

1 SITE PLAN - OVERALL

SCALE 1" = 30'-0"



GATE SCHEDULE

GATE #	GATE TYPE	# OF PANELS	OPENING HEIGHT	OPENING WIDTH	ELEVATION	HARDWARE GROUP	COMMENTS
G01	SWING CHAINLINK	2	12'-0"	14'-0"	16/AS511		PROVIDE DOUBLE CANE BOTH WITH (2) PADLOCKS
G02	SWING CHAINLINK	2	7'-0"	6'-0"	15/AS511		PROVIDE DOUBLE CANE BOTH WITH (2) PADLOCKS
G03	SWING CHAINLINK	1	7'-0"	4'-0"	6/AS511 SIM	GH-01	
G04	SWING CHAINLINK	1	7'-0"	3'-0"	6/AS511 SIM	GH-01	
G05	ROLLING CHAINLINK	1	14'-0"	12'-0"	8/AS511		REMOTE ELECTRONIC CONTROL
G06	SWING CHAINLINK	2	12'-0"	12'-0"	16/AS511		PROVIDE DOUBLE CANE BOTH WITH (2) PADLOCKS
G07	SWING CHAINLINK	1	7'-0"	3'-0"	6/AS511	GH-01	
G08	SWING CHAINLINK	1	4'-0"	4'-0"	2/AS511 SIM		PROVIDE FORK LATCH

LOT #	PARKING SUMMARY	
LOT 1	STANDARD PARKING STALLS	22
	STANDARD ACCESSIBLE STALLS	4
	VAN ACCESSIBLE STALLS	1
	LOT ENTRY SIGNAGE	1
LOT 2	STANDARD PARKING STALLS	12
	STANDARD ACCESSIBLE STALLS	0
	VAN ACCESSIBLE STALLS	0
	LOT ENTRY SIGNAGE	0
LOT 3	STANDARD PARKING STALLS	27
	STANDARD ACCESSIBLE STALLS	0
	VAN ACCESSIBLE STALLS	0
	LOT ENTRY SIGNAGE	0
SUMMARY	TOTAL PARKING SPACES	74
	ACCESSIBLE SPACES REQUIRED PER TABLE 11B-208.2	3
	ACCESSIBLE SPACES PROVIDED	5
	NOTE: ALL ACCESSIBLE PARKING SPACES ARE PROVIDED IN LOT 1 AS ALLOWED PER CBC 11B-208.3, EXCEPTION #2	

LEGEND

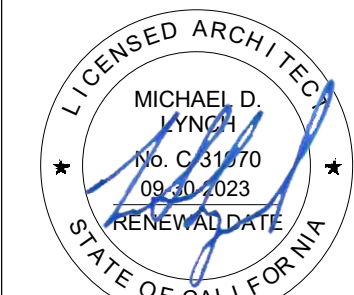
	(E) BUILDING, NOT IN SCOPE OF WORK
	(E) BUILDING OR PORTION OF BUILDING BEING REMODELED
	CHAIN LINK FENCE, SEE PLAN FOR FENCE TYPE
	(E) CHAIN LINK FENCE
	AC PAVING
	CONCRETE WALK/FLATWORK
	ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLANS IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAX SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX, AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MIN AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTING FROM WALL AND ABOVE 27" AND LESS THAN 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
	STAFF RESTROOM - ACCESSIBLE
	PUBLIC RESTROOM - ACCESSIBLE
	INMATE RESTROOM - ACCESSIBLE
	STAFF RESTROOM
	PUBLIC RESTROOM
	HI-LO DRINKING FOUNTAIN
	(N) OR (E) CURB TO BE PAINTED RED WITH "NO PARKING FIRE LANE" AT 30'-0" MAX INTERVALS



CGL COMPANIES
2260 DEL PASO RD, SUITE 100
SACRAMENTO, CA 95834

CONSULTANT

LICENSED PROFESSIONAL



CONSTRUCTION DOCUMENTS

PROJECT

SANTA CRUZ JUVENILE HALL RENOVATION AND UPGRADES

3650 GRAHAM HILL ROAD
FELTON, CA 95018

CLIENT

SANTA CRUZ COUNTY PROBATION DEPARTMENT
P.O. BOX 1812
SANTA CRUZ, CA 95061

KEY PLAN

OVERALL SITE PLAN

PROJECT NUMBER 40366

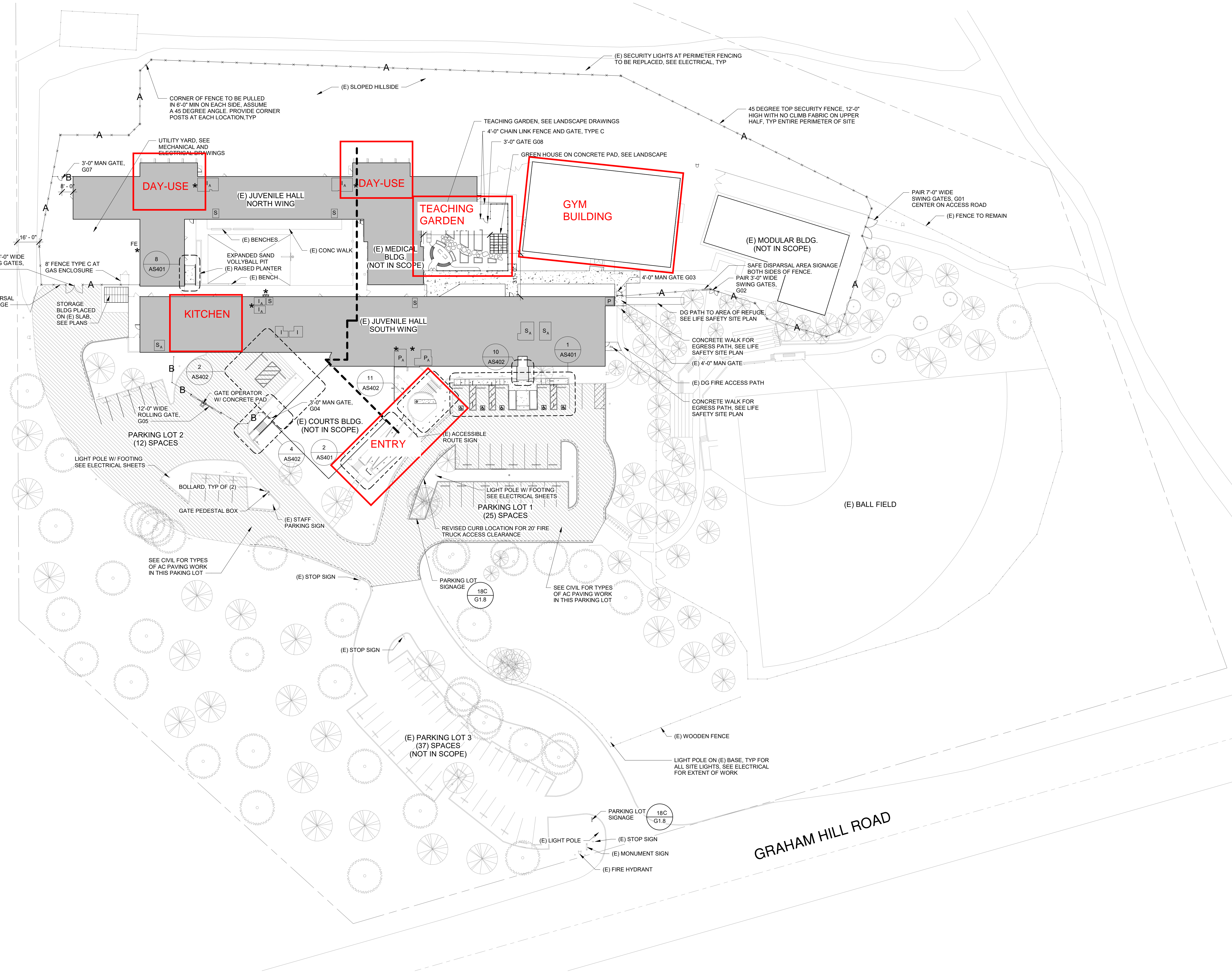
DATE September 30, 2022

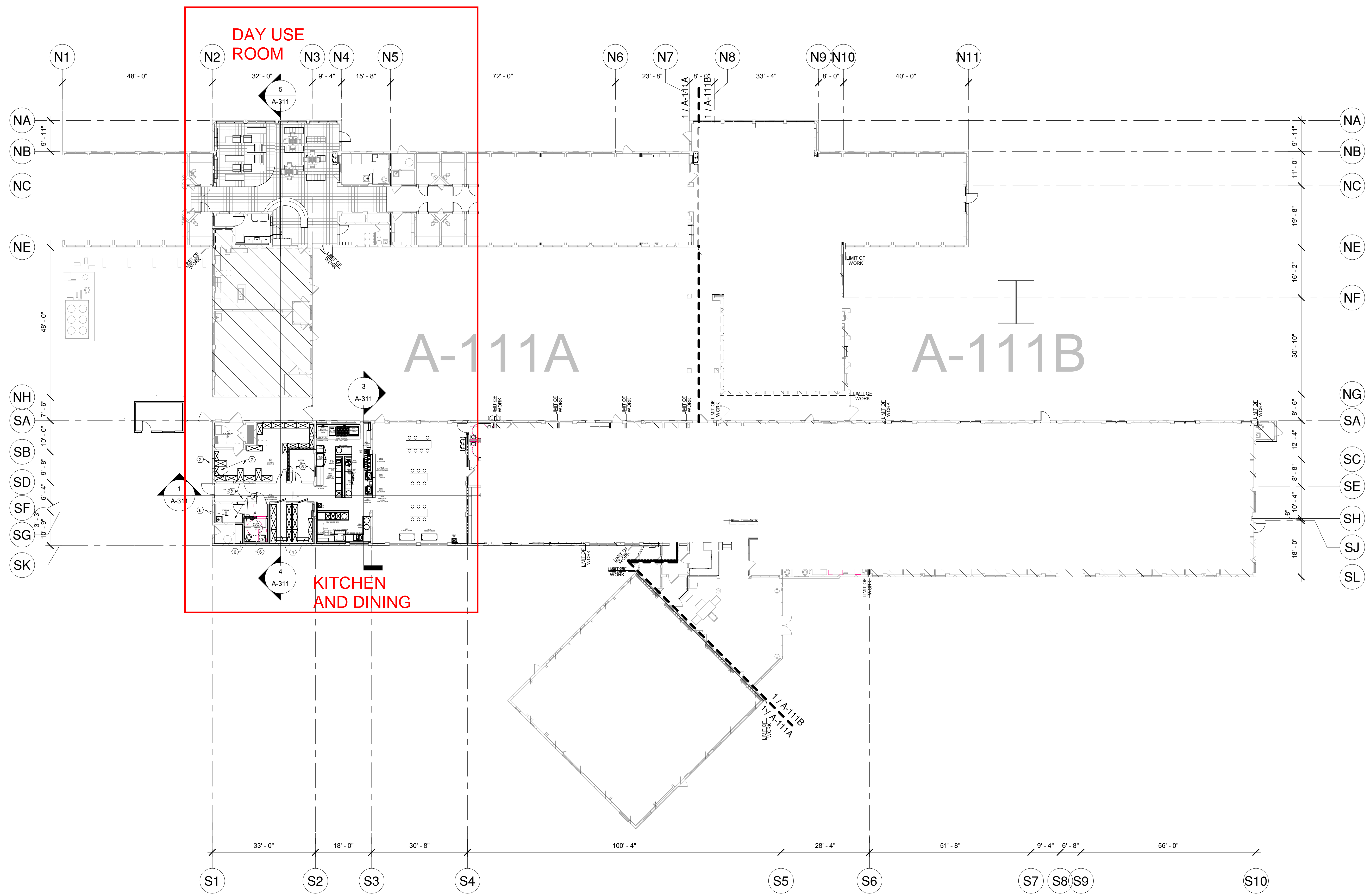
Addendum 1

AS100

SCALE: As indicated

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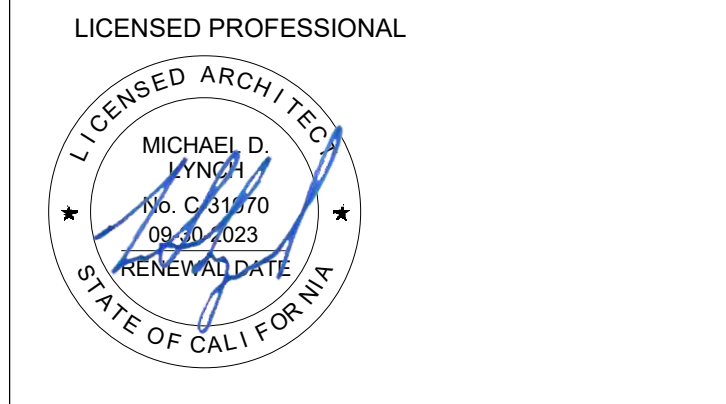
FLOOR PLAN LEGEND

	(E) STUD WALL
	(E) CMU WALL
	(E) CONCRETE WALL
	(E) DOOR & FRAME
	METAL STUD WALL
	METAL STUD WALL WITH SOUND INSULATION
	CMU WALL
	(E) 1 HOUR WALL
	(E) 1 HOUR SMOKE WALL
	1 HOUR WALL
	(E) 2 HOUR WALL
	(E) 3 HOUR WALL
	(E) 4 HOUR WALL
	DOOR AND FRAME IN (N) OR (E) WALL
	WINDOW IN (N) OR (E) WALL
	(E) STUD WALL WINFILL TO MATCH ADJACENT CONSTRUCTION AND FINISHES
	(E) CMU WALL WINFILL TO MATCH ADJACENT DEPTH AND FINISH
	WALL TYPE, SEE SHEET A-531
	ACCESSORY/EQUIPMENT TAG, SEE SHEET A-411 FOR SCHEDULE



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CONSTRUCTION DOCUMENTS

PROJECT

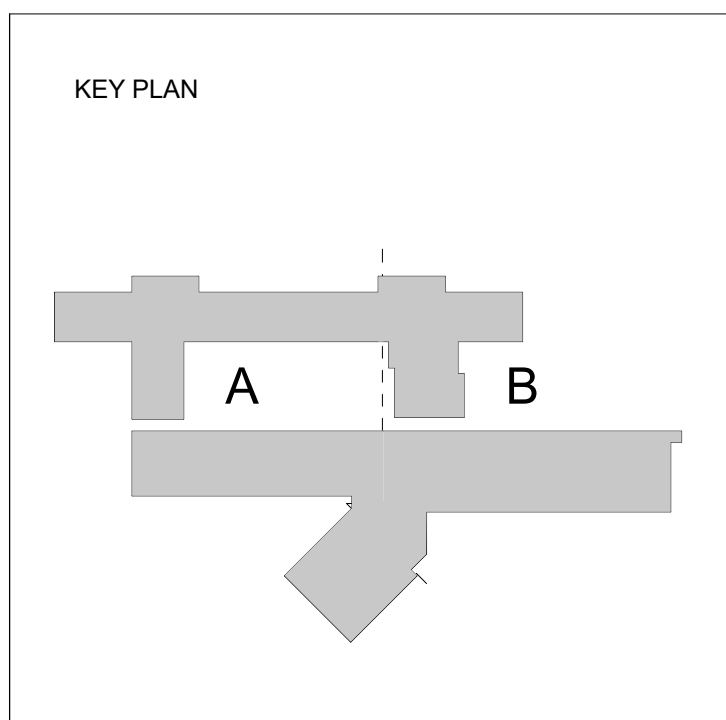
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CLIENT

SANTA CRUZ COUNTY PROBATION DEPARTMENT

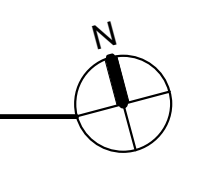
P.O. BOX 1812
SANTA CRUZ, CA 95061



OVERALL FLOOR PLAN

PROJECT NUMBER	40366
DATE	September 30, 2022
	Addendum 1
A-111	
SCALE:	As indicated

1 FLOOR PLAN - OVERALL
SCALE 1/16" = 1'-0"



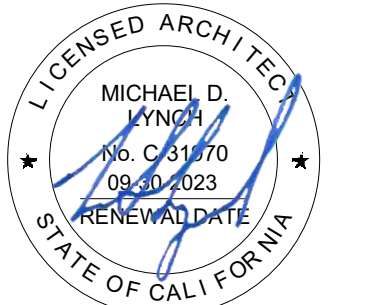
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CONSTRUCTION DOCUMENTS

PROJECT

SANTA CRUZ JUVENILE HALL RENOVATION AND UPGRADES

3650 GRAHAM HILL ROAD
FELTON, CA 95018

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SANTA CRUZ COUNTY PROBATION DEPARTMENT
P.O. BOX 1812
SANTA CRUZ, CA 95061

KEY PLAN

SECTIONS - BUILDING

PROJECT NUMBER 40366
DATE September 30, 2022

Addendum 1

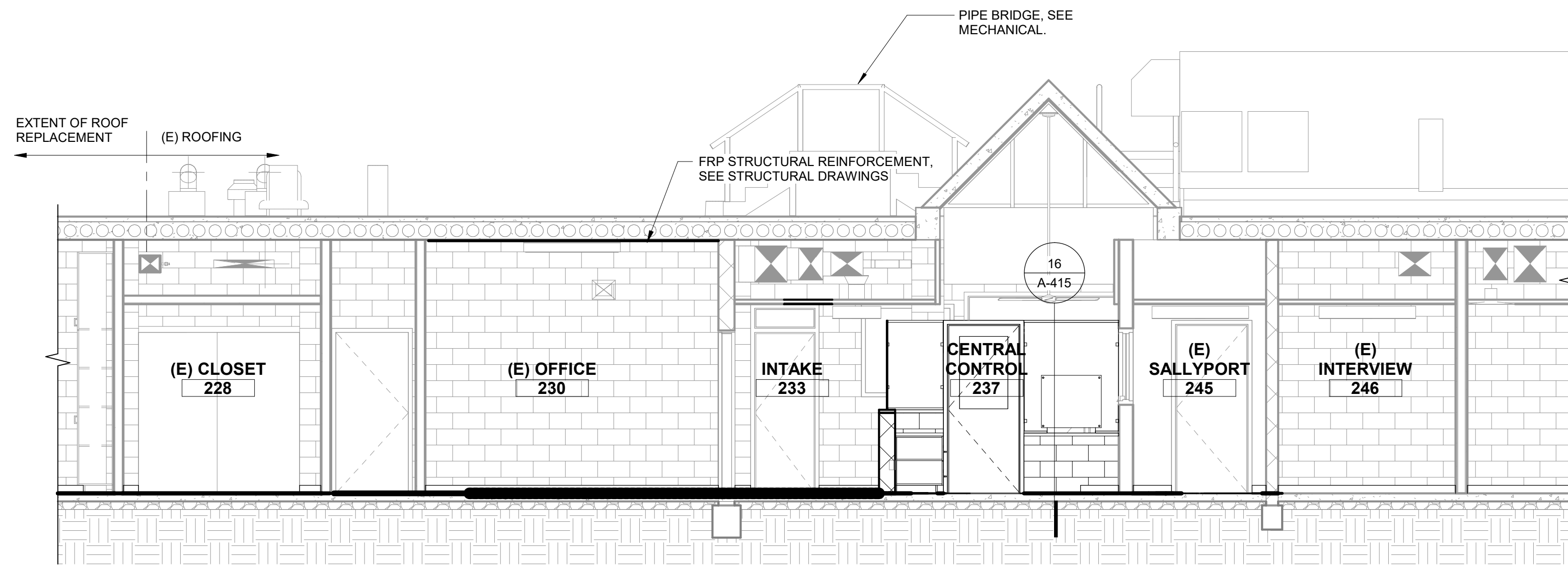
A-311

SCALE: 1/4" = 1'-0"

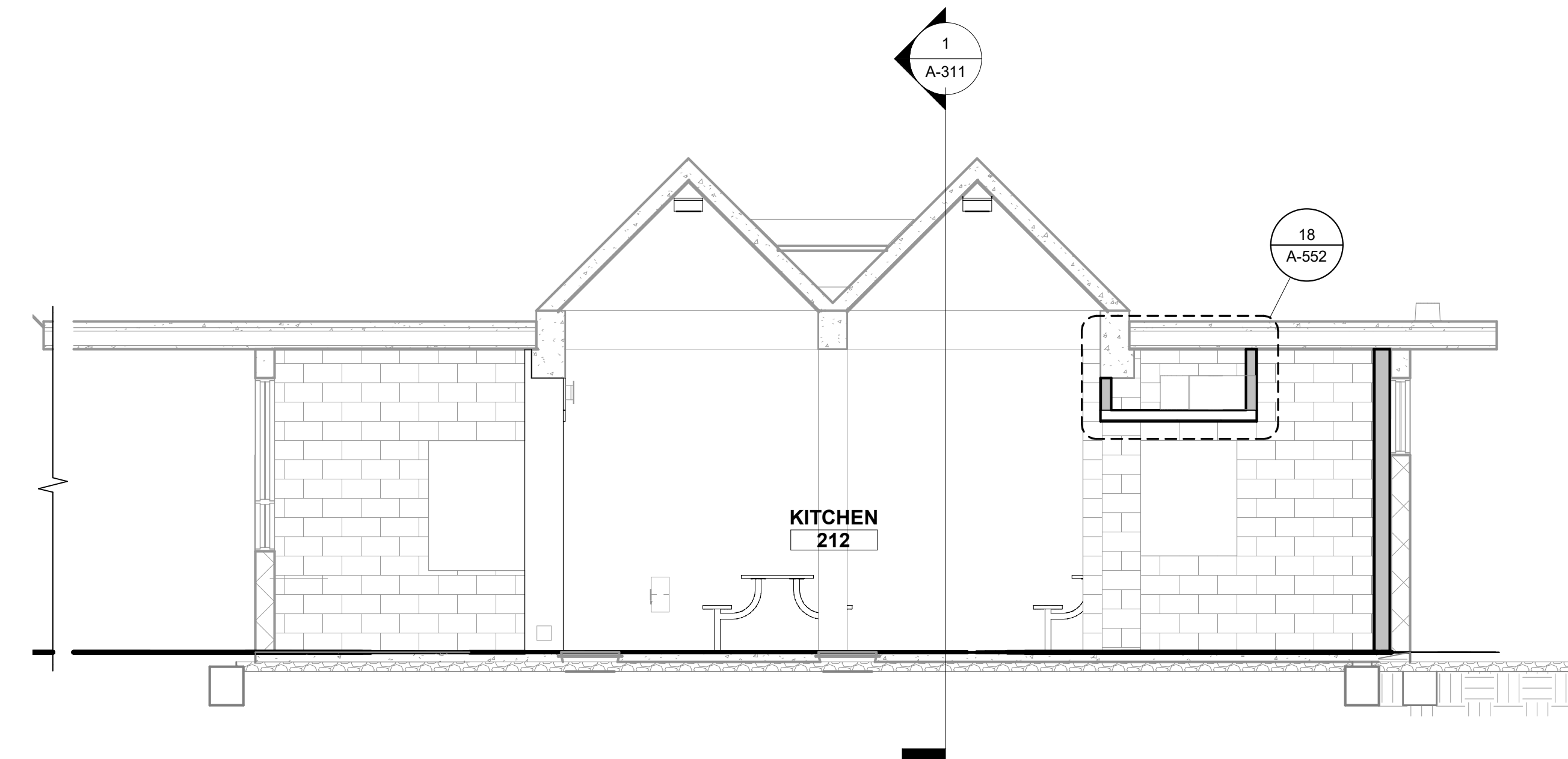
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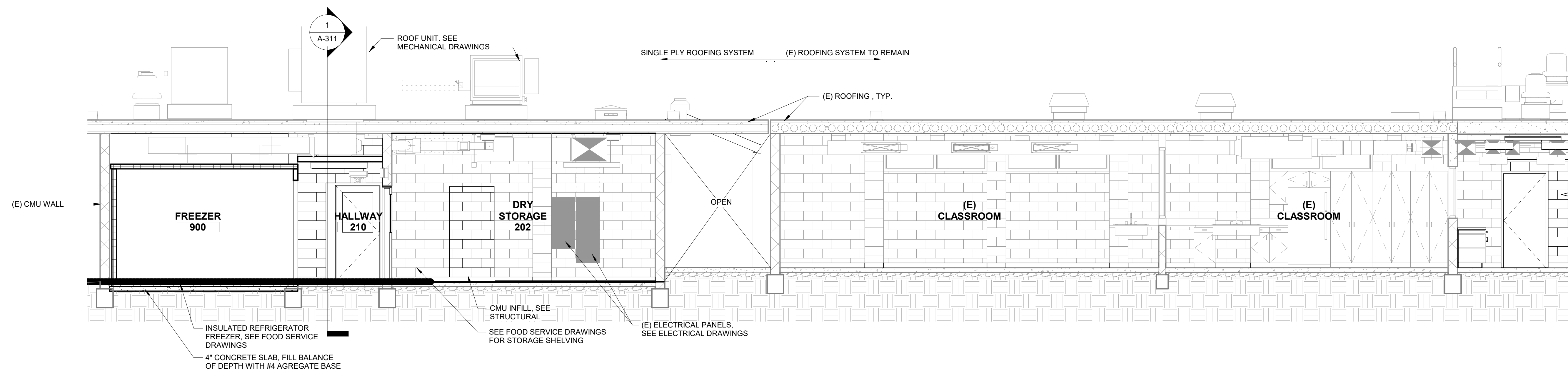
1 BUILDING SECTION - KITCHEN / DINING / CENTRAL CONTROL
SCALE 1/4" = 1'-0"



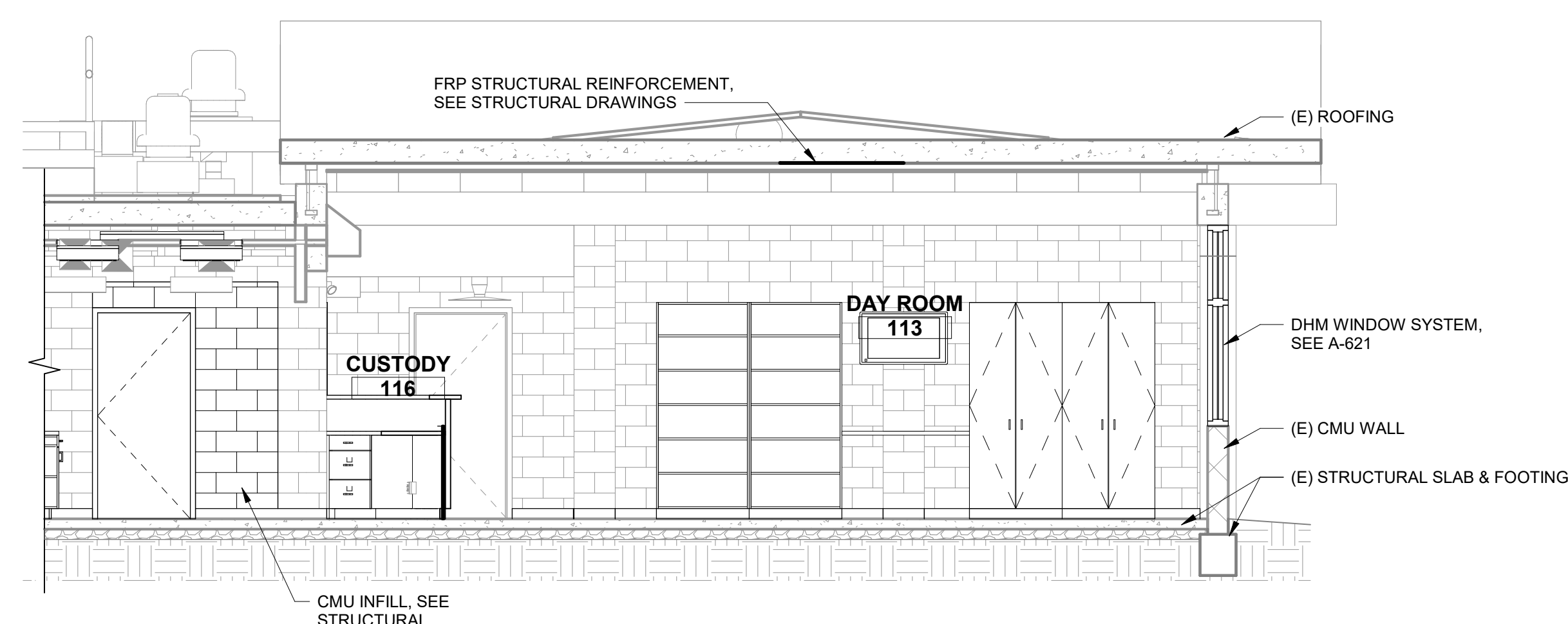
2 BUILDING SECTION - KITCHEN / DINING / CENTRAL CONTROL CONT
SCALE 1/4" = 1'-0"



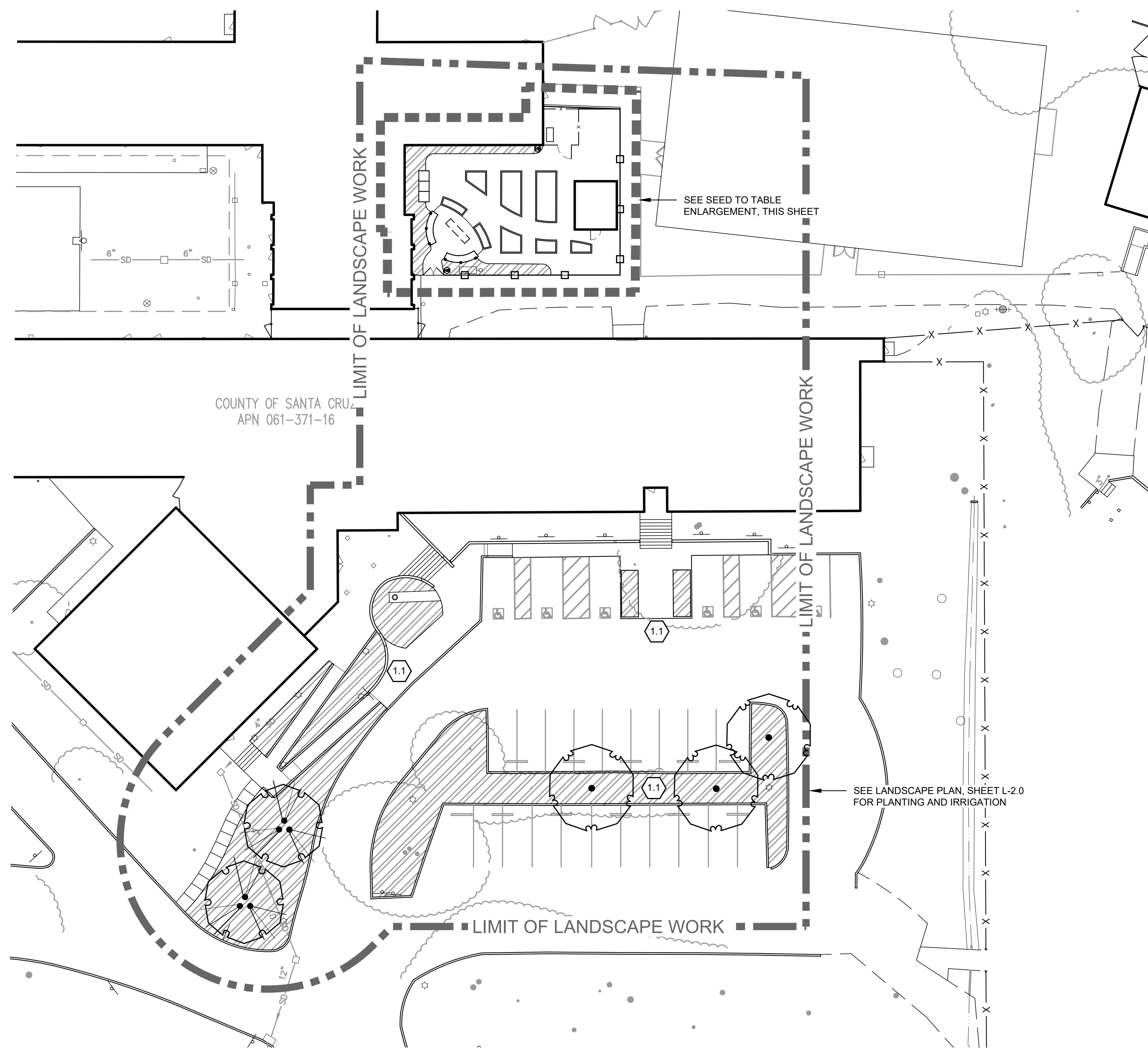
3 BUILDING SECTION - KITCHEN
SCALE 1/4" = 1'-0"



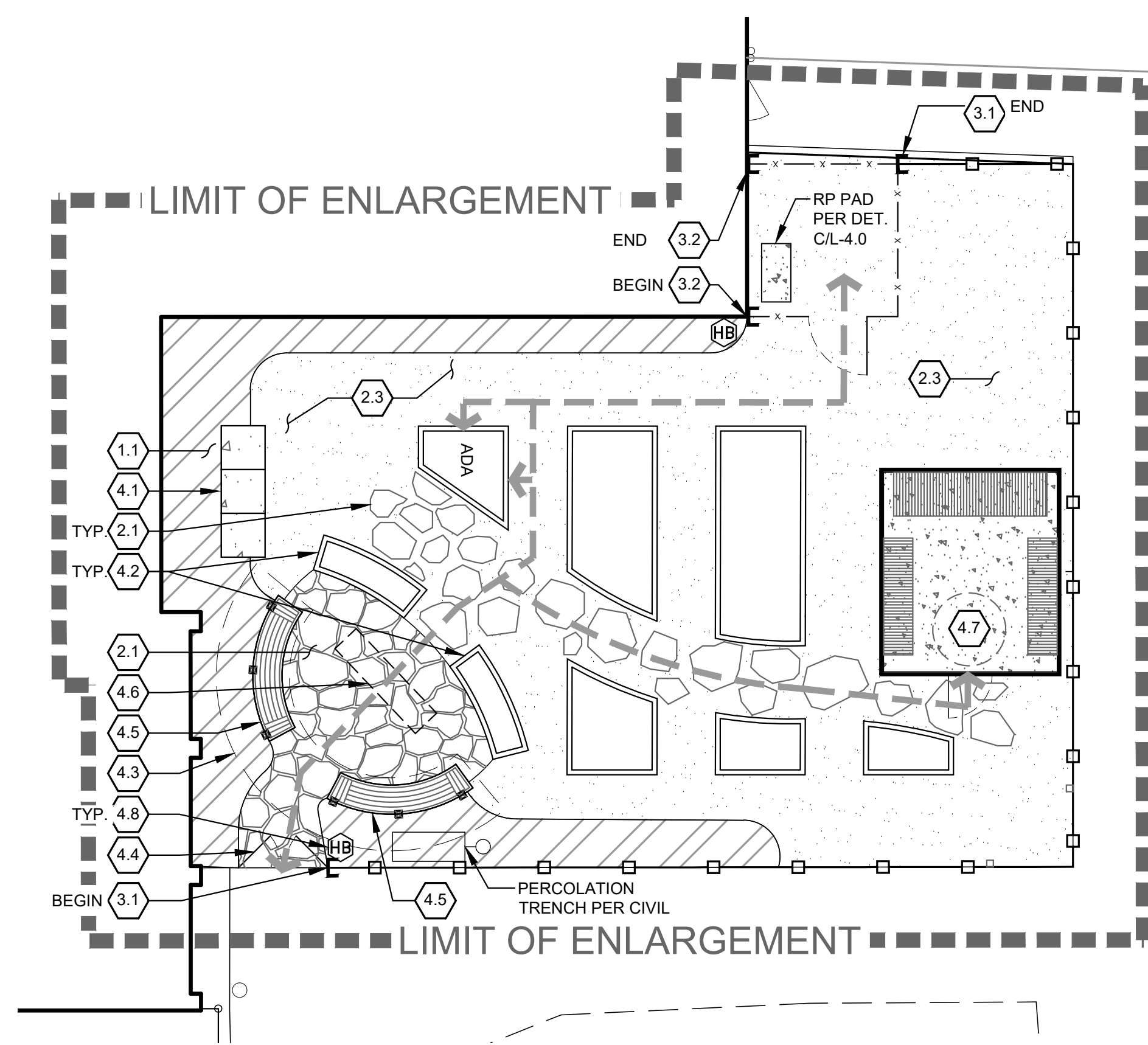
4 BUILDING SECTION - KITCHEN / CLASSROOMS / DAYROOM
SCALE 1/4" = 1'-0"



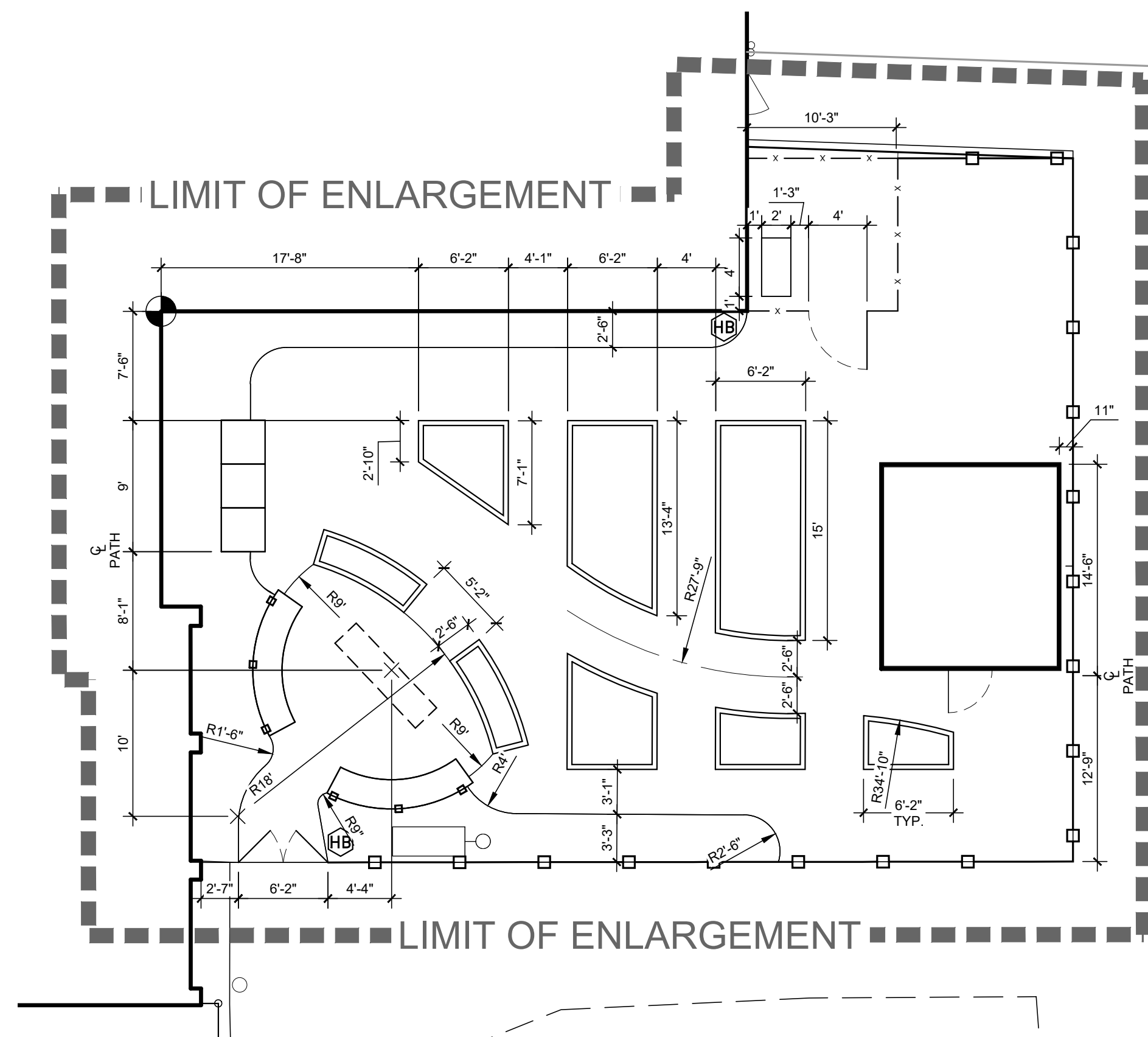
5 BUILDING SECTION - KITCHEN / CLASSROOMS / DAYROOM CONT
SCALE 1/4" = 1'-0"



LANDSCAPE SITE PLAN
SCALE: 1" = 20'-0"



SEED TO TABLE SITE PLAN
SCALE: 1/8" = 1'-0"



SEED TO TABLE LAYOUT PLAN
SCALE: 1/8" = 1'-0"

ACCESSIBILITY LEGEND

PROPOSED ACCESSIBLE PATH OF TRAVEL
AS INDICATED ON PLAN, A BARRIER-FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAX SLOPE OR VERTICAL CHANGES NOT EXCEEDING 1/4" MAX AND AT LEAST 48" IN WIDTH SURFACE IS STABLE, FIRM AND SLIP RESISTANT AND CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5%. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND FREE OF PROTRUDING OBJECTS GREATER THAN 4" FROM A WALL ABOVE 27" AND BELOW 80".

GENERAL ABBREVIATIONS

ABBREV.	DESCRIPTION
(E)	EXISTING
CMU	CONCRETE MASONRY UNIT
DET	DETAIL
MAX	MAXIMUM
PC	PORTLAND CEMENT
RP	REDUCED PRESSURE ZONE ASSEMBLY
TYP	TYPICAL

SITE LEGEND

SYMBOL	DESCRIPTION
[Hatched Box]	PLANTING AREA PER LANDSCAPE PLAN (+/- 4,455 SF)
[Stippled Box]	DECOMPOSED GRANITE SURFACING (+/- 1,650 SF)
[Flagstone Pattern]	FLAGSTONE PAVING (+/- 315 SF)
[Circle with HB]	HOSE BIB
[Circle with X]	DETAIL REFERENCE SHEET REFERENCE
[Circle with E]	(E) TREE
[X-X Line]	FENCING PER ARCHITECTURAL PLANS
[Square with X]	PRECAST SPLIT RAIL FENCING PER [3.1]
[Dashed Line]	LIMIT OF LANDSCAPE WORK
[Thick Dashed Line]	LIMIT OF ENLARGEMENT
[Square with X]	BEGIN OR END SITE ELEMENT

LAYOUT LEGEND

SYMBOL	DESCRIPTION
[Circle with dot]	POINT OF BEGINNING
[Line with dimension]	LINEAR DIMENSION
[Line with R dimension]	RADIAL DIMENSION
[Circle with arrow]	ALIGN OBJECTS
[Line]	CENTER LINE

SITE SCHEDULE

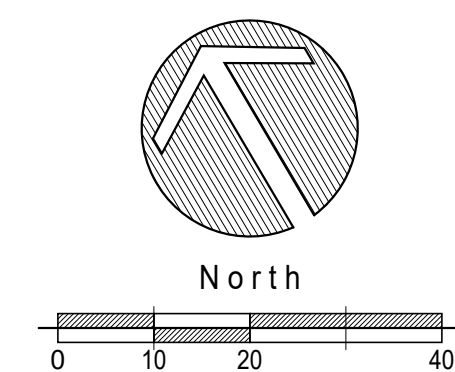
- 1.0 SITE**
- [1.1] PLANTING AREA. SEE LANDSCAPE PLAN, SHEET L-2.0
- 2.0 FLAT WORK**
- [2.1] FLAGSTONE ON CONCRETE SUBSLAB TO BE +/- 2" THICK CAMERON DARK FLAGSTONE. SUB-SLAB TO BE STANDARD PC CONCRETE PER DETAIL. NO COLOR
 - [2.2] NOT USED
 - [2.3] 'DECOMPOSED GRANITE' WITH HEADERBOARD TO BE STABILIZED CALIFORNIA GOLD PATH FINES WITH GRANITECTRE ADMIXTURE. COLOR TO BE NATURAL. HEADER TO BE REDWOOD.
- 3.0 FENCING**
- [3.1] 'PRECAST SPLIT RAIL FENCING' TO BE 2 RAIL WOODCRETE RAIL FENCE. COLOR TO BE 'SANDSTONE' BY ARTISAN PRECAST. INSTALL PER DETAIL AND MANUFACTURER'S SPECIFICATIONS.
 - [3.2] 'CHAIN LINK FENCE & GATE' TO BE 4' HIGH. SEE ARCHITECTURAL PLANS BY FOR ADDITIONAL INFORMATION.
- 4.0 SITE FURNISHINGS**
- [4.1] '3-STAGE COMPOSTING BINS' TO BE CEDAR COMPOSTER (MODEL RCOMP38) WITH (2) CEDAR WOOD COMPOSTER ADD-ON KITS (MODEL RCOMP36ADK) BY GREENES FENCE COMPANY. MAX HEIGHT OF BIN TO BE 32". PLACE ON 4" CONCRETE PAD, SIM. TO DET. AVL-3.0
 - [4.2] 'RAISED WOOD PLANTER' TO BE S4S CON-HEART REDWOOD PER DETAIL. FILL PLANTER WITH TOP SOIL AND AMENDMENTS.
 - [4.3] 'WOOD TRELLIS' TO BE S4S CON-HEART REDWOOD PER DETAIL. STAIN TO BE PENOFIN BLUE LABEL OIL FINISH OR APPROVED EQUAL. APPLY (2) COATS PER MANUFACTURER'S RECOMMENDATIONS.
 - [4.4] 'WOOD GATE' TO BE S4S CON-HEART REDWOOD PER DETAIL. STAIN TO MATCH WOOD TRELLIS.
 - [4.5] 'WOOD BENCHES' TO BE S4S CON-HEART REDWOOD PER DETAIL. STAIN TO MATCH WOOD TRELLIS.
 - [4.6] 'MOVABLE TEACHING TABLE' TO BE S4S CON-HEART REDWOOD PER DETAIL. STAIN TO MATCH WOOD TRELLIS.
 - [4.7] 'PREFAB GREENHOUSE KIT' TO BE 'TR SERIES' BY GOTHIC ARCH GREENHOUSES. SIZE TO BE APPROXIMATELY 12'-0" BY 14'-0". CONTACT GOTHIC ARCH GREENHOUSES (800-531-4769; REFERENCE #GAG CA 95018 FOR SPECIFIC MODEL. REFER TO SHEETS A-115 - A-117 FOR ADDITIONAL INFORMATION. PROVIDE CONCRETE PAD PER MANUFACTURER'S INSTRUCTIONS AND SIM. TO DETAIL 2/C5.0
 - [4.8] 'HOSE BIB' TO BE 3/4" GALVANIZED STEEL PIPE MOUNTED TO 4 X 4 REDWOOD POST PER DETAIL.

SITE PLAN NOTES

- ALL REINFORCING AND FORMS SHALL BE SECURED IN PLACE AND INSPECTED BY OWNERS REPRESENTATIVE PRIOR TO PLACING ANY CONCRETE. CONCRETE FINISHES SHALL BE PER SPECIFICATIONS UNLESS OTHERWISE NOTED ON PLANS.

LAYOUT NOTES

- THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITY AND ELEMENTS INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNERS REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE AND RE-DIRECT WORK TO AVOID DELAY.
- THE INTERFACE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM AND BE SMOOTH AND UNIFORM. CONTRACTOR SHALL NOTIFY OWNERS REPRESENTATIVE IMMEDIATELY IF DISCREPANCY IS SUSPECTED AND RE-DIRECT APPLICABLE WORK TO AVOID DELAY.
- AFTER ALL FORMS, REINFORCING, DOBIES AND JOINT MATERIALS ARE SECURED IN PLACE, CONTRACTOR SHALL OBTAIN REVIEW AND ACCEPTANCE BY THE OWNERS REPRESENTATIVE PRIOR TO POURING CONCRETE. CONTRACTOR SHALL GIVE A MINIMUM 2 WORKING DAY NOTICE WHEN REQUESTING REVIEW. CONTRACTOR MAY BE BACK-CHARGED FOR COST OF REVIEW IF SITE IS FOUND NOT PREPARED AS SPECIFIED.



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MICHAEL D. [Signature]
No. 2805
Exp. 1-31-24
STATE OF CALIFORNIA
STEPHEN ROBERT SUNSHINE
No. 2805
Exp. 1-31-24
STATE OF CALIFORNIA

CONSTRUCTION DOCUMENTS

PROJECT
SANTA CRUZ JUVENILE HALL RENOVATION AND UPGRADES
3650 GRAHAM HILL ROAD
FELTON, CA 95018

CLIENT
SANTA CRUZ COUNTY PROBATION DEPARTMENT
P.O. BOX 1812
SANTA CRUZ, CA 95061

KEY PLAN

LANDSCAPE SITE PLAN

PROJECT NUMBER 170022.00
DATE April 17, 2023

Addendum 1

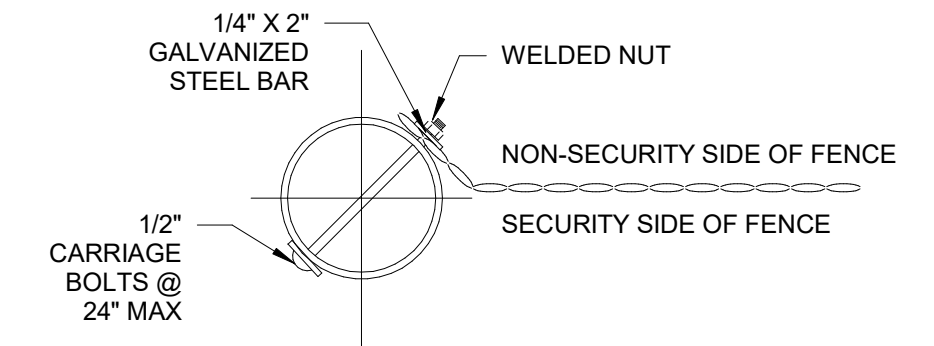
L-1.0

SCALE: AS SHOWN

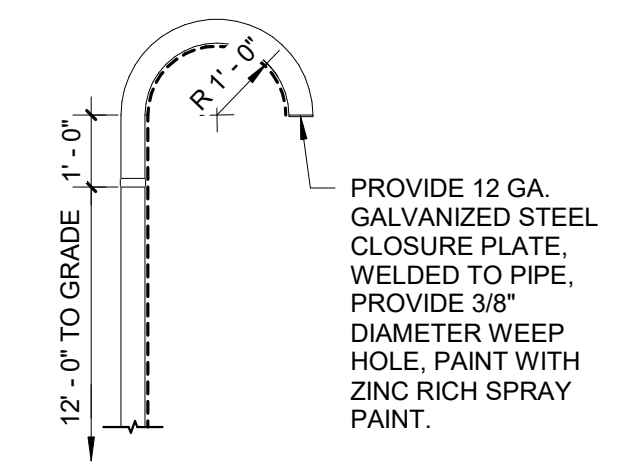
REV. NO.	DATE	DESCRIPTION
3	11/30/2023	REVISION 3
4	01/11/2024	REVISION 4

REVISION SCHEDULE
 Addendum 1

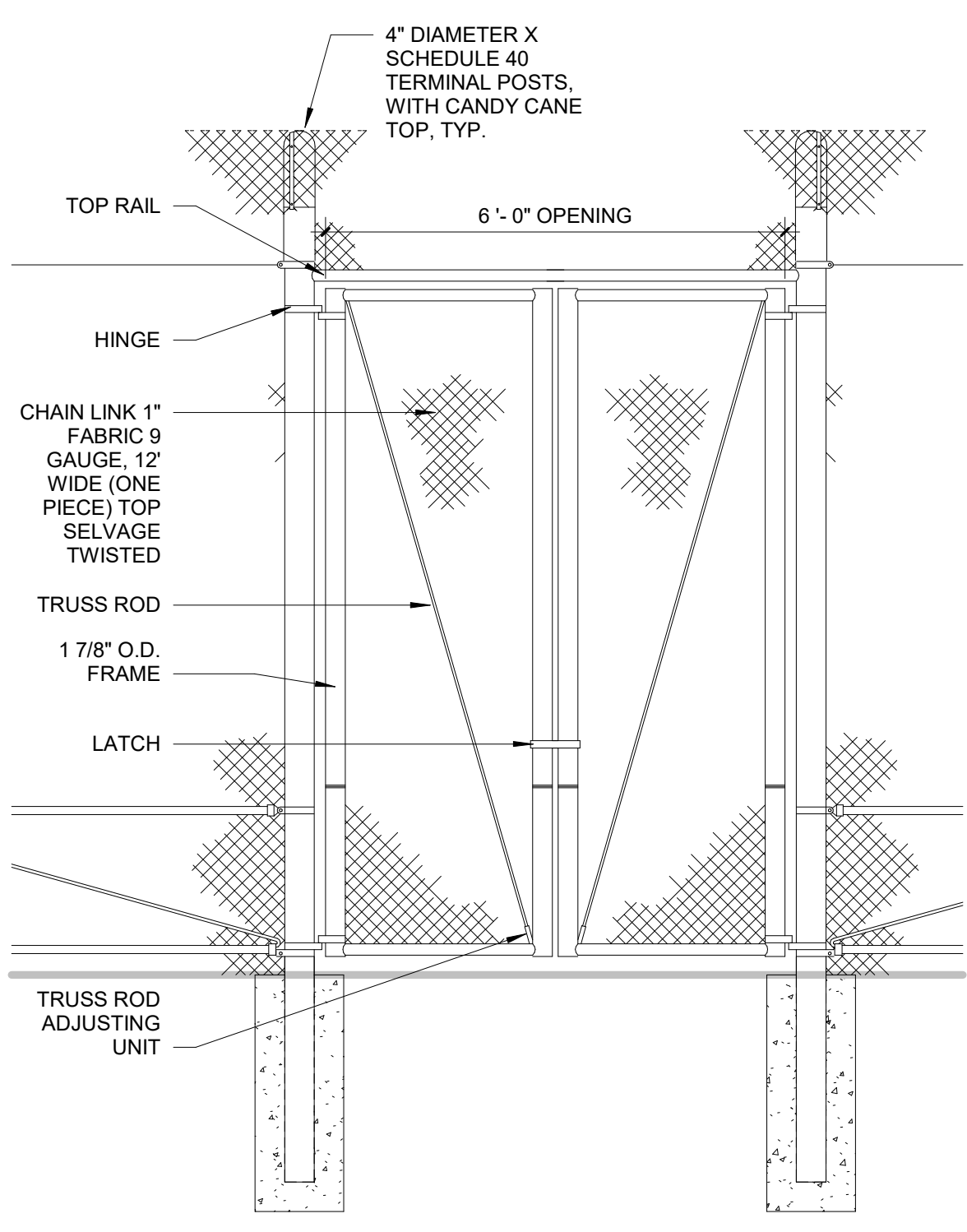
NOTES
 1. WELD ALL CONNECTORS, NUTS, BOLTS, CAPS, RODS, HOG RINGS, TENSION WIRE ENDS, ETC. FOR SECURITY TO SATISFACTION OF ARCHITECT. TOUCH UP ALL WELDS WITH ARCHITECT APPROVED ZINC RICH SPRAY PAINT.
 2. ALL COMPONENTS OF FENCE SHALL BE HOT DIPPED GALVANIZED (G-90)



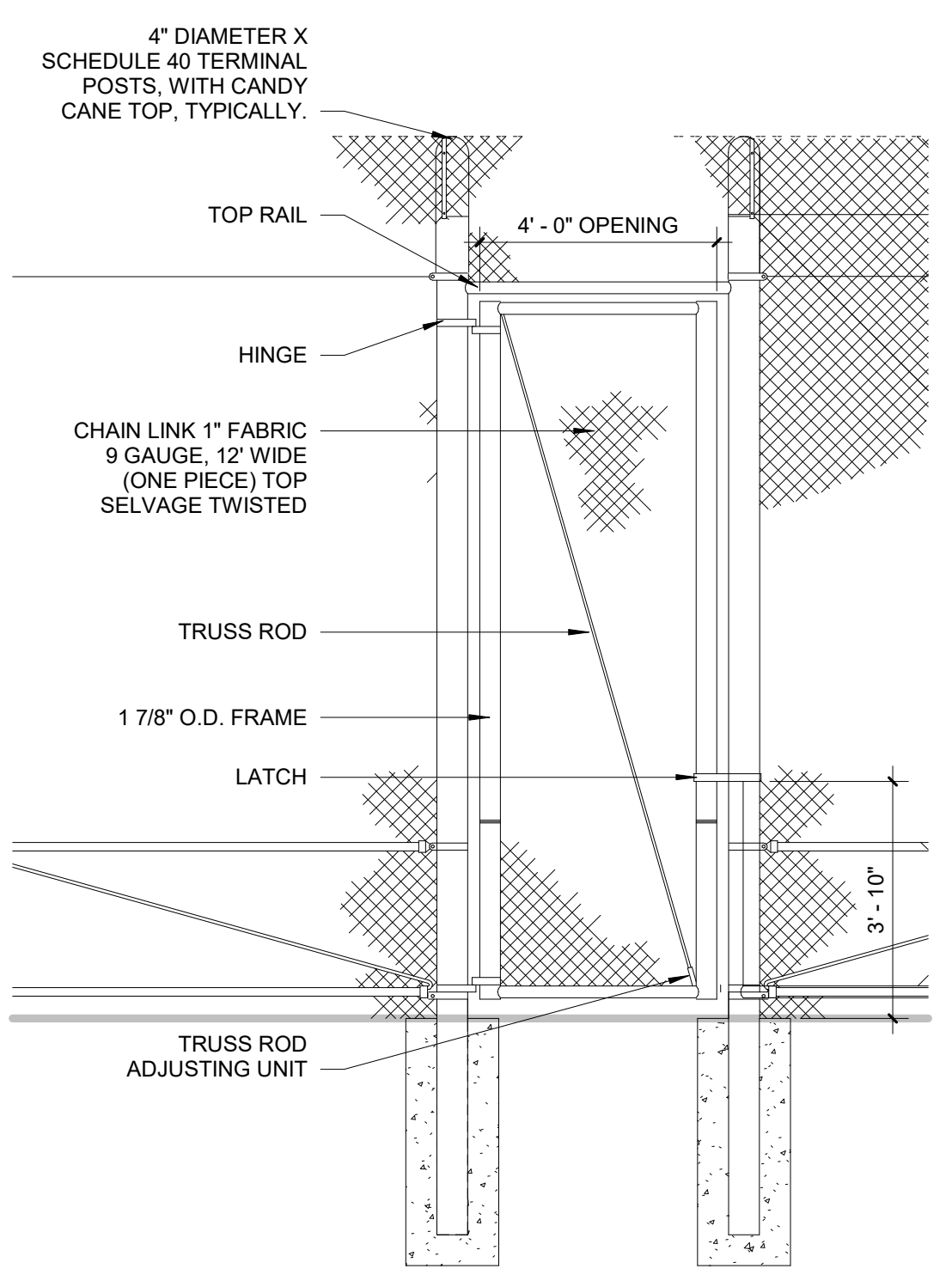
**SECTION A
TYPICAL TERMINAL POST**



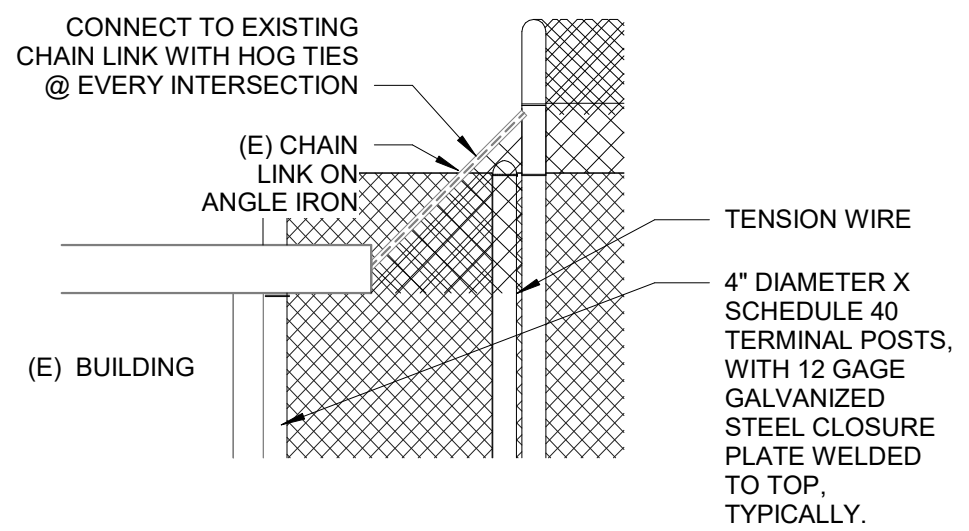
**SECTION B
CANDY CANE TOP**



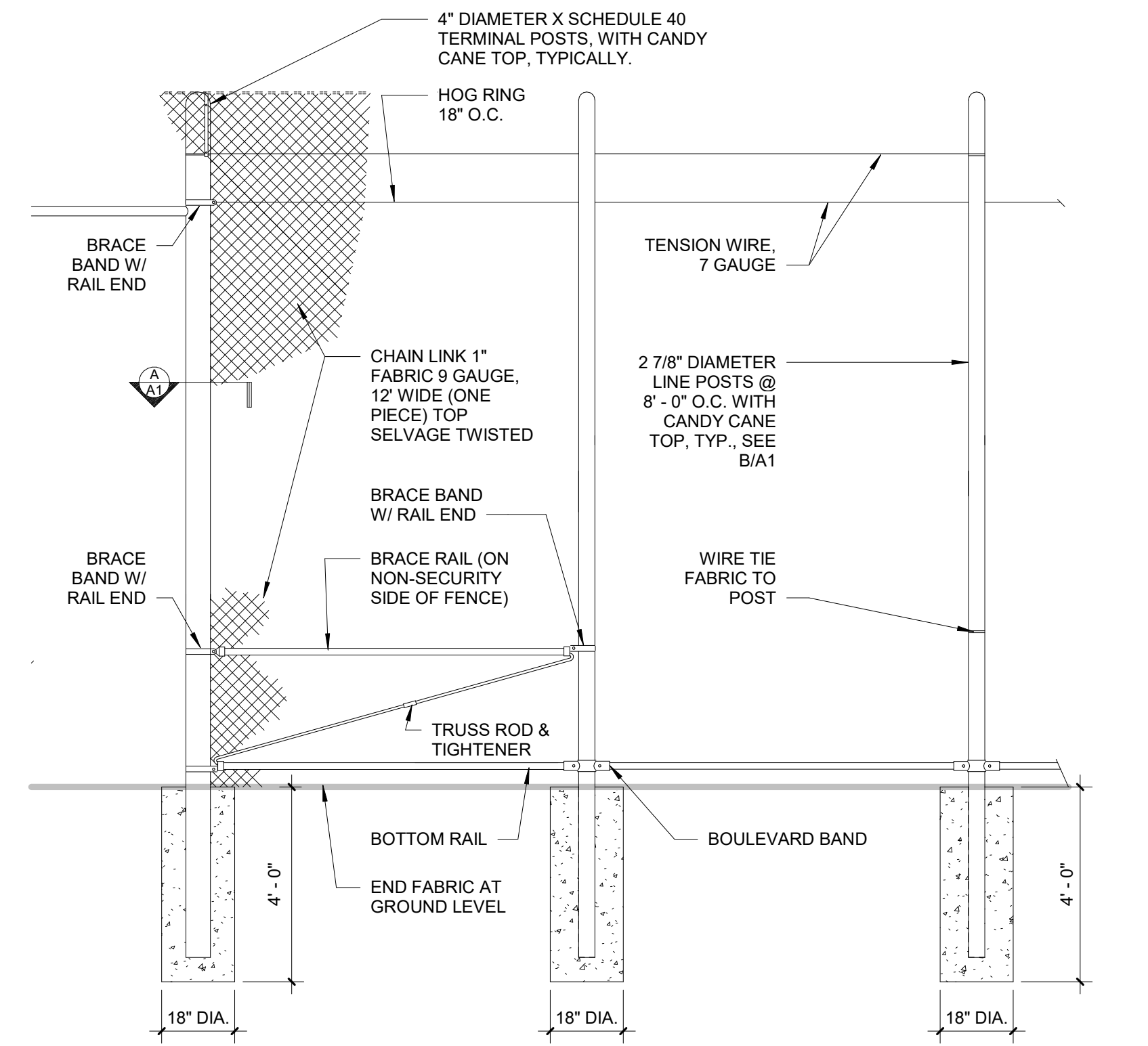
**7 GATE DETAIL - DOUBLE
3/8\" = 1'-0"**



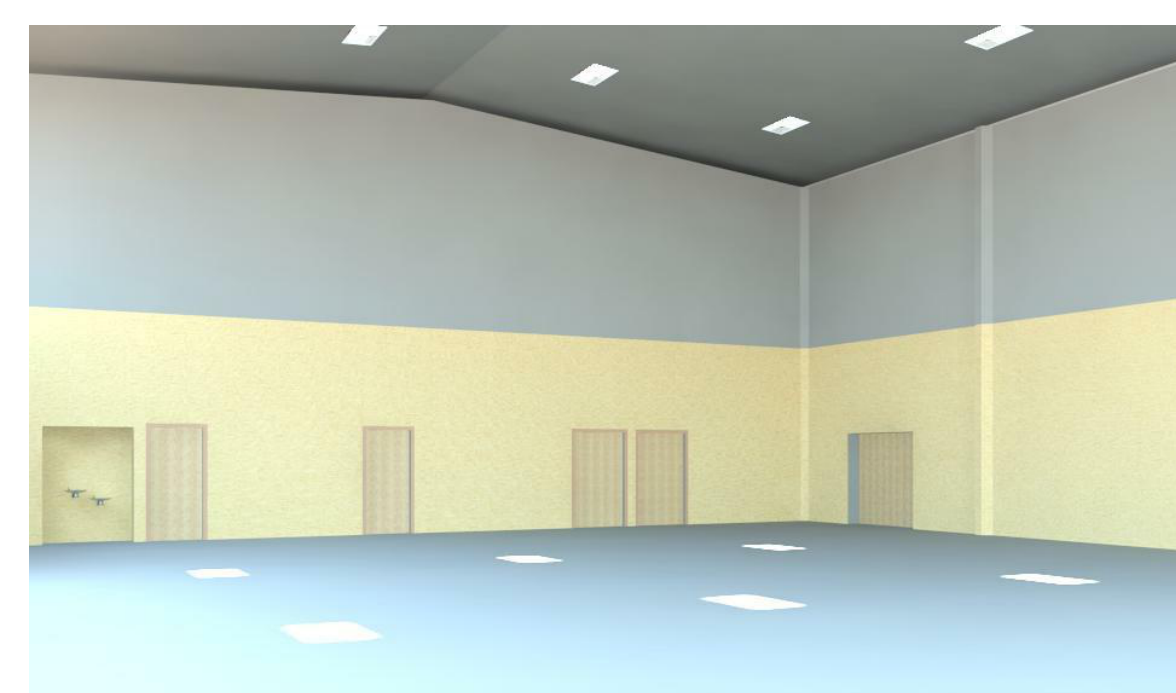
**6 GATE DETAIL - SINGLE
3/8\" = 1'-0"**



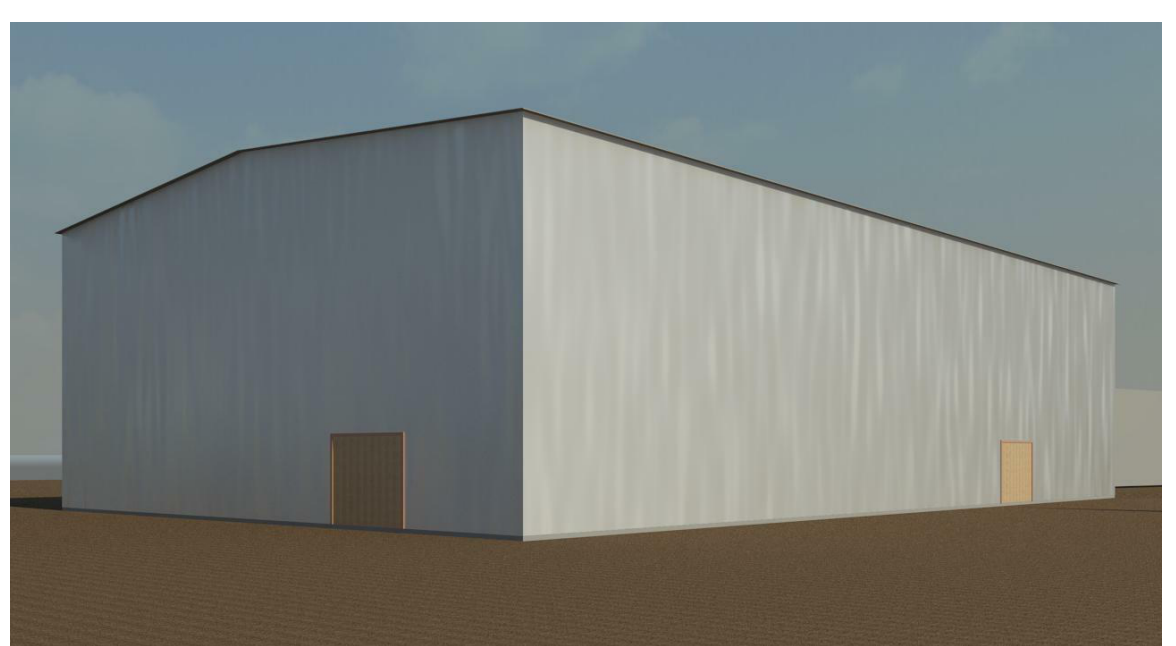
**5 CONNECTION AT EXISTING BUILDING
3/8\" = 1'-0"**



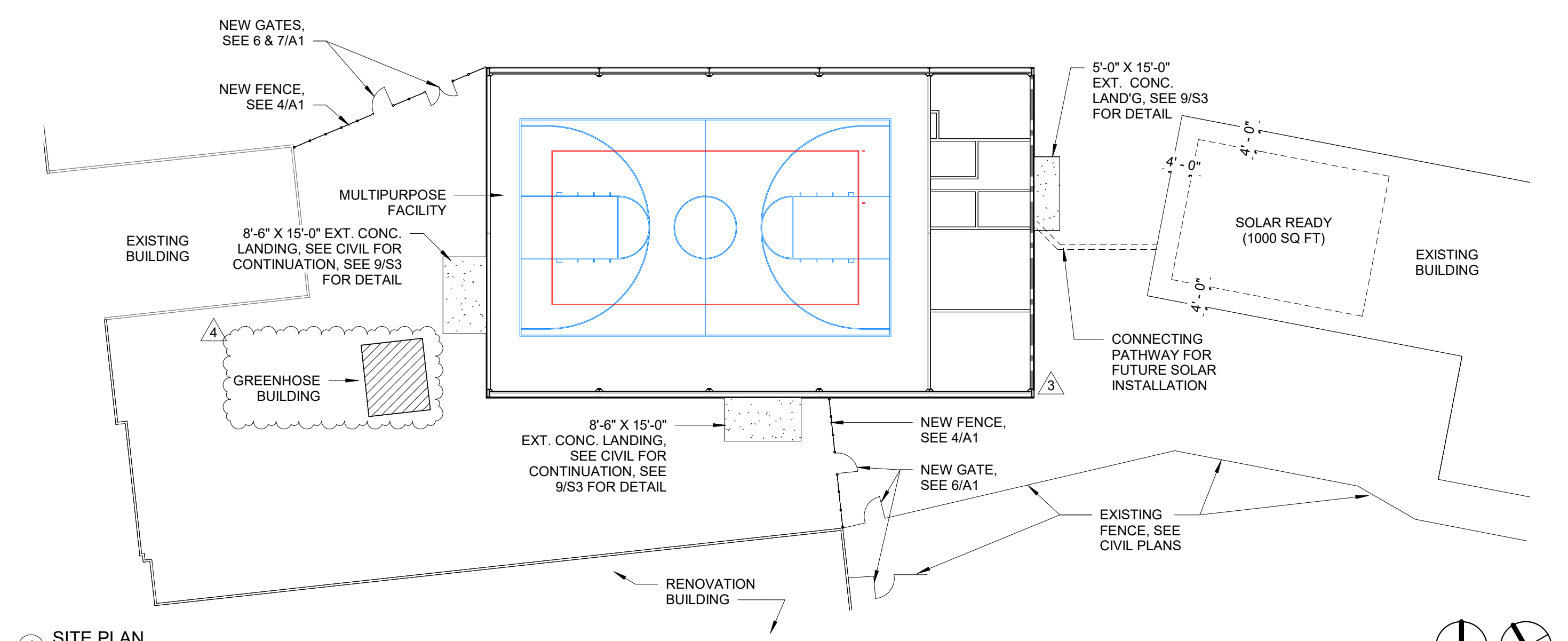
**4 FENCE DETAIL
3/8\" = 1'-0"**



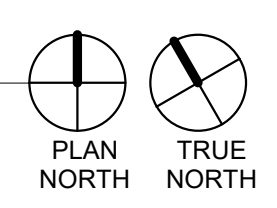
**3 3D Interior View
12\" = 1'-0"**

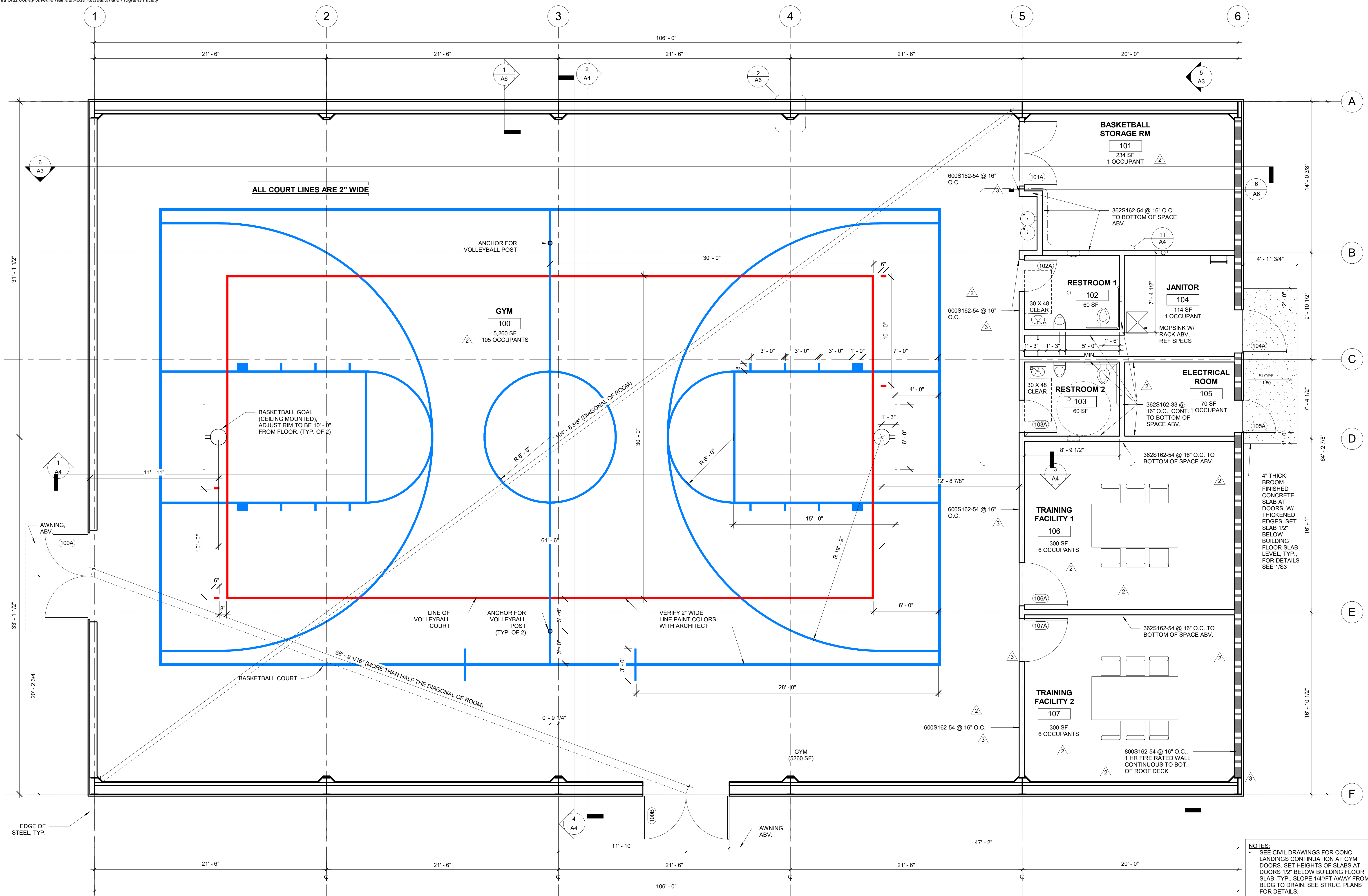


**2 3D Exterior View
12\" = 1'-0"**



**1 SITE PLAN
1\" = 20'-0"**





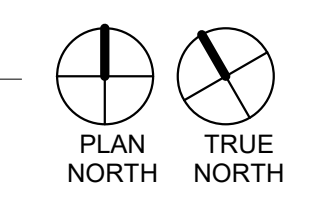
1 FLOOR PLAN
1/4" = 1'-0"

NOTES:

- SEE CIVIL DRAWINGS FOR CONC. LANDINGS CONTINUATION AT GYM DOORS. SET HEIGHTS OF SLABS AT DOORS 1/2" BELOW BUILDING FLOOR SLAB, TYP. SLOPE 1/4" FT AWAY FROM BLDG TO DRAIN. SEE STRUC. PLANS FOR DETAILS.
- SEE SHEET C1.2 FOR PATH OF TRAVEL

WALL LEGEND

	1-HR FIRE RATED EXTERIOR WALL
	UNRATED WALL CONTINUOUS TO BOT. OF SPACE ABOVE, 362S162-54 @ 16" O.C.



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 SANTA CRUZ, CA 95063

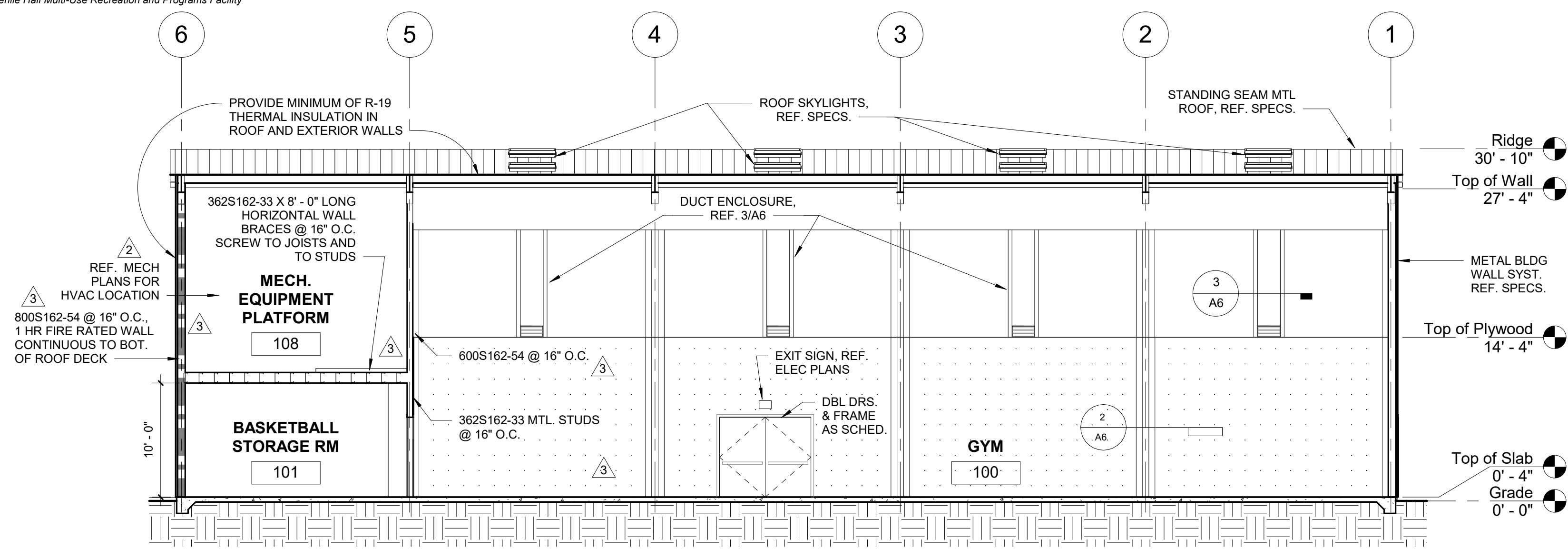
FLOOR PLAN

Santa Cruz County Juvenile Hall Multi-Use Recreation and Programs Facility
 Santa Cruz County Probation Department
 3650 Graham Hill Rd., Felton, CA 95018
 APN 061-371-16

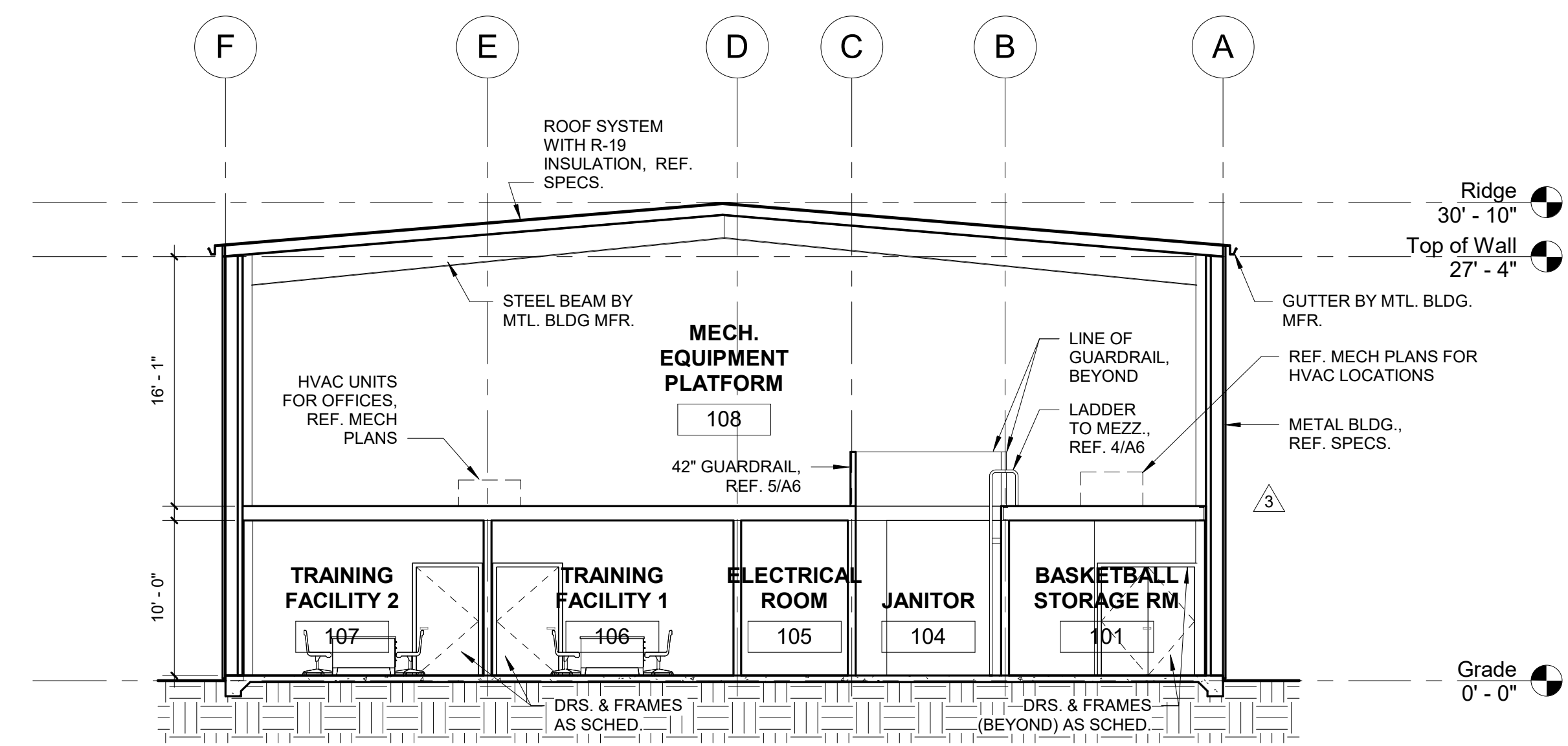
REVISION SCHEDULE

REV. NO.	DATE	DESCRIPTION
2	07/15/2023	REVISION 2
3	11/09/2023	REVISION 3

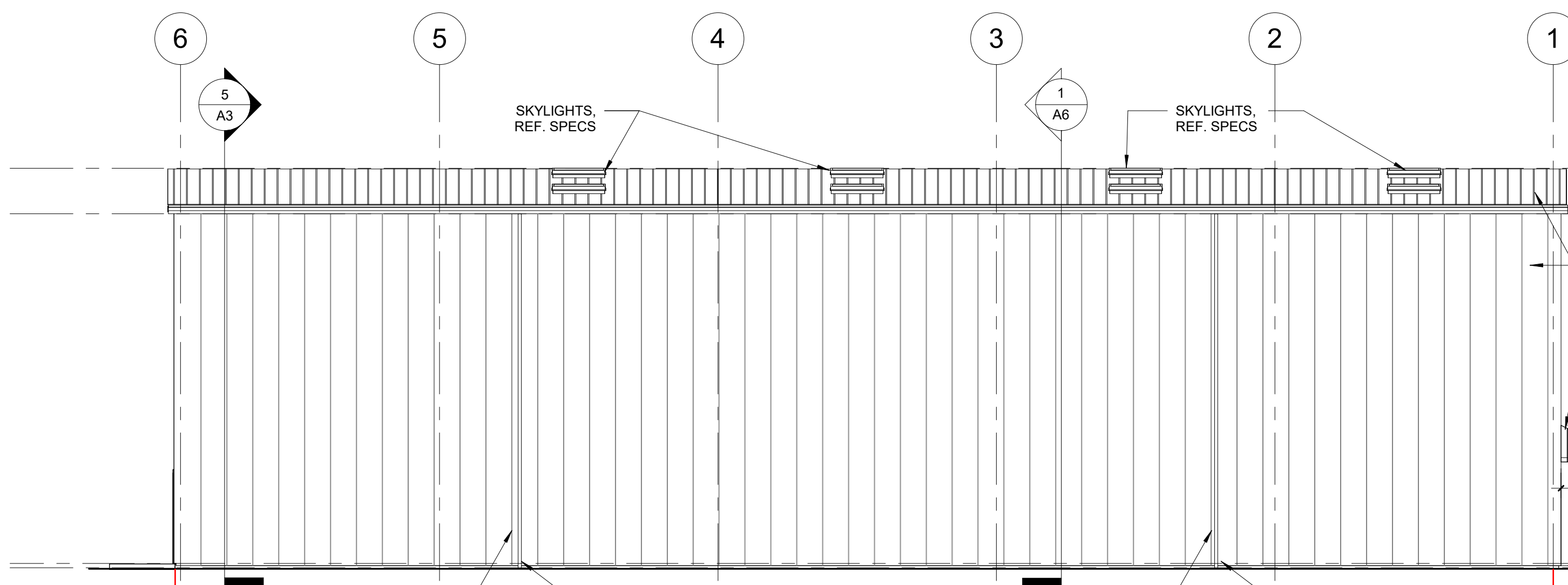
Addendum 1



6 BUILDING LONGITUDINAL SECTION
1/8" = 1'-0"

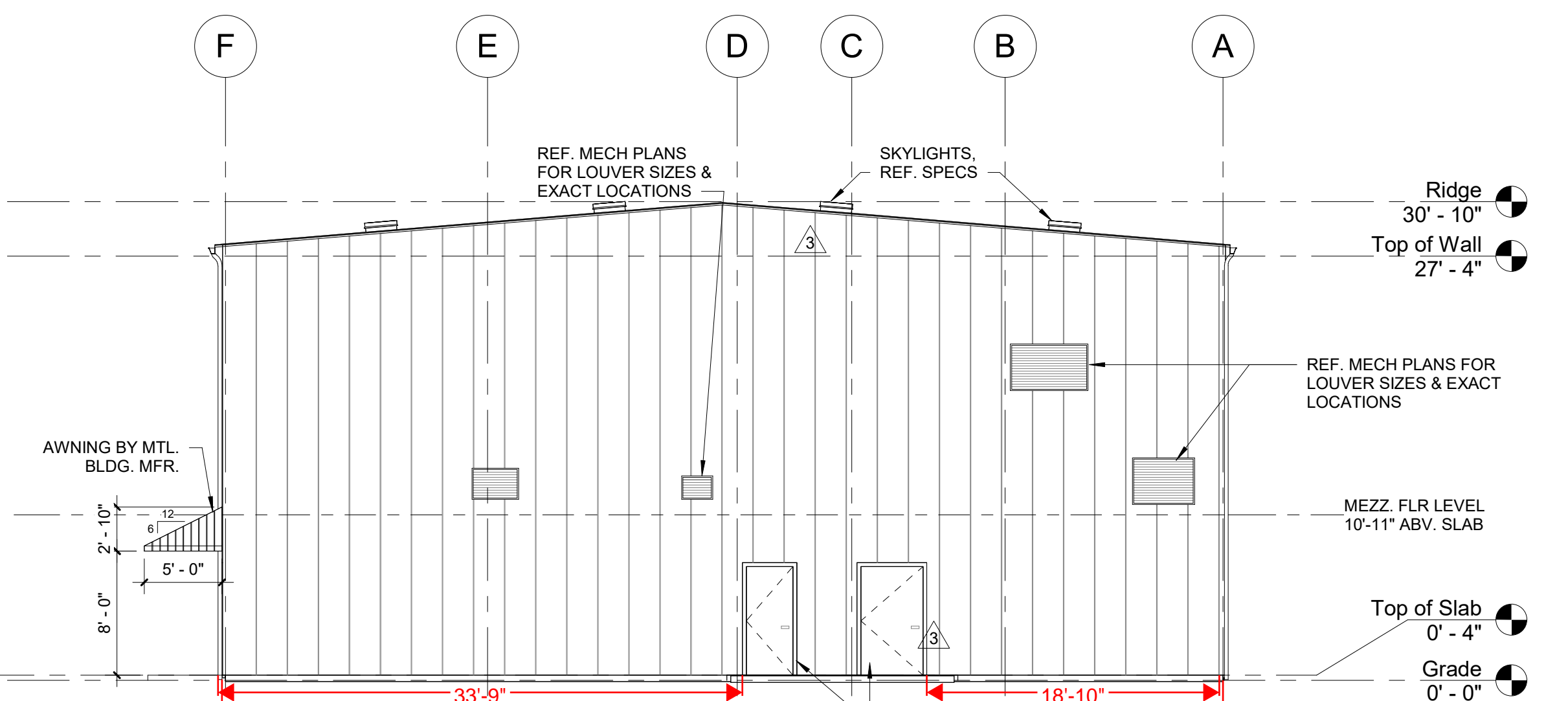


5 BUILDING CROSS SECTION
1/8" = 1'-0"

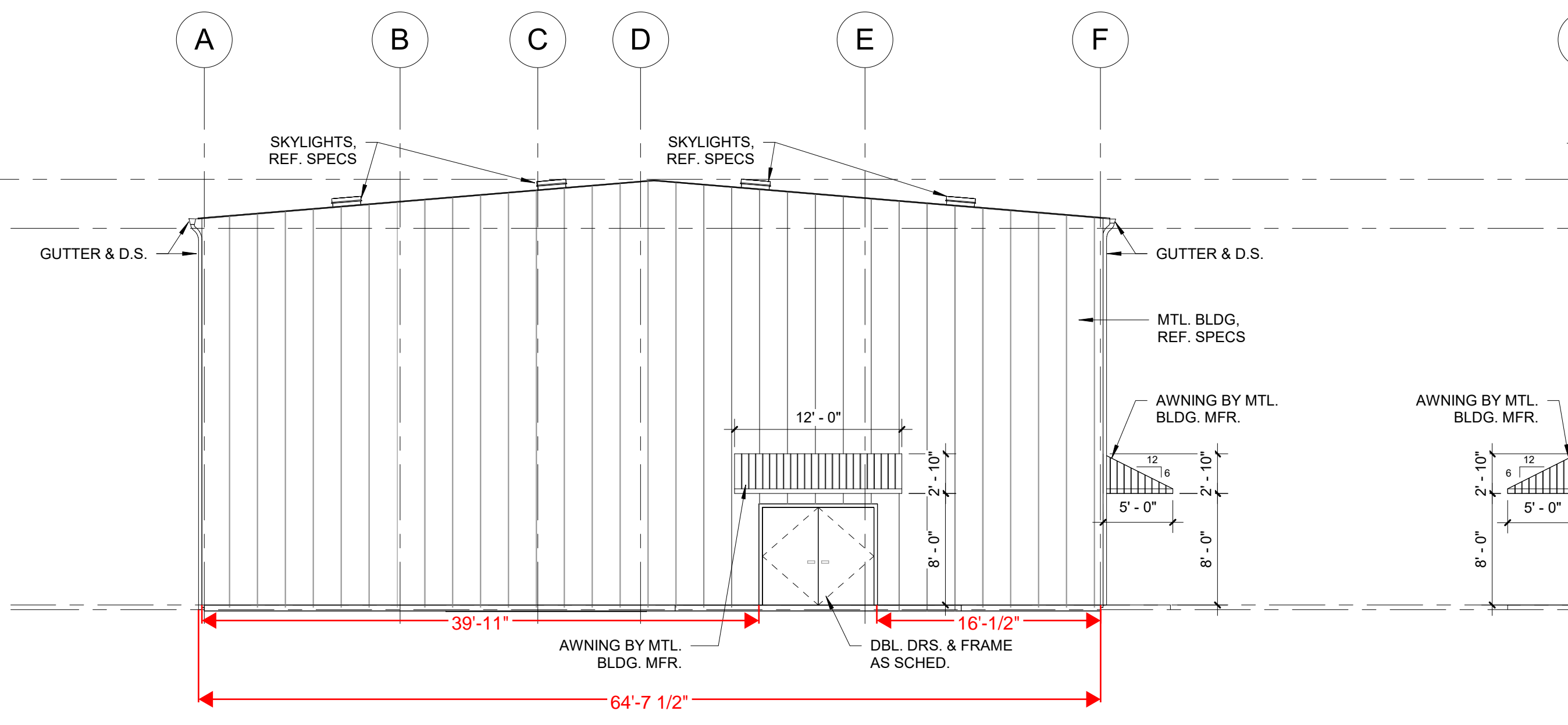


2 NORTH EXTERIOR
1/8" = 1'-0"

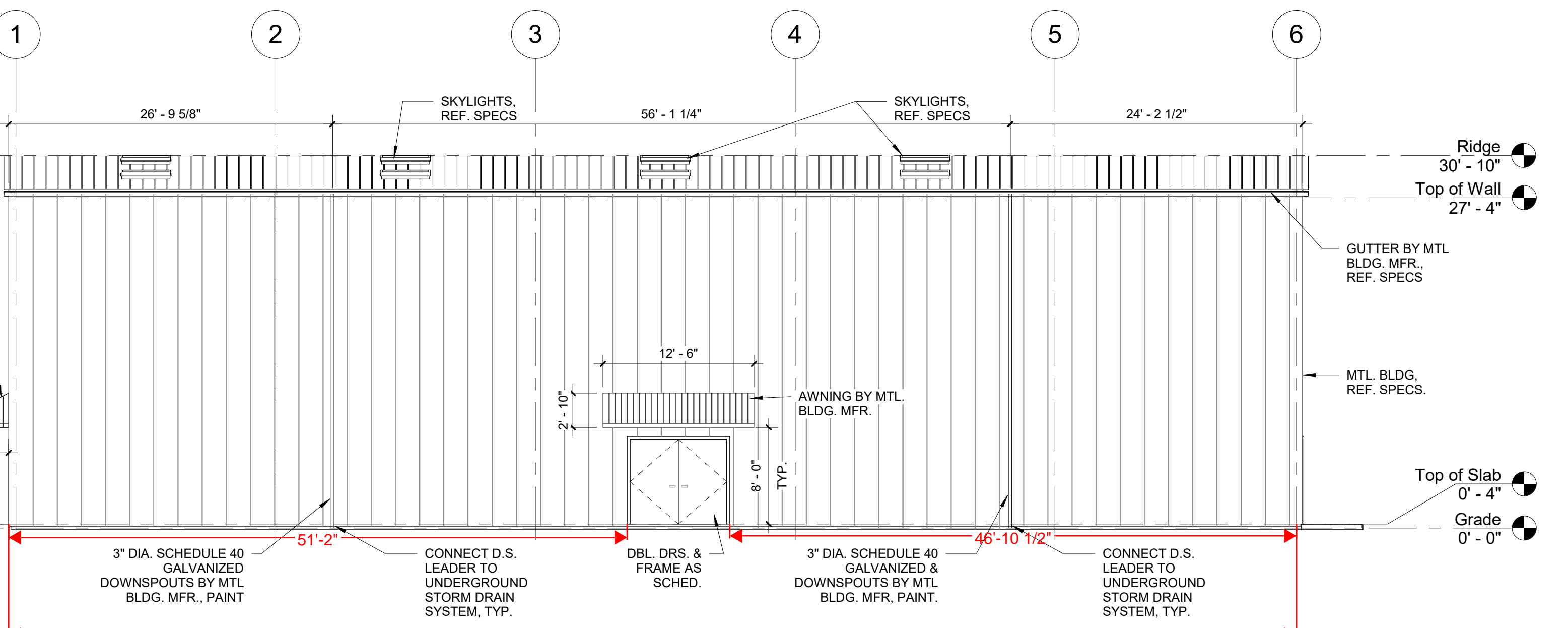
Please note: Dimensions shown in red are approximate. More exact dimensions are on the original plans.



1 EAST EXTERIOR
1/8" = 1'-0"



4 WEST EXTERIOR
1/8" = 1'-0"



3 SOUTH EXTERIOR
1/8" = 1'-0"

NOTE:
ALL LOUVERS AND VENTS TO BE EMBER & FIRE RESISTANT

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STUDIO:
303 POTRERO ST., BLDG. 42, SUITE 102
SANTA CRUZ, CALIFORNIA 95060

EXTERIOR ELEVATIONS, SECTIONS

Santa Cruz County Juvenile Hall Multi-Use
Recreation and Programs Facility
Santa Cruz County Probation Department
3650 Graham Hill Rd., Felton, CA 95018
APN 061-371-16

REV. NO.	DATE	DESCRIPTION
2	07/15/2025	REVISION 2
3	11/03/2023	REVISION 3

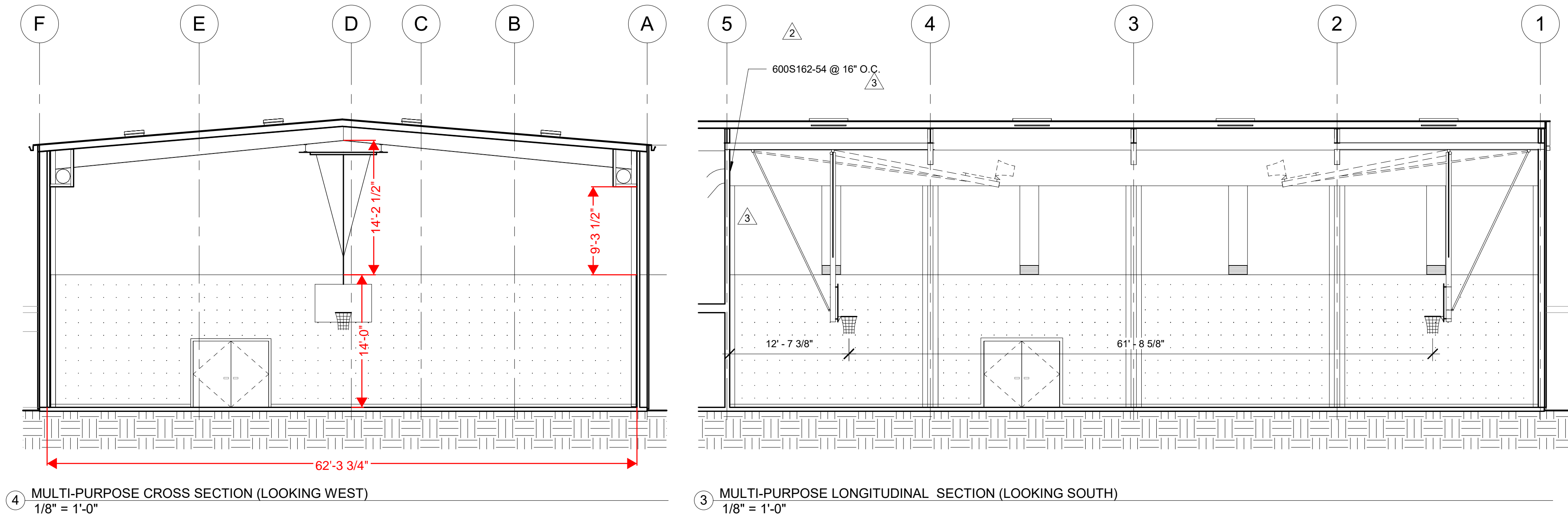
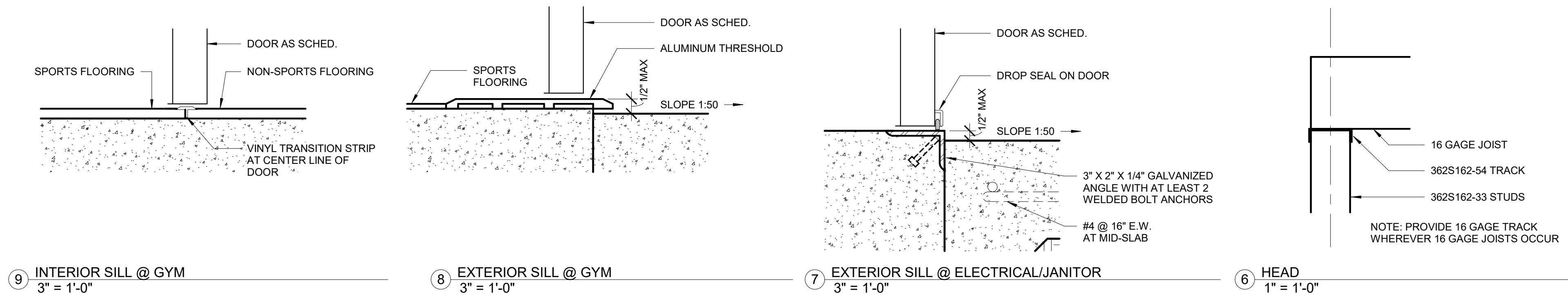
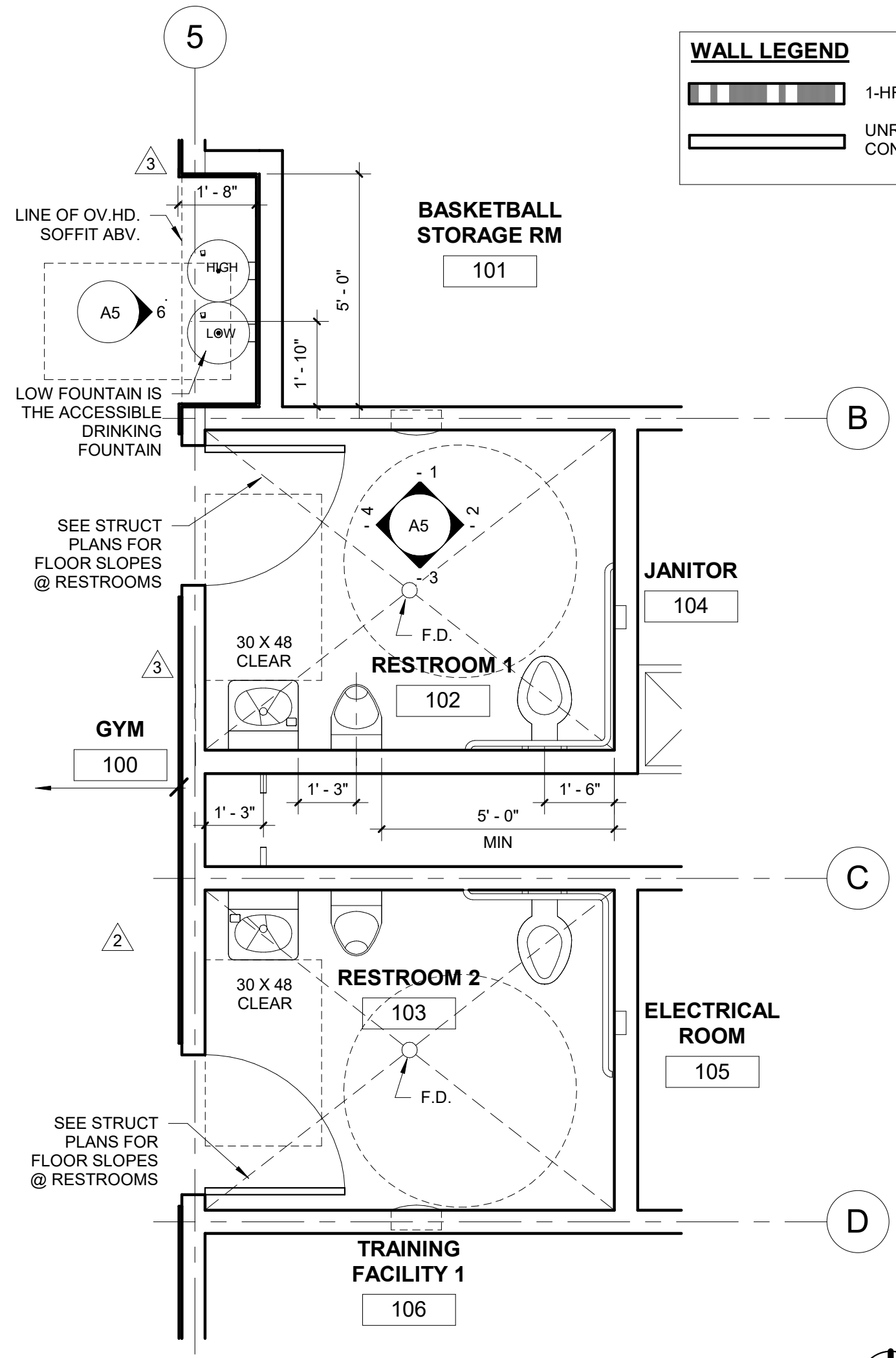
Appendix 1

REV. NO.	DATE	DESCRIPTION
2	07/15/2023	REVISION 2
3	11/09/2023	REVISION 3

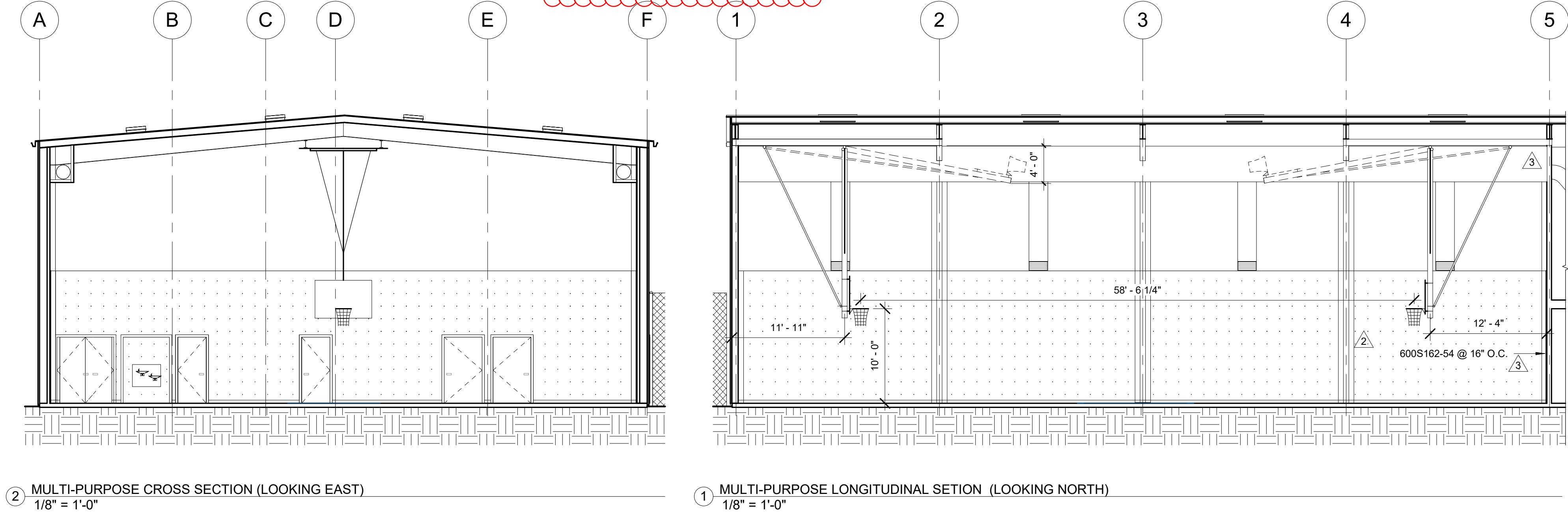
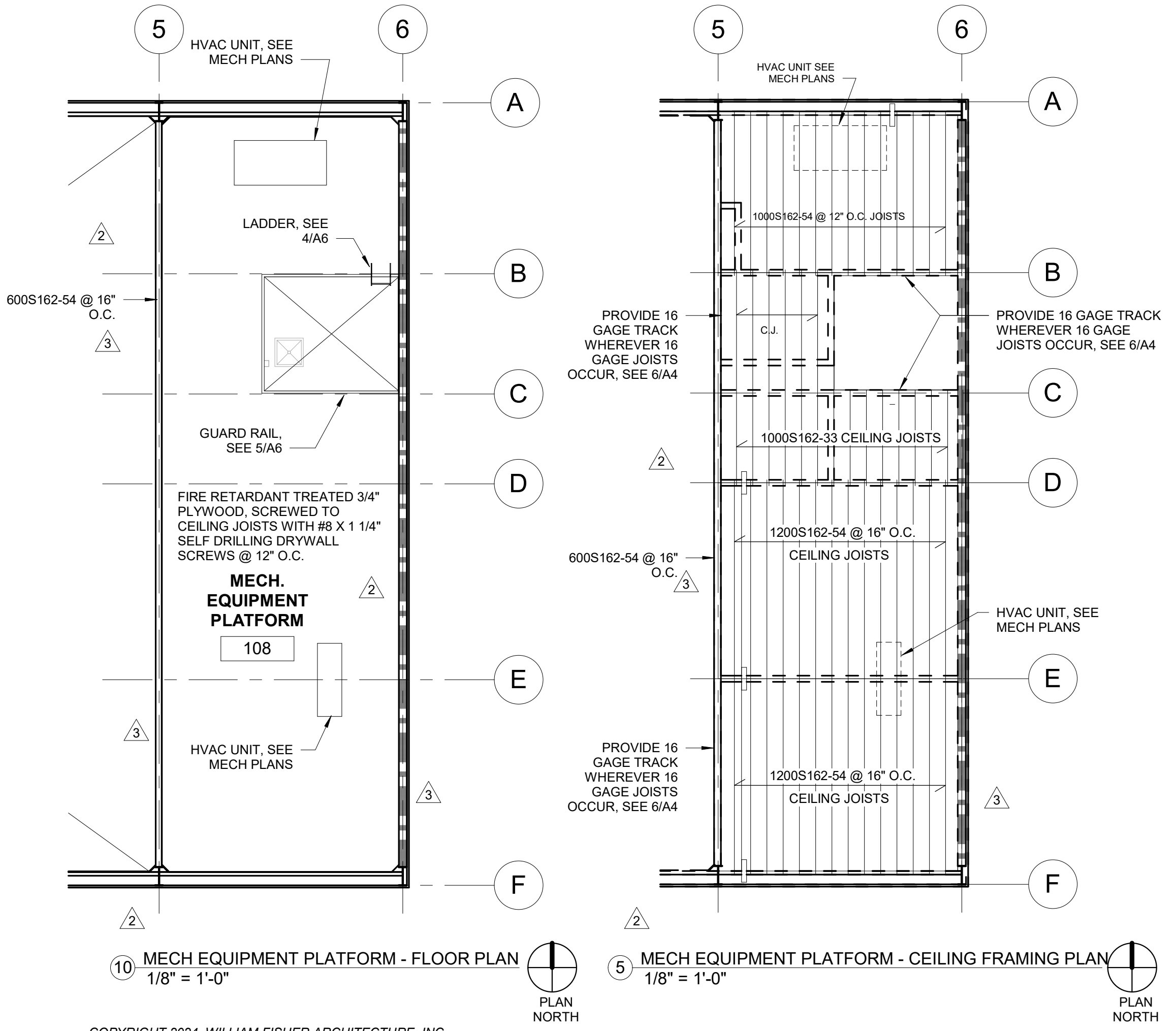
REVISION SCHEDULE

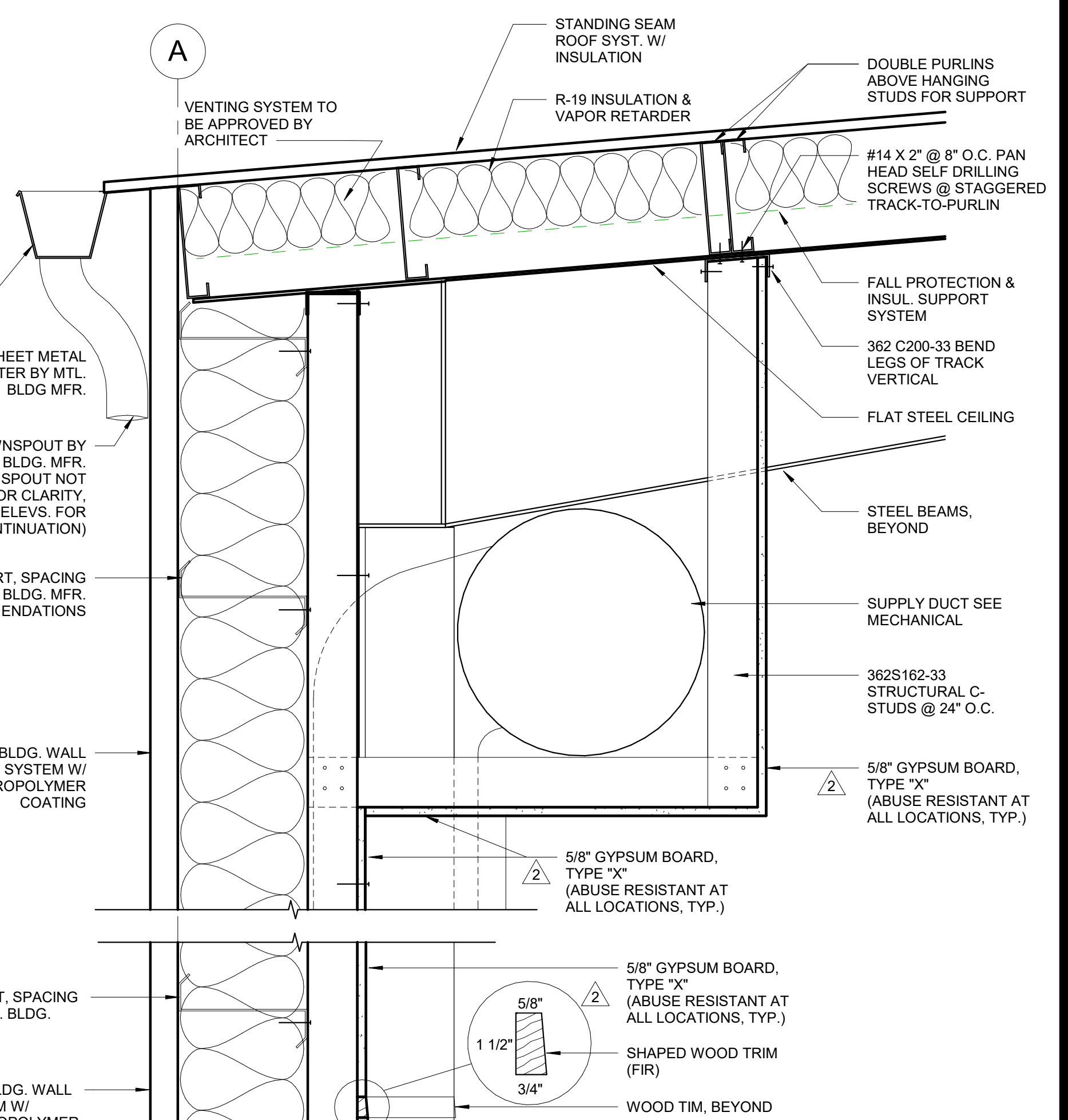
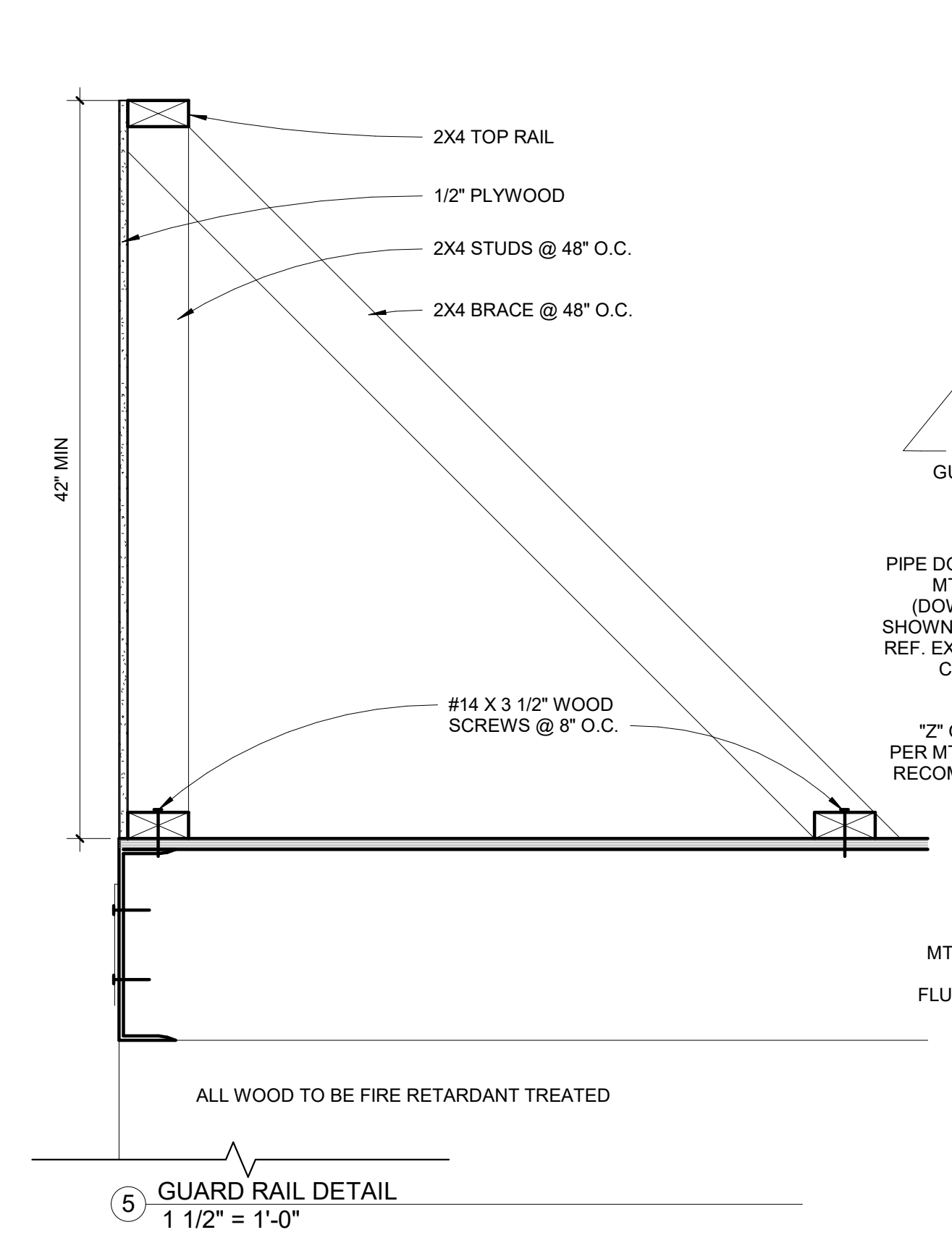
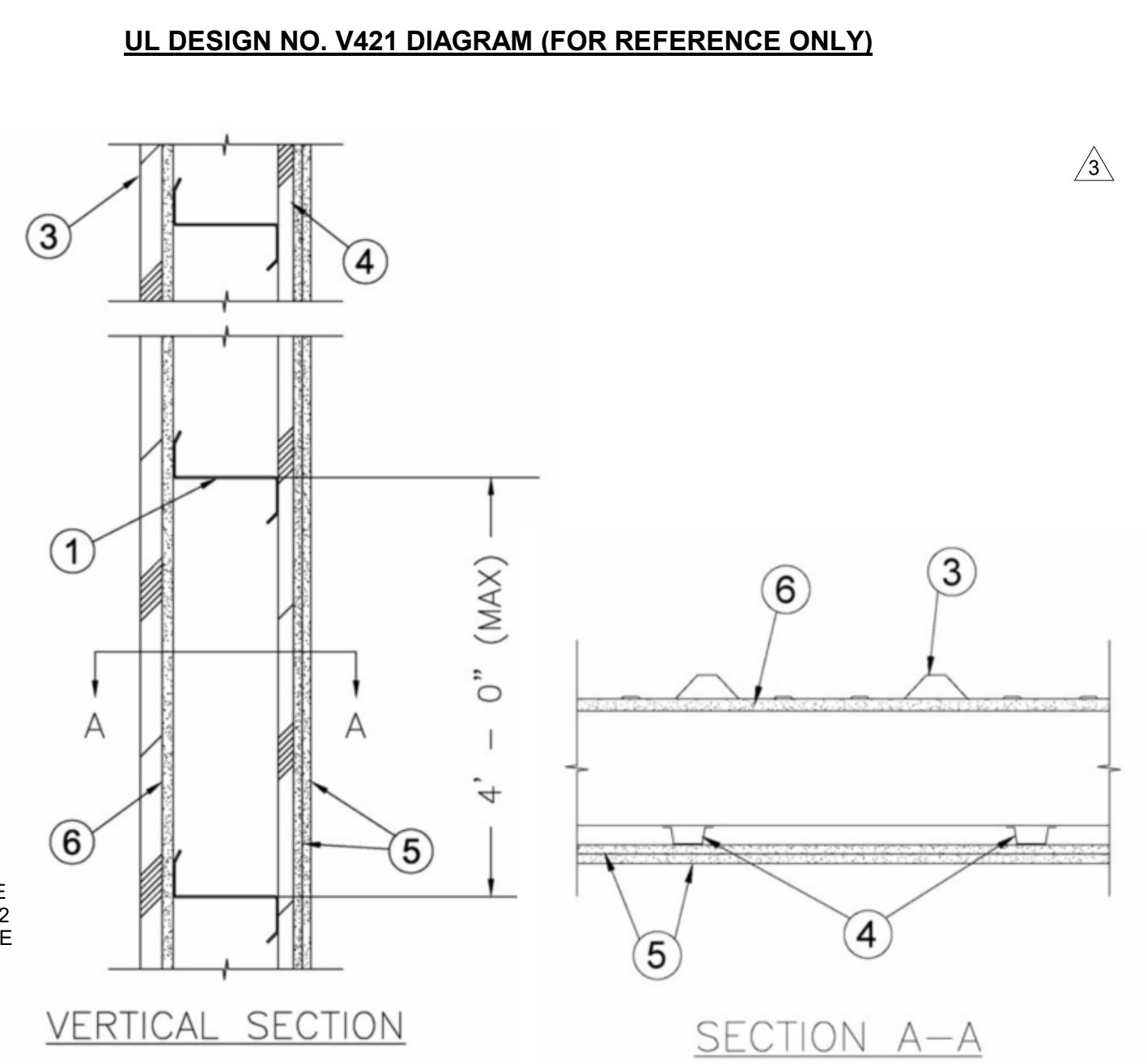
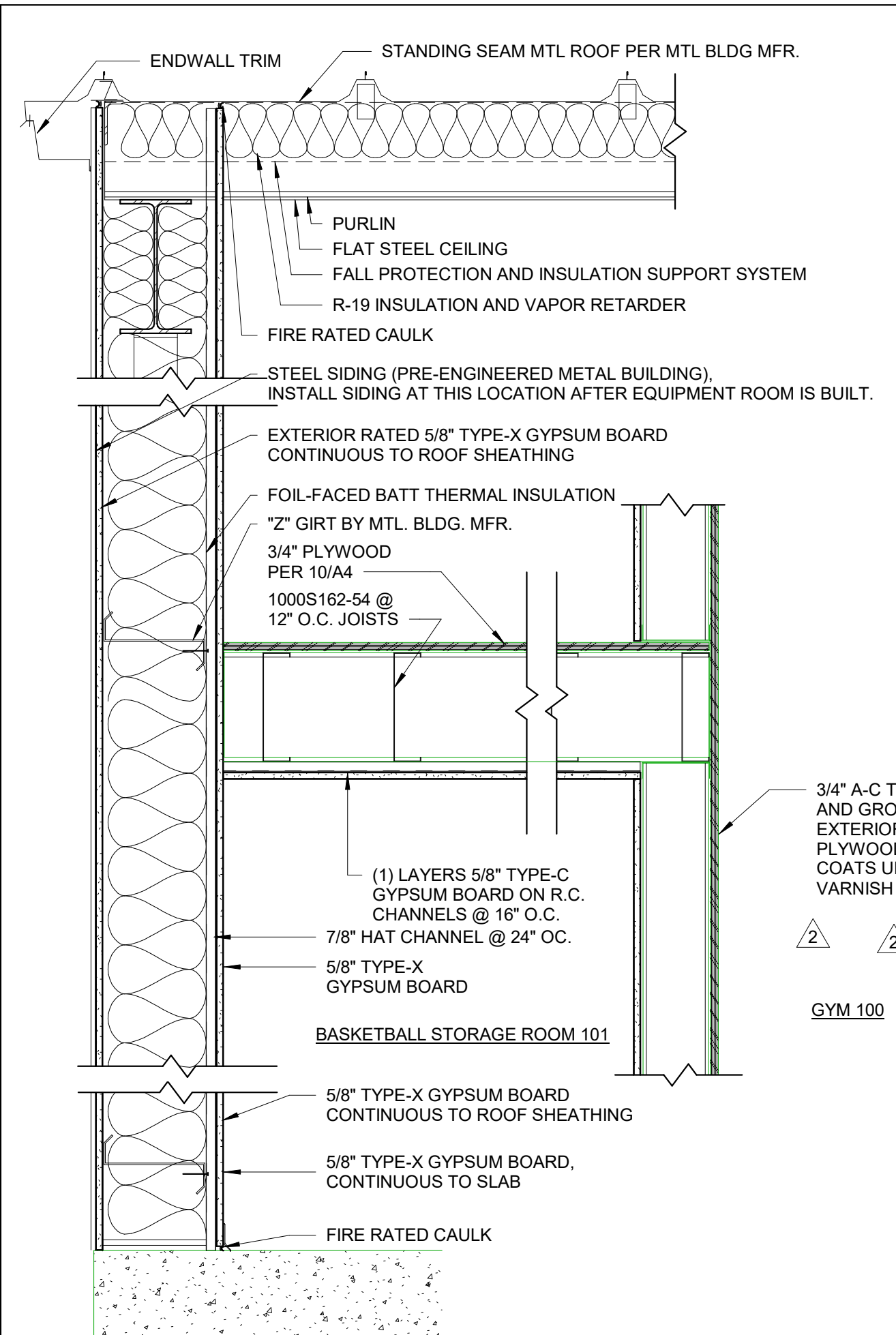
WALL LEGEND

- 1-HR FIRE RATED EXTERIOR WALL
- UNRATED WALL CONTINUOUS TO BOT. OF SPACE ABOVE, 362S162-54 @ 16" O.C.



Please note: Dimensions shown in red are approximate. More exact dimensions are on the original plans.





**DESIGN NO. V421
NONBEARING WALL RATINGS - 1 & 2 HR**

- GIRTS** - "Z" OR "C" SHAPED GIRTS, 0.055 TO 0.120 IN. THICK STEEL, 6 TO 12 IN. DEEP, WITH 2 TO 4 IN. WIDE FLANGES. GIRTS PLACED HORIZONTALLY (WITH FLANGES UP OR DOWN) AND SPACED MAX 48 IN. O.C. GIRTS ARE SECURED TO COLUMNS WITH GIRT CLIPS, ITEM 2, OR BOLTED TO THE COLUMN THROUGH THE GIRT FLANGE.
- GIRT CLIPS** - (NOT SHOWN) - STEEL SECURED TO COLUMN BY WELDS OR BOLTS.
- STEEL WALL PANELS** - MIN NO. 26 MSG, MIN 16 IN. WIDE COATED STEEL PANELS. PANEL JOINTS OFFSET 6 IN. FROM GYPSUM SHEATHING JOINTS. IF ONE LAYER OF EXTERIOR WALLBOARD IS USED, PANELS ARE FASTENED TO THE HORIZONTAL GIRTS WITH 2 IN. (MIN) LONG NO. 12-14 SELF-DRILLING SCREWS 12 IN. O.C. VERTICAL RAISED RIB PROFILES OF ADJACENT PANELS ARE OVERLAPPED APPROXIMATELY 3 IN. AND ATTACHED TO EACH OTHER WITH 7/8 IN. LONG 1/4-14 (MIN) SELF-DRILLING SCREWS (STITCH SCREWS) 24 IN. O.C. (MAX) ALONG THE LAP.
- FURRING CHANNELS** - HAT SHAPED, MINIMUM 25 MSF GALV STEEL, APPROXIMATELY 2-5/8 IN WIDE, 7/8 IN. DEEP, SPACED 24 IN. O.C. PERPENDICULAR TO GIRTS. CHANNELS ARE SECURED TO EACH GIRT WITH 3/8 IN. (MIN) LONG SELF-DRILLING PAN HEAD SHEET STEEL TYPE SCREWS. TWO SCREWS ARE USED AT EACH FASTENING LOCATION, ONE THROUGH EACH LEG OF THE FURRING CHANNEL.
- GYPSUM BOARD** - ANY 1/2 IN. THICK UL CLASSIFIED GYPSUM BOARD THAT IS ELIGIBLE FOR USE IN DESIGN NOS. L501, G512, OR U305. SEE TABLE UNDER ITEM 6 FOR NUMBER OF LAYERS AND THICKNESS ON INTERIOR FACE OF WALL. ANY 5/8 IN. OR 1/2 IN. THICK GYPSUM BOARD APPLIED HORIZONTALLY OR VERTICALLY. FIRST LAYER ATTACHED TO FURRING CHANNELS, ITEM 4, USING 1 IN. LONG TYPE S BUGLE HEAD GYPSUM BOARD SCREWS SPACED 24 IN. O.C. VERTICALLY AND HORIZONTALLY. SECOND LAYER ATTACHED TO FURRING CHANNELS USING 1-5/8 IN. LONG TYPE S BUGLE HEAD GYPSUM BOARD SCREWS SPACED 12 IN. O.C. VERTICALLY AND 24 IN. O.C. HORIZONTALLY. THIRD LAYER, WHEN USED, ATTACHED TO FURRING CHANNELS USING TYPE S BUGLE HEAD GYPSUM BOARD SCREWS SPACED 12 IN. O.C. VERTICALLY AND 24 IN. O.C. HORIZONTALLY. 1-7/8 IN. LONG FOR 1/2 IN. GYPSUM BOARD AND 2-1/4 IN. LONG FOR 5/8 IN. GYPSUM BOARD. FOURTH LAYER, WHEN USED, ATTACHED TO STEEL STRAPPING USING 1 IN. (MIN) BUGLE HEAD DRYWALL SCREWS SPACED 8 IN. O.C. STEEL STRAPPING FROM FLAT STOCK, 1-1/2 IN. WIDE, FABRICATED FROM 0.020 IN. THICK (25 GAUGE) GALV STEEL. STEEL STRAPPING LOCATED VERTICALLY AND ATTACHED TO THIRD LAYER OF GYPSUM BOARD AT EACH VERTICAL JOINT AND INTERMEDIATE STUD USING 2-5/8 IN. TYPE S BUGLE HEAD DRYWALL SCREWS 12 IN. O.C. THE HORIZONTAL AND VERTICAL JOINTS OF THE WALLBOARD ARE OFFSET 24 IN. WHEN 2 SUCCESSIVE LAYERS ARE APPLIED IN THE SAME ORIENTATION.
AMERICAN GYPSUM CO — CKNX.R14196
BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — CKNX.R19374
CABOT MANUFACTURING ULC — CKNX.R25370
CERTAINTED GYPSUM INC — CKNX.R3660
CGC INC — CKNX.R19751
CERTAINTED GYPSUM INC — CKNX.R18482
GEORGIA-PACIFIC GYPSUM LLC — CKNX.R2717
NATIONAL GYPSUM CO — CKNX.R3501
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — CKNX.R7094
PANEL REY S A — CKNX.R21796
SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — CKNX.R19262
THAI GYPSUM PRODUCTS PCL — CKNX.R27517
UNITED STATES GYPSUM CO — CKNX.R13107
USG BORAL DRYWALL SFZ LLC — CKNX.R38438
USG MEXICO S A DE C V — CKNX.R16089

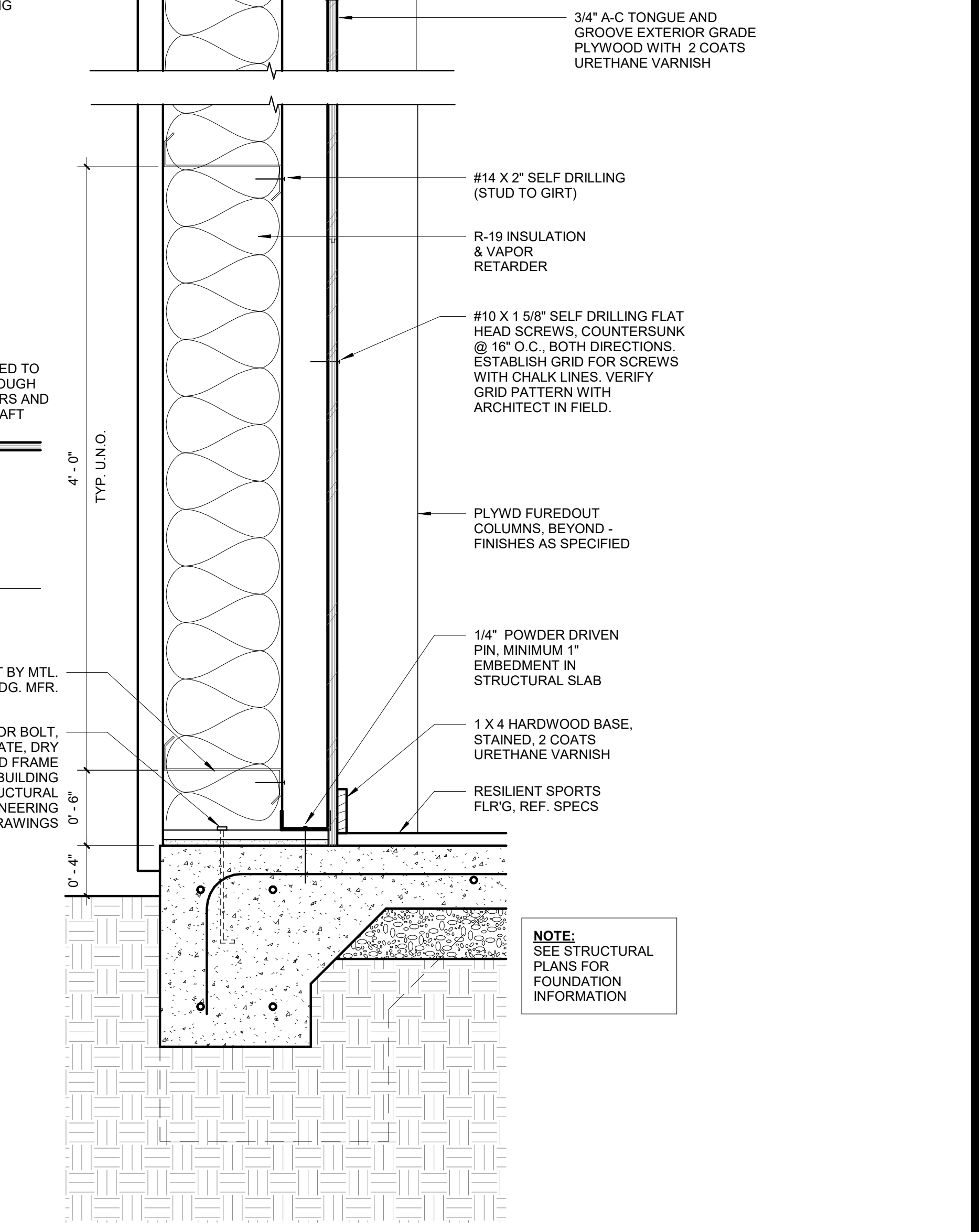
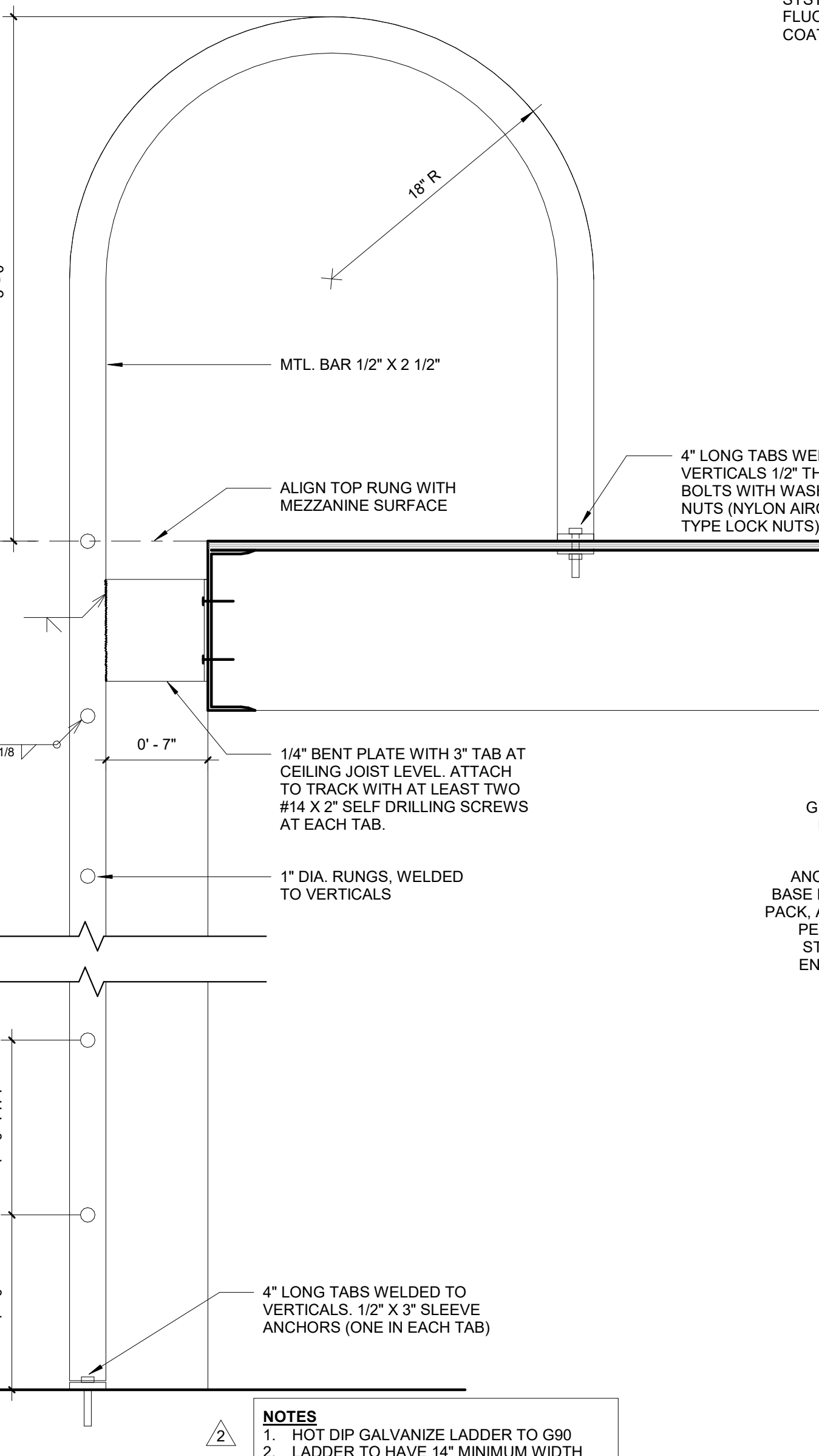
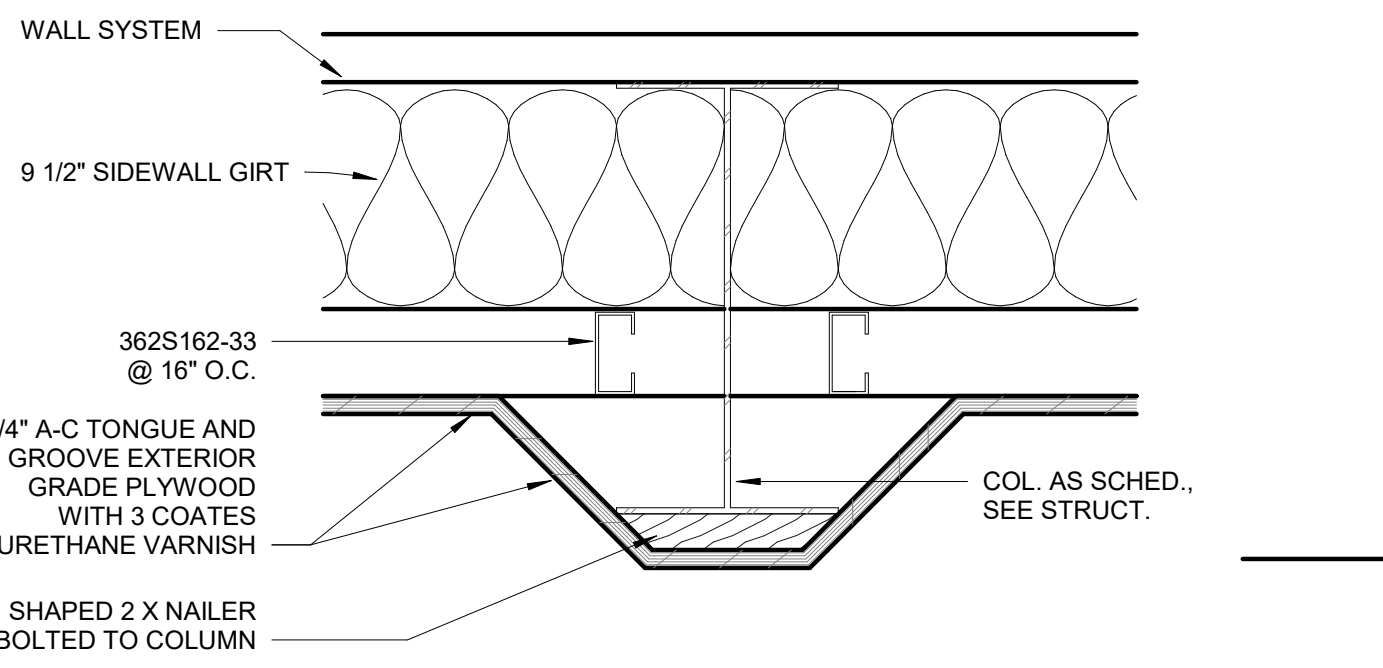
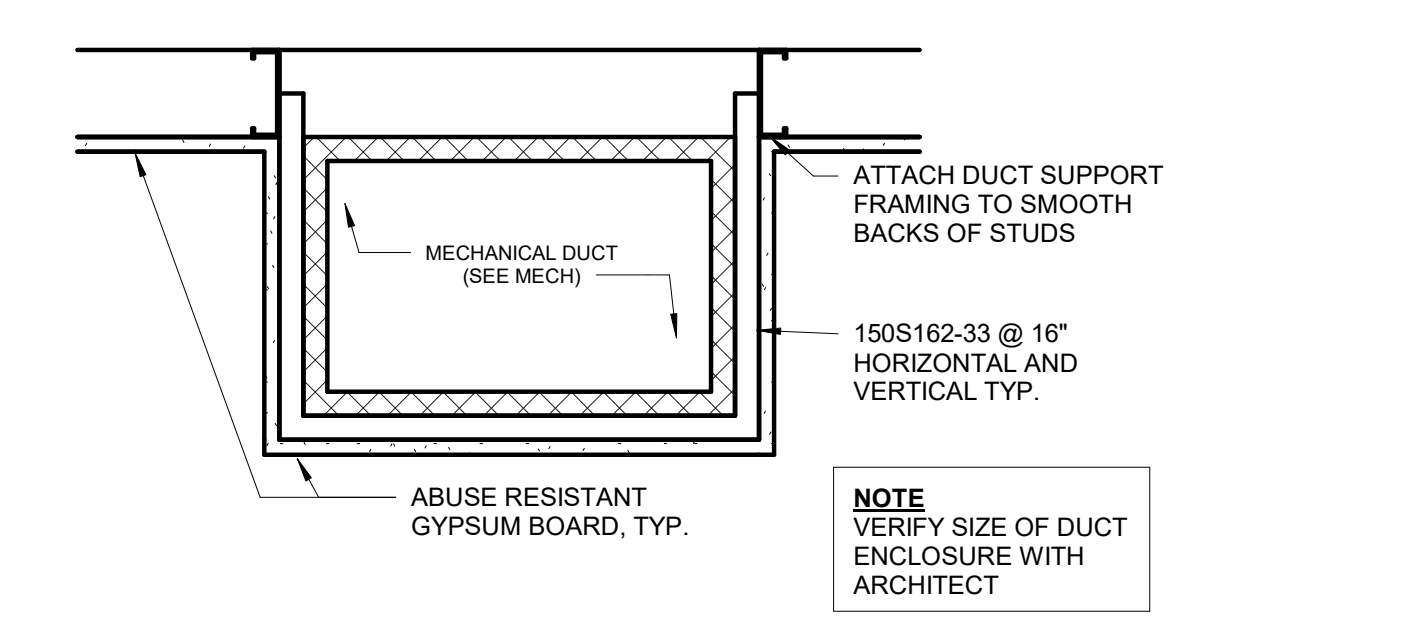
6. GYPSUM BOARD - SEE FOLLOWING TABLE FOR NUMBER OF LAYERS ON EXTERIOR FACE OF WALL. ANY EXTERIOR GRADE 5/8 IN. THICK GYPSUM WALLBOARD OR GYPSUM SHEATHING APPLIED HORIZONTALLY OR VERTICALLY. FIRST LAYER ATTACHED TO GIRTS, ITEM 1, USING 1-1/4 IN. LONG (MIN) SELF-DRILLING BUGLE HEAD SHEET STEEL TYPE GYPSUM BOARD SCREWS SPACED 8 IN. O.C. HORIZONTALLY. SECOND LAYER, WHEN USED, ATTACHED TO GIRTS USING 1-5/8 IN. LONG (MIN) SELF-DRILLING BUGLE HEAD SHEET STEEL TYPE GYPSUM BOARD SCREWS SPACED 8 IN. O.C. HORIZONTALLY. THE HORIZONTAL OR VERTICAL JOINTS OF THE GYPSUM BOARD ARE OFFSET 24 IN. IF 2 SUCCESSIVE LAYERS ARE APPLIED IN THE SAME ORIENTATION.

RATING	FIRE RESISTANCE FROM BOTH SIDES OF WALL	
	LAYERS 5/8 IN. GYPSUM BOARD (ITEM 5) ON INTERIOR FACE	LAYERS 5/8 IN. GYPSUM BOARD (ITEM 6) ON EXTERIOR FACE
1	1	1
2	2	2
2	3	1

- COLUMN PROTECTION** - (NOT SHOWN) - HORIZONTAL WALL GIRTS, ITEM 1, ARE ATTACHED TO VERTICAL STRUCTURAL STEEL COLUMNS. SEE COLUMN DESIGN NOS. X524 AND X530 FOR PROTECTION OF COLUMNS.
- BATTS AND BLANKETS** - (OPTIONAL, NOT SHOWN) - GLASS FIBER BATTS PLACED IN THE CAVITIES OF EXTERIOR WALLS. SEE BATTS AND BLANKETS (BZJZ) - CATEGORY FOR NAMES OF MANUFACTURERS.
- JOINT TAPE AND COMPOUND** - (NOT SHOWN, OPTIONAL) VINYL OR CASEIN, DRY OR PREMIXED JOINT COMPOUND APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS OF FACE LAYER OF GYPSUM BOARD. PAPER OR GLASS FIBER TAPE EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.

* INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR cUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR cUL CERTIFICATION (SUCH AS CANADA) RESPECTIVELY.

**6 EQUIPMENT ROOM FIRE RATED WALL & CEILING ASSEMBLIES
1" = 1'-0"**



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APN 061-371-16

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