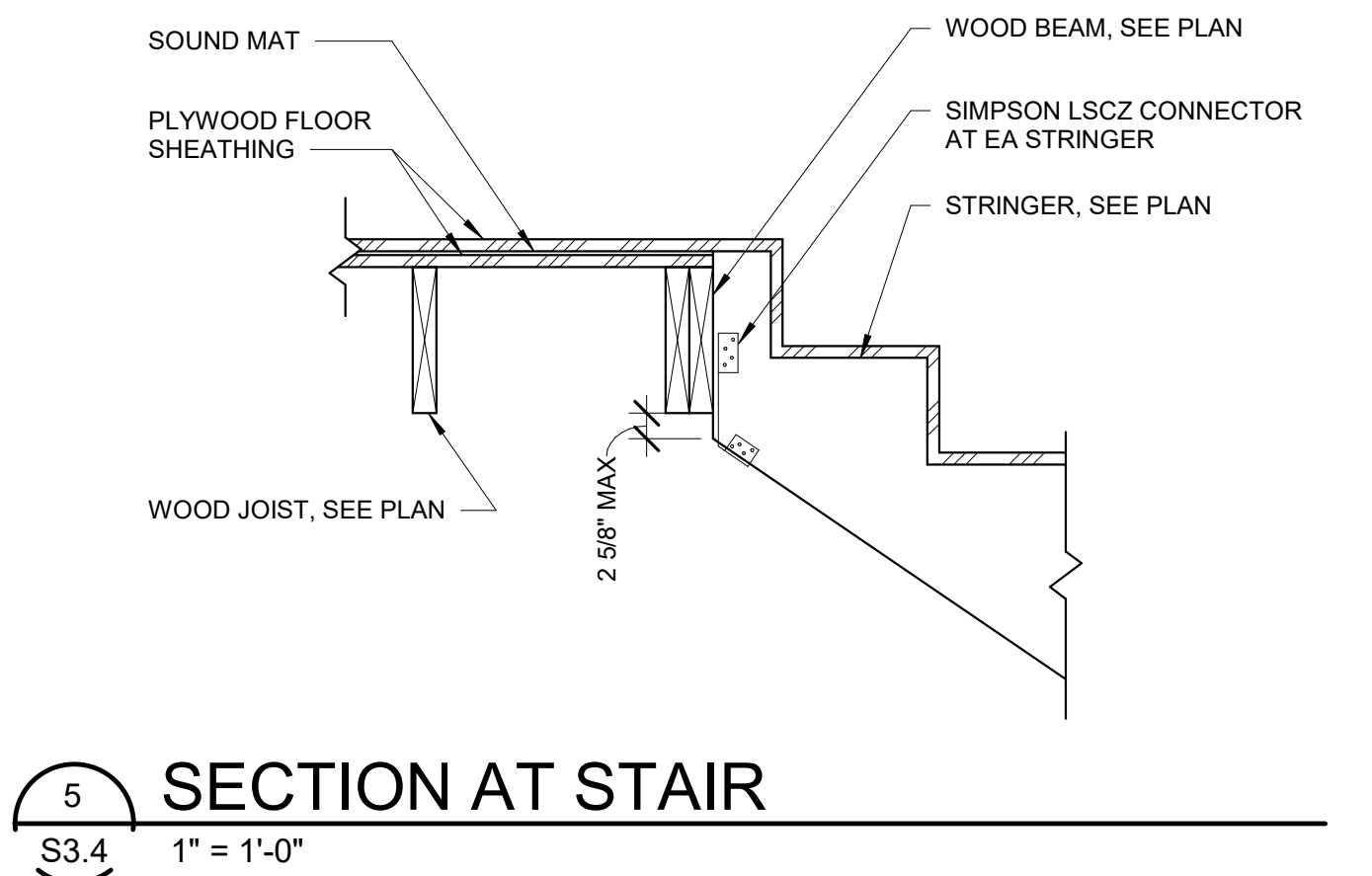
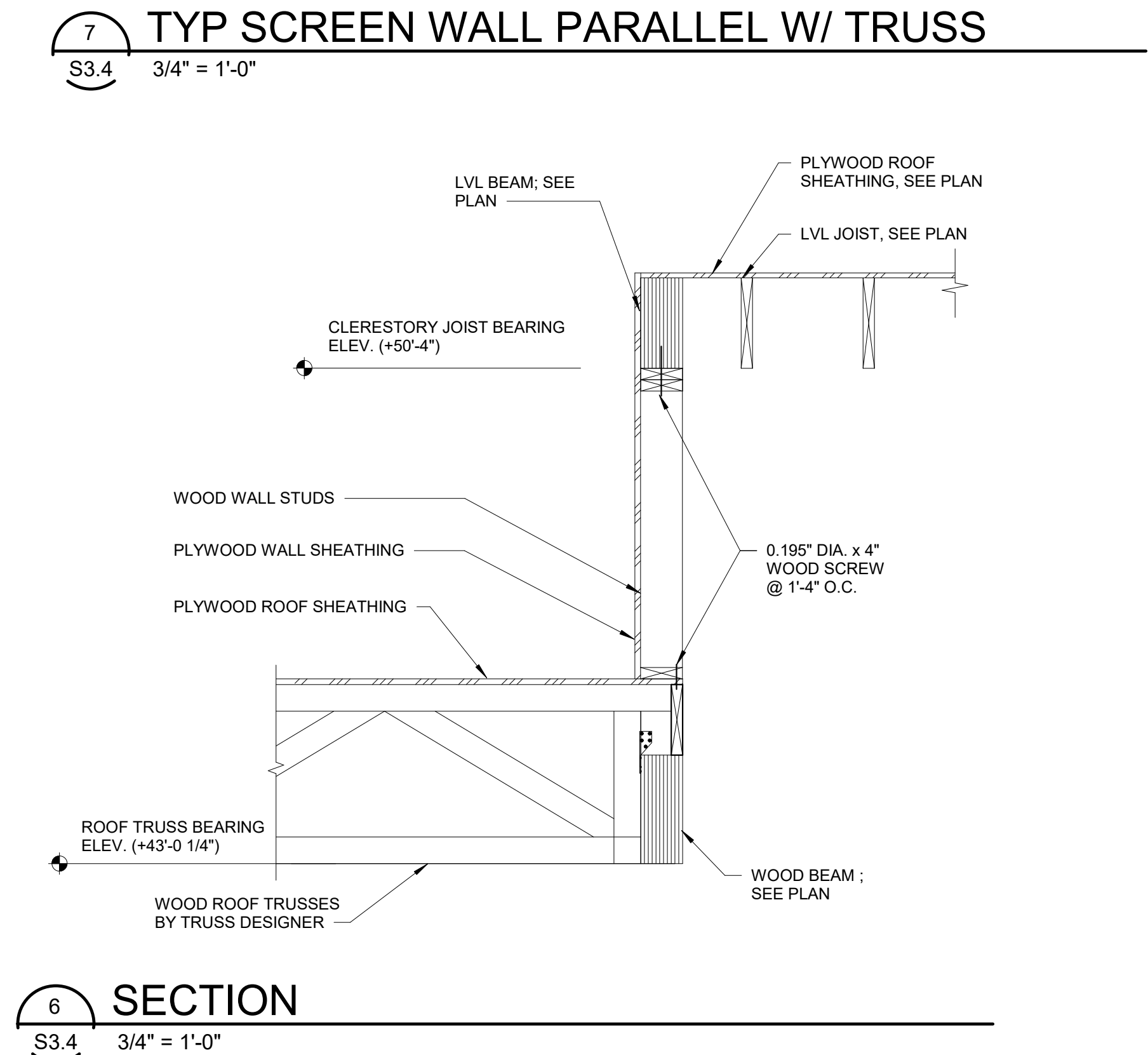
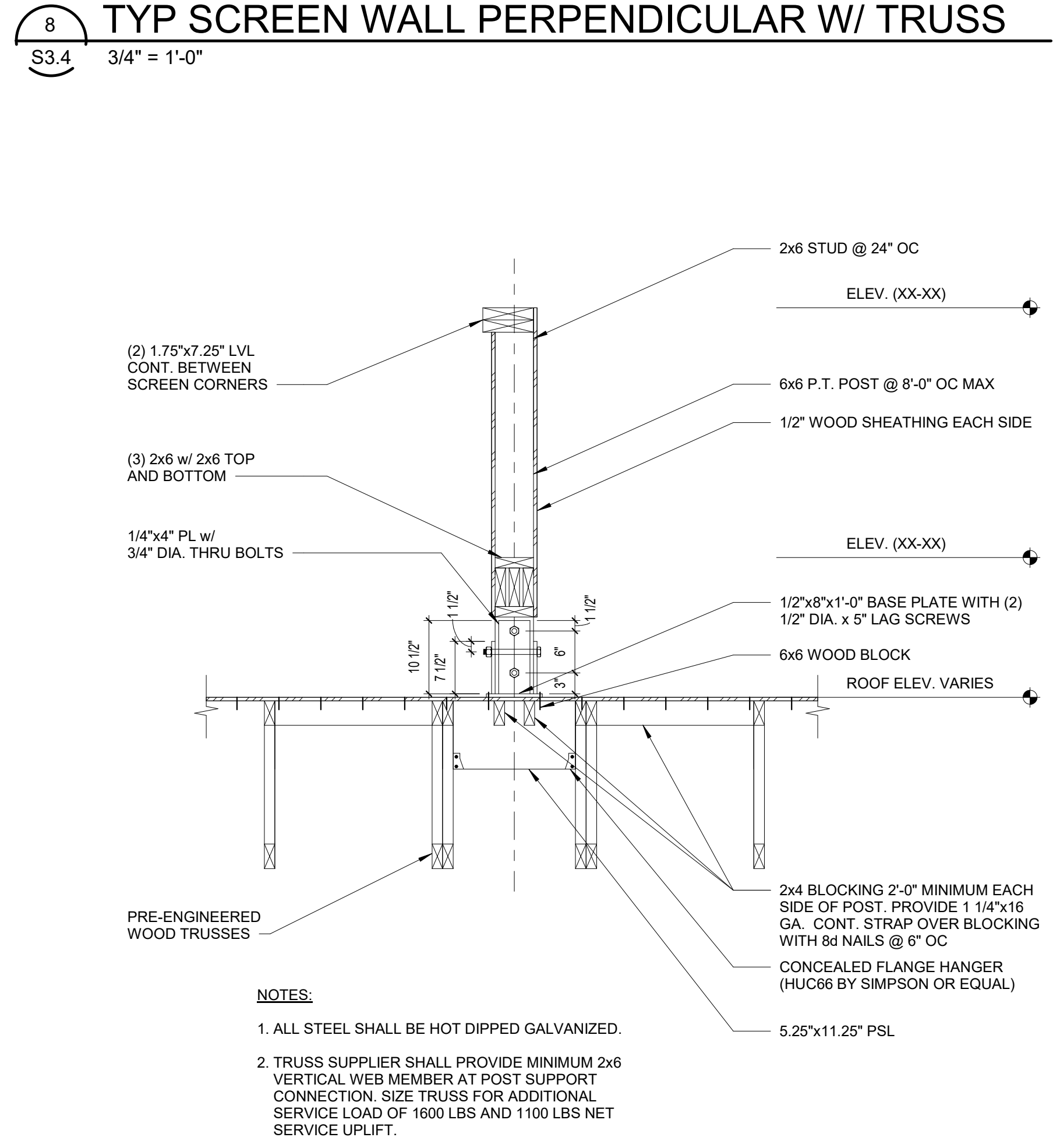
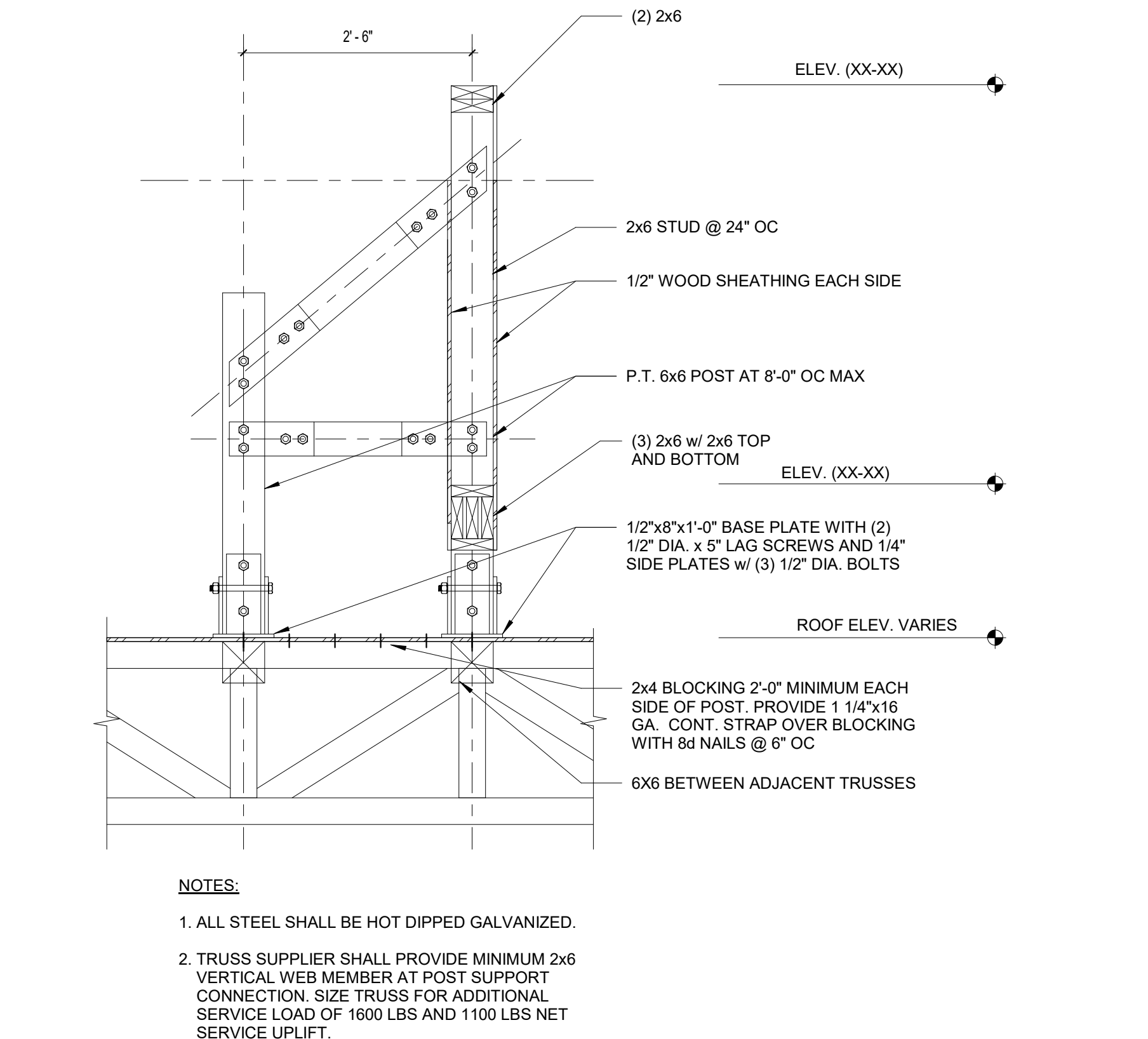
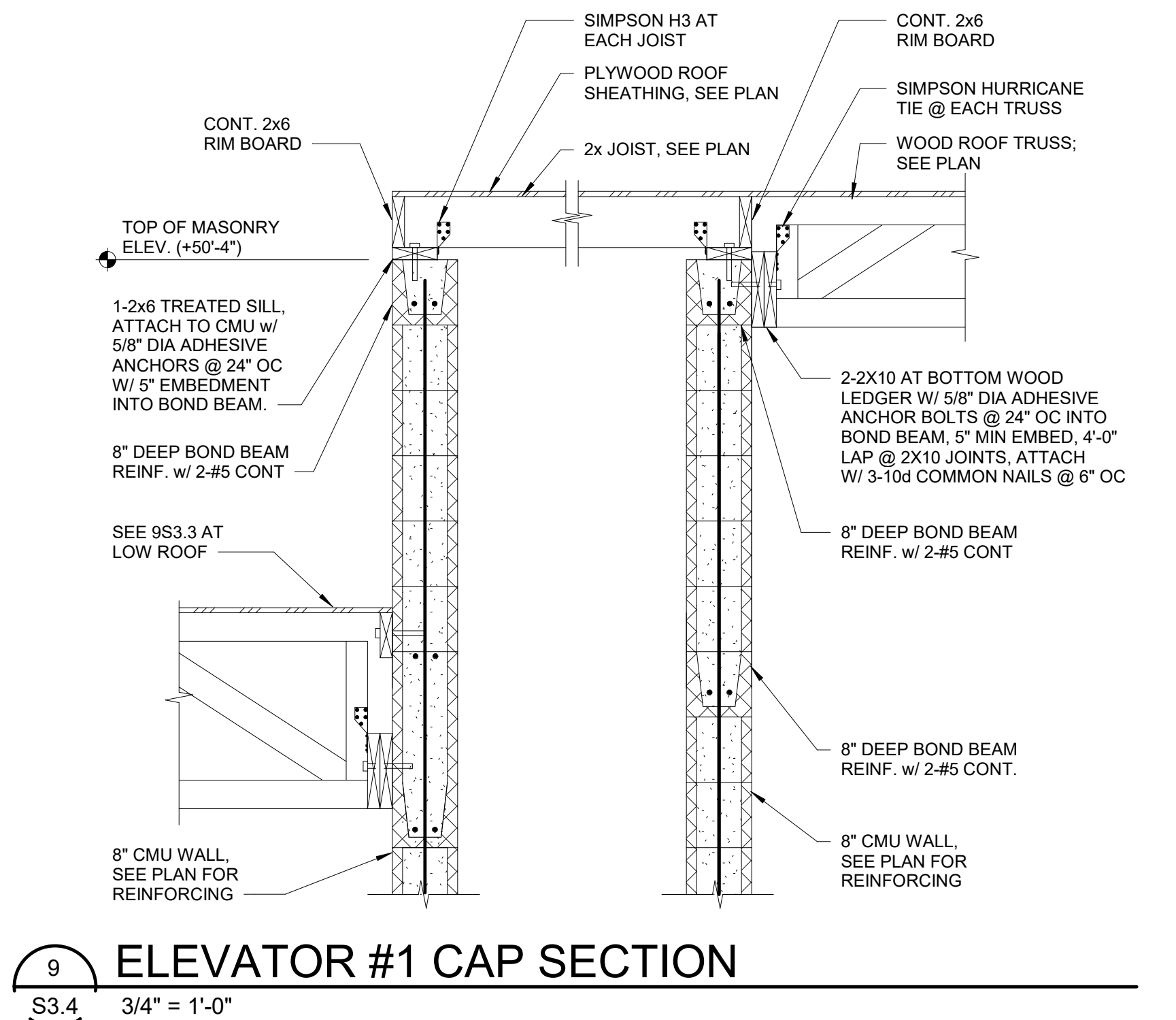
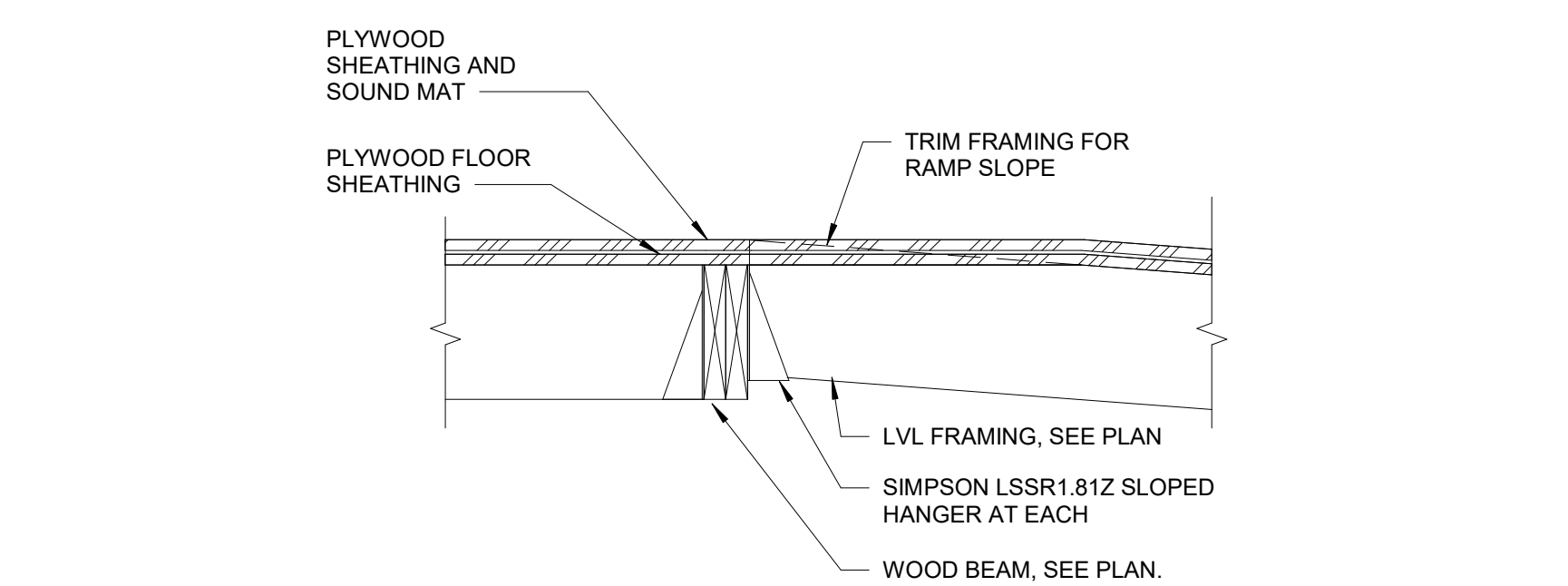
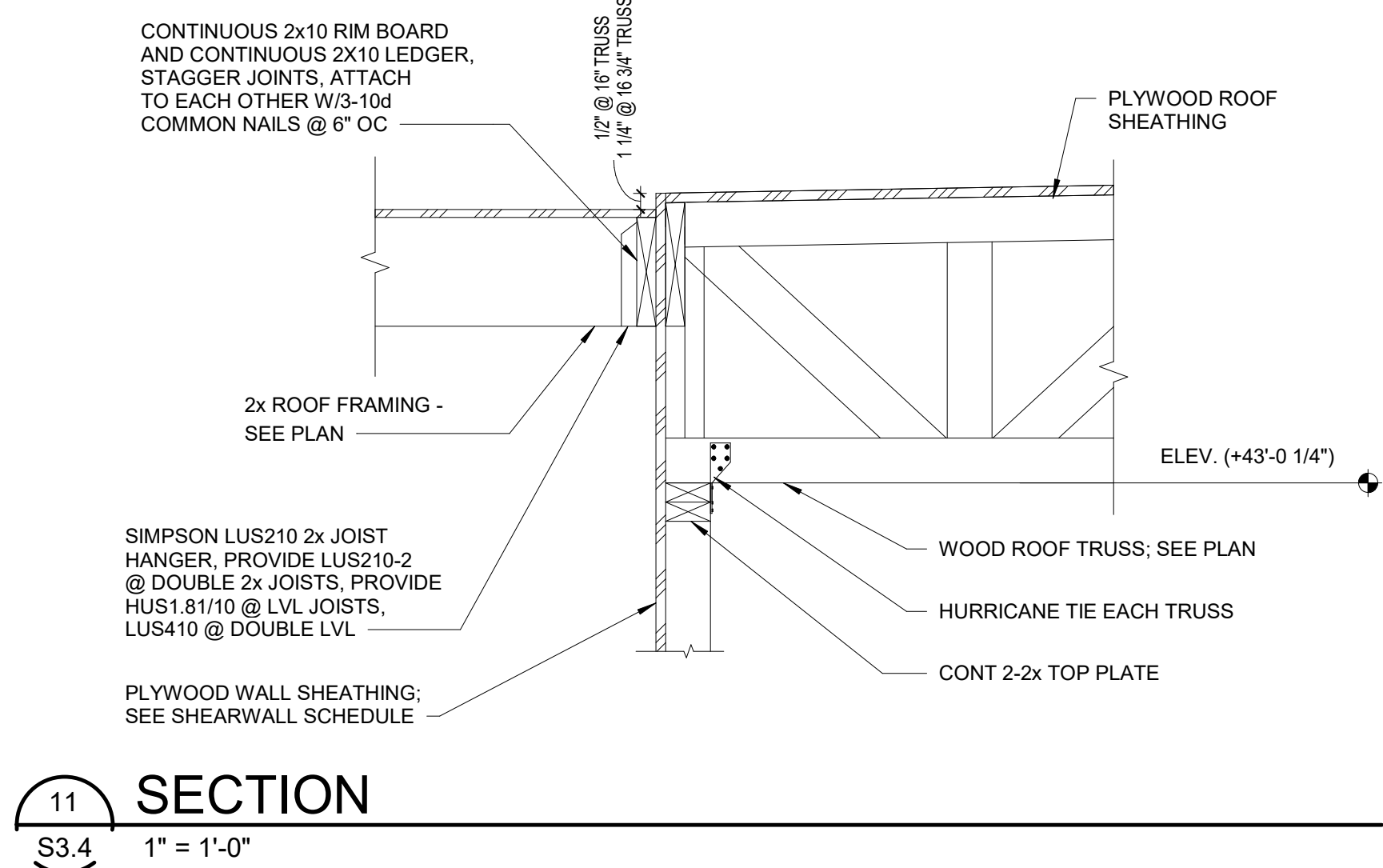
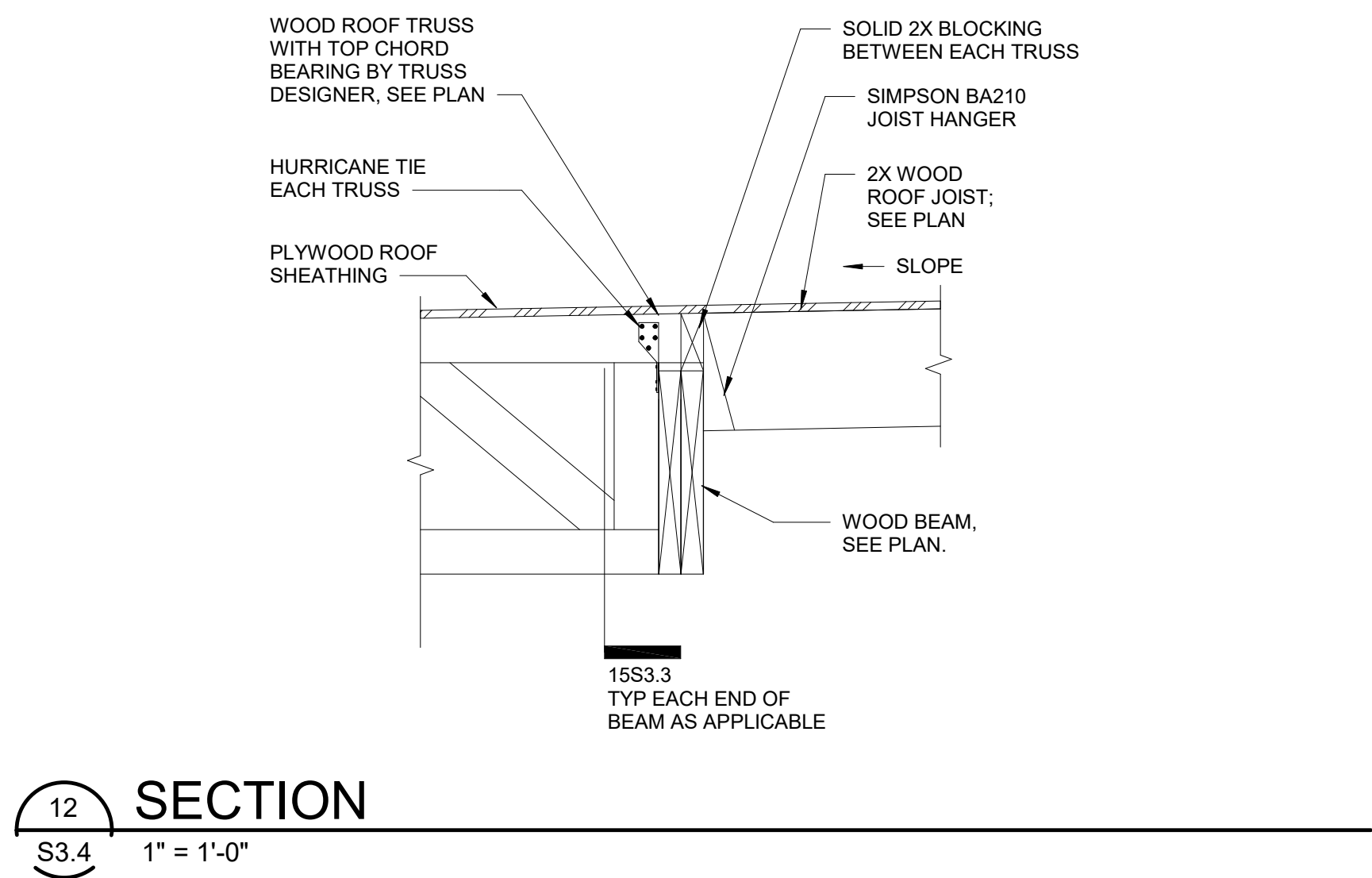
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DESIGNER : DAS	DRAWN : BSW
ARCHITECT : DAS	CHECKED : BDT
ENGINEER : LBF	APPROVED : Approver
NO. 2	REVISION DESCRIPTION DATE
REV 1-PERMIT COMMENTS	2/15/24

DRAWING TITLE
FRAMING SECTIONS AND DETAILS

DATE: January 5, 2024
COMM. NO. 23104.00

DRAWING
S3.3

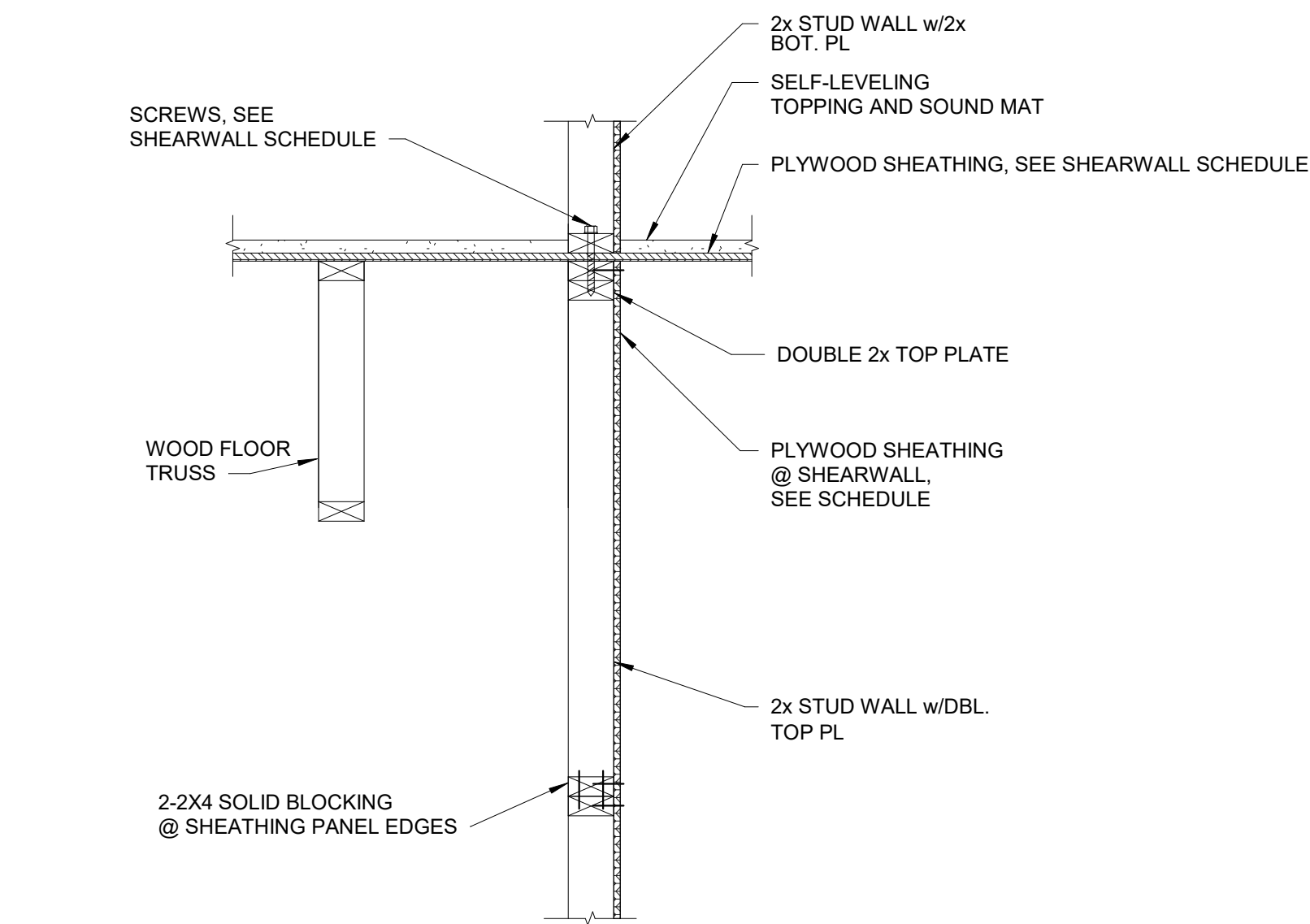


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REV 1-	PERMIT COMMENTS 2/15/24

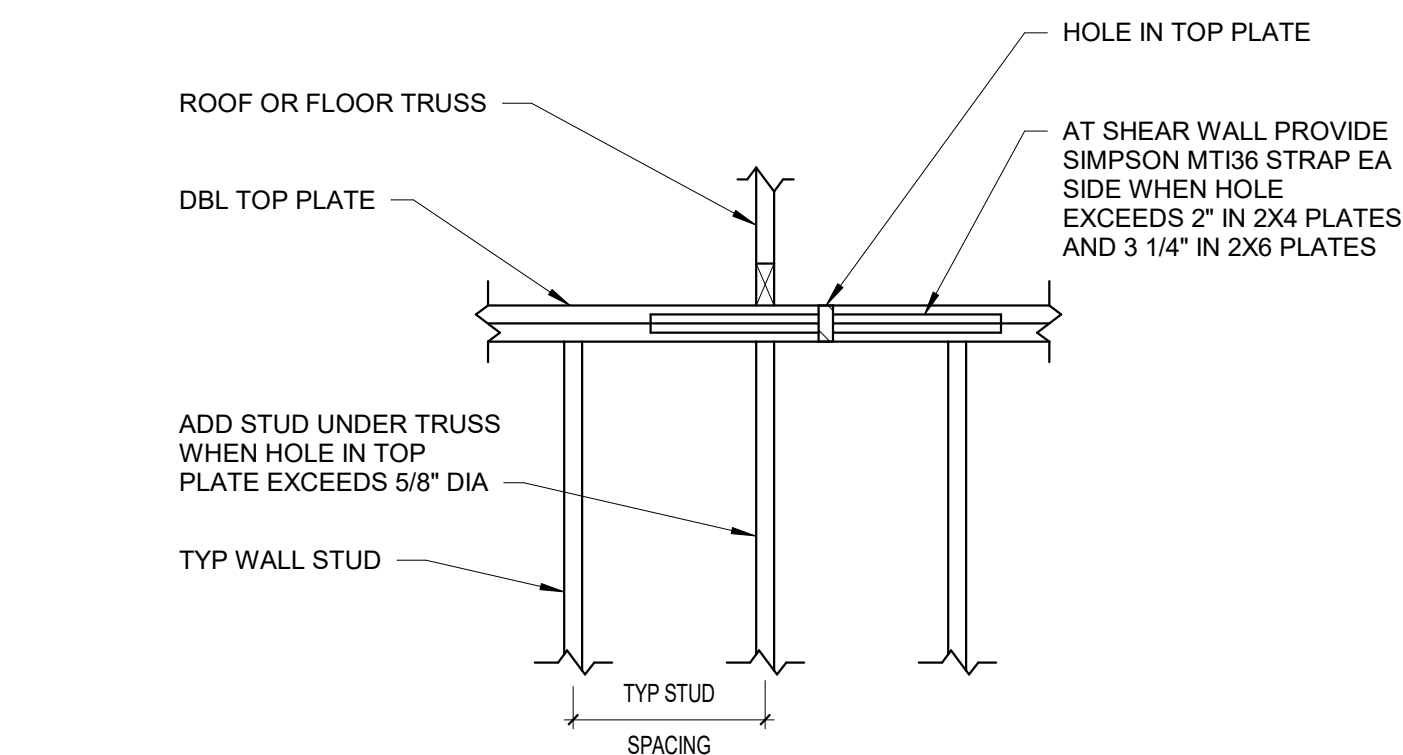
DRAWING TITLE
FRAMING SECTIONS AND DETAILS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	S3.4



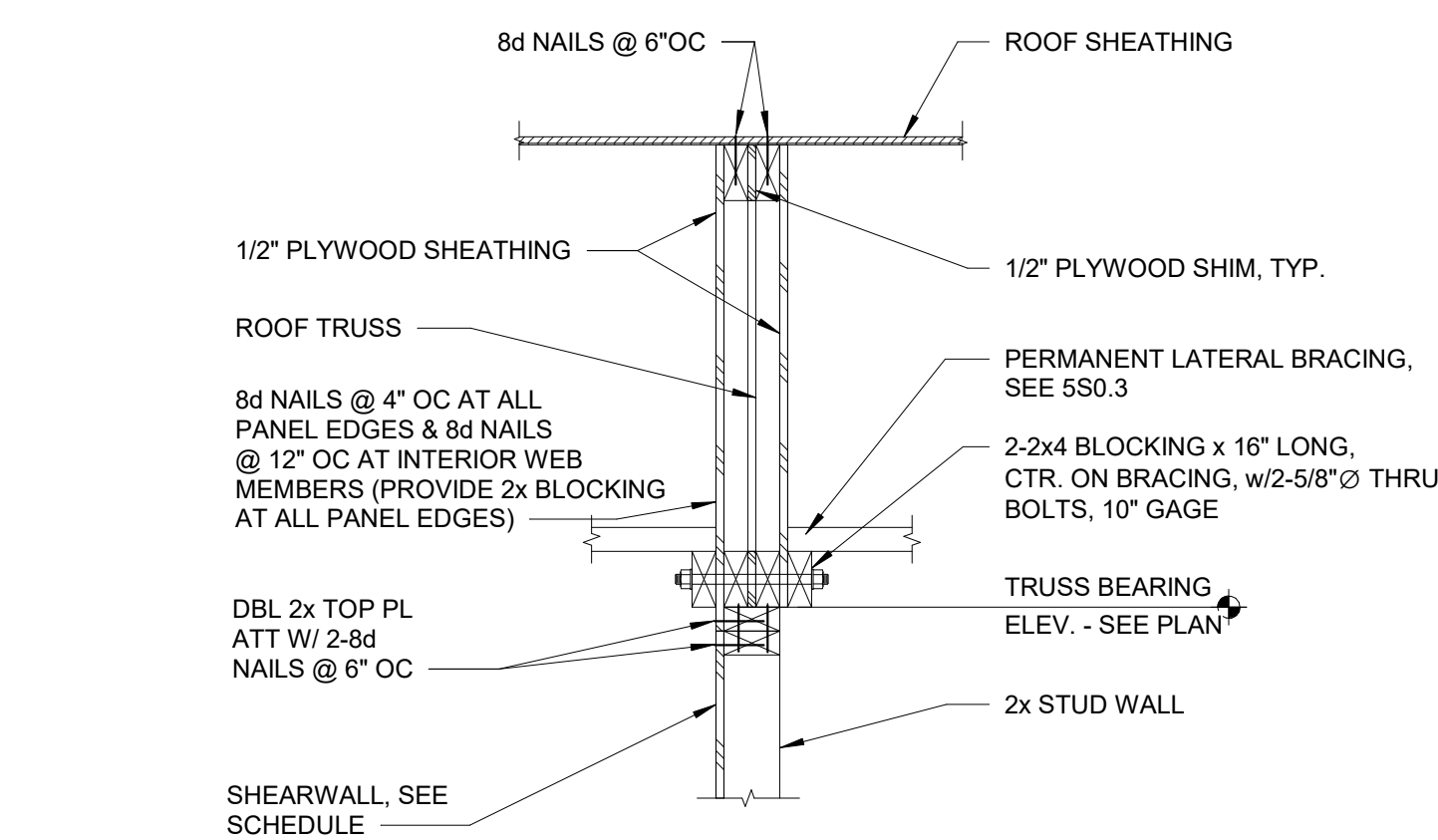
6
S4.1
1" = 1'-0"

TYP SHEARWALL PARALLEL TO FLOOR TRUSS



3
S4.1
3/4" = 1'-0"

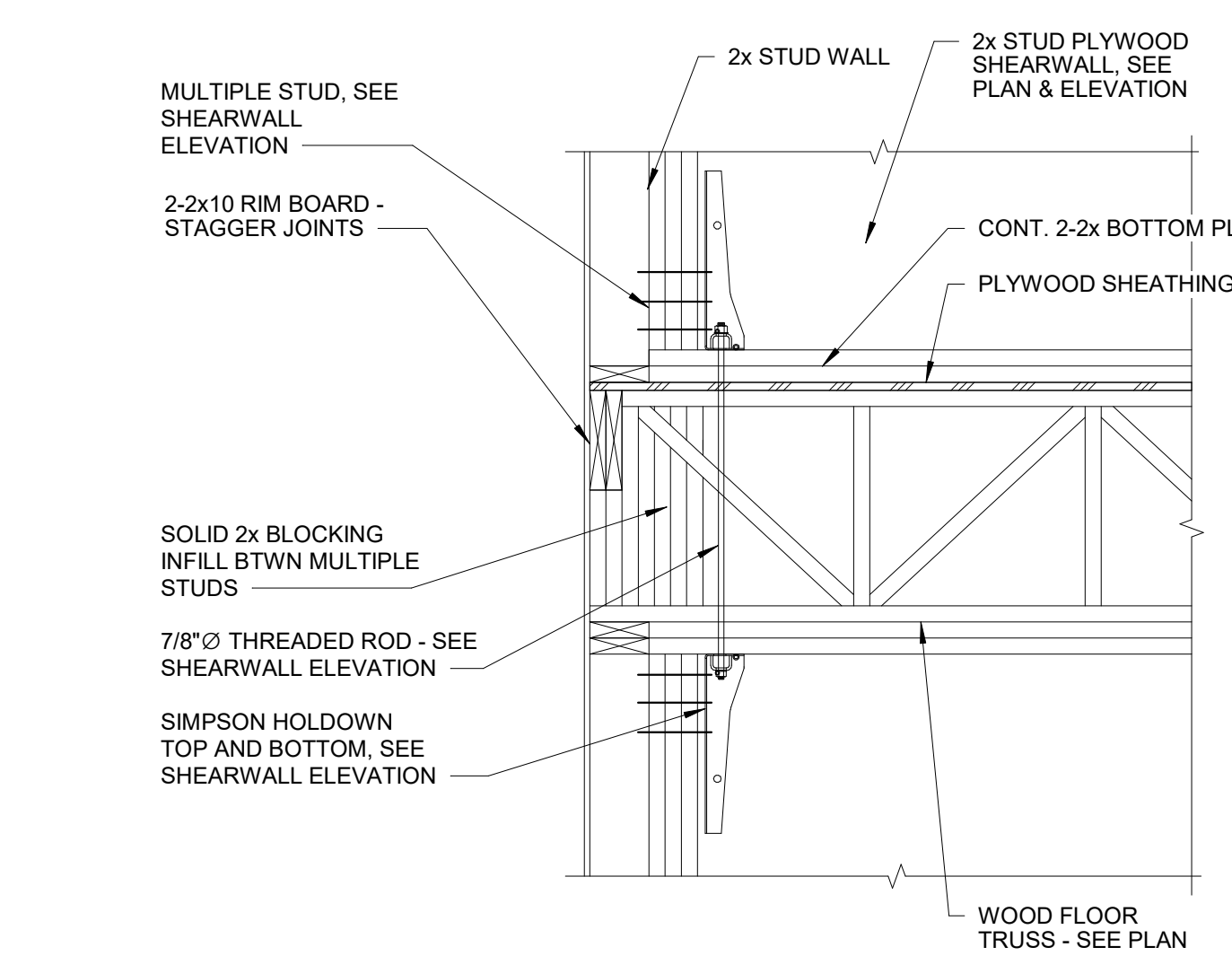
TYPICAL TOP & BOTT PLATE PENETRATION IN SHEARWALL



NOTE: AT CONTRACTOR'S OPTION, ELIMINATE TRUSS OVER SHEARWALL AND MOVE DOUBLE TOP PLATE TO BOTTOM OF SHEATHING OR A DRAG TRUSS MAY BE PROVIDED IN LIEU OF SHEATHED TRUSS. CONNECTION TO TOP PLATE BY TRUSS DESIGNER. EXTEND DRAG TRUSS FULL LENGTH OF DIAPHRAGM AND DESIGN DRAG TRUSS FOR 300 PLF (ALLOWABLE WIND).

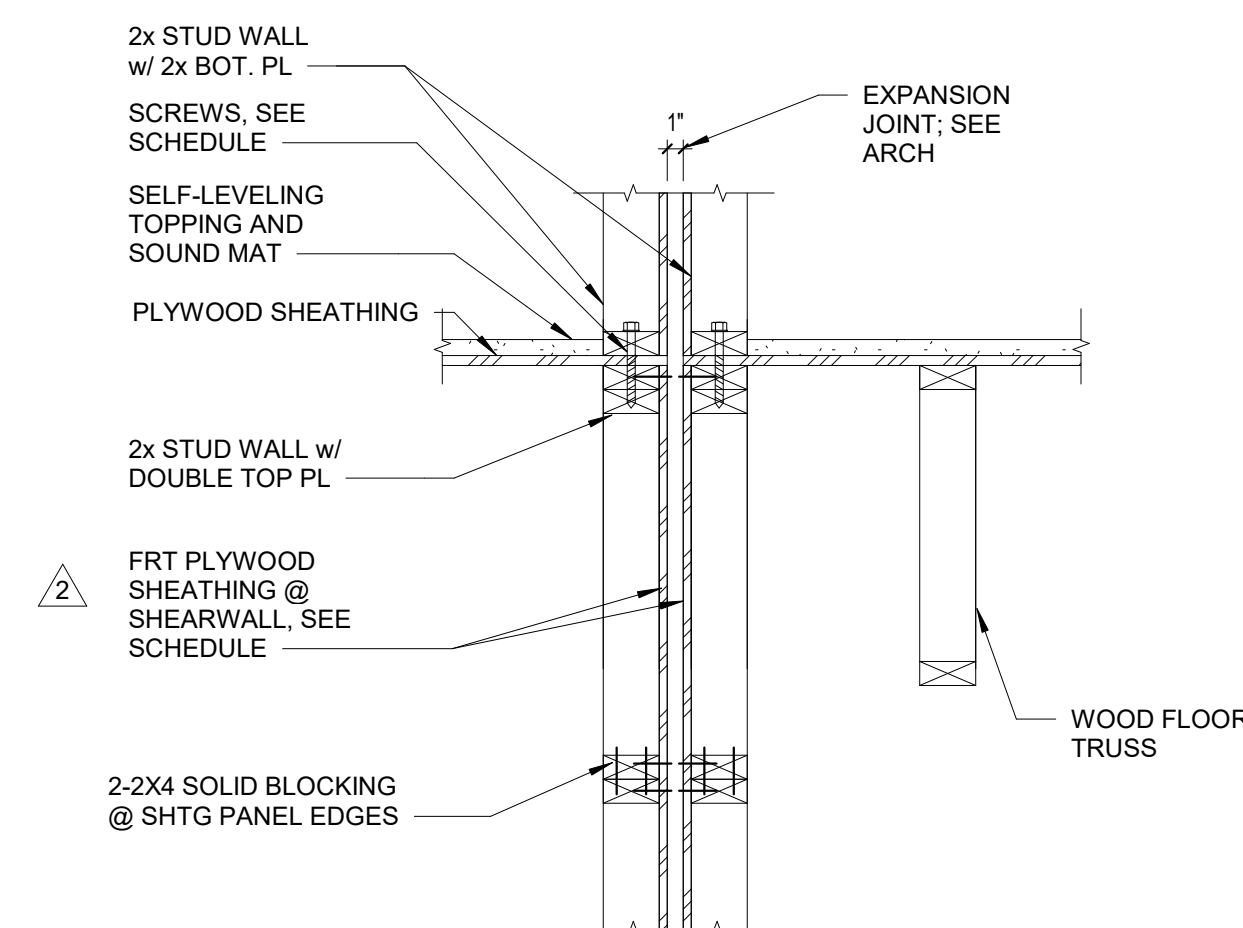
5
S4.1
1" = 1'-0"

TYP SHEARWALL PARALLEL TO ROOF TRUSS



2
S4.1
3/4" = 1'-0"

TYP HOLDOWN BETWEEN FLOORS



7
S4.1
1" = 1'-0"

TYP SHEARWALL PARALLEL TO EJ

SHEARWALL SCHEDULE					
	SW1	SW2	SW3	SW4	SW5
PLYWOOD SHEATHING ¹	3/8" 24/0 SPAN RATING	3/8" 24/0 SPAN RATING	3/8" 24/0 SPAN RATING	15/32" 32/16 SPAN RATING	15/32" 32/16 SPAN RATING
WALL TYPE	UNBLOCKED, TYPE II	TYPE I	TYPE I	TYPE II	TYPE I
NAILING AT PANEL EDGES ¹	8d @ 6" OC	8d @ 4" OC	8d @ 4" OC	10d @ 4" OC	10d @ 4" OC
ASD ALLOWABLE UNIT SHEAR CAPACITY ²	283 PLF	412 PLF	412 PLF	594 PLF	594 PLF
SILL PLATE CONNECTION @ 2ND & 3RD FLOOR ³	1/4 DIA X 6" LAG SCREW @ 16" OC	1/4 DIA X 6" LAG SCREW @ 8" OC	1/4 DIA X 6" LAG SCREW @ 8" OC	3/8 DIA X 6" LAG SCREW @ 8" OC	3/8 DIA X 6" LAG SCREW @ 8" OC
SILL PLATE CONNECTION @ 4TH FLOOR ⁴	1/4 DIA X 6" LAG SCREW @ 32" OC	1/4 DIA X 6" LAG SCREW @ 16" OC	1/4 DIA X 6" LAG SCREW @ 16" OC	1/4 DIA X 6" LAG SCREW @ 8" OC	1/4 DIA X 6" LAG SCREW @ 16" OC
ANCHOR BOLTS ⁴	1/2" DIA @ 32" OC	1/2" DIA @ 16" OC	1/2" DIA @ 16" OC	1/2" DIA @ 16" OC	1/2" DIA @ 16" OC
POST & HDU @ 1ST FLOOR ⁵	(3)-2X6	(3)-2X6 W/ HDU8	2-(3)-2X4, 12" APART, W/ HDU8	(3)-2X6 W/ HDU14	2-(3)-2X6 W/ HDU8, 12" APART
POST & HDU @ 2ND FLOOR ⁵	(3)-2X6	(3)-2X6 W/ HDU8	2-(3)-2X4, 12" APART, W/ HDU8	(3)-2X6 W/ HDU8	(3)-2X6 W/ HDU8
POST & HDU @ REMAINING FLOORS ⁵	(3)-2X6	(3)-2X6 W/ HDU8	(3)-2X4 W/ HDU8	(3)-2X6 W/ HDU8	(3)-2X6 W/ HDU8

⁰ PROVIDE FRT SHEATHING AT FIREWALLS. SEE ARCH FOR FIREWALL LOCATIONS.

¹ NAILING PATTERN INDICATES SIZE AND SPACING AT PANEL EDGES, TOP PLATE, SILL PLATE, AND RIM BOARDS. PROVIDE 12" OC SPACING AT INTERMEDIATE FRAMING. USE 8d OR 10d COMMON NAILS BASED ON SCHEDULE WITH 1 3/8" (8d) OR 1 1/2" (10d) PENETRATION IN FRAMING MEMBER OR BLOCKING.

² ALLOWABLE UNIT SHEAR CAPACITY FOR WIND. DOES NOT INCLUDE ADJUSTMENT FACTORS.

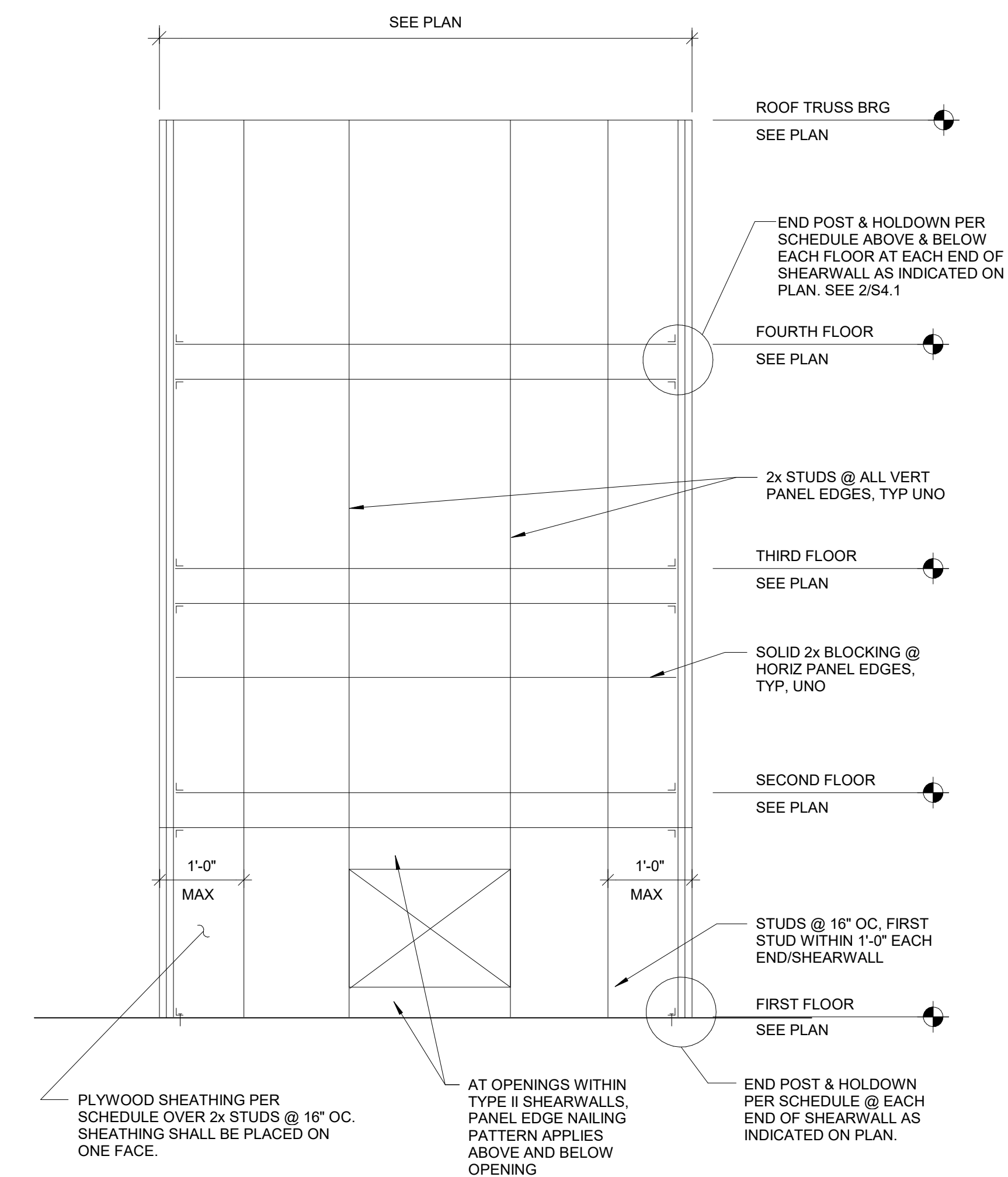
³ MAINTAIN 3/8" MINIMUM EDGE DISTANCES.

⁴ PROVIDE 7" EMBEDMENT AND PLATE WASHERS NOT LESS THAN 0.229" x 3" x 3". THE PLATE WASHER SHALL EXTEND TO WITHIN 1/2" OF THE EDGE OF THE BOTTOM PLATE ON THE SIDE WITH SHEATHING.

⁵ BASIS OF DESIGN ARE SIMPSON HDU. PROVIDE 7/8" DIA ANCHOR ROD WITH 20" EMBEDMENT AT HDU8 AND 1" DIA ANCHOR ROD WITH 22" EMBEDMENT AT HDU14.

4
S4.1
N.T.S.

SHEARWALL SCHEDULE



TYPICAL SHEARWALL ELEVATION

1
S4.1
3/16" = 1'-0"

SHEARWALL ELEVATION

CONSTRUCTION SET



PROJECT TITLE



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DRAWING TITLE
SHEARWALL DETAILS

DATE: January 5, 2024	DRAWING
COMM. NO. 23104.00	S4.1