



# GULF COAST CENTER FOR ECOTOURISM & SUSTAINABILITY

## MAINTENANCE SHED PACKAGE

1665 ECO TRAIL, GULF SHORES, ALABAMA

### DESIGN TEAM

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Jay Pigford	Rebecca Bryant	Charles Weber	Casey Brown	Matthew Wiechart	Matthew Wiechart	Mike Barrile	Christopher Grant	Ivy Schuster

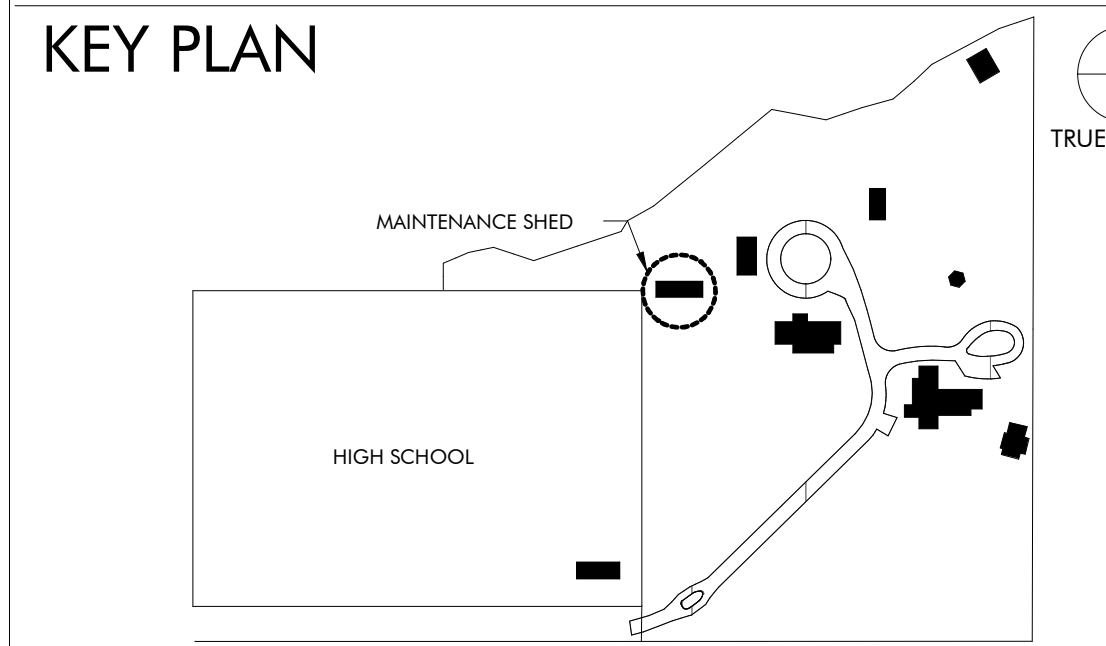
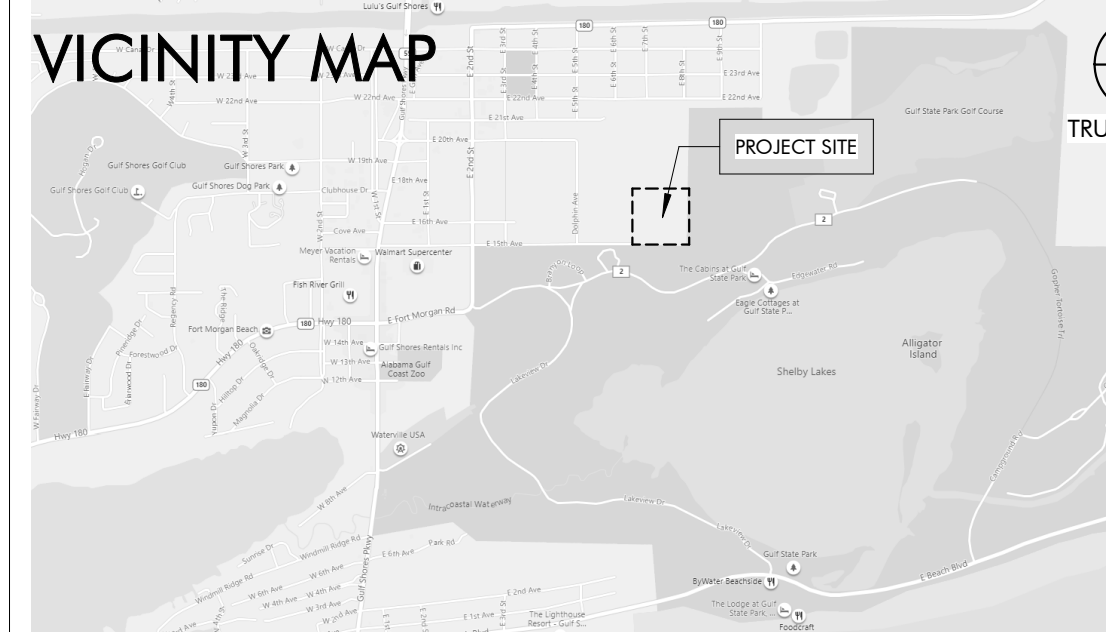
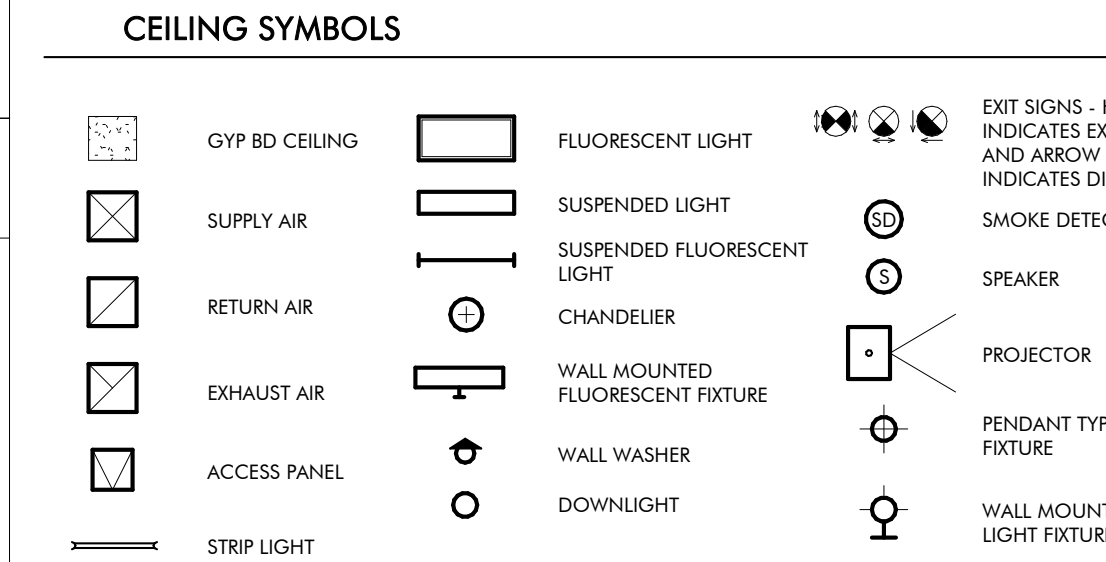
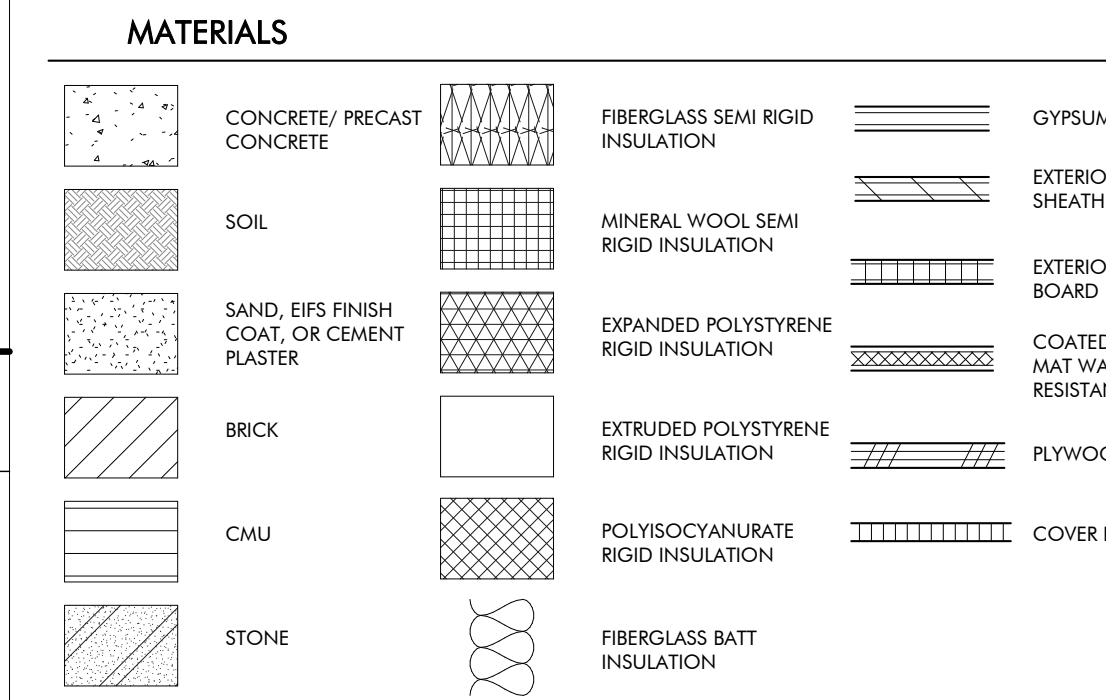
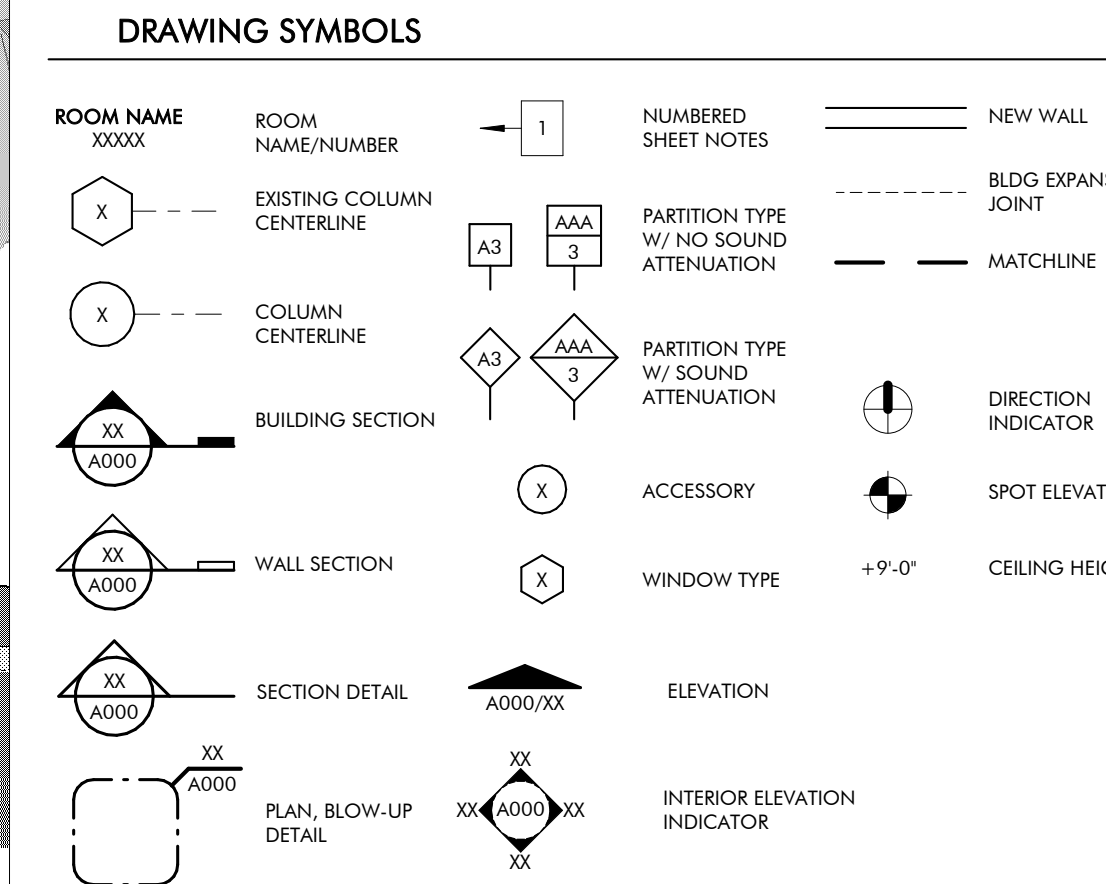
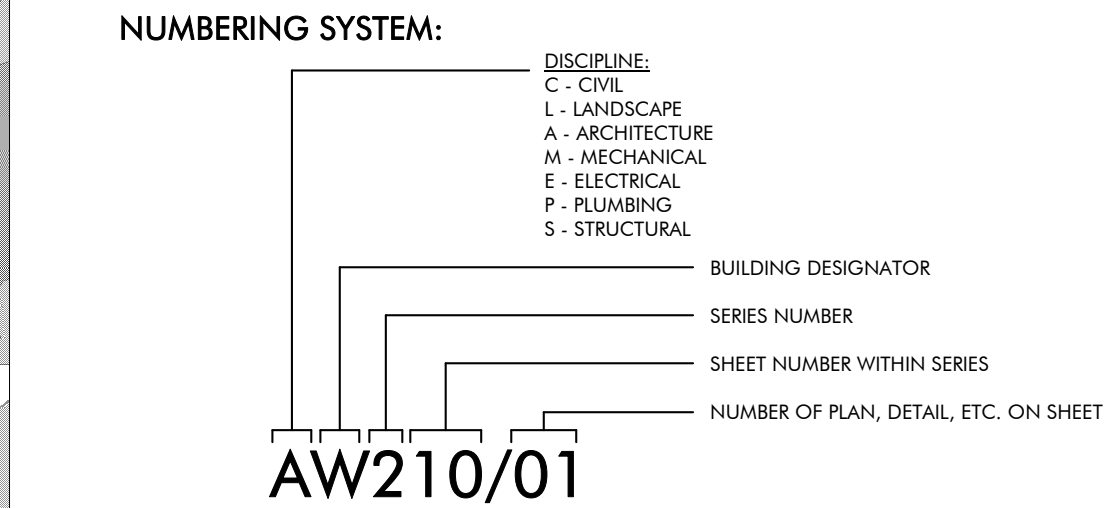
### ABBREVIATIONS

<b>A</b> AB ANCHOR BOLT AD AREA DRAIN AC AIR CONDITIONING ACT ACOUSTICAL CEILING TILE ADD ADDENDUM ADDL ADDITIONAL ADJ ADJACENT AFF ABOVE FINISHED FLOOR AGGR AGGREGATE AL/ALUM ALUMINUM ALT ALTERNATE ANOD ANODIZED APPROX APPROXIMATE ARCH ARCHITECTURAL	<b>E</b> EA EACH EF EACH FACE EFS EXTERIOR INSULATION AND AND FINISH SYSTEM EJ EXPANSION JOINT EL ELEVATION ELEC ELECTRIC ELEV ELEVATOR LGC LOCATION EQ EQUAL EQUIP EQUIPMENT ESC ESCALATOR EW EACH WAY EWC ELECTRIC WATER COOLER EXIST EXISTING EXP BLT EXPANSION BOLT EXT EXTERIOR	<b>L</b> L ANGLE LAV LAVATORY LG LONG LKB LOCKABLE LL LIVE LOAD LLH LONG LEG HORIZONTAL LLV LONG LEG VERTICAL LDC LOCATION LP LOW POINT L LIGHT LWC LIGHTWEIGHT CONCRETE	<b>M</b> MAS MASONRY MATL MATERIAL MAX MAXIMUM MECH MECHANICAL MEMB MEMBRANE MFE MECHANICAL, PLUMBING, AND ELECTRICAL MFG MANUFACTURER MIN MINIMUM MISC MISCELLANEOUS MO MASONRY OPENING MTL METAL	<b>N</b> NA NOT AVAILABLE NIC NOT IN CONTRACT NOA NOTICE OF ACCEPTANCE NOM NOMINAL NS NEAR SIDE NTS NOT TO SCALE NWC NORMAL WEIGHT CONCRETE	<b>O</b> OA OVER ALL OC ON CENTER OD OUTSIDE DIAMETER OD OVERFLOW DRAIN OFICI OWNER FURNISHED, CONTRACTOR INSTALLED OFIOI OWNER FURNISHED, CONTRACTOR INSTALLED OH OWNER INSTALLED OH OPPOSITE HAND OPNG OPENING OPP OPPOSITE OSF OUTSIDE FACE	<b>P</b> PLAM PLASTIC LAMINATE PC PRECAST CONCRETE PCF POUNDS PER CUBIC FOOT PCP PORTLAND CEMENT PL PLASTER PLUMB PLUMBING PLYWD PLYWOOD POL POLISHED PORT CEM PORTLAND CEMENT PR PAR PREFAB PREFABRICATED PSF POUNDS PER SQUARE FOOT PSI POUNDS PER SQUARE INCH PT PNEUMATIC TUBE PTD PAINTED	<b>R</b> R RISER RAD RADIUS RCP REFLECTED CEILING PLAN ROOF DRAIN REBAR REINFORCING BAR RECP RECEPTACLE REF REFER OR REFERENCE REINF REINFORCING RELOC RELOCATE/RELOCATED REQD REQUIRED RPVC RECESSED FIRE VALVE CABINET	<b>S</b> SAB SOUND ATTENUATION SCHED SCHEDULE SECT SECTION S/H SINGLE HUNG SPEC SPECIFICATION SQR SQUARE SS STAINLESS STEEL SSF SOLID SURFACE STA STATION STC SOUND TRANSMISSION CLASS STD STANDARD STIFF STIFFENER STRUP STRIPP STL STEEL STRUC STRUCTURAL SYM SYMMETRICAL SYS SYSTEM	<b>T</b> T TREAD T&B TOP & BOTTOM T&B&T TAPE, BED, & TEXTURE TC TOP OF CURB TEL TELEPHONE TEMP TEMPERATURE THK THICK TILE TILE TLT TOILET TO TOP OF TOB TOP OF BEAM TOC TOP OF CONCRETE TOP TOP OF FOOTING TOP TOP OF PARAPET TOS TOP OF SLAB TRSH TRASH TRSH CH TRASH CHUTE TYP TYPICAL	<b>U</b> U/C UNDER COUNTER U/G UNDERGROUND UNO UNLESS NOTED OTHERWISE	<b>V</b> VAR VARIES VCT VINYL COMPOSITION VERT VERTICAL VEST VESTIBULE VWC VINYL WALL COVERING	<b>W</b> W WITH W/C WHEEL CHAIR W/O WITHOUT W WIDTH WP WATERPROOFING W/O WITHOUT WF WIDE FLANGE WL WIND LOAD WP WORK POINT WPO WORK POINT - POINT OF ORIGIN WPI WORK POINT - NUMBERED W/WP 6x6 W2.9/W2.9 WELDED REINFORCEMENT
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### MASTER KEYNOTES

03 3000 Cast-in-Place Concrete - See Structural for Reinforcement	05 5000 Metal Fabrications	05 5000.KPB Knife Plate Base Plate Connection - See Structural	06 1000 Rough Carpentry	06 1000.C 8x8 Column	06 1000.F12 2x12 Framing	06 1000.F4 2x4 Framing	06 1000.F6 2x6 Framing	06 1000.HD Header - See Structural	06 1000.PT Pressure Treated Sill Plate	06 1000.SH1 1/2" Plywood Sheathing	06 1516 Wood Roof Decking	06 1600 Sheathing	06 2000.PLY Sanded Plywood	06 2000.SWT Stained Wood Trim	06 4100 Architectural Wood Casework	07 2100.NB2 2" Nail Base Rigid Insulation Board	07 2100.RB1 1" Rigid Insulation Board	07 2100.SB Sound Batt	07 2126 Blown Insulation	07 2500 Weather Barriers	07 2500.FAMF Fluid Applied Membrane Flashing	07 4113 Metal Roof Panels	07 4113.UL Roof Underlayment	07 4623.CB Engineered Wood Corner Board	07 4623.LS Engineered Wood Lap Siding	07 4623.TR Engineered Wood Trim	07 6200 Sheet Metal Flashing and Trim	07 9200.LEF Low Expansion Foam Sealant	07 9200.S Sealant	07 9200.SBR Sealant and Backer Rod	07 9500 Expansion Control	08 1423 Clad Wood Doors	08 1613 Fiberglass Doors	08 3323 Overhead Coiling Doors	08 5400 Composite Windows	08 9100 Louvers	09 2116.GYP 1/2" Gypsum Wallboard	09 2116.L L Bead Accessory	09 3000.WT1 Porcelain Wall Tile & Grout	10 1400 Signage	10 2800 Toilet, Bath, and Laundry Accessories	11 1136 Vehicle Charging Equipment	11 3013 Residential Appliances	12 3600 Countertops
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### DRAWING SYMBOLS



### DRAWING INDEX

REVISION #	SHEET NUMBER	SHEET NAME
1	GS000	COVER PAGE
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AS200	ELEVATIONS AND SECTIONS	
AS400	ENLARGED PLANS AND ELEVS	
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SS003	SCHEDULES & TABLES	
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ES401	LIGHTING CONTROLS, NOTES, NOTES AND SCHEDULES	
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ES500	ELECTRICAL DETAILS	
ES501	ELECTRICAL DETAILS	
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TS500	TECHNOLOGY DETAILS	
<b>INTERIORS</b>		
IDS100	FURNITURE PLAN	

### REVISION SCHEDULE

REVISION #	REVISION DATE	REVISION DESCRIPTION
1	AUGUST 31, 2022	CITY COMMENTS
2	JANUARY 8, 2023	BID SET
4	MARCH 24, 2023	CONFORMANCE SET



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**GULF COAST CENTER**  
FOR ECOTOURISM & SUSTAINABILITY  
MAINTENANCE SHED PACKAGE  
GULF SHORES, ALABAMA

No.	Date	Revision	Includ
1	AUGUST 31, 2022	CITY COMMENTS	
2	JANUARY 8, 2023	BID SET	
4	MARCH 24, 2023	CONFORMANCE SET	

JOB	19-028.000
PROJECT STATUS	CONFORMANCE SET
DATE	MARCH 24, 2023
SHEET NAME	COVER SHEET
SHEET NO.	GS000

**BUILDING ENVELOPE**

OPAQUE THERMAL ENVELOPE INSULATION COMPONENT MINIMUM REQUIREMENTS (IECC TABLE C402.1.3)

BUILDING ELEMENT	MIN. R-VALUE**	R-VALUE PROVIDED	CODE
WALLS - WOOD FRAMED	20	20	2015 IECC - TABLE C402.1.3
ROOF	38	39	2015 IECC - TABLE C402.1.3
FLOORS - SLAB ON GRADE	NOT REQUIRED	0	2015 IECC - TABLE C402.1.3
CLIMATE ZONE	2A, BALDWIN COUNTY		2015 IECC - TABLE 301.1

**PLUMBING FIXTURE SCHEDULE (IBC TABLE 2902.1)**

OCC CLASS	OCCUPANT LOADS	WATER CLOSETS		LAVATORIES	DRINKING FOUNTAIN	OTHER
		MALE	FEMALE	MALE/FEMALE EACH		
B BUSINESS	8	1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR REMAINDER		1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE...	1 PER 100	1 SERVICE SINK
TOTAL REQ'D	8	0.16	0.16	0.1 EACH	0.08	
TOTAL PROVIDED		1	1	1	N/A	1 SERVICE SINK

**CODE REVIEW**

REFER SITE & CIVIL PACKAGE FOR ADDITIONAL INFORMATION SUCH AS FIRE DEPARTMENT ACCESS.

**APPLICABLE CODES**  
 2021 INTERNATIONAL BUILDING CODE  
 2021 INTERNATIONAL FIRE CODE  
 2021 INTERNATIONAL FUEL & GAS CODE  
 2021 INTERNATIONAL MECHANICAL CODE  
 2018 INTERNATIONAL PLUMBING CODE  
 2020 NATIONAL ELECTRICAL CODE (NFPA 70)  
 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN  
 CITY OF GULF SHORES SUPPLEMENTAL REQUIREMENTS

**GENERAL BUILDING HEIGHTS AND AREAS (Chapter 5)**  
 OCCUPANCY CLASSIFICATION: BUSINESS (GROUP B)  
 CONSTRUCTION TYPE: TYPE VB  
 AUTOMATIC SPRINKLER SYSTEM: NO  
 ALLOWABLE AREAS: B = 9,000 SF (NOT SPRINKLED)  
 ALLOWABLE HEIGHT ABOVE GRADE (V8): B = 40 FT  
 ALLOWABLE NUMBER OF STORIES (V8): B = 2 STORIES  
 PROJECT AREAS: 1,737 SF (UNDER ROOF)

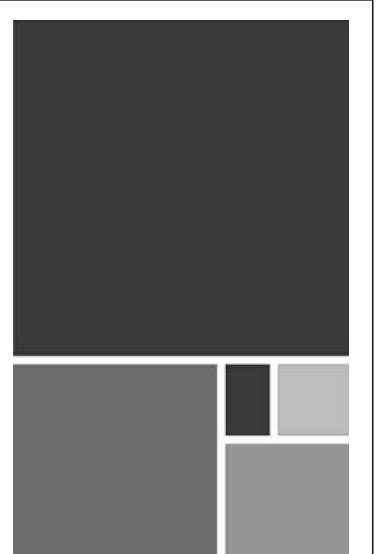
**TYPES OF CONSTRUCTION (Chapter 6)**  
 STRUCTURAL ELEMENTS CONSIST OF CONCRETE SLAB ON GRADE WITH WOOD FRAMED WALLS AND WOOD FRAMED ROOF.  
 NO FIRE-RESISTANT ASSEMBLIES REQUIRED FOR BUILDING ELEMENTS OR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE PER IBC TABLES 601 AND 705.5.

**MEANS OF EGRESS (Chapter 10)**  
 OCCUPANCIES: B  
 GROSS FLOOR AREAS: 645 SF (INTERIOR CONDITIONED)  
 480 SF (EXTERIOR COVERED)  
 1,125 SF TOTAL  
 OCCUPANT LOAD: 8 TOTAL  
 REQ'D EXIT WIDTH: 8 x 0.2 = 1.6'  
 REFER PLAN 1  
 REQ'D EXIT AMT: 1  
 EXITS PROVIDED: REFER PLAN FOR EXITS AND EXIT ACCESS  
 TRAVEL DISTANCE ALLOWED: 200 FT (NONSPRINKLED)  
 MAX COMMON PATH: 75 FT (NONSPRINKLED)

**ACCESSIBILITY (CHAPTER 11)**  
 ACCESSIBLE ROUTES AND ENTRANCES ARE PROVIDED FOR IN THE DESIGN.  
 REFER SITE & CIVIL PACKAGE FOR ACCESSIBLE PARKING REQUIREMENTS AND LOCATIONS.  
 REFER ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS FOR ACCESSIBILITY REQUIREMENTS AT RESTROOMS AND OTHER FIXTURES AND EQUIPMENT.

**PLUMBING FIXTURES (CHAPTER 29)**  
 REFER PLUMBING FIXTURE SCHEDULE THIS SHEET FOR REQUIREMENTS AT THIS BUILDING.  
 SEPARATE FACILITIES NOT PROVIDED PER EXCEPTION 4 OF IBC 2902.2.  
 FAMILY-ASSISTED RESTROOM PROVIDED AT WELCOME HUB.  
 REFER SITE & CIVIL PACKAGE FOR PLUMBING REQUIREMENTS FOR ENTIRE CAMPUS AND LOCATIONS OF PROVIDED FACILITIES.

**BUILDING ENVELOPE**  
 REFER TO PROVIDED TABLE ON THIS SHEET.



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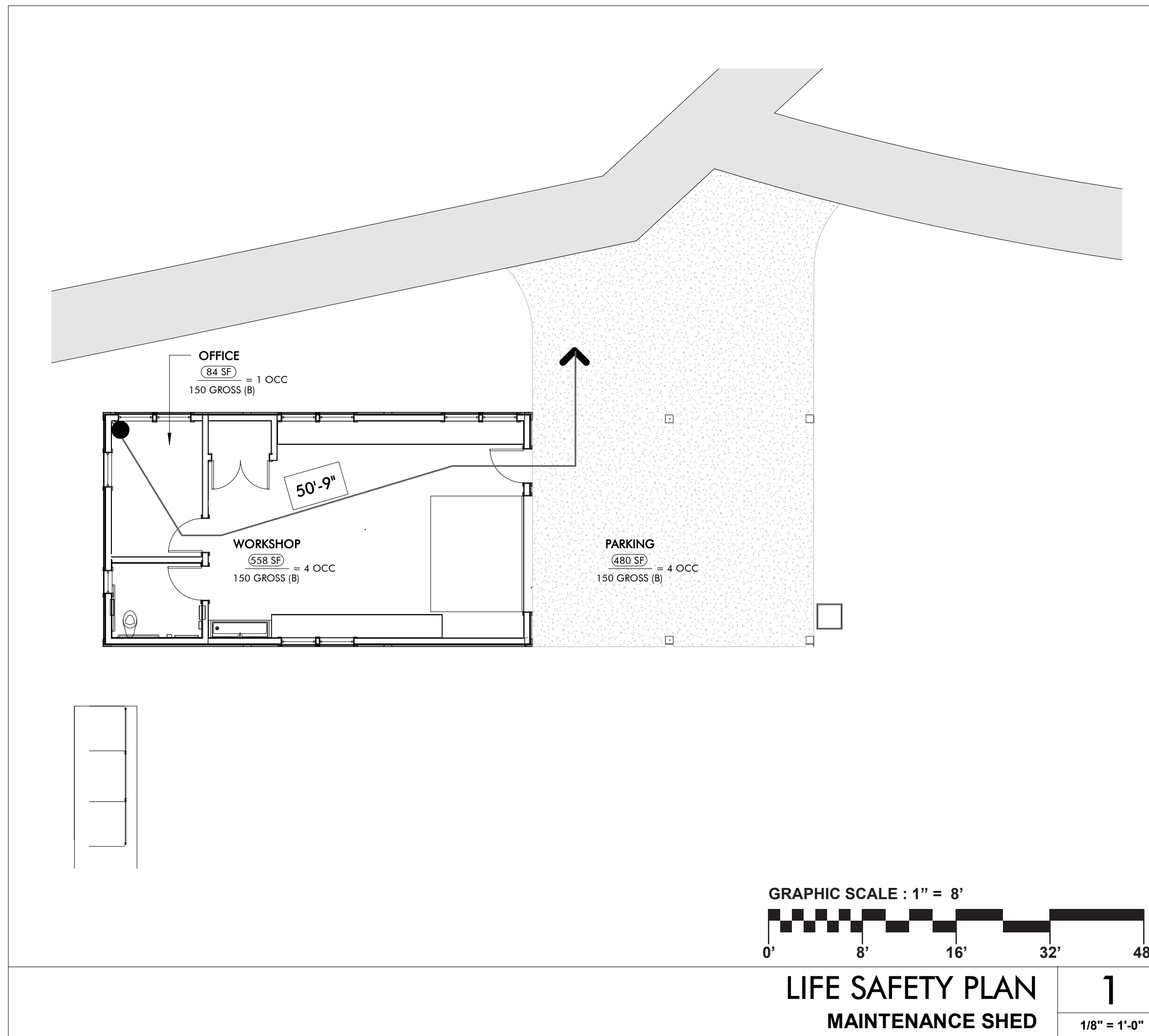
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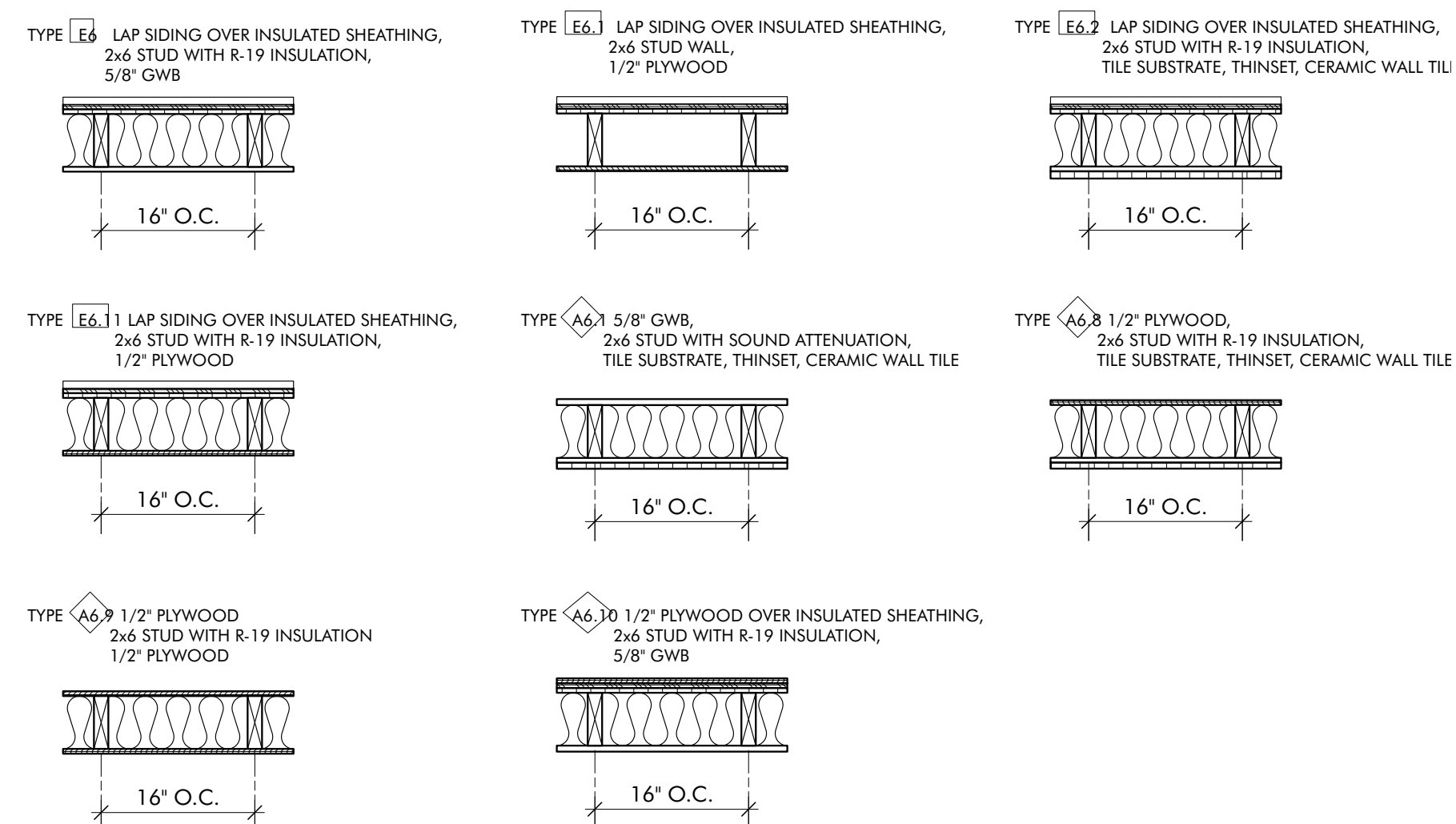


**SHEET SPECIFIC NOTES**

**GRAPHIC LEGEND**

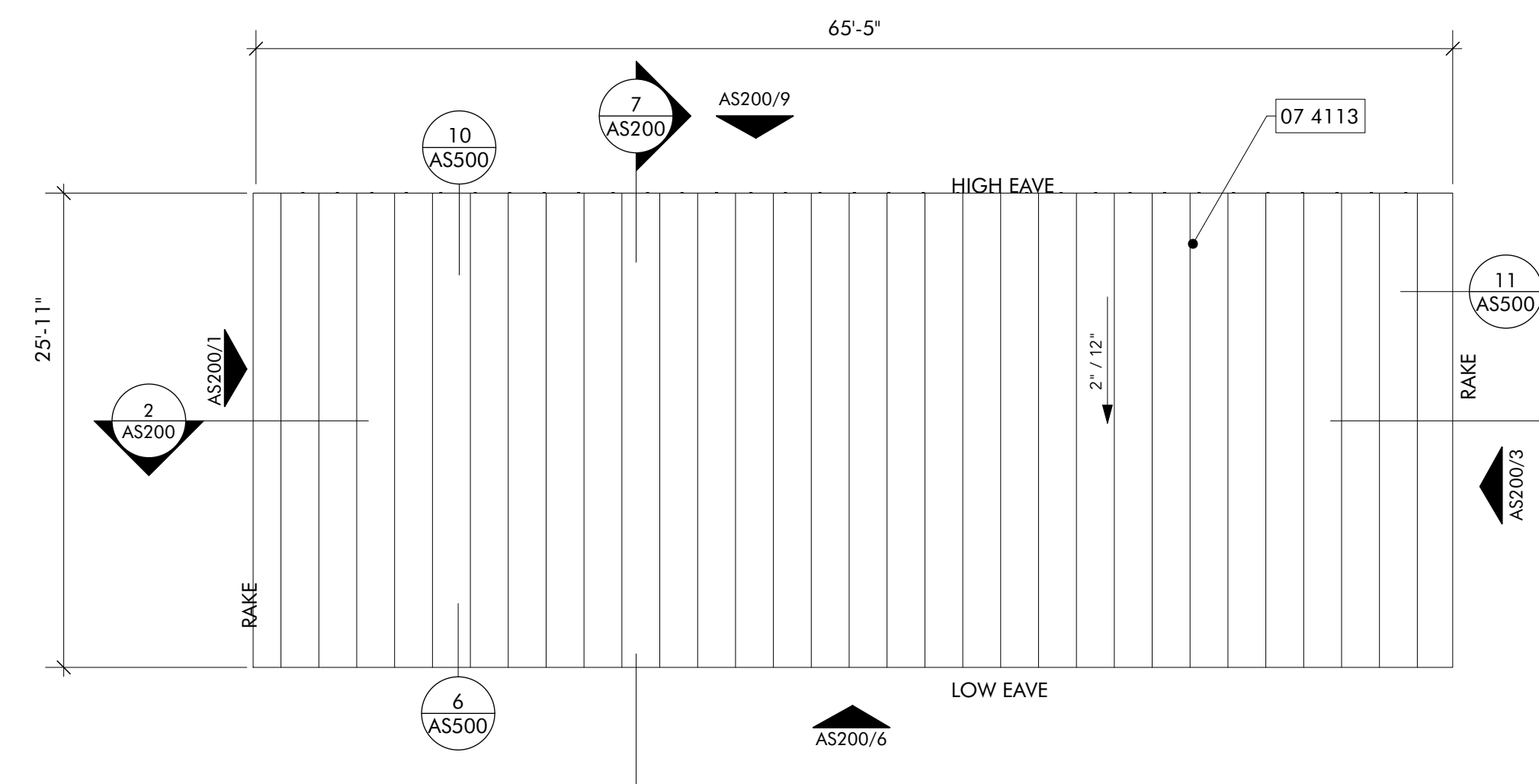
- PATH OF TRAVEL BEGINNING
- POINT OF TRAVEL DIVERGENCE
- PATH DISCHARGE TO PUBLIC RIGHT OF WAY
- 112'-7" TOTAL EGRESS TRAVEL DISTANCE
- 112'-7" COMMON PATH OF EGRESS TRAVEL DISTANCE
- EXIT OR EXIT ACCESS
- FIRE EXTINGUISHER LOCATION
- 1-HOUR FIRE BARRIER OR FIRE RESISTANT ASSEMBLY

Job No.	19-028.000
Project Status	CONFORMANCE SET
Date	MARCH 24, 2023
Sheet Name	CODE REVIEW & LIFE SAFETY
Sheet No.	GS010

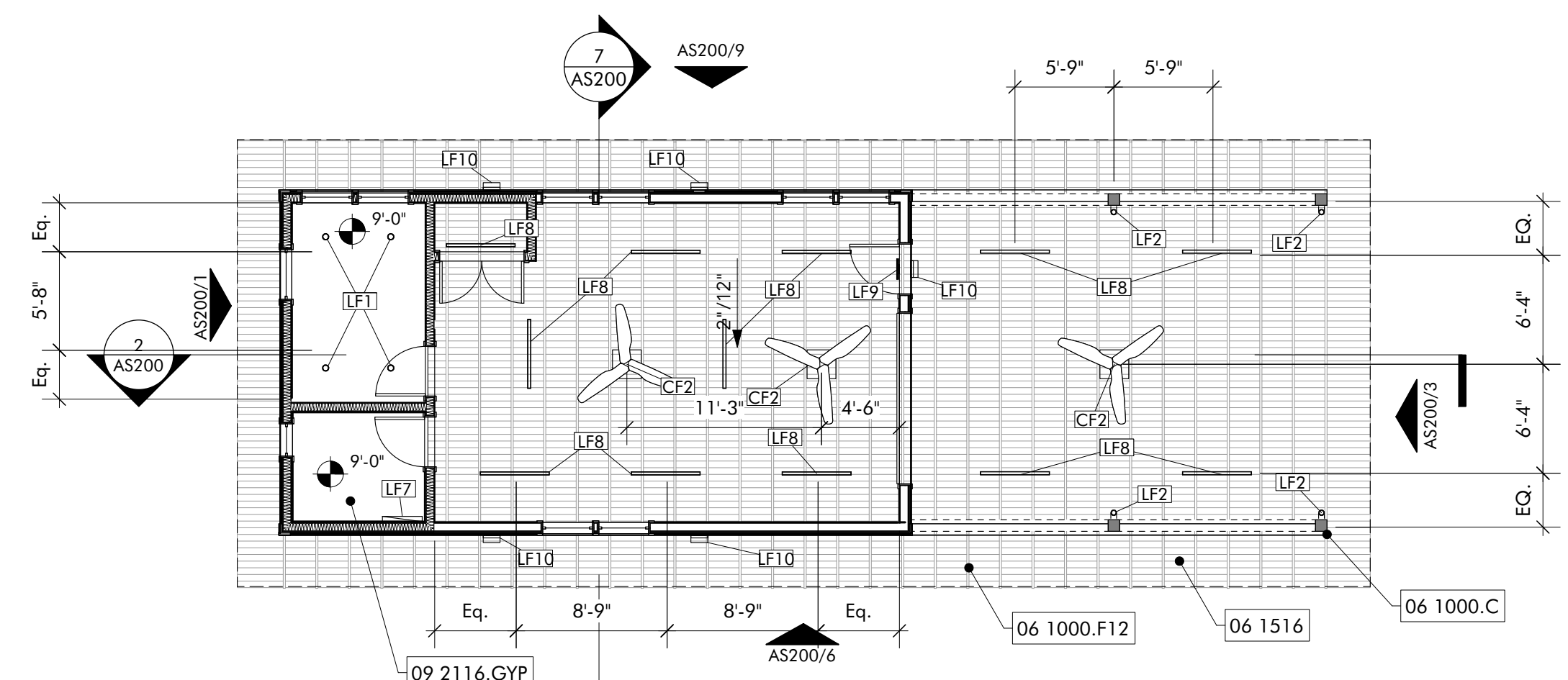


- WALL TYPE NOTES:
- SEE PLAN FOR WALL TYPE LOCATIONS
  - SEE FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR TYPE AND EXTENT OF ALL FINISHES
  - SEE PLAN AND SECTION DETAILS FOR WALL CONSTRUCTION

**WALL TYPE LEGEND** **02**  
MAINTENANCE SHED 3/4" = 1'-0"



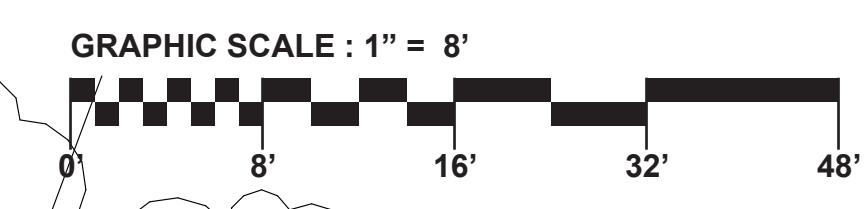
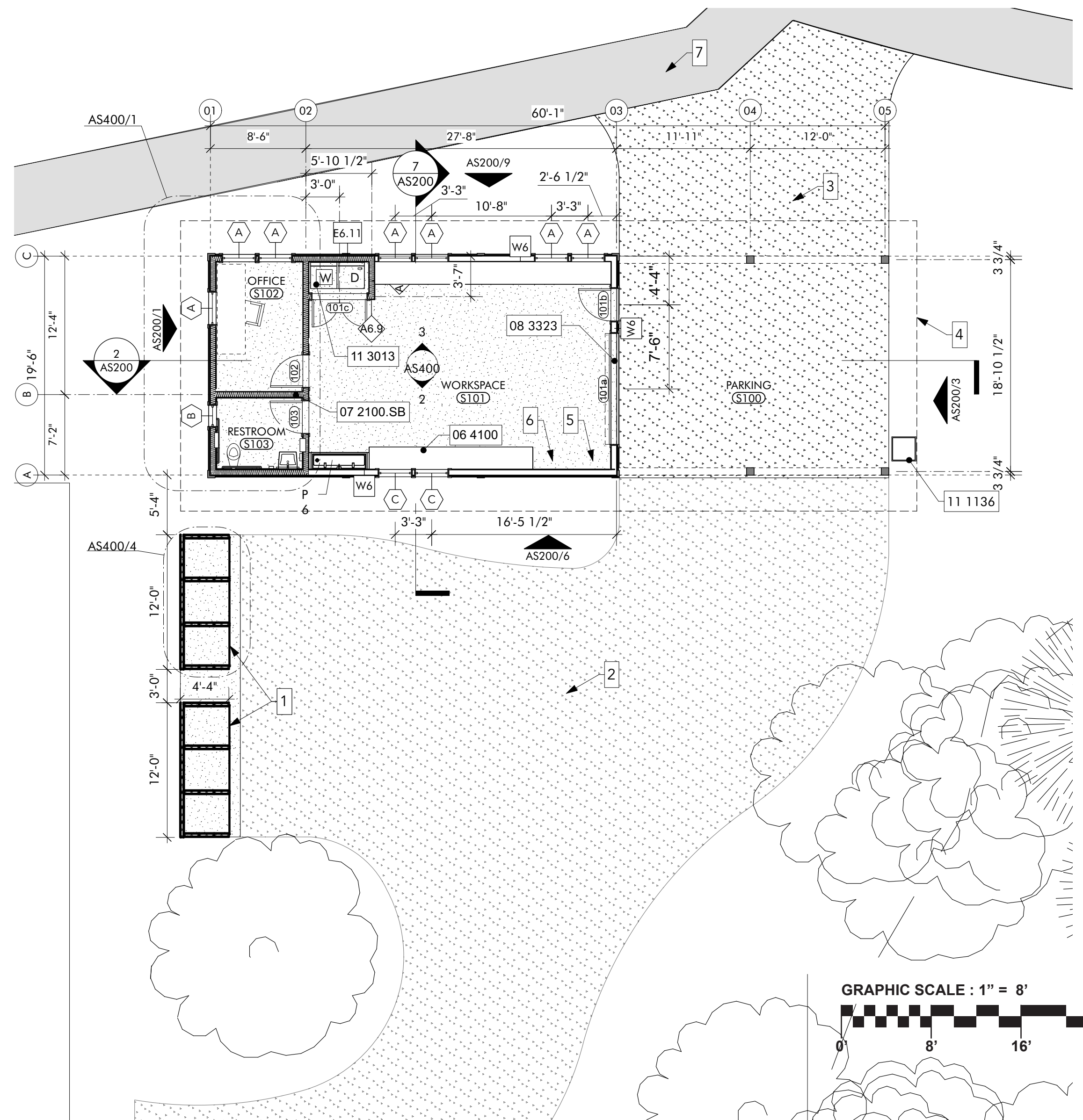
**ROOF PLAN** **03**  
MAINTENANCE SHED 1/8" = 1'-0"



**LIGHT FIXTURE SCHEDULE - MAINTENANCE SHED**

MARK	QTY	MFR	MODEL	MOUNTING	NOTES

**REFLECTED CEILING PLAN** **02**  
MAINTENANCE SHED 1/8" = 1'-0"



**FLOOR PLAN** **01**  
MAINTENANCE SHED 1/8" = 1'-0"

- KEYNOTES**
- |             |                             |
|-------------|-----------------------------|
| 06 1000.C   | 8X8 Column                  |
| 06 1000.F12 | 2x12 Framing                |
| 06 1516     | Wood Roof Decking           |
| 06 4100     | Architectural Wood Casework |
| 07 2100.SB  | Sound Batt                  |
| 07 4113     | Metal Roof Panels           |
| 08 3323     | Overhead Ceiling Doors      |
| 09 2116.GYP | 1/2" Gypsum Wallboard       |
| 11 1136     | Vehicle Charging Equipment  |
| 11 3013     | Residential Appliances      |

**NOT FOR CONSTRUCTION**

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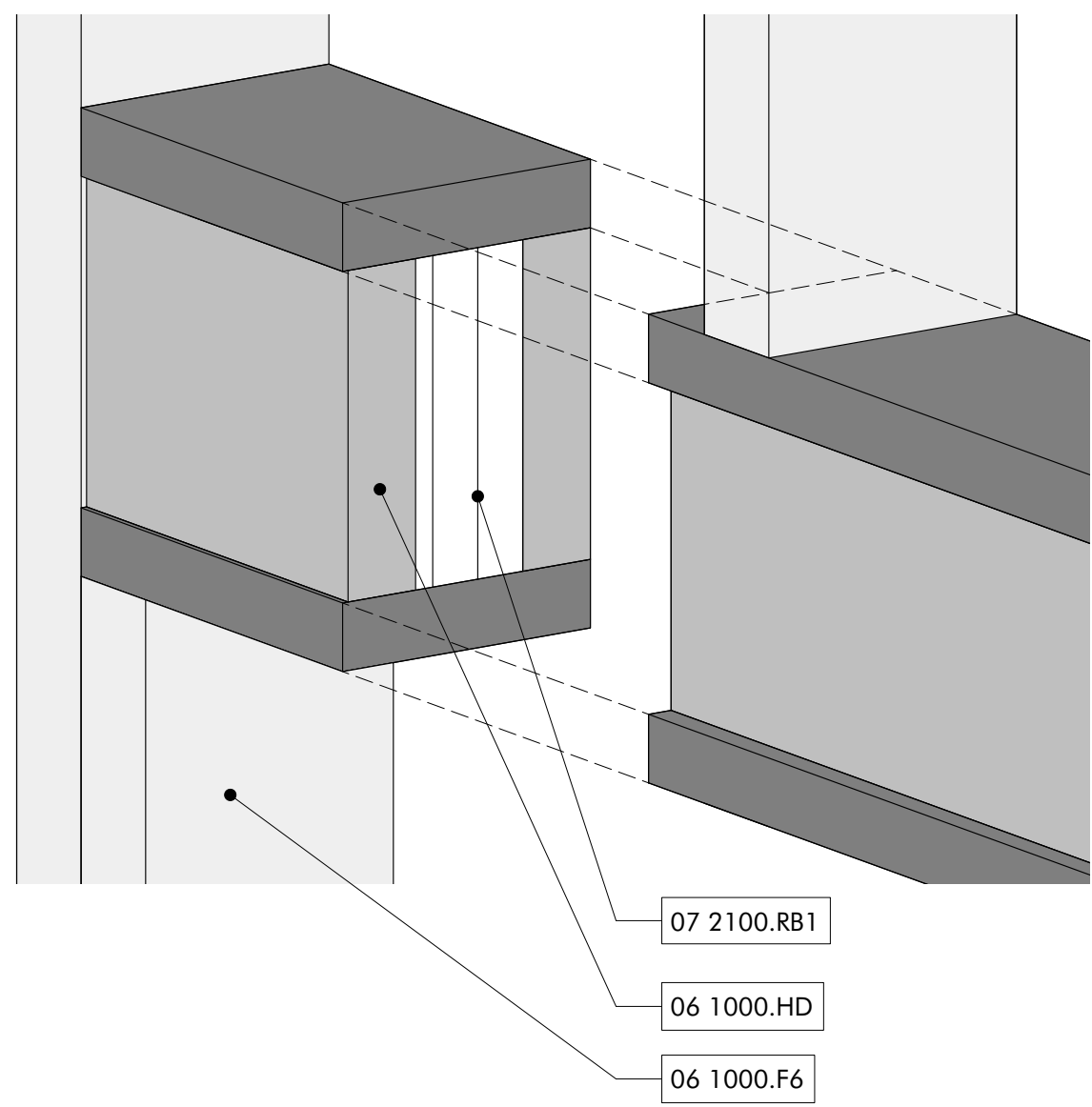
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- GENERAL NOTES**
- REFER TO SITE & CIVIL PACKAGE FOR BUILDING LOCATION ON SITE.
  - REFER TO STRUCTURAL PACKAGE FOR FRAMING SCHEDULE, WINDOW LEGEND, AND DOOR SCHEDULE
  - REFER ASS01 SCHEDULES FOR ROOM FINISHES SCHEDULE, WINDOW LEGEND, AND DOOR SCHEDULE
  - GRIDLINES - LOCATED ON CENTERLINES OF STRUCTURAL COLUMNS UNLESS OTHERWISE NOTED. REFER DETAIL ASS00/XX FOR ALIGNMENT WITH OTHER STRUCTURAL ELEMENTS
  - EXTERIOR WALLS - DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE NOTED. REFER DETAIL ASS00/XX FOR ALIGNMENT WITH OTHER STRUCTURAL ELEMENTS.
  - INTERIOR WALLS - DIMENSIONS ARE TO CENTERLINE OF STUD UNLESS OTHERWISE NOTED.
  - OPENINGS - DIMENSIONS ARE TO CENTERLINE OF OPENING (DOOR OR WINDOW) UNLESS OTHERWISE NOTED. REFER TO ASS01 SCHEDULES FOR DOOR AND WINDOW SIZES
  - ALL EXPOSED WOOD STAINED, SEE SPECIFICATIONS

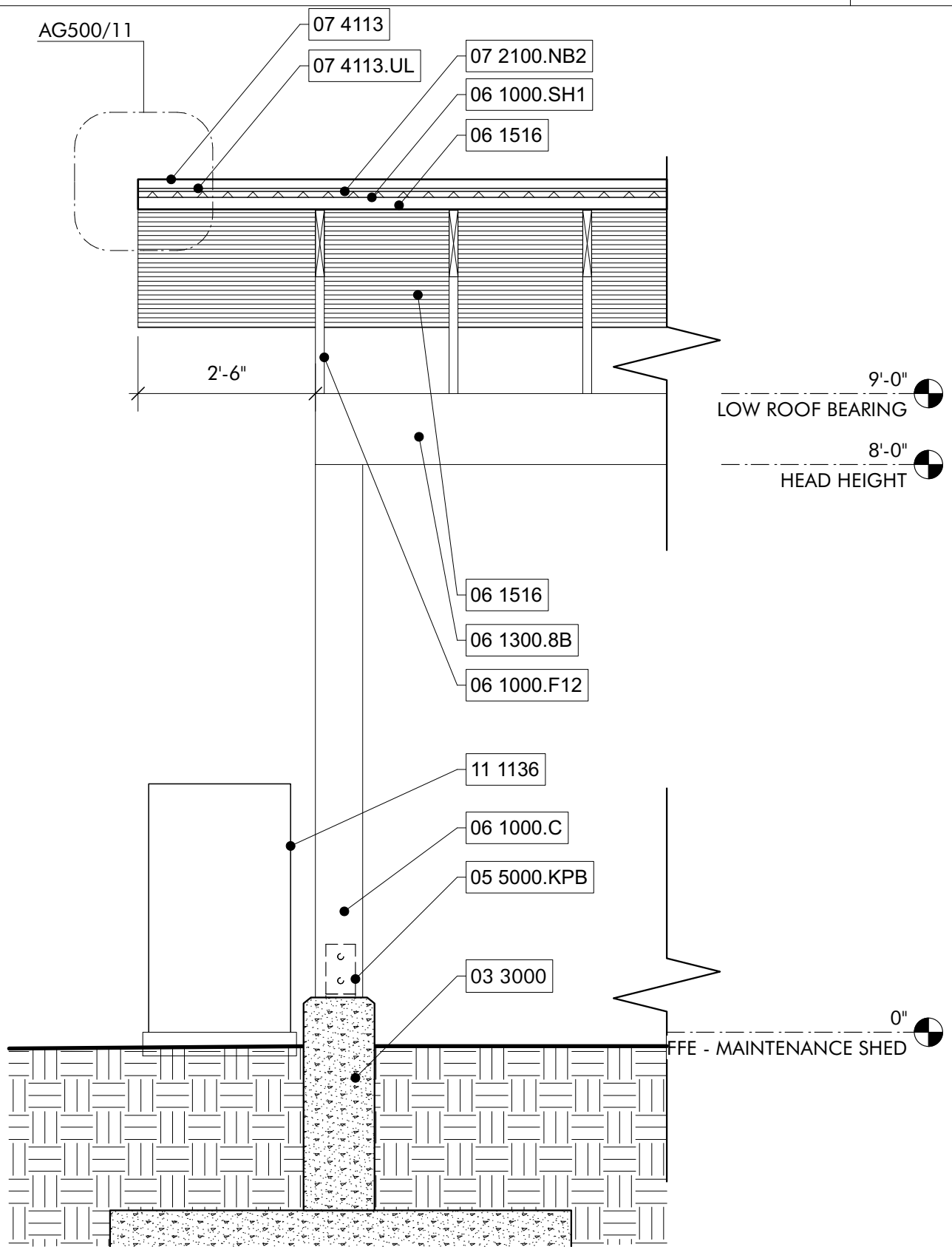
- SHEET SPECIFIC NOTES**
- THREE COMPARTMENT COMPOST BIN
  - GRAVEL COURTYARD
  - GRAVEL DRIVEWAY
  - LINE OF ROOF ABOVE
  - AIR COMPRESSOR, OFOI
  - WOOD STORAGE, OFOI
  - ASPHALT PATH

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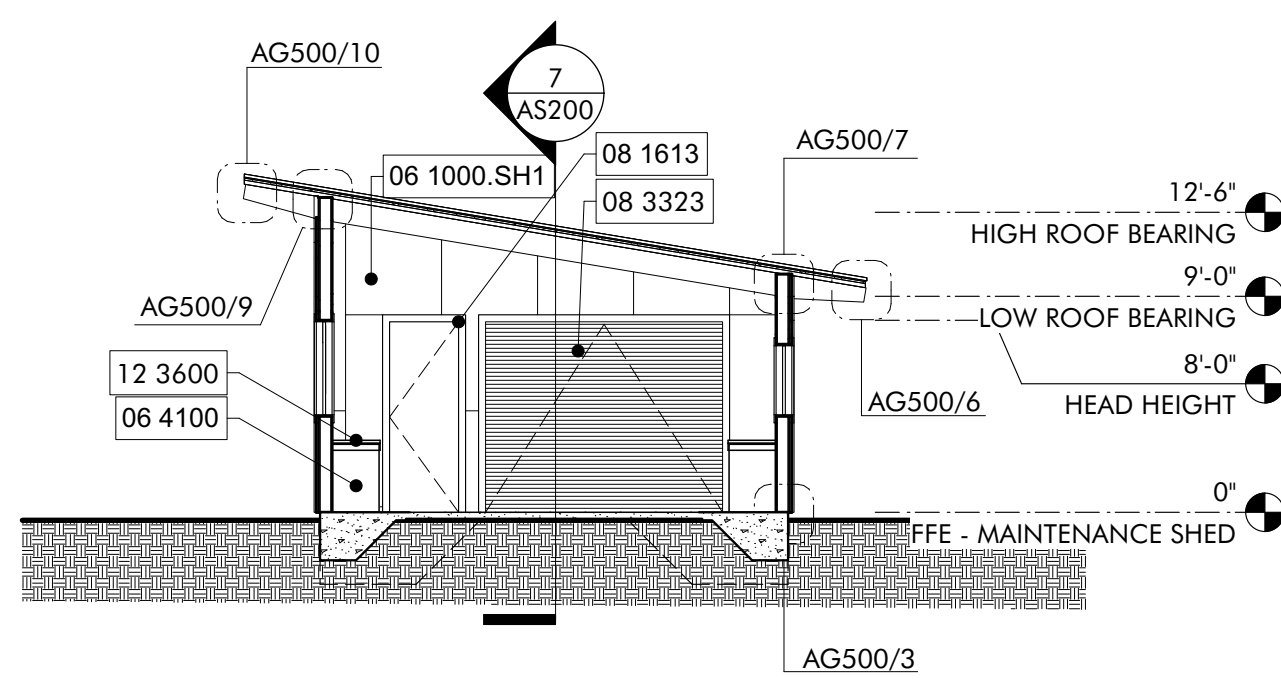
NO.	DATE	BY	CHKD.	REVISION
JOB				
19-028.000				
PROJECT STATUS				
CONFORMANCE SET				
DATE				
MARCH 24, 2023				
SHEET NAME				
FLOOR PLANS				
SHEET NO.				
AS120				



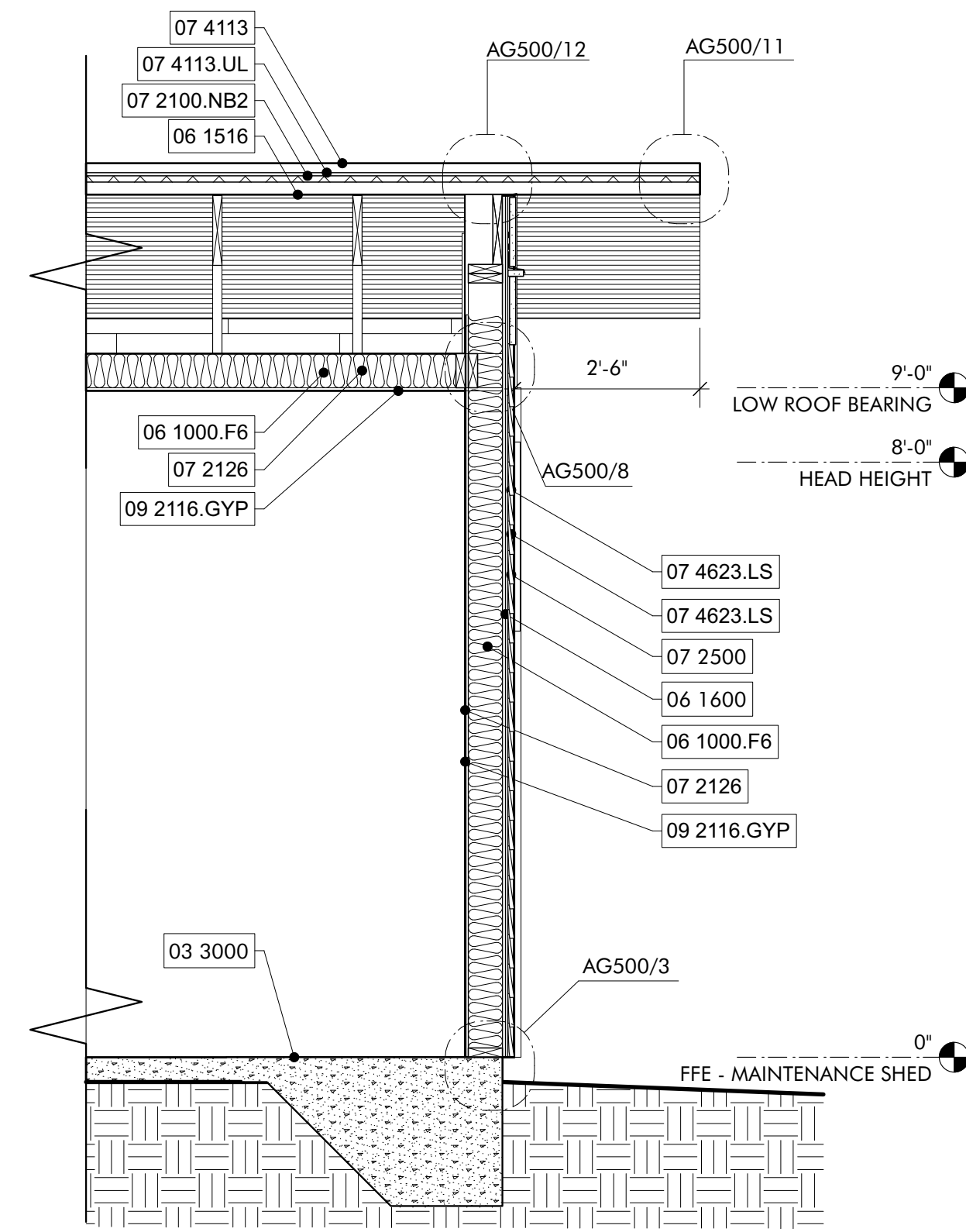
**TYPICAL INSULATED HEADER** 08  
3" = 1'-0"



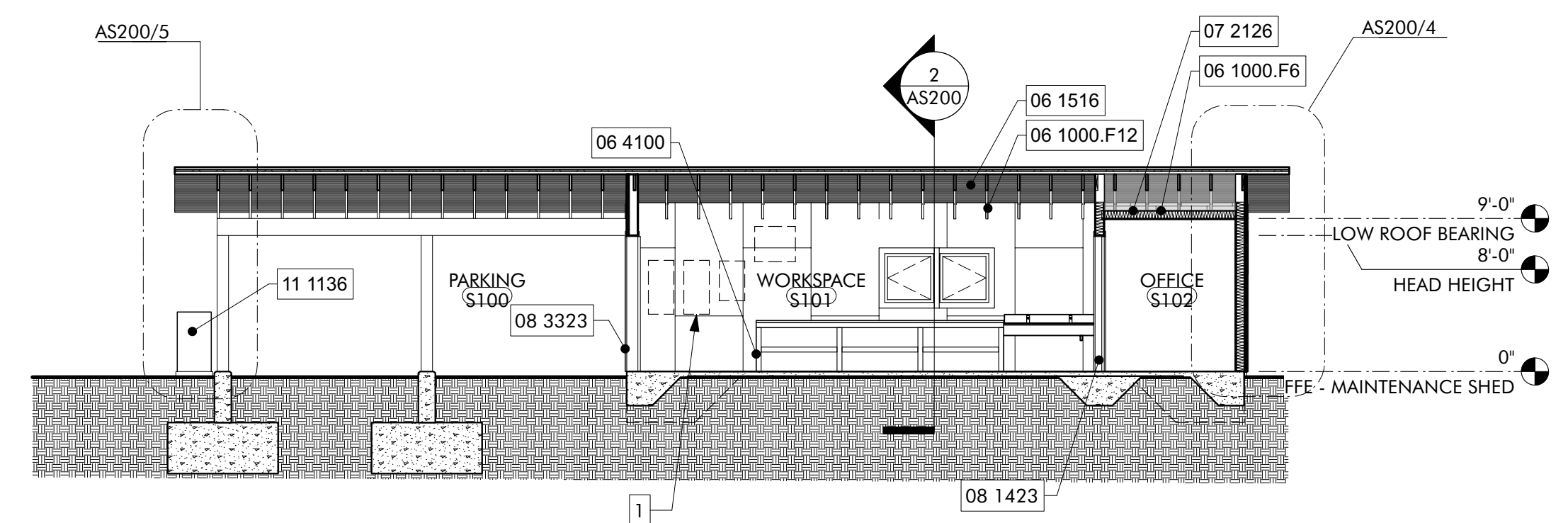
**WALL SECTION** 05  
1/2" = 1'-0"



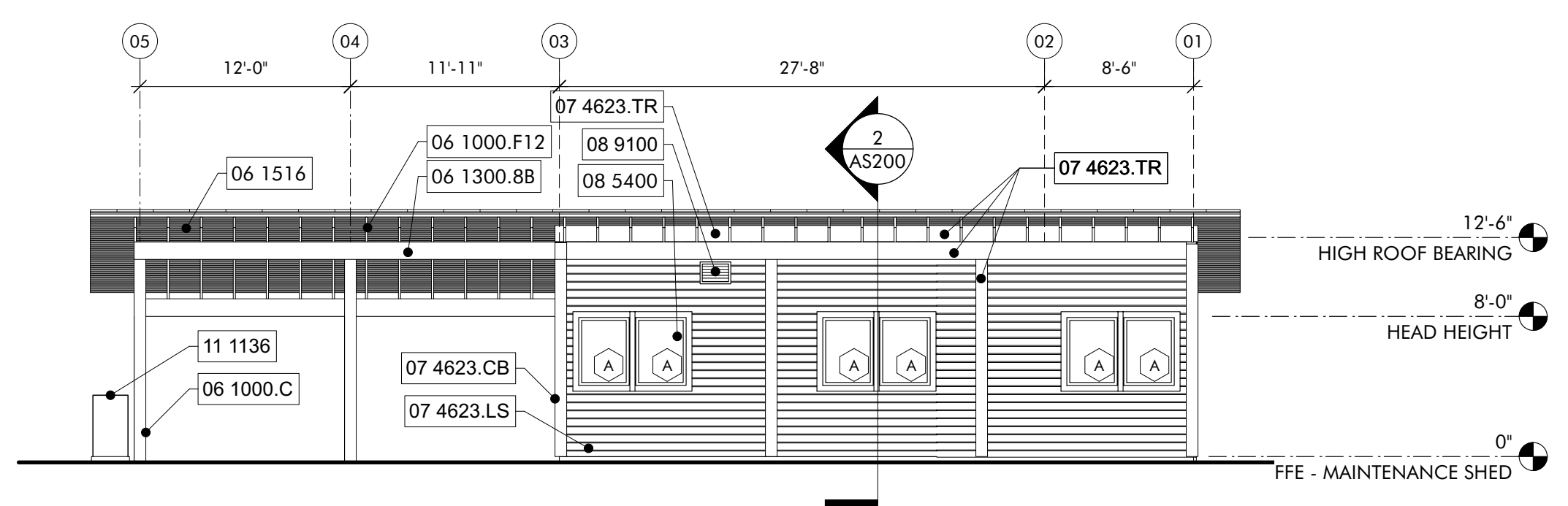
**BUILDING SECTION** 07  
1/8" = 1'-0"



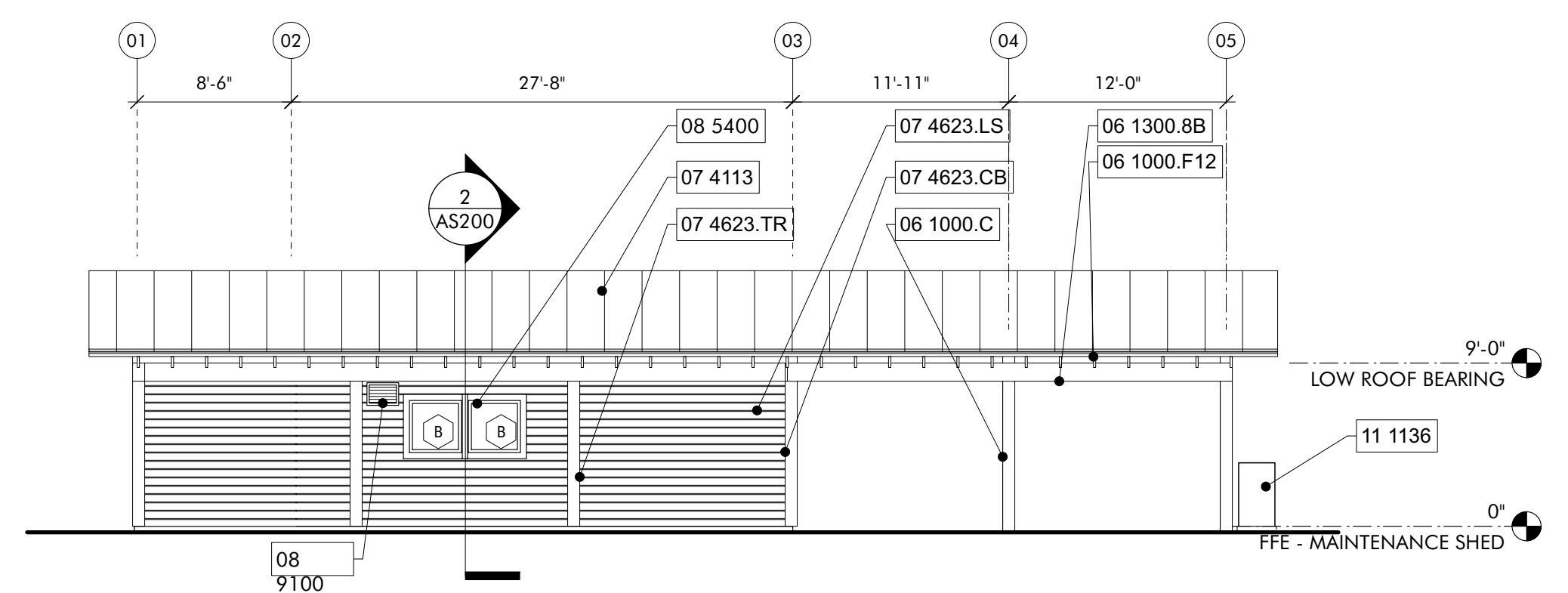
**WALL SECTION** 04  
1/2" = 1'-0"



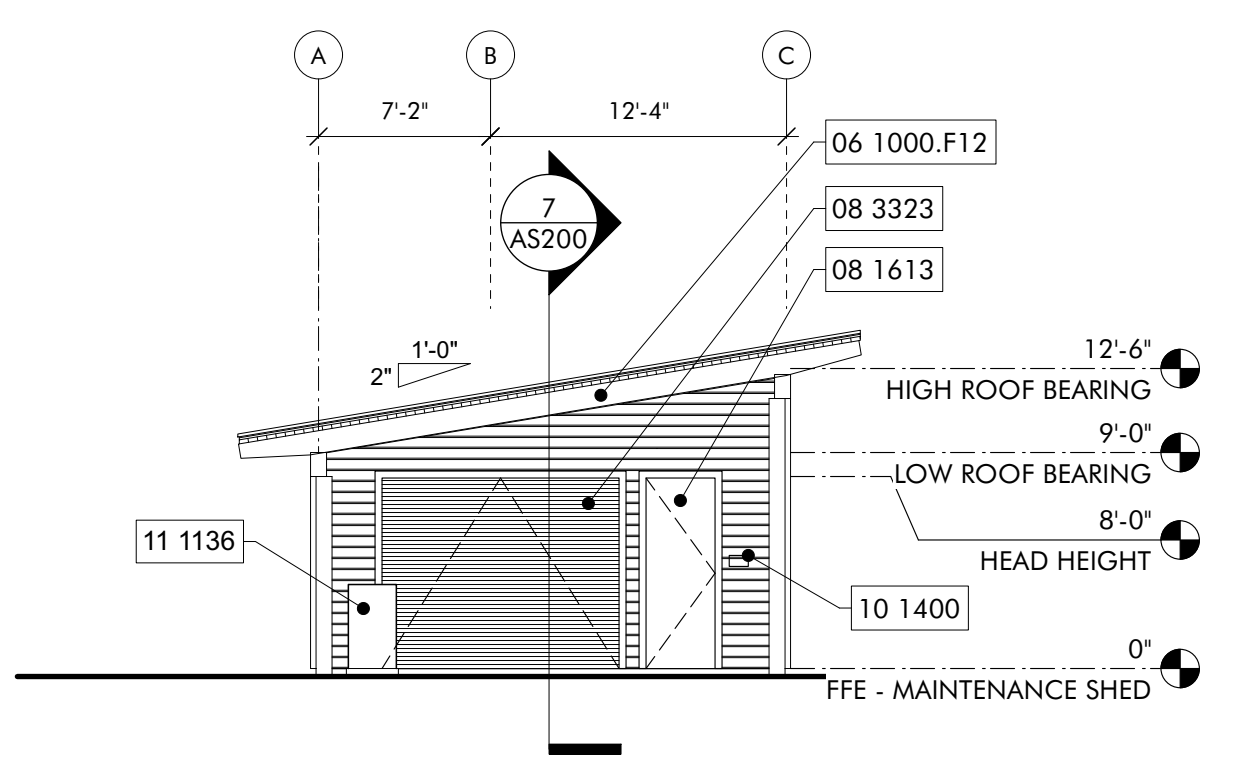
**BUILDING SECTION** 02  
1/8" = 1'-0"



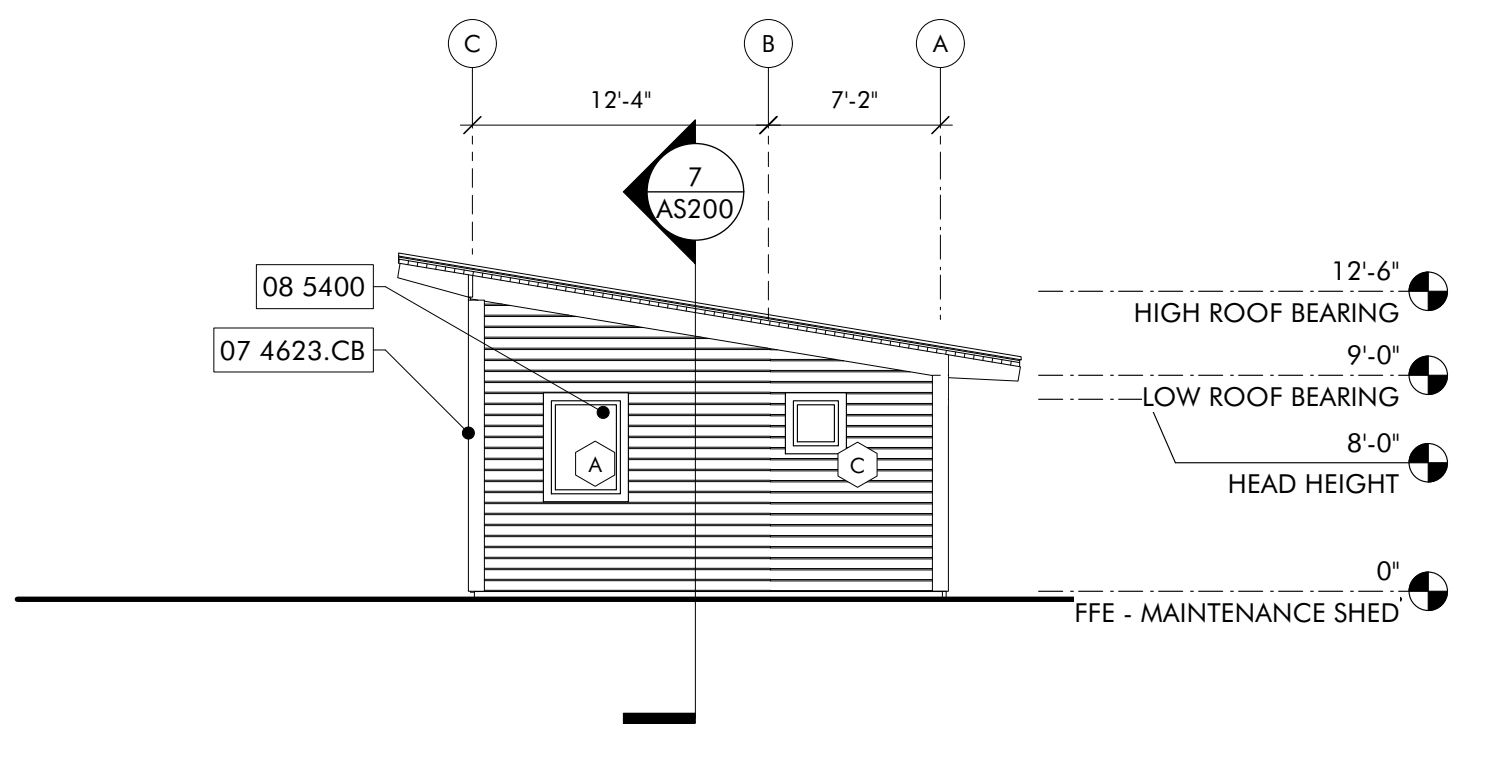
**EXTERIOR ELEVATION** 09  
MAINTENANCE SHED - NORTH  
1/8" = 1'-0"



**EXTERIOR ELEVATION** 06  
MAINTENANCE SHED - SOUTH  
1/8" = 1'-0"



**EXTERIOR ELEVATION** 03  
MAINTENANCE SHED - EAST  
1/8" = 1'-0"



**EXTERIOR ELEVATION** 01  
MAINTENANCE SHED - WEST  
1/8" = 1'-0"

- KEYNOTES**
- 03 3000 Cast-in-Place Concrete - See Structural for Reinforcement
  - 05 5000.KPB Knife Plate Base Plate Connection - See Structural
  - 06 1000.C 8X8 Column
  - 06 1000.F12 2x12 Framing
  - 06 1000.F6 2x6 Framing
  - 06 1000.HD Header - See Structural
  - 06 1000.SH1 1/2" Plywood Sheathing
  - 06 1300.8B 8x12 Beam
  - 06 1516 Wood Roof Decking
  - 06 1516 Wood Decking
  - 06 1600 Sheathing
  - 06 4100 Architectural Wood Casework
  - 07 2100.NB2 2" Nail Base Rigid Insulation Board
  - 07 2100.RB1 1" Rigid Insulation Board
  - 07 2126 Blown Insulation
  - 07 2500 Weather Barriers
  - 07 4113 Metal Roof Panels
  - 07 4113.LUL Roof Underlayment
  - 07 4623.CB Engineered Wood Corner Board
  - 07 4623.LS Engineered Wood Lap Siding
  - 07 4623.TR Engineered Wood Trim
  - 08 1423 Clad Wood Doors
  - 08 1613 Fiberglass Doors
  - 08 3323 Overhead Coiling Doors
  - 08 5400 Composite Windows
  - 08 9100 Louvers
  - 09 2116.GYP 1/2" Gypsum Wallboard
  - 10 1400 Signage
  - 11 1136 Vehicle Charging Equipment
  - 12 3600 Counter tops

- GENERAL NOTES**
- REFER ASS01 SCHEDULES FOR ROOM FINISHES SCHEDULE, WINDOW LEGEND, AND DOOR SCHEDULE
  - ALL EXPOSED WOOD STAINED, SEE SPECIFICATIONS

- SHEET SPECIFIC NOTES**
- ELECTRICAL PANELS, SEE ELECTRICAL PACKAGE

**NOT FOR CONSTRUCTION**

**ARCHITECTURE WORKS**

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Building Sustainability

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Fairhope, AL 36532  
p 251.929.0514

**GULF COAST CENTER**  
FOR ECOTOURISM & SUSTAINABILITY  
MAINTENANCE SHED PACKAGE  
GULF SHORES, ALABAMA

NO.	DATE	BY	CHKD	APPV	REVISION	DATE	BY	CHKD	APPV	REVISION

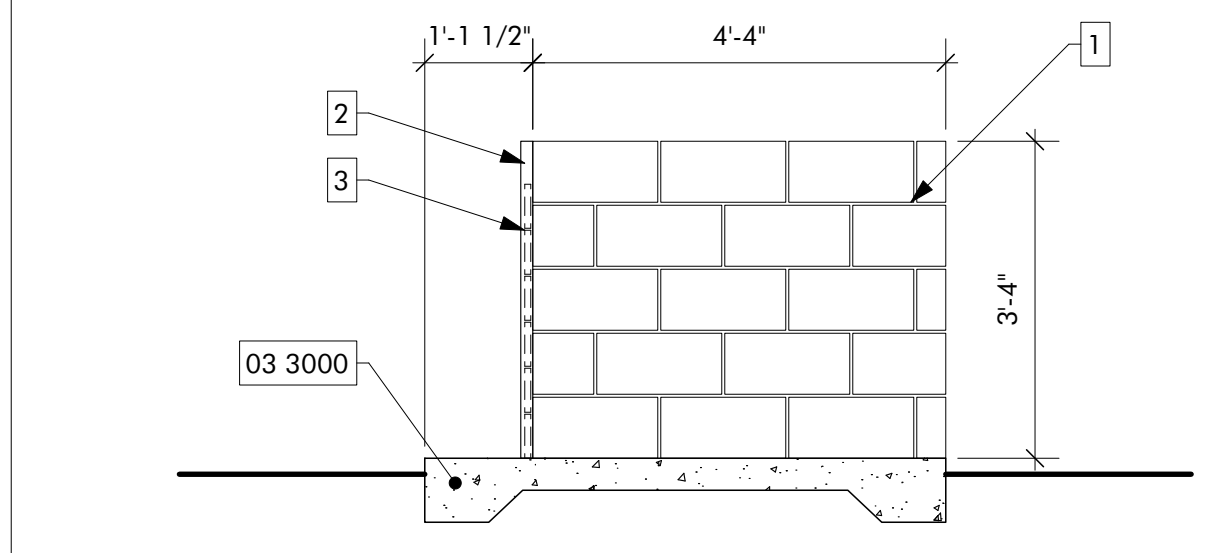
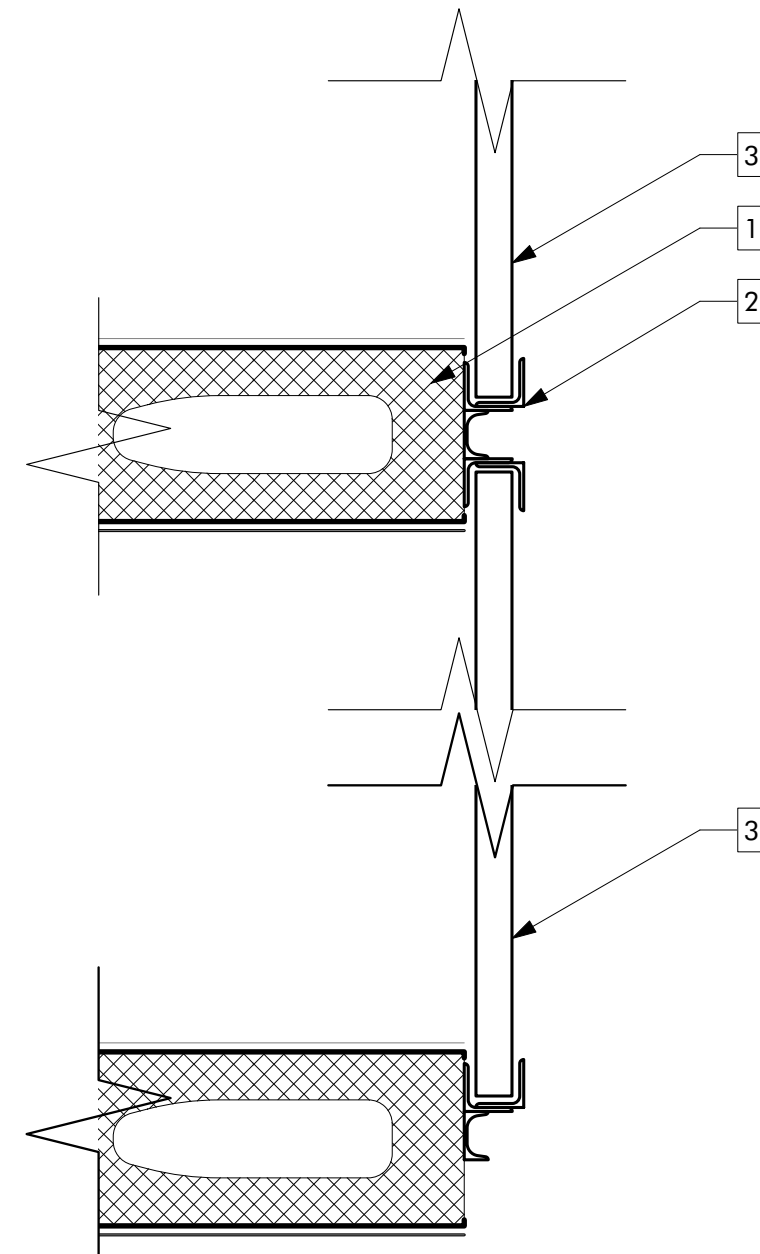
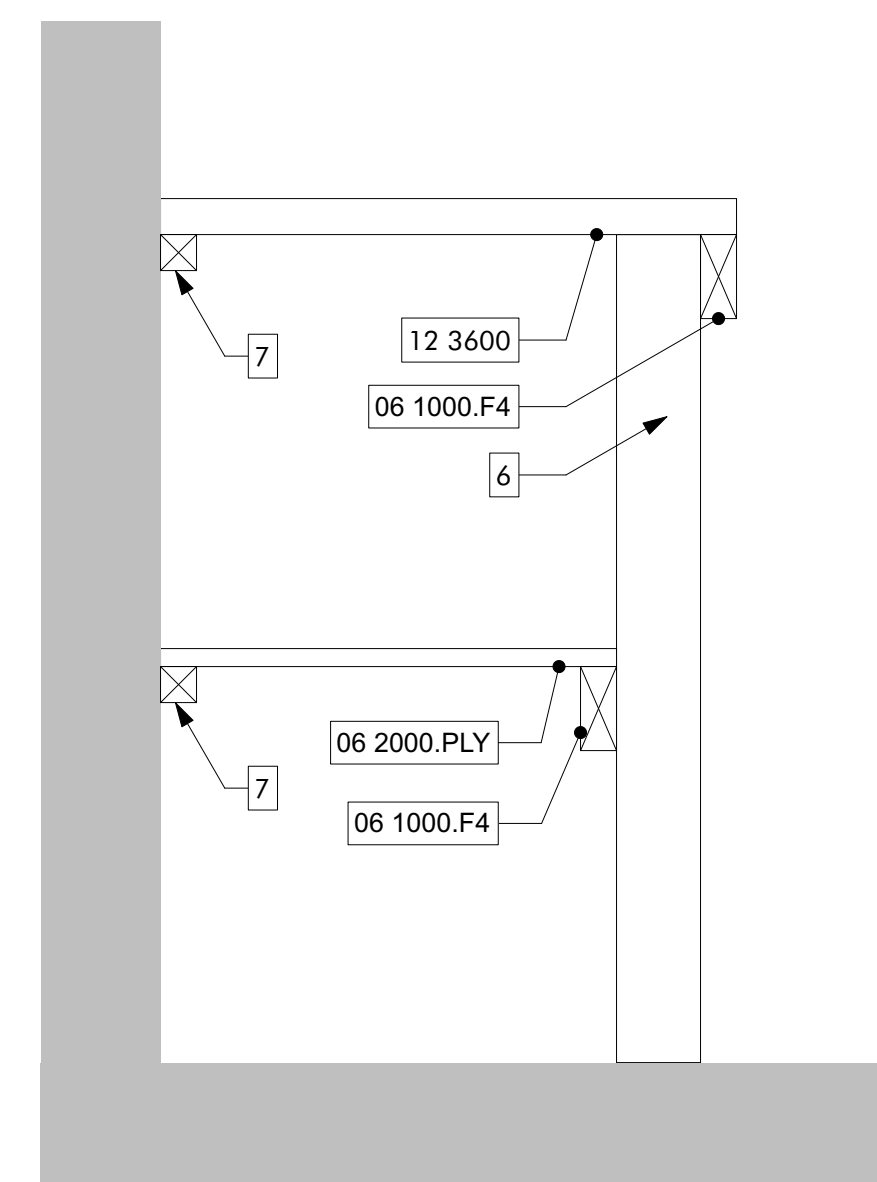
JOB: 19-028.000

PROJECT STATUS: CONFORMANCE SET

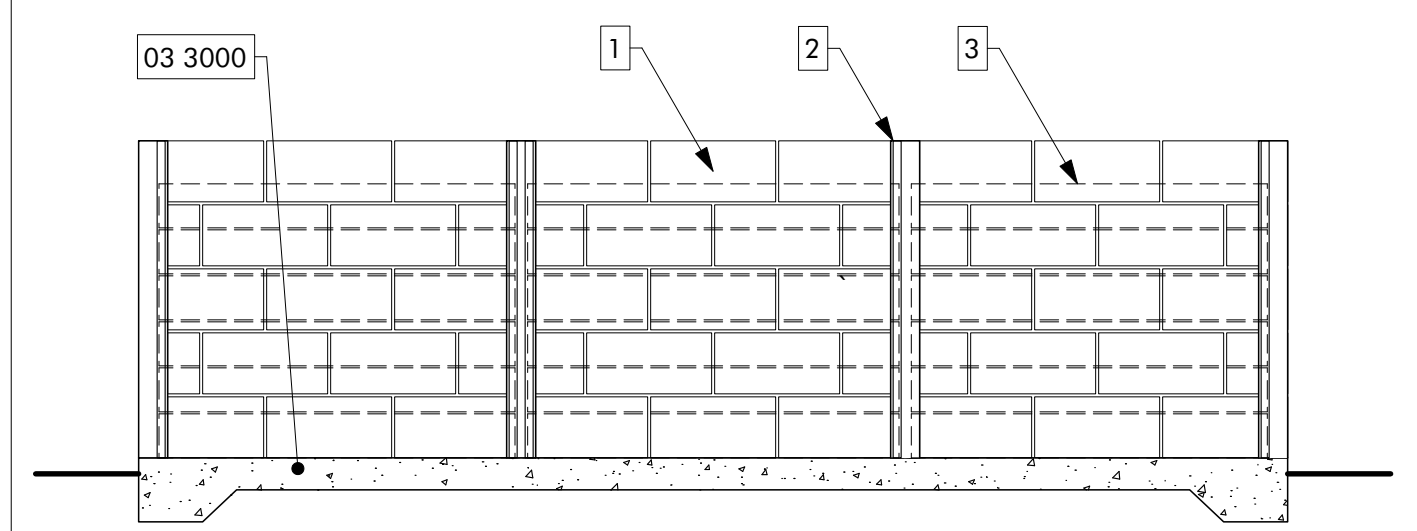
DATE: MARCH 24, 2023

SHEET NAME: ELEVATIONS AND SECTIONS

SHEET NO.: AS200



**SIDE COMPOST ELEVATION**  
MAINTENANCE SHED 10  
1/2" = 1'-0"



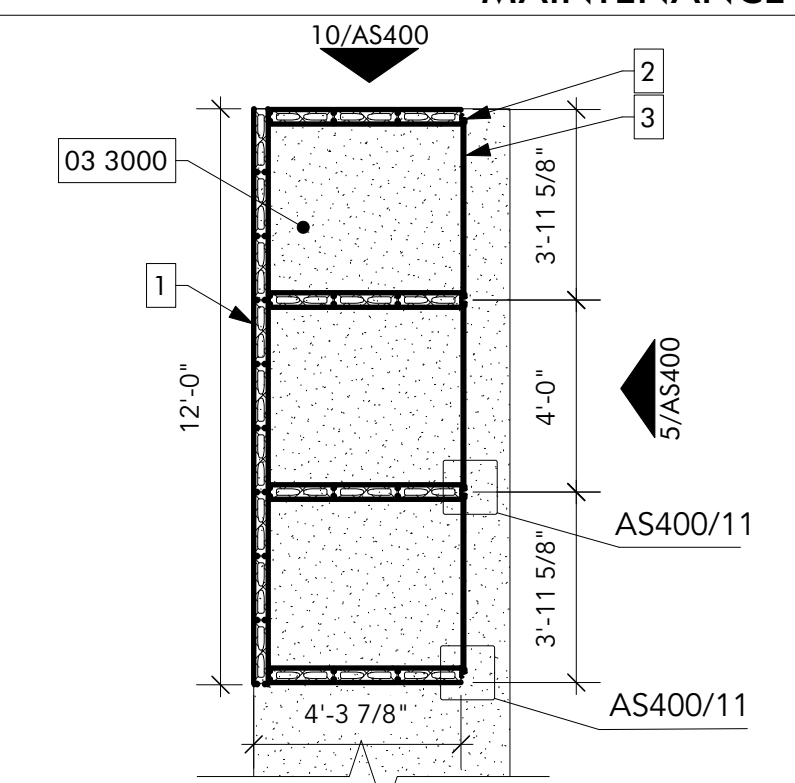
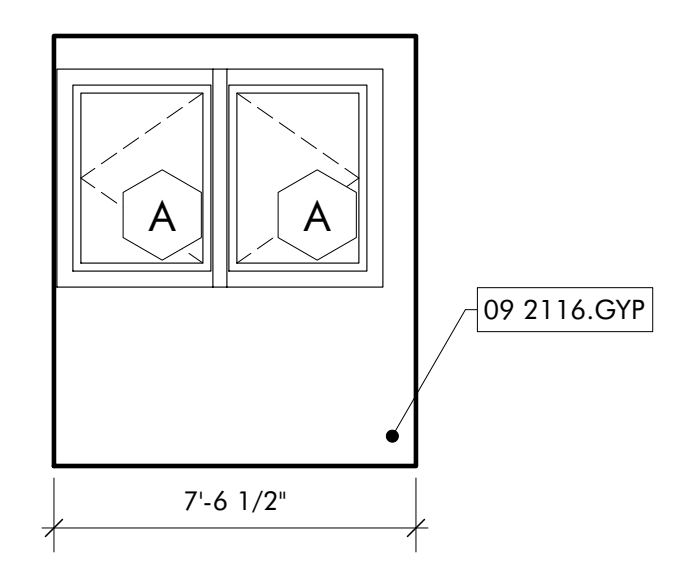
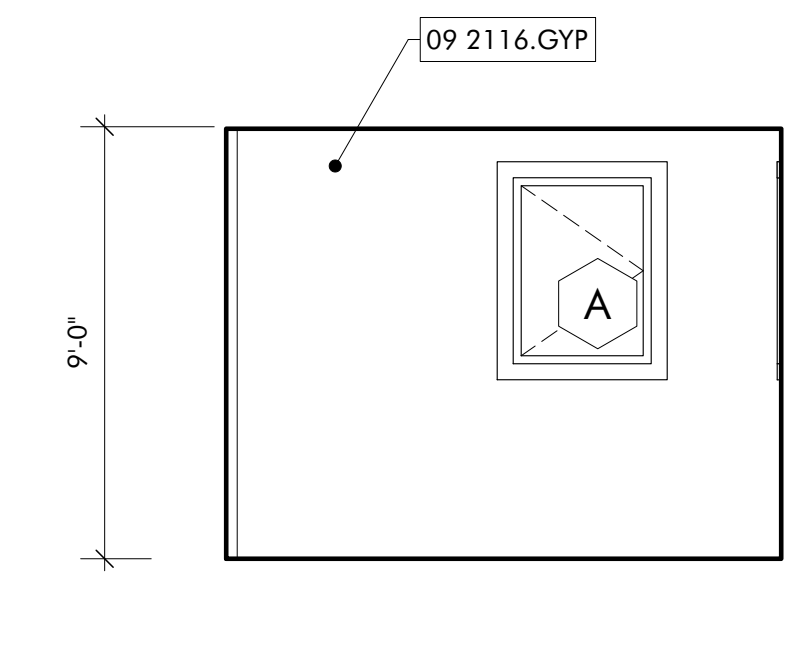
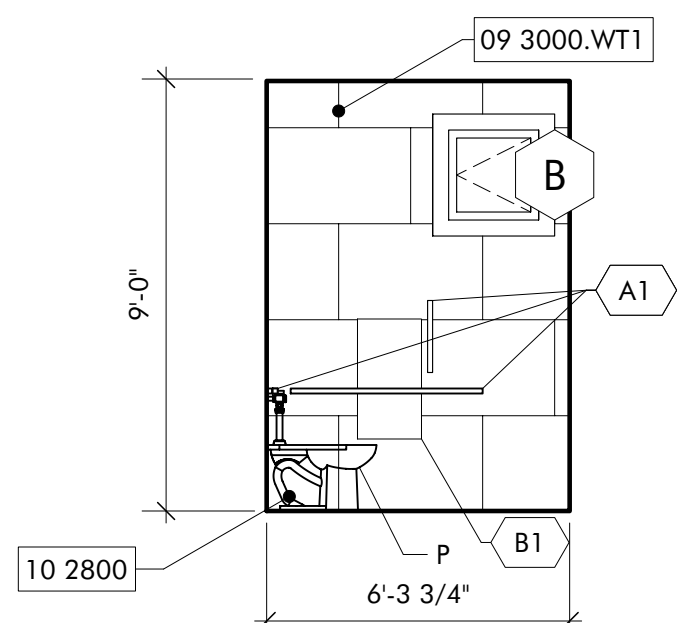
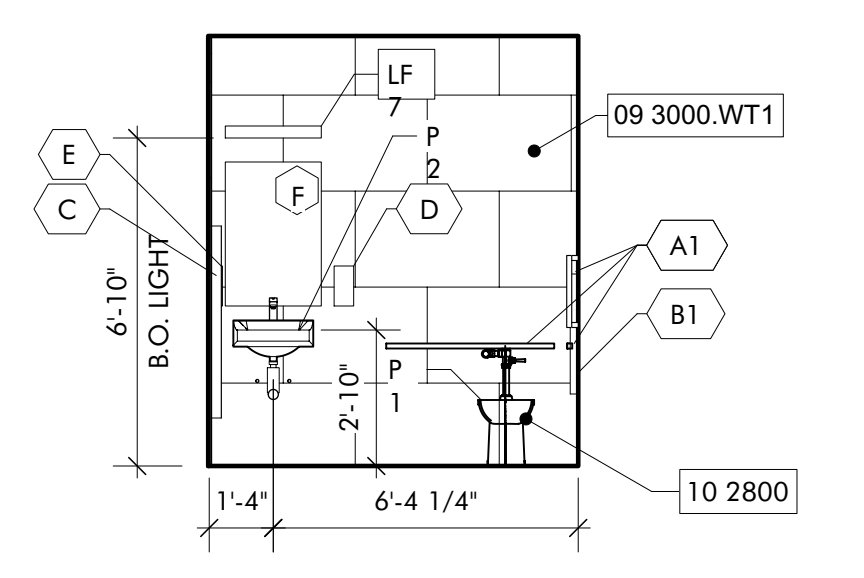
**FRONT COMPOST ELEVATION**  
MAINTENANCE SHED 09  
1/2" = 1'-0"

TOILET ACCESSORY SCHEDULE					
ITEM	COUNT	DESCRIPTION	MANUFACTURER	MODEL #	MOUNTING
A1	1	18", 36" & 42" GRAB BARS	BRADLEY CORPORATION	812	SURFACE
B1	1	COMBINATION SEAT COVER, TISSUE DISPENSER & NAPKIN DISPOSAL	BRADLEY CORPORATION	5912.000000	RECESSED
C	1	TOWEL DISPENSER, WASTE RECEPTACLE	BRADLEY CORPORATION	238.100000	SEMI-RECESSED
D	1	SOAP DISPENSER	BRADLEY CORPORATION	6A01.11	SURFACE
E	1	HAND DRYER	BRADLEY CORPORATION	2923.287400	SURFACE
F	1	24" x 36" CHANNEL FRAME MIRROR	BRADLEY CORPORATION	781	SURFACE
J	1	HOOK	BRADLEY CORPORATION	911	SURFACE

**TOILET ACCESSORY SCHEDULE** 13  
**WORKBENCH SECTION**  
MAINTENANCE SHED 12  
3" = 1'-0"

**COMPOST DETAILS**  
MAINTENANCE SHED 11  
3" = 1'-0"

**GENERAL NOTES**  
1. REFER ASS01 SCHEDULES FOR ROOM FINISHES SCHEDULE, WINDOW LEGEND, AND DOOR SCHEDULE  
2. ALL EXPOSED WOOD STAINED, SEE SPECIFICATIONS



**ENLARGED COMPOST PLAN**  
MAINTENANCE SHED 04  
TRUE NORTH

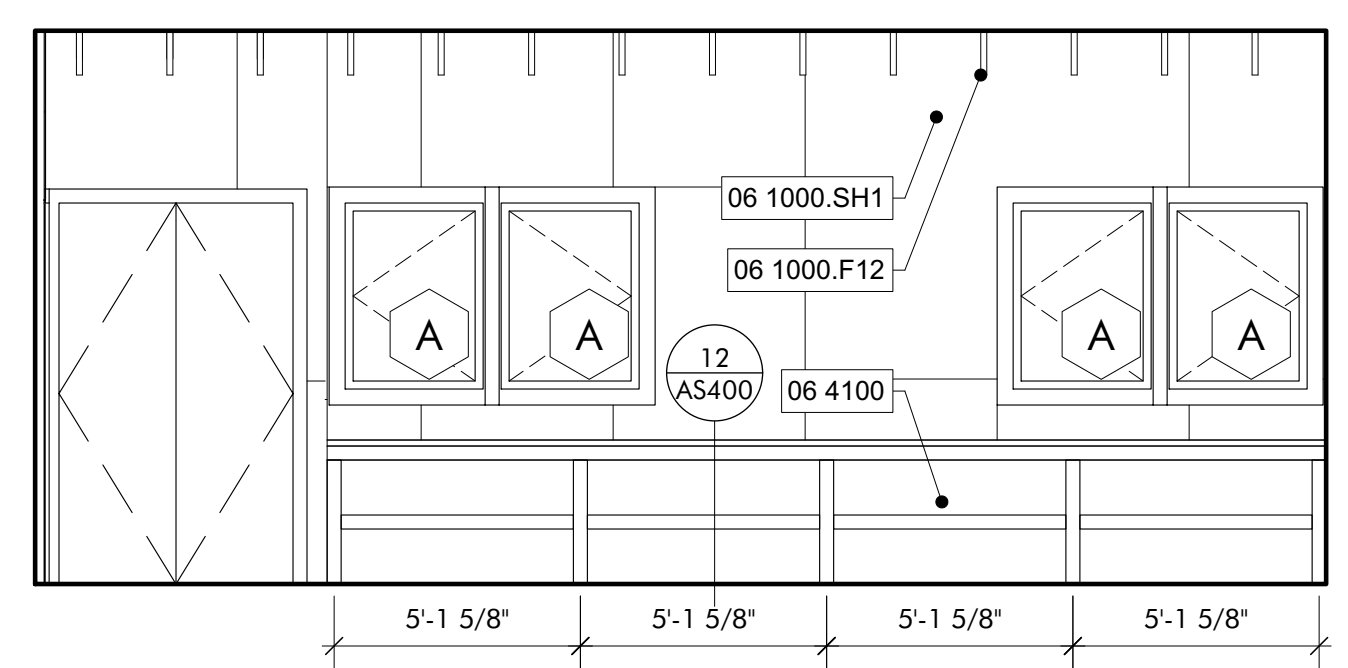
**INTERIOR ELEVATION**  
MAINTENANCE SHED - RESTROOM 08  
1/4" = 1'-0"

**INTERIOR ELEVATION**  
MAINTENANCE SHED - RESTROOM 07  
1/4" = 1'-0"

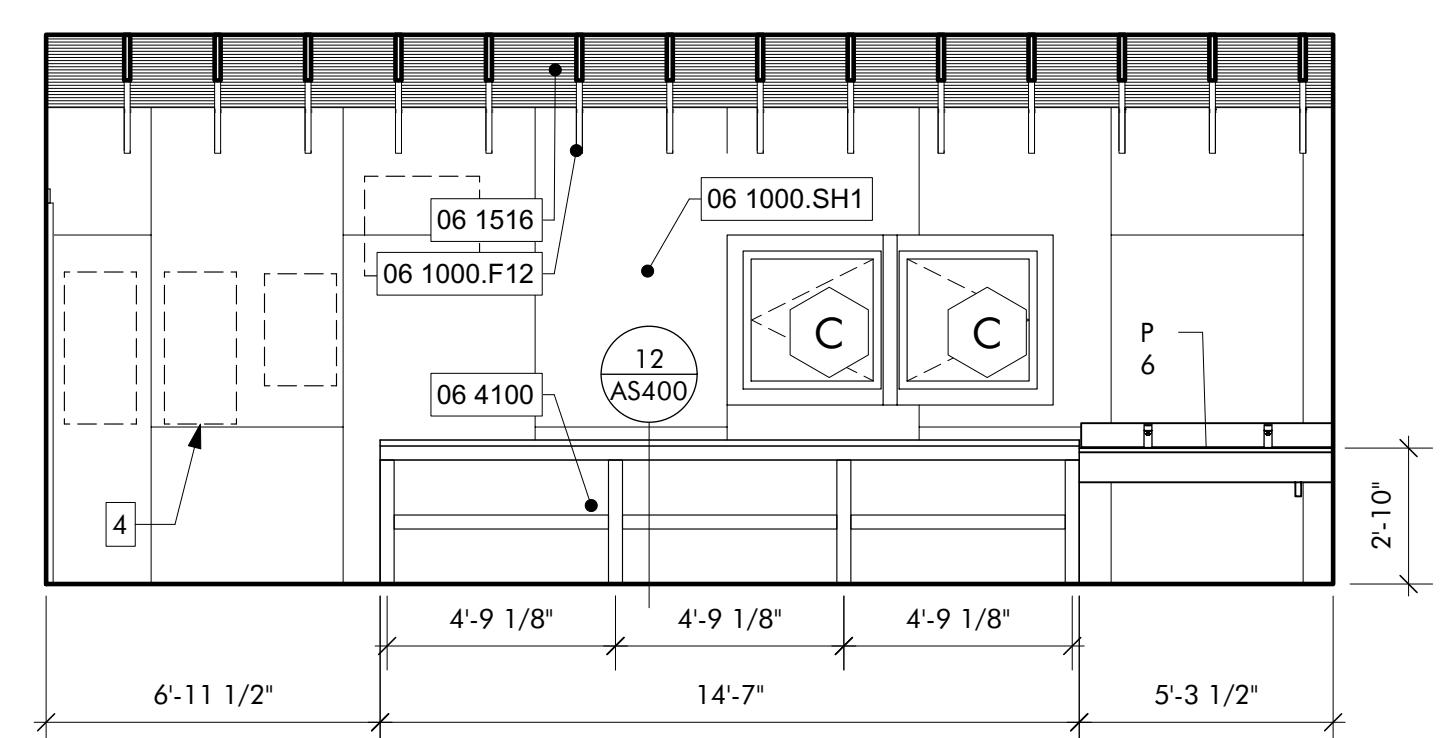
**INTERIOR ELEVATION**  
MAINTENANCE SHED - OFFICE 06  
1/4" = 1'-0"

**INTERIOR ELEVATION**  
MAINTENANCE SHED - OFFICE 05  
1/4" = 1'-0"

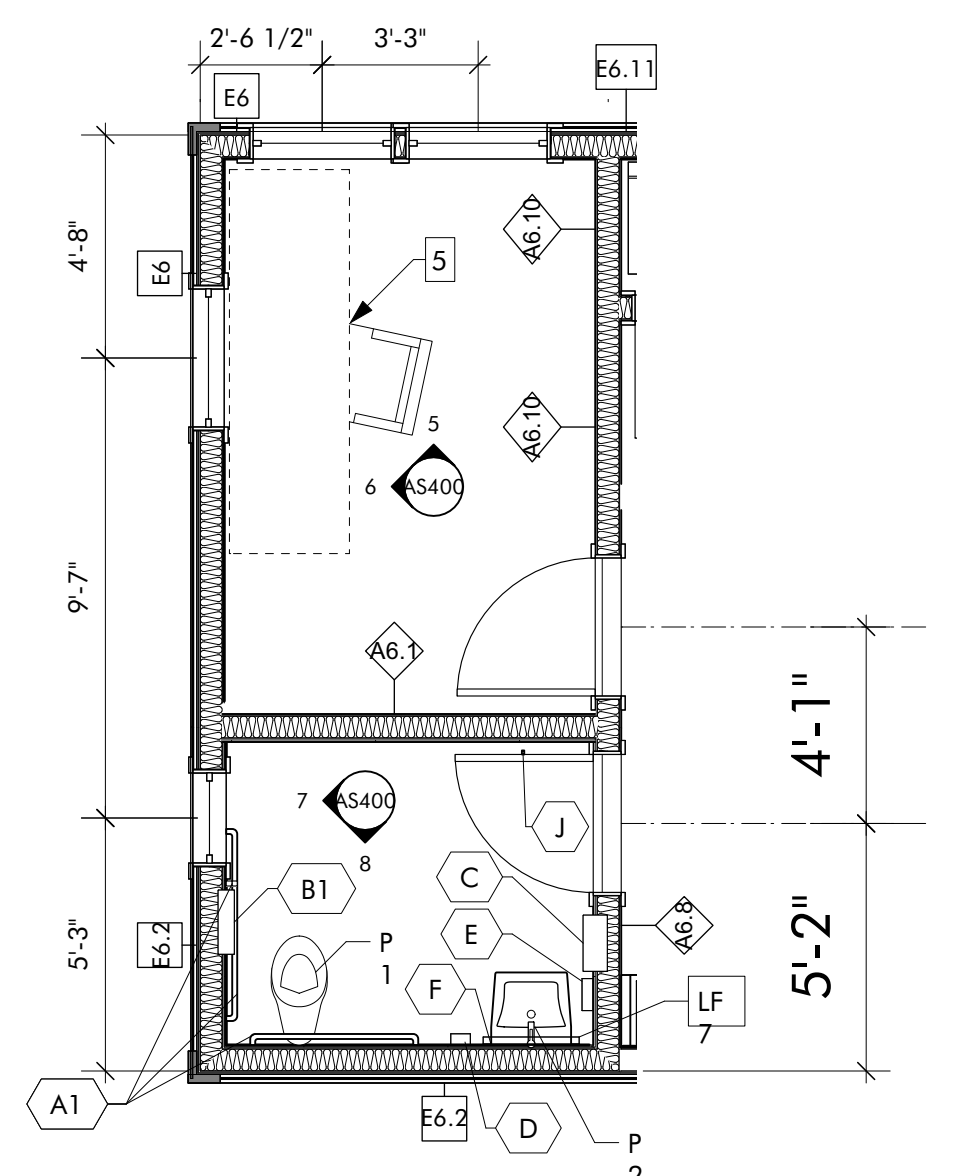
- SHEET SPECIFIC NOTES**
- 48x16 CMU
  - GALENIZED STEEL CHANNEL
  - REMOVABLE PRESSURE TREATED WOOD SLAT WALL
  - ELECTRICAL PANELS, SEE ELECTRICAL PACKAGE
  - OFFICE FURNITURE, SEE INTERIORS PACKAGE
  - 4x4 WOOD WORKBENCH LEG



**INTERIOR ELEVATION**  
MAINTENANCE SHED - WORKSPACE 03  
1/4" = 1'-0"



**INTERIOR ELEVATION**  
MAINTENANCE SHED - WORKSPACE 02  
1/4" = 1'-0"

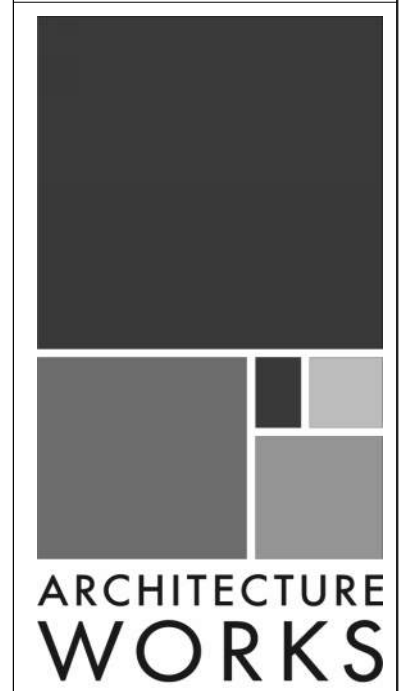


**ENLARGED PLAN**  
OFFICE AND RESTROOM 01  
TRUE NORTH

**KEYNOTES**

03 3000	Cast-in-Place Concrete - See Structural for Reinforcement
06 1000.F12	2x12 Framing
06 1000.F4	2x4 Framing
06 1000.SH1	1/2" Plywood Sheathing
06 1516	Wood Roof Decking
06 2000.PLY	Sanded Plywood
06 4100	Architectural Wood Casework
09 2116.GYP	1/2" Gypsum Wallboard
09 3000.WT1	Porcelain Wall Tile & Grout
10 2800	Toilet, Bath, and Laundry Accessories
12 3600	Countertops

NOT FOR CONSTRUCTION



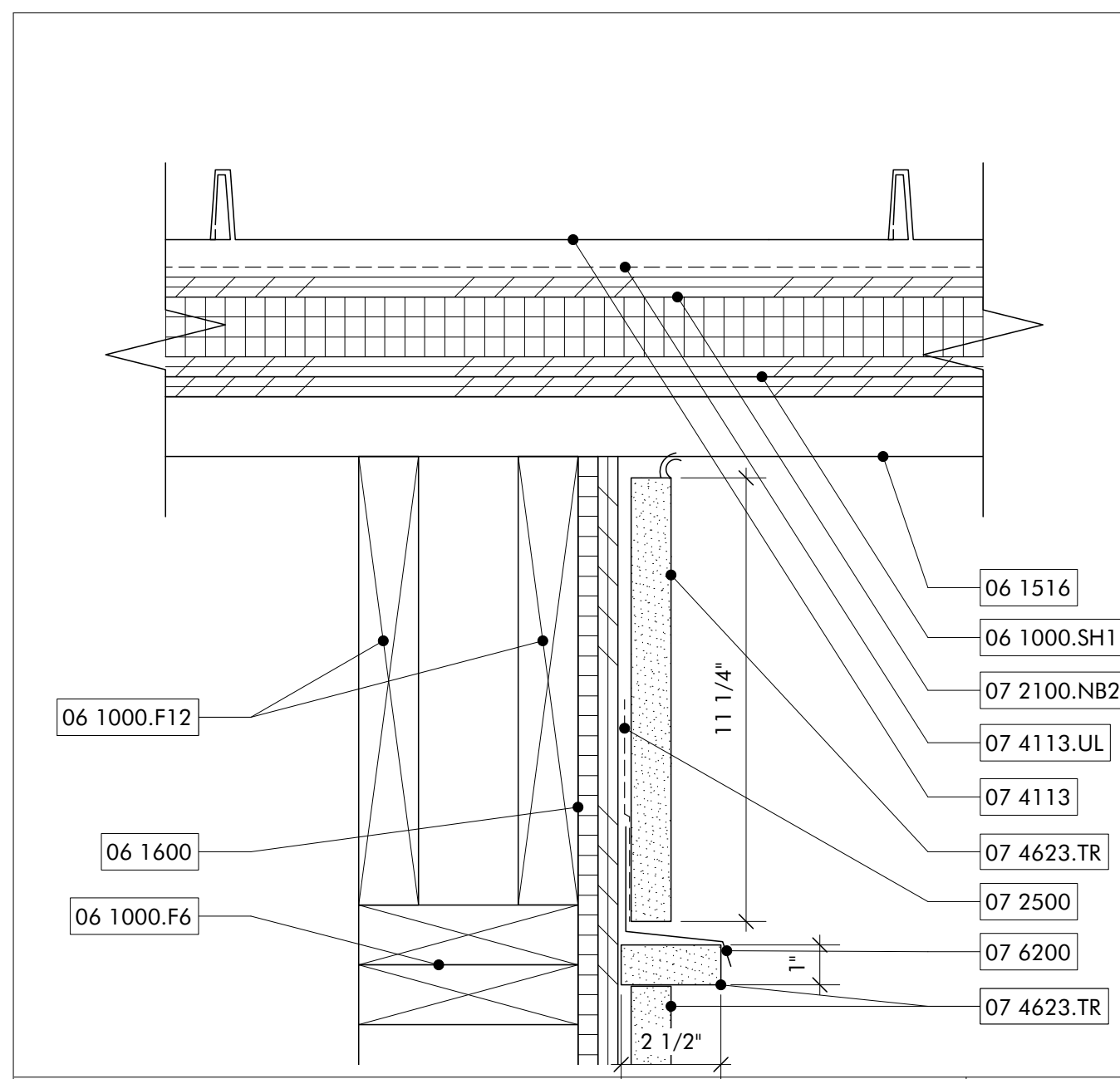
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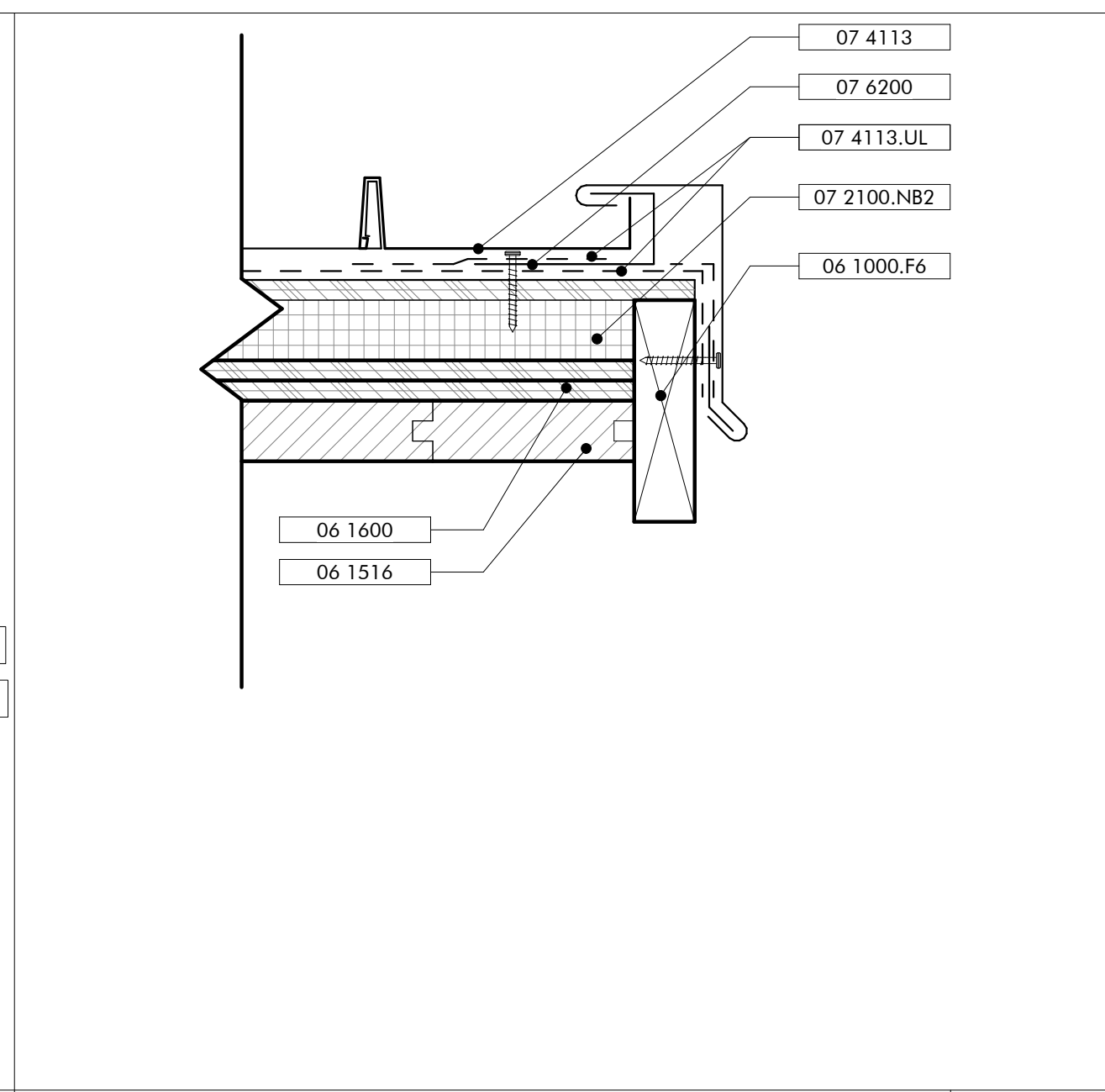
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**GULF COAST CENTER**  
FOR ECOTOURISM & SUSTAINABILITY  
MAINTENANCE SHED PACKAGE  
GULF SHORES, ALABAMA

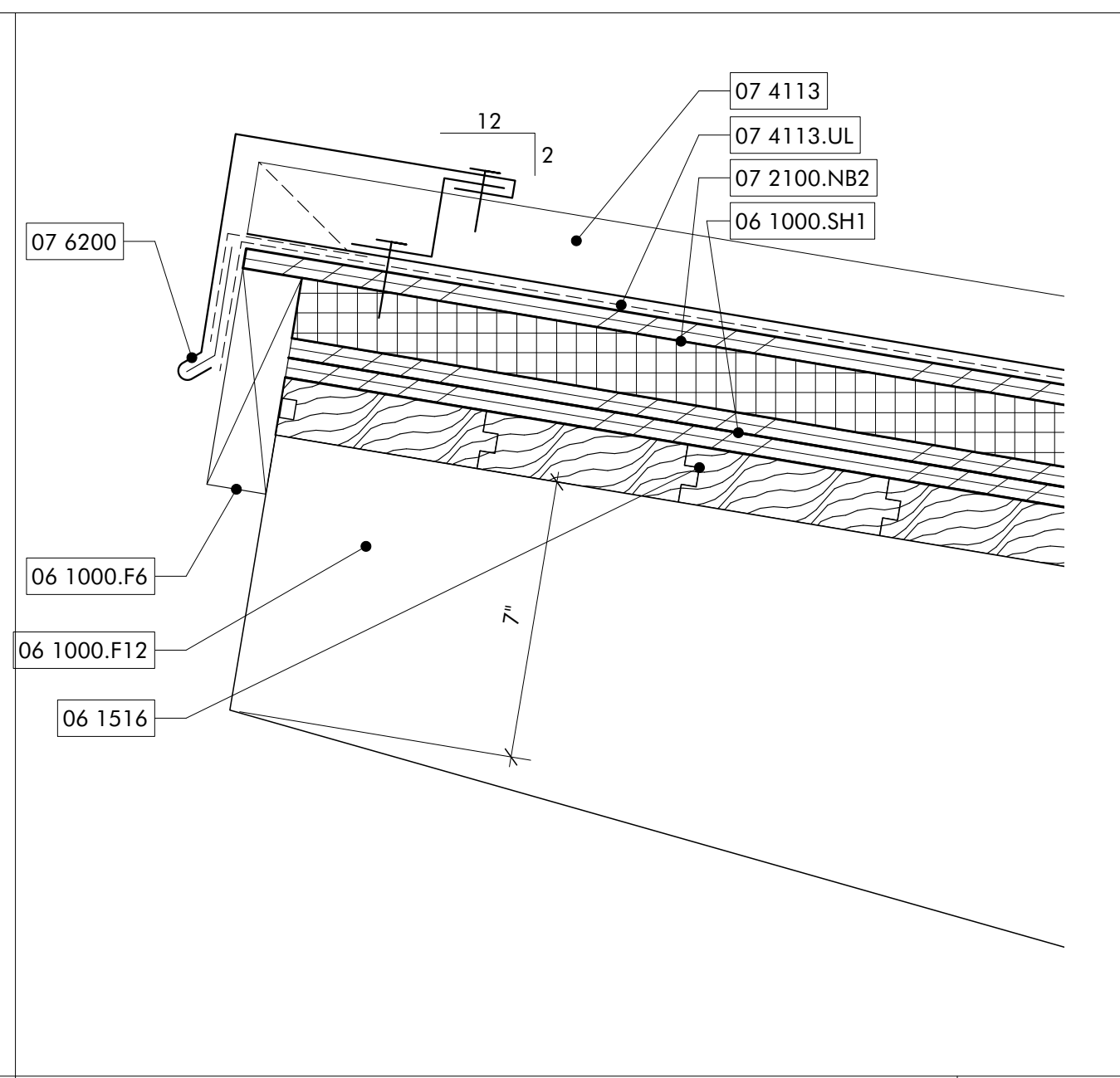
No.	
Date	
Job	19-028.000
Project Status	CONFORMANCE SET
Date	MARCH 24, 2023
Sheet Name	ENLARGED PLANS AND ELEVATIONS
Sheet No.	AS400



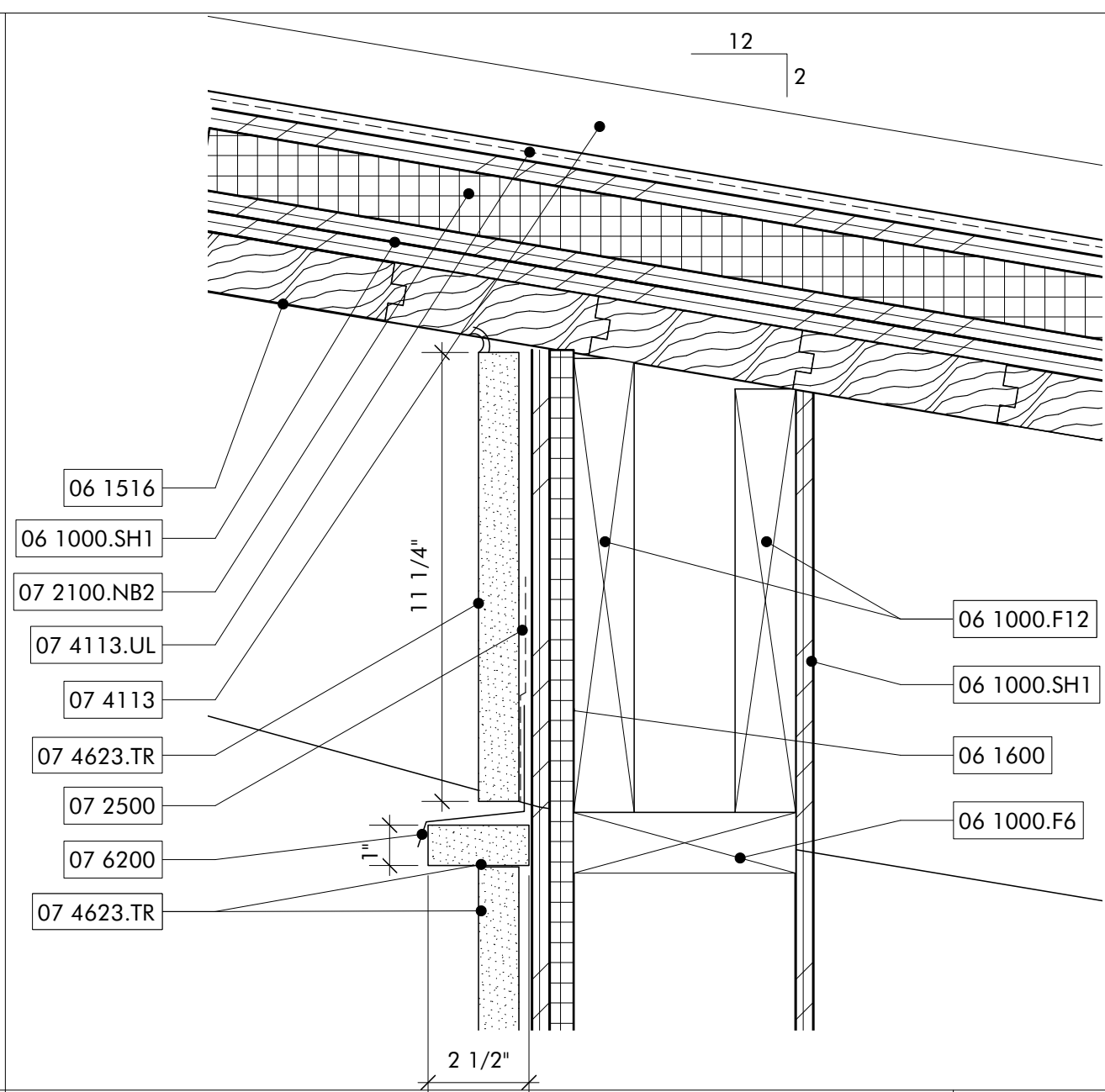
**TOP OF WALL** 12  
3" = 1'-0"



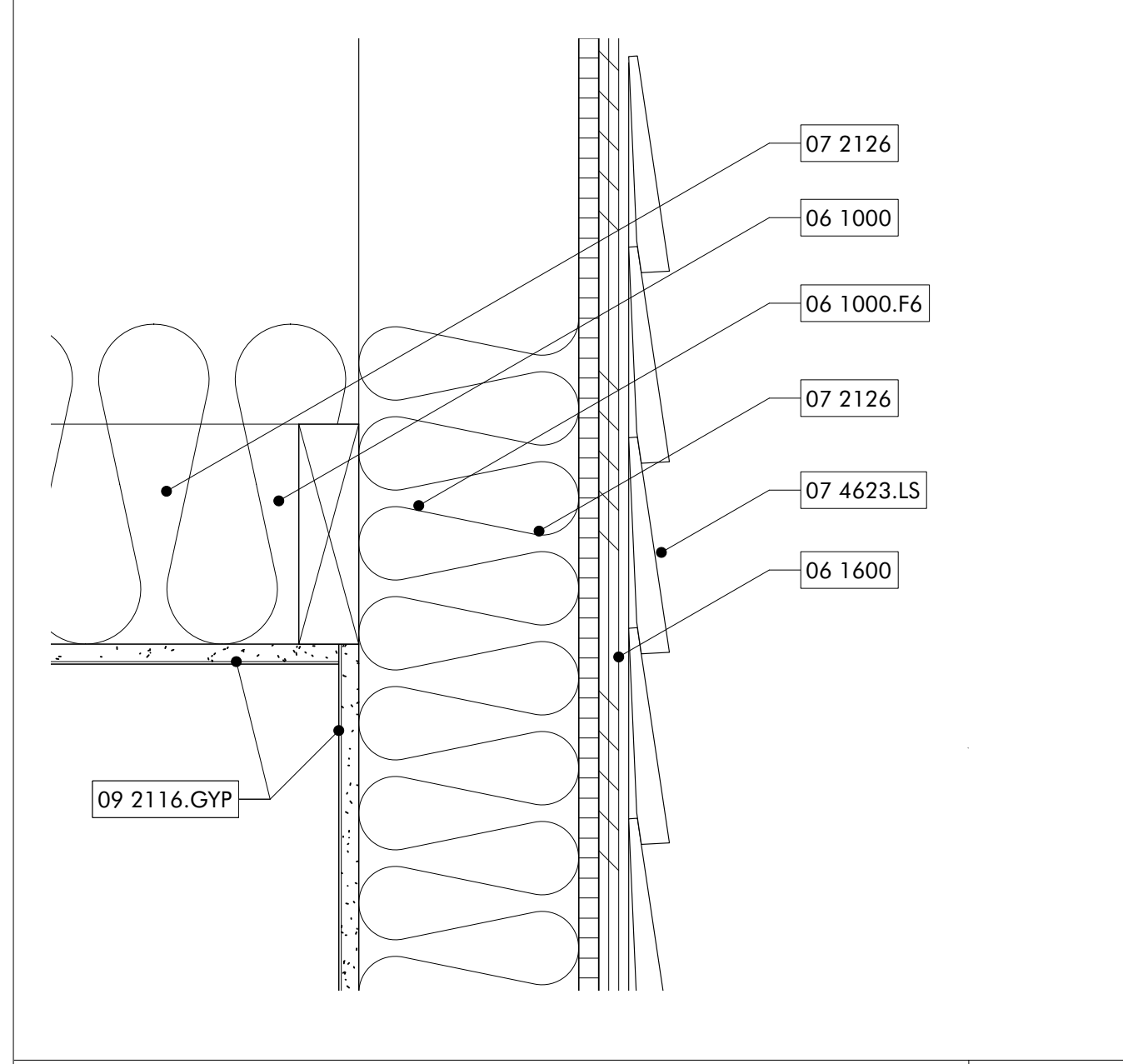
**ROOF GABLE RAKE** 11  
1 1/2" = 1'-0"



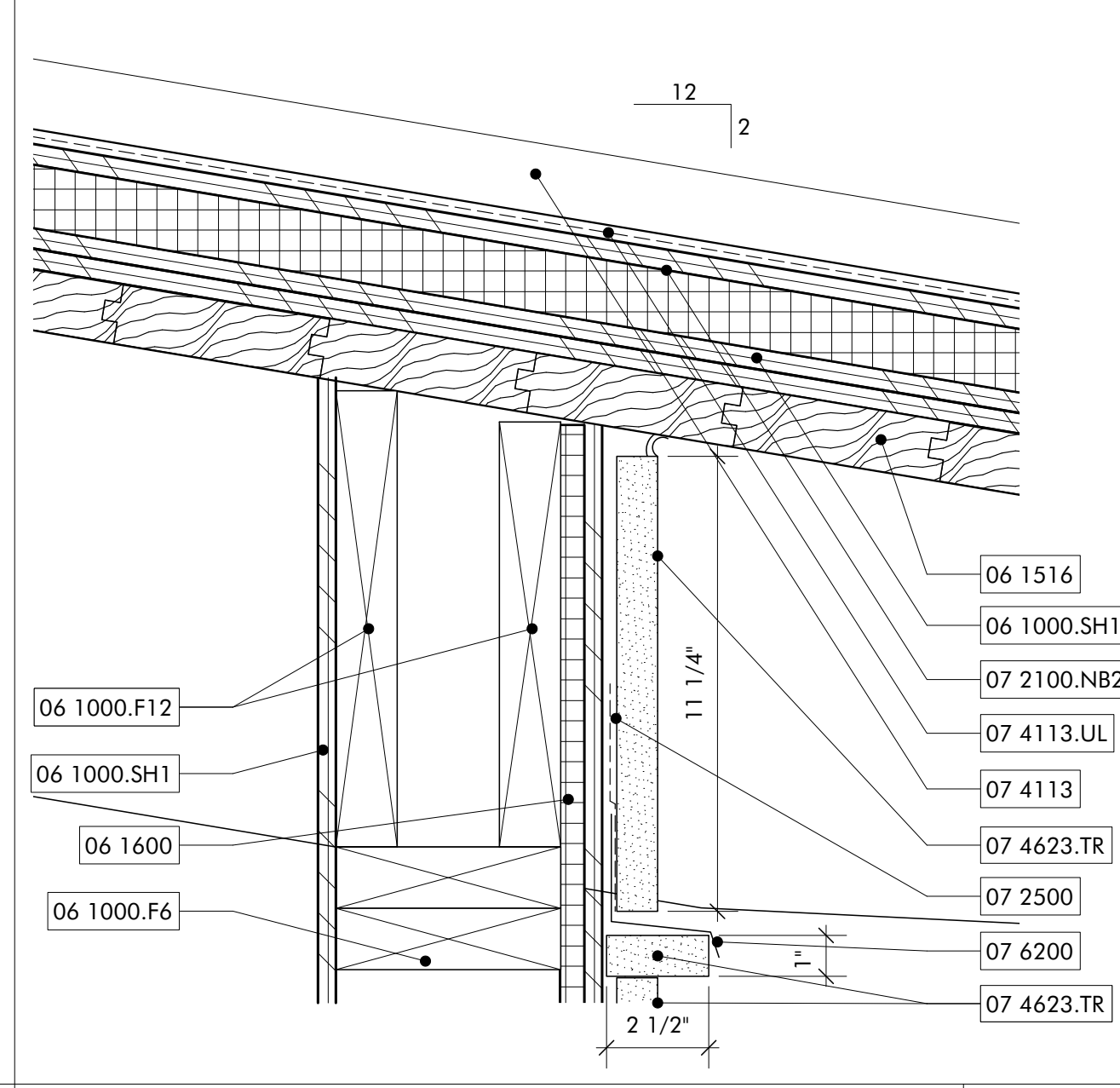
**ROOF RIDGE** 10  
3" = 1'-0"



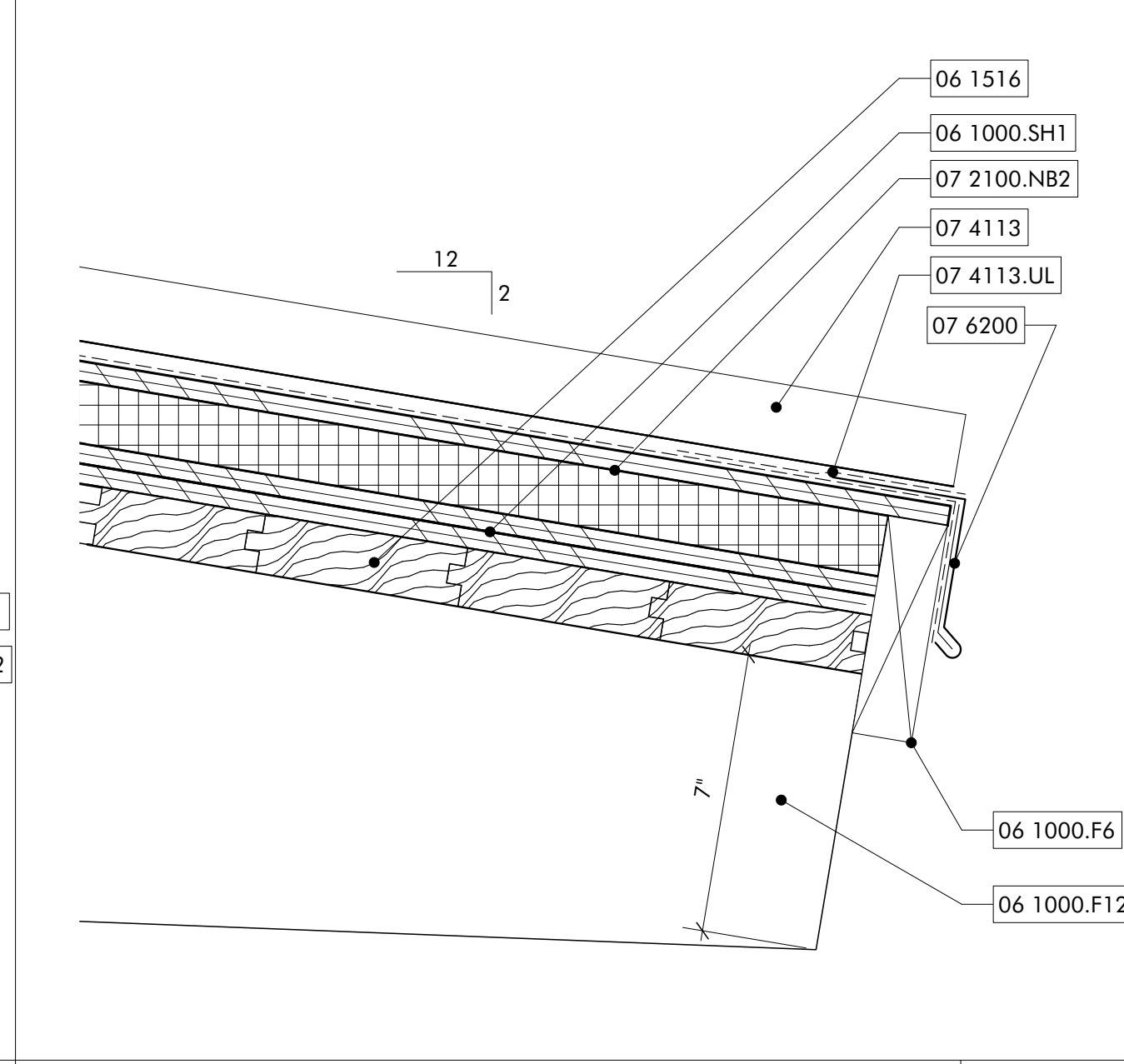
**ROOF RIDGE SOFFIT** 09  
3" = 1'-0"



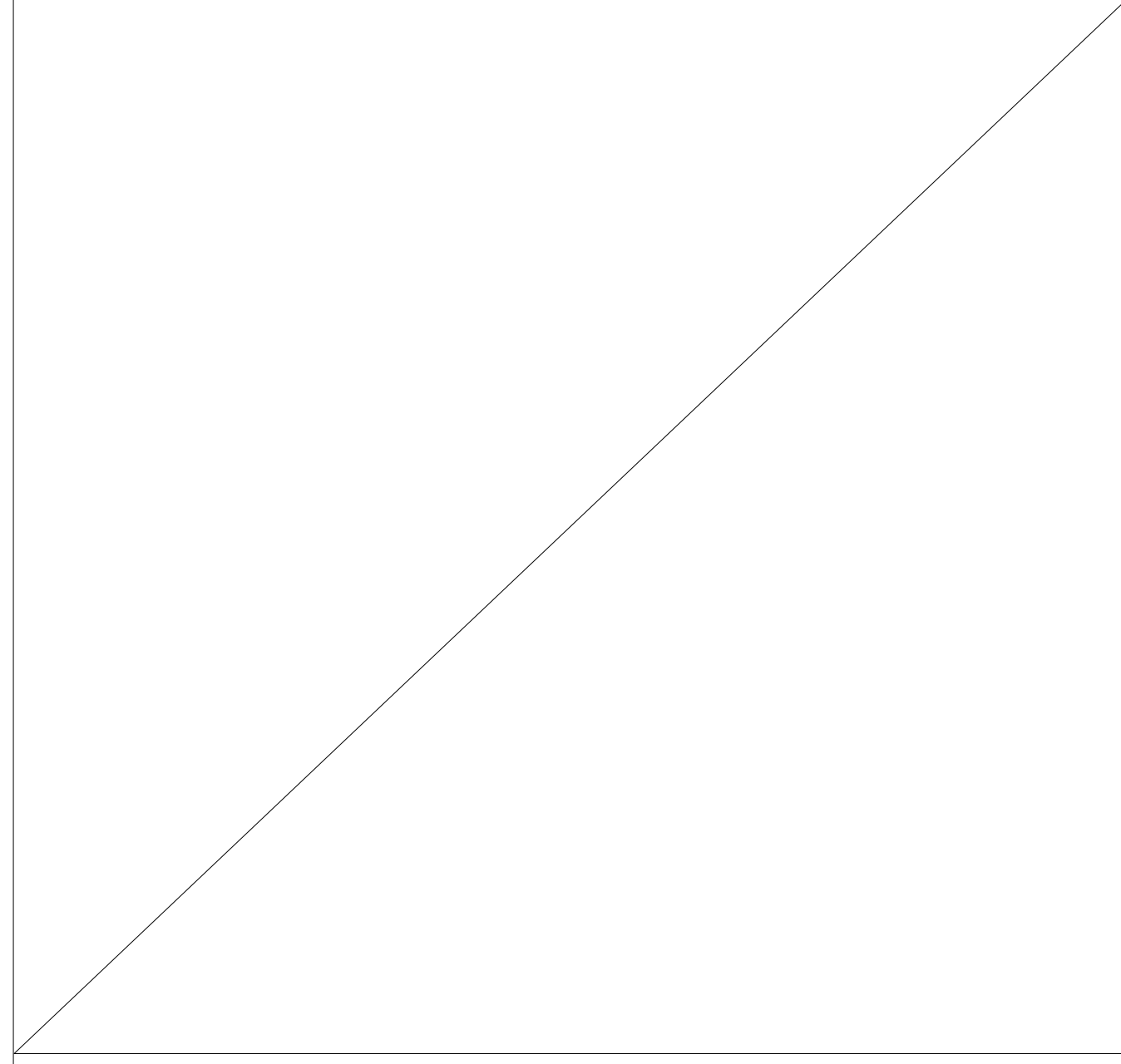
**WALL CEILING JOINT** 08  
3" = 1'-0"



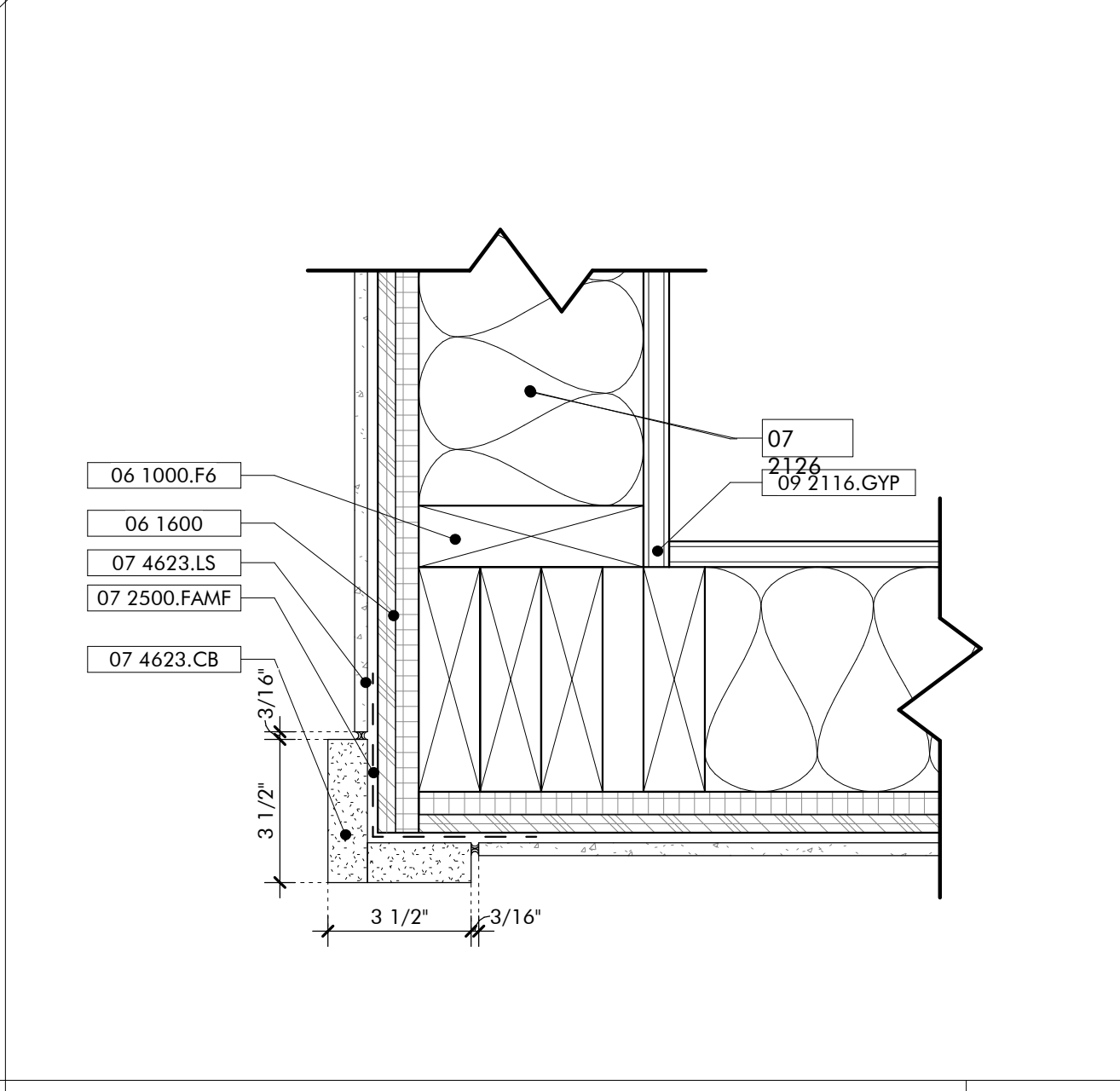
**TYP ROOF SOFFIT** 07  
3" = 1'-0"



**ROOF EAVE** 06  
3" = 1'-0"



**TYP WALL SILL SLAB EDGE** 03  
3" = 1'-0"



**WALL CORNER** 01  
3" = 1'-0"

- KEYNOTES**
- 03 3000 Cast-in-Place Concrete - See Structural for Reinforcement
  - 06 1000 Rough Carpentry
  - 06 1000.F12 2x12 Framing
  - 06 1000.F6 2x6 Framing
  - 06 1000.SH1 1/2" Plywood Sheathing
  - 06 1516 Wood Roof Decking
  - 06 1600 Sheathing
  - 07 2100.NB2 2" Nail Base Rigid Insulation Board
  - 07 2126 Blown Insulation
  - 07 2500 Weather Barriers
  - 07 4113 Metal Roof Panels
  - 07 4113.U.L Roof Underlayment
  - 07 4623.LS Engineered Wood Lap Siding
  - 07 4623.TR Engineered Wood Trim
  - 07 6200 Sheet Metal Flashing and Trim
  - 09 2116.GYP 1/2" Gypsum Wallboard

**GENERAL NOTES**  
1. ALL EXPOSED WOOD STAINED, SEE SPECIFICATIONS

**SHEET SPECIFIC NOTES**

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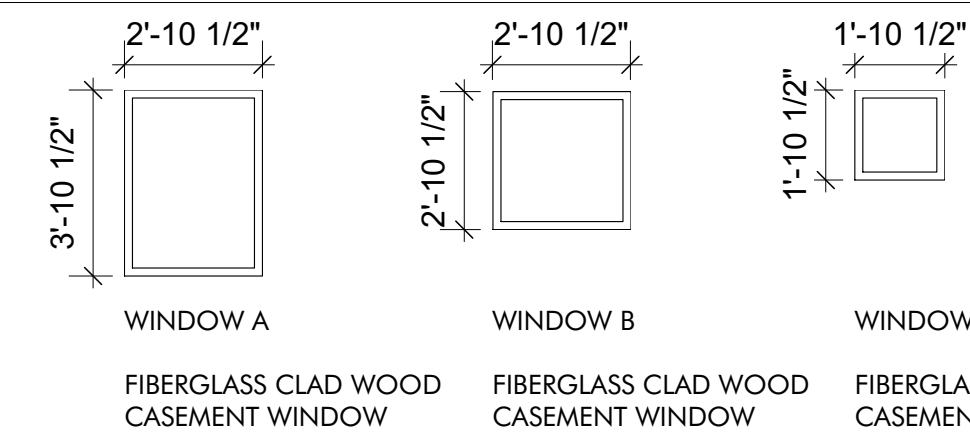
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**MAINTENANCE SHED PACKAGE**  
GULF SHORES, ALABAMA

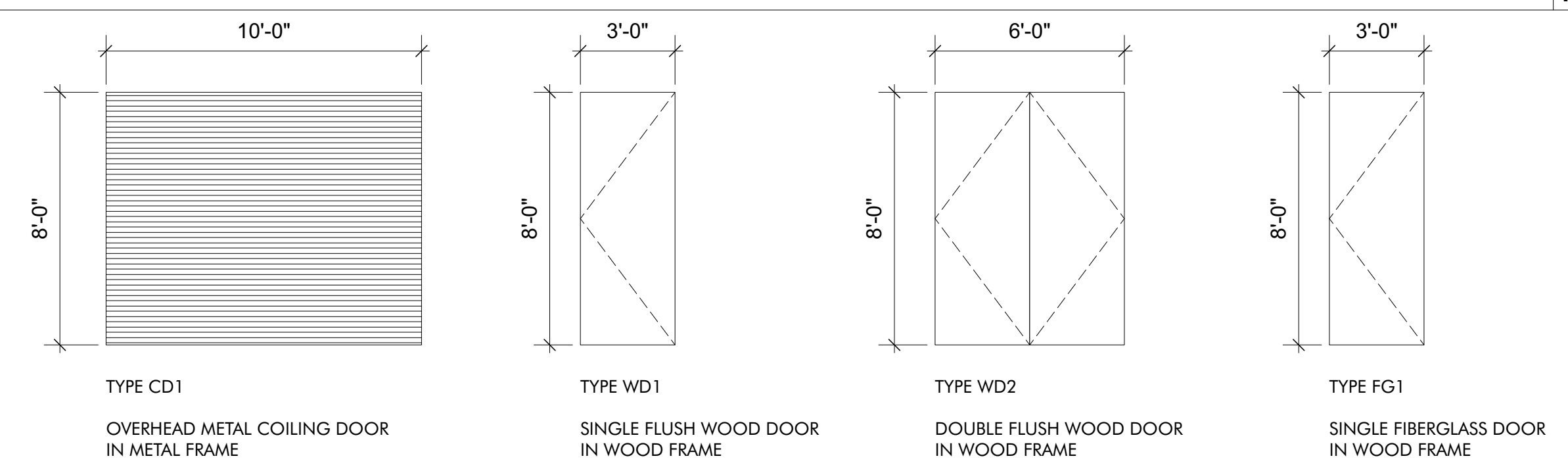
DATE	
NO.	
JOB	19-028.000
PROJECT STATUS	CONFORMANCE SET
DATE	MARCH 24, 2023
SHEET NAME	EXTERIOR DETAILS
SHEET NO.	AS500



NOTE:  
PAIRED UNITS TO HAVE  
OPPOSITE OPENING

### WINDOW LEGEND 05

1/4" = 1'-0"



### DOOR LEGEND 03

1/4" = 1'-0"

### SIGN LEGEND 04

HARDWARE SETS SCHEDULE		
QTY	ITEM	REMARKS
ENTRY-4		
1	CLOSER - CUSH. HOLD OPEN	
4	HINGES BY DOOR MFG	BALL-BEARING
1	PULL BAR LOOP	
1	PUSH PLATE	
1	LOCKSET	
PASSAGE-2		
1	ASTRAGAL	BRUSH TYPE
2	CLOSER - CUSH. HOLD OPEN	
8	HINGES BY DOOR MFG	BALL-BEARING
1	PULL BAR LOOP	
1	THRESHOLD	
2	BALL CATCH	
1	WEATHERSTRIPPING	
OFFICE-2		
1	CLOSER - CUSH. HOLD OPEN	
4	HINGES BY DOOR MFG	BALL-BEARING
1	LEVER LOCKSET	ENTRY OR OFFICE FUNCTION
1	WALL STOP	
1	WEATHERSTRIPPING	
PRIVACY		
1	CLOSER - CUSH. HOLD OPEN	
4	HINGES BY DOOR MFG	BALL-BEARING
1	LEVER LOCKSET	PRIVACY OR BATH FUNCTION
1	WALL STOP	
1	WEATHERSTRIPPING	

DOOR SCHEDULE - MAINTENANCE SHED											
DOOR NO.	TYPE	HEIGHT	WIDTH	INT/EXT	FRAME	DOOR MATL	HRDWR SET	DETAILS			DOOR SCHEDULE - MAINTENANCE SHED
								HEAD	SILL	JAMB	
101a	CD1	8'-0"	10'-0"	EXT	COIL	MTL	ENTRY-4	10/ASS10	2/ASS10	4/ASS10	
101b	FG1	8'-0"	3'-0"	EXT	WD	FG	ENTRY-4	9/ASS10	N/A	5/ASS10	
101c	WD2	8'-0"	5'-0"	INT	WD	WD	PASSAGE-2	12/ASS10	8/ASS10	4/ASS10	
102	WD1	8'-0"	3'-0"	INT	WD	WD	OFFICE-2	12/ASS10	8/ASS10	4/ASS10	
103	WD1	8'-0"	3'-0"	INT	WD	WD	PRIVACY	12/ASS10	4/ASS10	8/ASS10	

FLOOR	BASE	WALLS	CEILINGS
SC-1 SEALED CONCRETE	SWB STAINED WOOD BASE RB RUBBER BASE	GB-1 GYPSUM WALL BOARD, PAINTED GB-2 MOISTURE RESISTANT GYPSUM WALL BOARD, PAINTED CWT CERAMIC WALL TILE WD WOOD BOARDS, STAINED	GB-1 GYPSUM WALL BOARD, PAINTED GB-2 MOISTURE RESISTANT GYPSUM WALL BOARD, PAINTED EXP EXPOSED TO STRUCTURE

FINISH SCHEDULE - MAINTENANCE SHED												
REVISION	ROOM NUMBER	LOCATION	ROOM NAME	FLOOR FINISH	BASE	WALLS				CEILING	FINISH SCHEDULE - MAINTENANCE SHED	COMMENTS
						WEST	NORTH	EAST	SOUTH			
	S100	PARKING		SC-1	N/A	N/A	N/A	N/A	N/A	EXP		
	S101	WORKSPACE		SC-1	SWB	WD	WD	WD	WD	EXP		
	S102	OFFICE		SC-1	SWB	GB-1	GB-1	GB-1	GB-1	GB-1		
	S103	RESTROOM		SC-1	SWB	GB-2	GB-2	GB-2	GB-2	GB-2		

KEYNOTES

GENERAL NOTES

SHEET SPECIFIC NOTES

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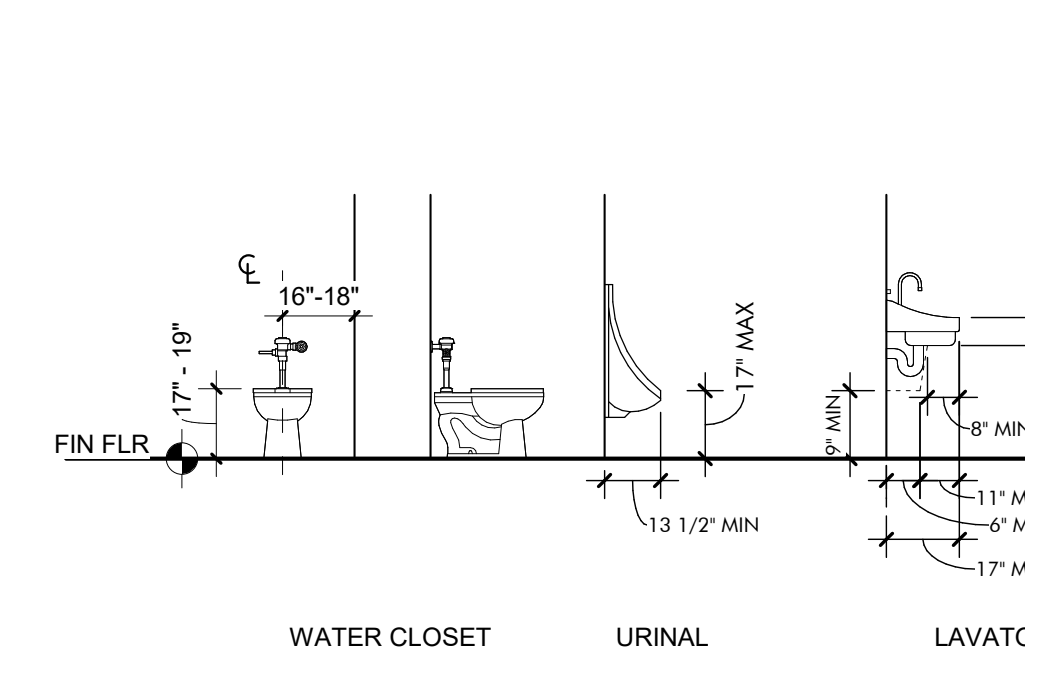
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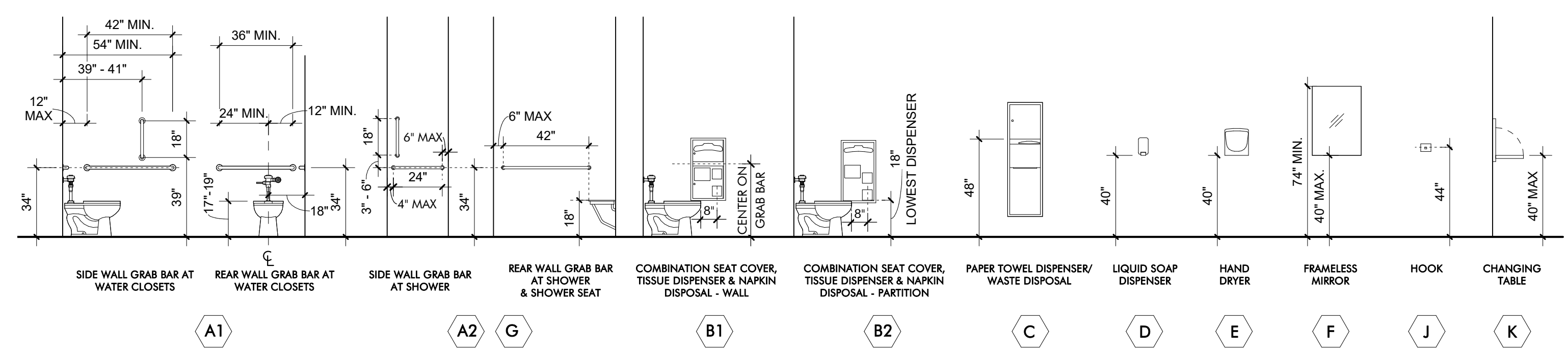
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### ACCESSIBLE TOILET FIXTURES 02



### ACCESSIBLE TOILET ACCESSORIES 01

No.	DATE	REVISION

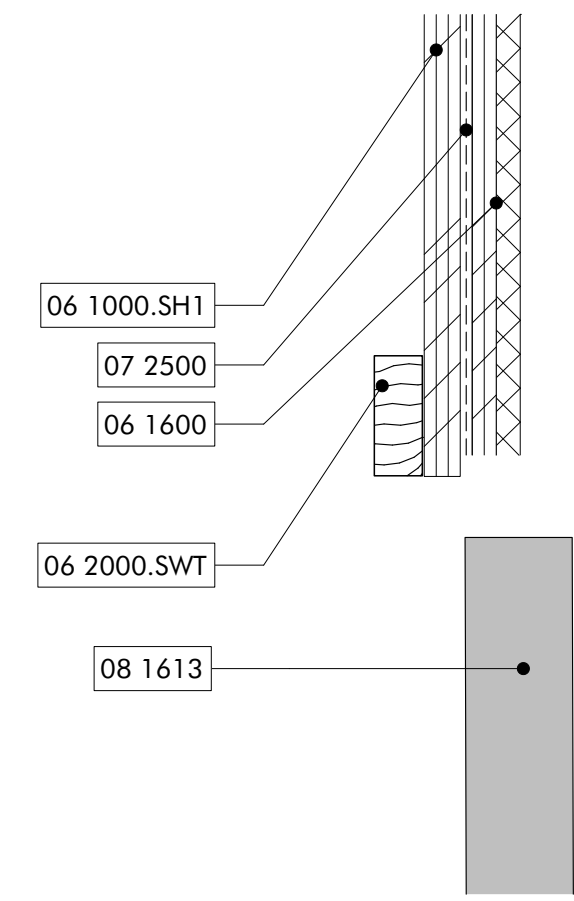
JOB: 19-028.000

PROJECT STATUS: CONFORMANCE SET

DATE: MARCH 24, 2023

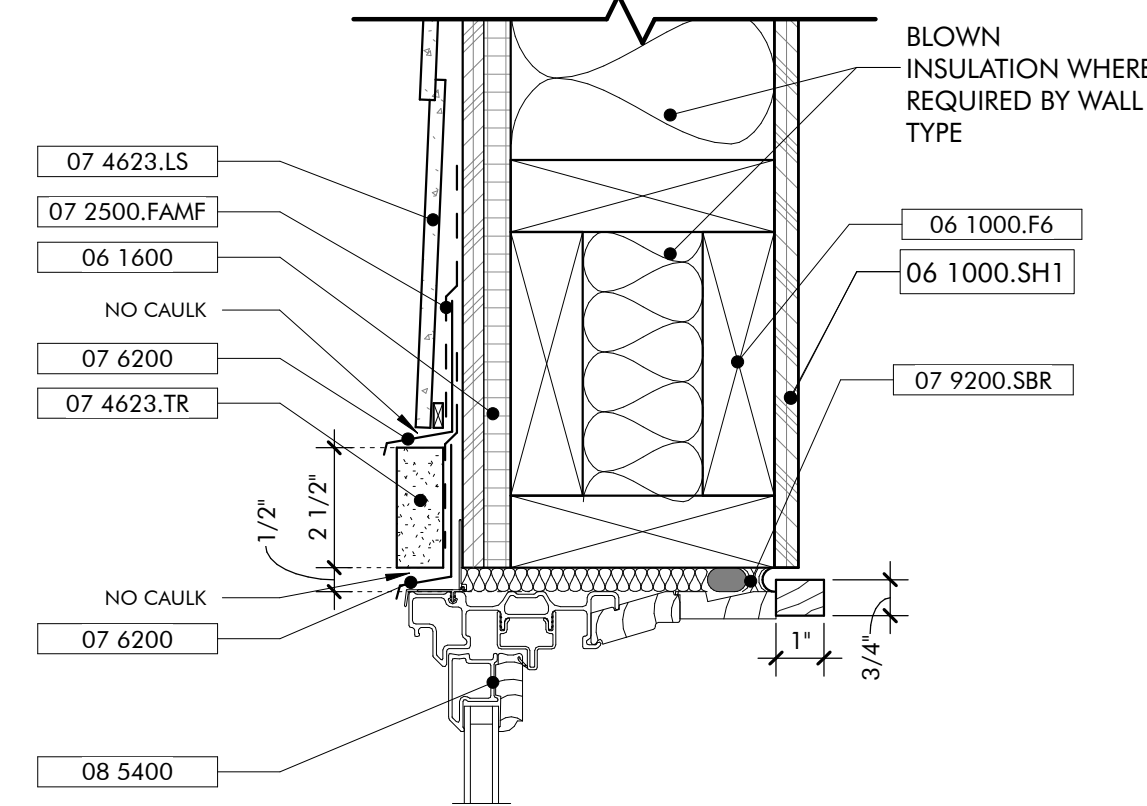
SHEET NAME: SCHEDULES

SHEET NO.: AS501



TYPICAL INTERIOR DOOR HEAD **12**  
3" = 1'-0"

- STRUCTURAL  
HEADER
- 200.LEF
  - 200.SBR
  - 2116.L
  - 116.GYP
  - 000.SWT

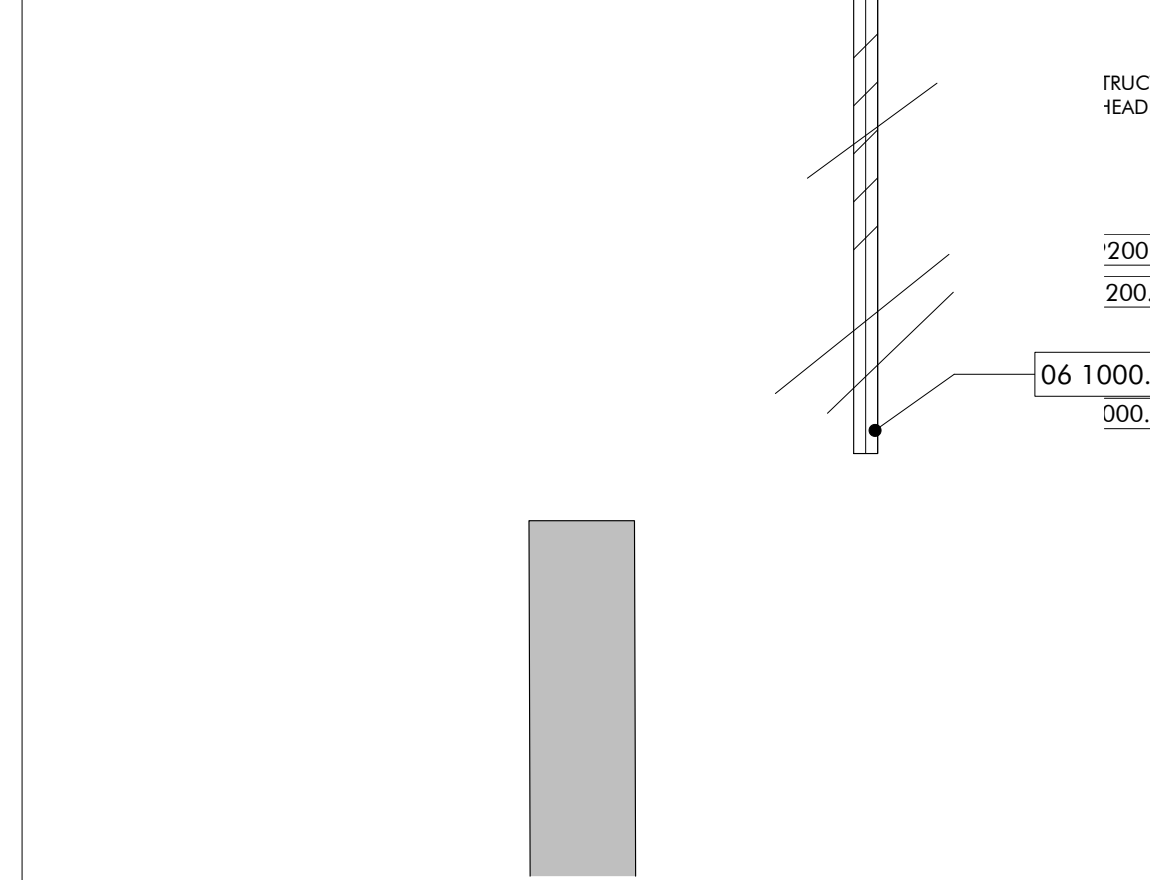


TYPICAL WINDOW HEAD **11**  
3" = 1'-0"

- BLOWN  
INSULATION WHERE  
REQUIRED BY WALL  
TYPE
- 07 4623.LS
  - 07 2500.FAMF
  - 06 1600
  - NO CAULK
  - 07 6200
  - 07 4623.TR
  - 06 1000.F6
  - 06 1000.SH1
  - 07 9200.SBR
  - NO CAULK
  - 07 6200
  - 08 5400



DOOR HEAD EXTERIOR ROLL UP **10**  
3" = 1'-0"



DOOR HEAD EXTERIOR **09**  
3" = 1'-0"

- STRUCTURAL  
HEADER
- 200.LEF
  - 200.SBR
  - 06 1000.SH1
  - 000.SWT

KEYNOTES

- 06 1000.F6 2x6 Framing
- 06 1000.SH1 1/2" Plywood Sheathing
- 06 1600 Sheathing
- 06 2000.SWT Stained Wood Trim
- 07 2126 Blown Insulation
- 07 2500 Weather Barriers
- 07 2500.FAMF Fluid Applied Membrane Flashing
- 07 4623.LS Engineered Wood Lap Siding
- 07 4623.TR Engineered Wood Trim
- 07 6200 Sheet Metal Flashing and Trim
- 07 9200.LEF Low Expansion Foam Sealant
- 07 9200.S Sealant
- 07 9200.SBR Sealant and Backer Rod
- 07 9500 Expansion Control
- 08 1613 Fiberglass Doors
- 08 3323 Overhead Coiling Doors
- 08 5400 Composite Windows
- 09 2116.GYP 1/2" Gypsum Wallboard
- 09 2116.L L Bead Accessory

NOT FOR  
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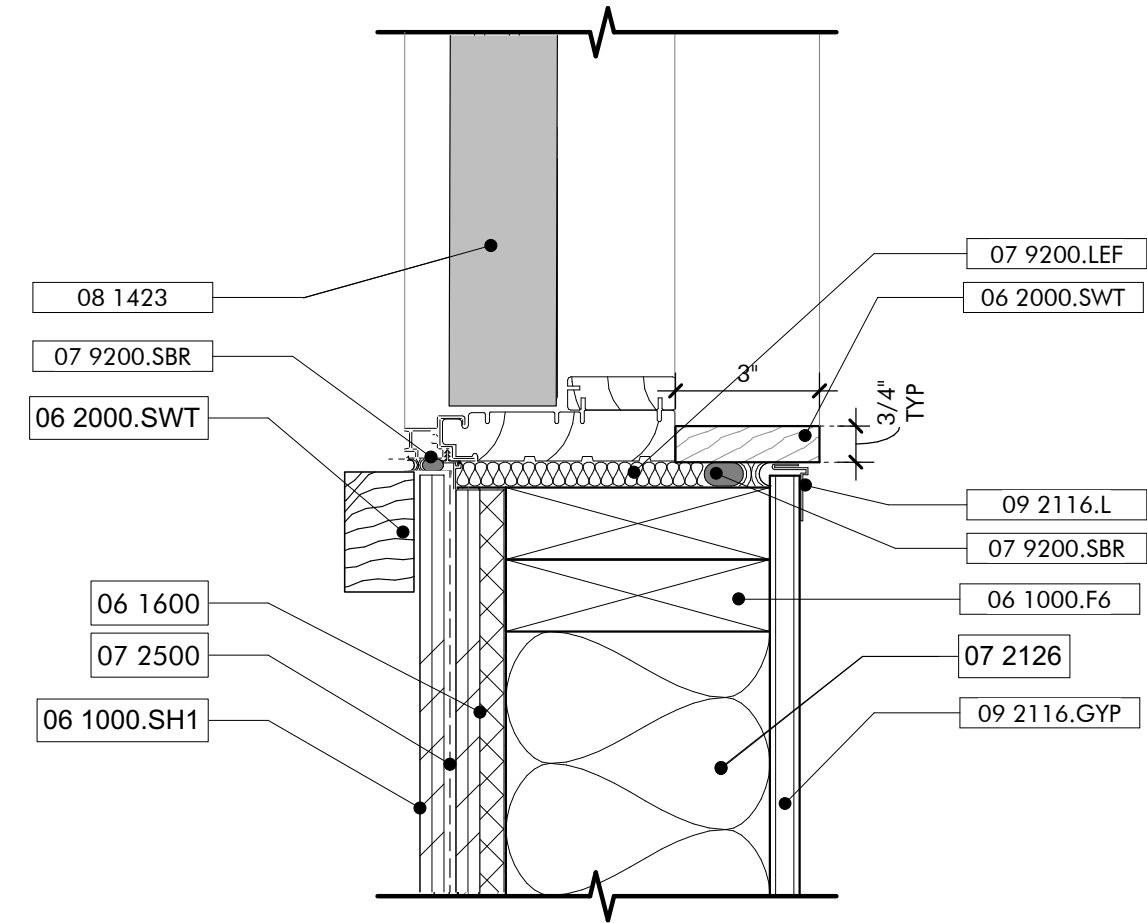
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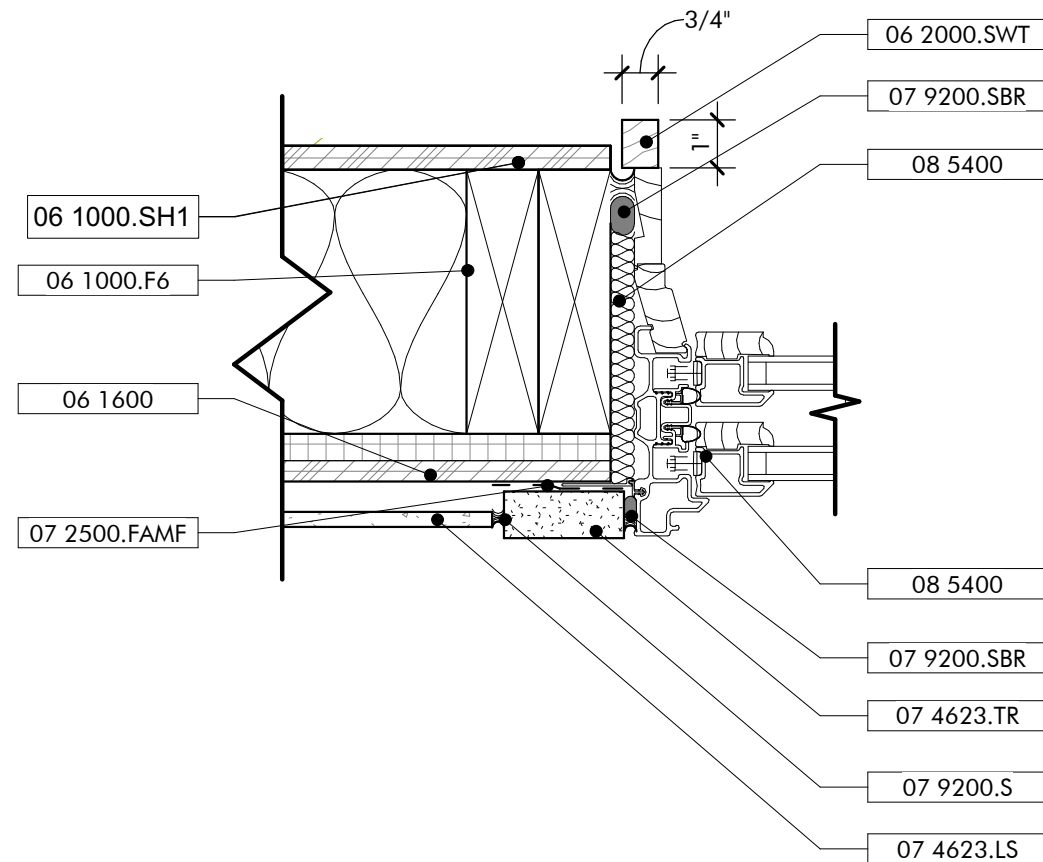
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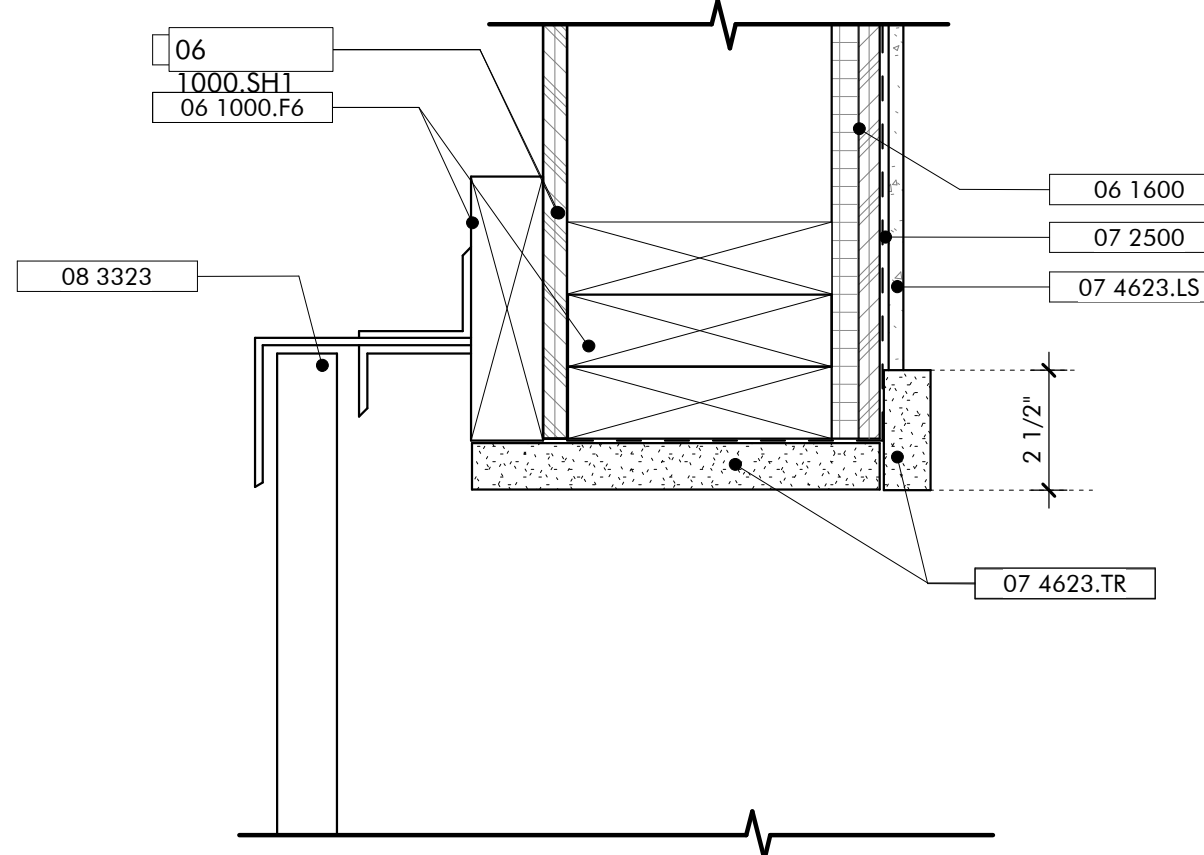
TYPICAL INTERIOR DOOR JAMB **08**  
3" = 1'-0"

- 08 1423
- 07 9200.SBR
- 06 2000.SWT
- 06 1600
- 07 2500
- 06 1000.SH1
- 07 9200.LEF
- 06 2000.SWT
- 09 2116.L
- 07 9200.SBR
- 06 1000.F6
- 07 2126
- 09 2116.GYP



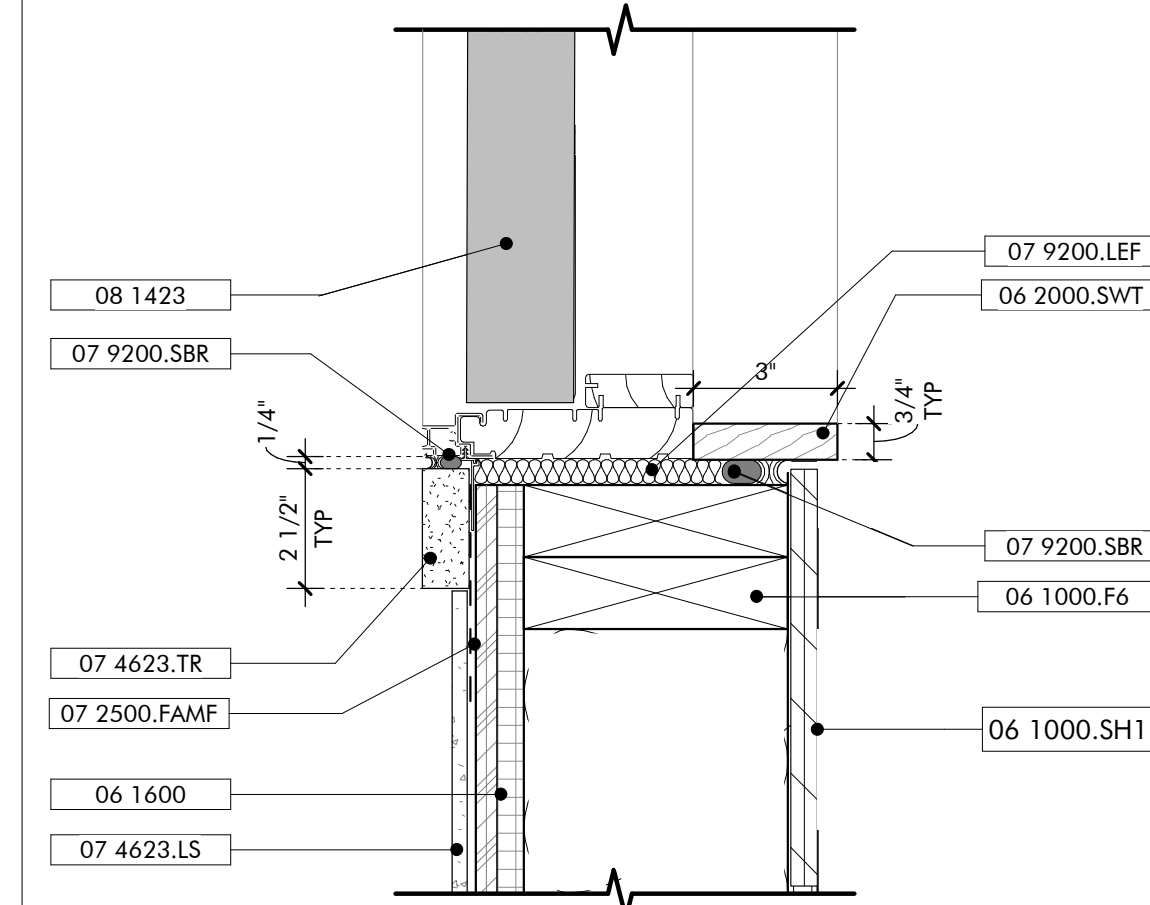
TYPICAL WINDOW JAMB **07**  
3" = 1'-0"

- 06 1000.SH1
- 06 1000.F6
- 06 1600
- 07 2500.FAMF
- 06 2000.SWT
- 07 9200.SBR
- 08 5400
- 08 5400
- 07 9200.SBR
- 07 4623.TR
- 07 9200.S
- 07 4623.LS



DOOR JAMB EXTERIOR ROLL UP **06**  
3" = 1'-0"

- 06 1000.SH1
- 06 1000.F6
- 08 3323
- 06 1600
- 07 2500
- 07 4623.LS
- 07 4623.TR



DOOR JAMB EXTERIOR **05**  
3" = 1'-0"

- 08 1423
- 07 9200.SBR
- 07 4623.TR
- 07 2500.FAMF
- 06 1600
- 07 4623.LS
- 07 9200.LEF
- 06 2000.SWT
- 07 9200.SBR
- 06 1000.F6
- 06 1000.SH1

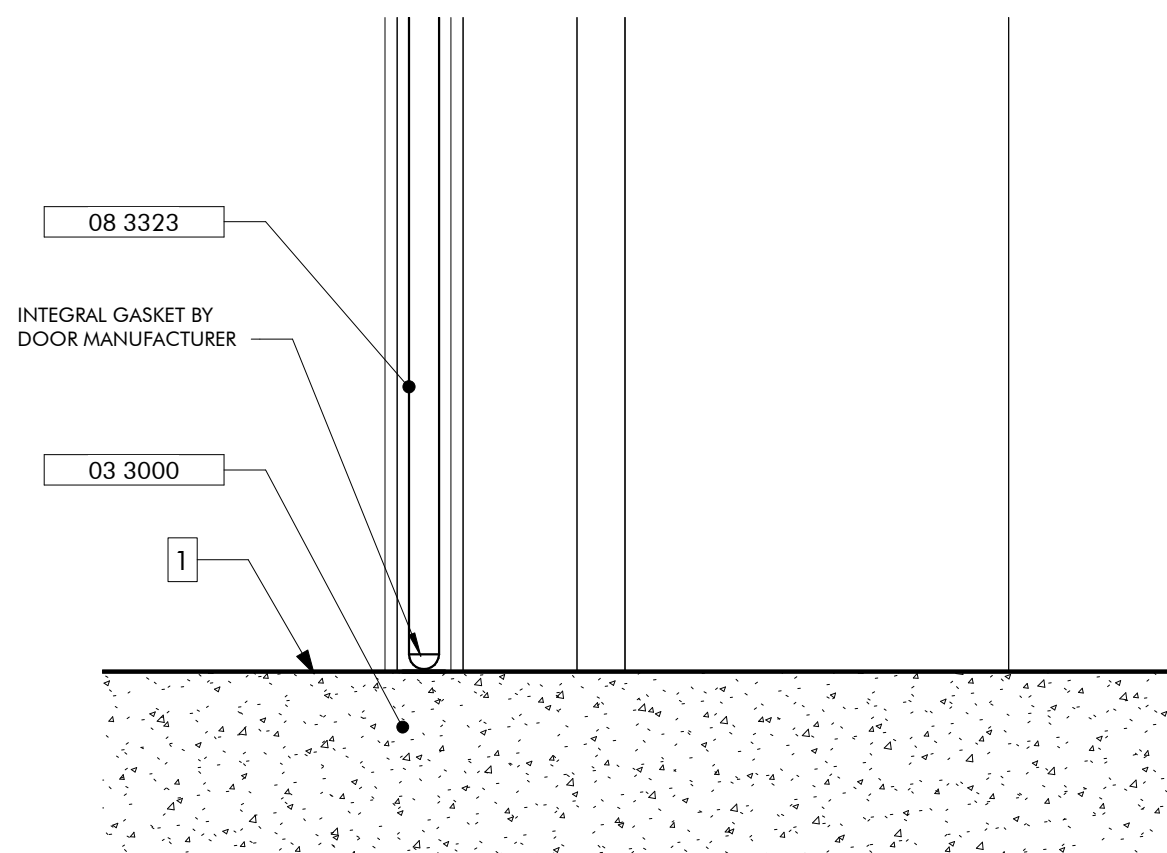
GENERAL NOTES

1. ALL EXPOSED WOOD STAINED, SEE SPECIFICATIONS



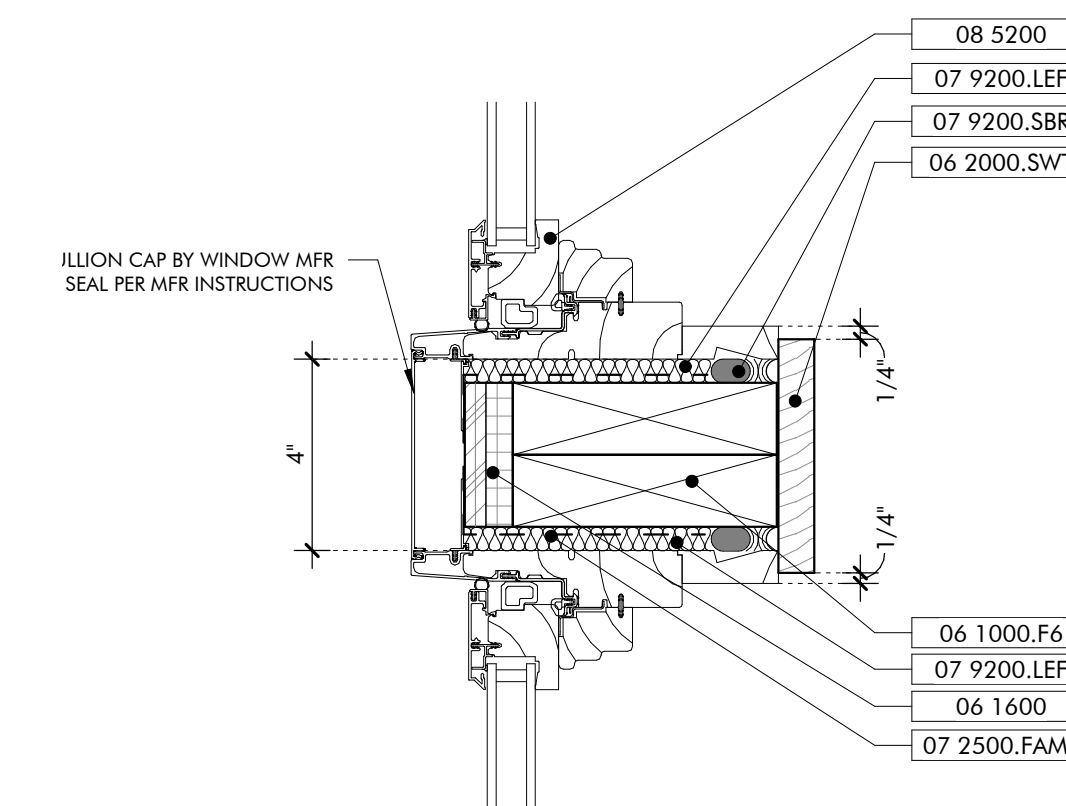
TYPICAL WINDOW SILL **03**  
3" = 1'-0"

- 08 5400
- 07 9200.SBR
- 07 4623.TR
- 07 6200
- 07 2500.FAMF
- 06 1600
- 07 9200.S
- 07 4623.LS
- 06 1600
- 07 9200.SBR
- 06 2000.SWT
- 06 1000.SH1
- 06 1000.F6



DOOR SILL EXTERIOR ROLL UP **02**  
3" = 1'-0"

- 08 3323
- 03 3000
- INTEGRAL GASKET BY  
DOOR MANUFACTURER



WINDOW JAMB MULLED **01**  
3" = 1'-0"

- 08 5200
- 07 9200.LEF
- 07 9200.SBR
- 06 2000.SWT
- ILLION CAP BY WINDOW MFR  
SEAL PER MFR INSTRUCTIONS
- 06 1000.F6
- 07 9200.LEF
- 06 1600
- 07 2500.FAMF

SHEET SPECIFIC NOTES

1. 12" WIDE TAPERED CONCRETE SLOPE AT OPENING

INTERIOR
REVISION
DATE
NO.

JOB
19-028.000
PROJECT STATUS
CONFORMANCE SET
DATE
MARCH 24, 2023
SHEET NAME
DOOR AND WINDOW DETAILS
SHEET NO.
AS510





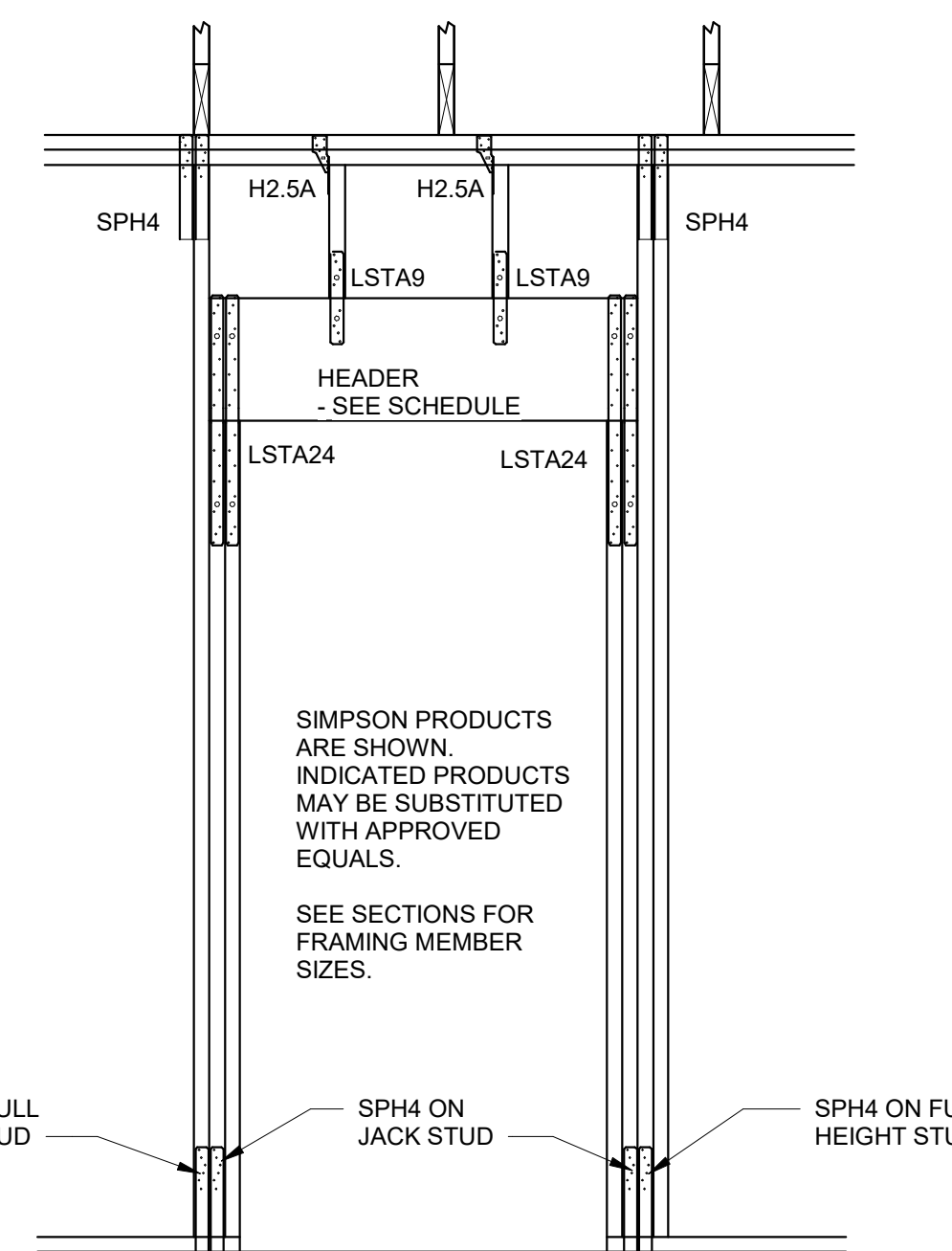


NAIL FASTENING SCHEDULE		
DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENERS	SPACING AND LOCATION
ROOF		
BLOCKING BETWEEN CEILING JOISTS, RAFTERS, OR TRUSSES TO TOP PLATE OR OTHER FRAMING	3-8D COMMON (2 1/2"x0.131"); OR 3-10D BOX (3"x0.128"); OR 3-3"x0.131" NAILS; OR 3-3" 14 GAGE STAPLES, 7/16" CROWN	EACH END, TOENAIL
BLOCKING BETWEEN RAFTERS OR TRUSSES NOT AT THE WALL TOP PLATE, TO RAFTER OR TRUSS	2-8D COMMON (2 1/2"x0.131") 2-3"x0.131" NAILS 3-3" 14 GAGE STAPLES	EACH END, TOENAIL
	2-16D COMMON (3 1/2"x0.162") AT 6" O.C. 3-3"x0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	END NAIL
FLAT BLOCKING TO TRUSS AND WEB FILLER	16D COMMON (2 1/2"x0.131") AT 6" O.C.	FACE NAIL
CEILING JOISTS TO TOP PLATE	3-8D COMMON (2 1/2"x0.131"); OR 3-10D BOX (3"x0.128"); OR 3-3"x0.131" NAILS; OR 3-3" 14 GAGE STAPLES, 7/16" CROWN	EACH JOIST, TOENAIL
CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER PARTITIONS (NO THRUST) (SEE SECTION 2308.7.3.1, TABLE 2308.7.3.1)	3-16D COMMON (2 1/2"x0.131"); OR 4-10D BOX (3"x0.128"); OR 4-3"x0.131" NAILS; OR 4-3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL
CEILING JOIST ATTACHED TO PARALLEL RAFTER (HEEL JOINT) (SEE SECTION 2308.7.3.1, TABLE 2308.7.3.1)	PER TABLE 2308.7.3.1	FACE NAIL
COLLAR TIE TO RAFTER	3-10D COMMON (3"x0.148"); OR 4-10D BOX (3"x0.128"); OR 4-3"x0.131" NAILS; OR 4-3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL
RAFTER OR ROOF TRUSS TO TOP PLATE (SEE SECTION 2308.7.5, TABLE 1308.7.5)	3-16D COMMON (3"x0.148"); OR 3-16D COMMON (2 1/2"x0.131"); OR 4-10D BOX (3"x0.128"); OR 4-3"x0.131" NAILS; OR 4-3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL
ROOF RAFTERS TO RIDGE VALLEY OR HIP RAFTERS; OR ROOF RAFTER TO 2-INCH RIDGE BEAM	2-16D COMMON (3 1/2"x0.162"); OR 3-10D BOX (3"x0.128"); OR 3-3"x0.131" NAILS; OR 3-3" 14 GAGE STAPLES, 7/16" CROWN	END NAIL
	3-16D COMMON (3"x0.148"); OR 4-16D BOX (3 1/2"x0.135"); OR 4-10D BOX (3"x0.128"); OR 4-3"x0.131" NAILS; OR 4-3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL
WALL		
STUD TO STUD (NOT AT BRACED WALL PANELS)	16D COMMON (3 1/2"x0.162")	24" O.C. FACE NAIL
	10D BOX (3"x0.128"); OR 4-3"x0.131" NAILS; OR 4-3" 14 GAGE STAPLES, 7/16" CROWN	16" O.C. FACE NAIL
STUD TO STUD AND ABUTTING STUDS AT INTERSECTING WALL CORNERS (AT BRACED WALL PANELS)	16D COMMON (3 1/2"x0.162")	16" O.C. FACE NAIL
	16D BOX (3 1/2"x0.162")	12" O.C. FACE NAIL
	3"x0.131 NAILS; OR 3" 14 GAUGE STAPLES, 7/16" CROWN	12" O.C. FACE NAIL
BUILT-UP HEADER (2" TO 2" HEADER)	16D COMMON (3 1/2"x0.162")	16" O.C. EACH EDGE, FACE NAIL
	10D BOX (3"x0.128")	12" O.C. EACH EDGE, FACE NAIL
CONTINUOUS HEADER TO STUD	4-8D COMMON (2 1/2"x0.131"); OR 4-10D BOX (3"x0.128")	TOENAIL
TOP PLATE TO TOP PLATE	16D COMMON (3 1/2"x0.162")	16" O.C. FACE NAIL
	10D BOX (3"x0.128"); OR 4-3"x0.131 NAILS; OR 4-3" 14 GAGE STAPLES, 7/16" CROWN	12" O.C. FACE NAIL
TOP PLATE TO TOP PLATE, AT END JOINTS	8-16D COMMON (3 1/2"x0.162"); OR 12-10D BOX (3"x0.128"); OR 12-3"x0.131" NAILS; OR 12-3" 14 GAGE STAPLES, 7/16" CROWN	EACH SIDE OF END JOINT, FACE NAIL (MINIMUM 24" LAP SPLICE LENGTH EACH SIDE OF END JOINT)
BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING (NOT AT BRACED WALL PANELS)	16D COMMON (3 1/2"x0.162")	16" O.C. FACE NAIL
	16D BOX (3 1/2"x0.135"); OR 3"x0.131 NAILS; OR 3" 14 GAGE STAPLES, 7/16" CROWN	12" O.C. FACE NAIL
BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING AT BRACED WALL PANELS	2-16D COMMON (3 1/2"x0.162"); OR 3-16D BOX (3"x0.135"); OR 4-3"x0.131" NAILS; OR 4-3" 14 GAGE STAPLES, 7/16" CROWN	16" O.C. FACE NAIL
	2-16D COMMON (3 1/2"x0.162"); OR 3-10D BOX (3"x0.128"); OR 3-3"x0.131" NAILS; OR 3-3" 14 GAGE STAPLES, 7/16" CROWN	END NAIL
TOP PLATES, LAPS AT CORNERS, AND INTERSECTIONS	2-16D COMMON (3 1/2"x0.162"); OR 3-10D BOX (3"x0.128"); OR 3-3"x0.131" NAILS; OR 3-3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL
1" BRACE TO EACH STUD AND PLATE	2-8D COMMON (2 1/2"x0.131"); OR 2-10D BOX (3"x0.128"); OR 2-3"x0.131" NAILS; OR 2-3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL
1"x6" SHEATHING TO EACH BEARING	2-8D COMMON (2 1/2"x0.131"); OR 2-10D BOX (3"x0.128")	FACE NAIL
1"x8" AND WIDER SHEATHING TO EACH BEARING	3-8D COMMON (2 1/2"x0.131"); OR 3-10D BOX (3"x0.128")	FACE NAIL

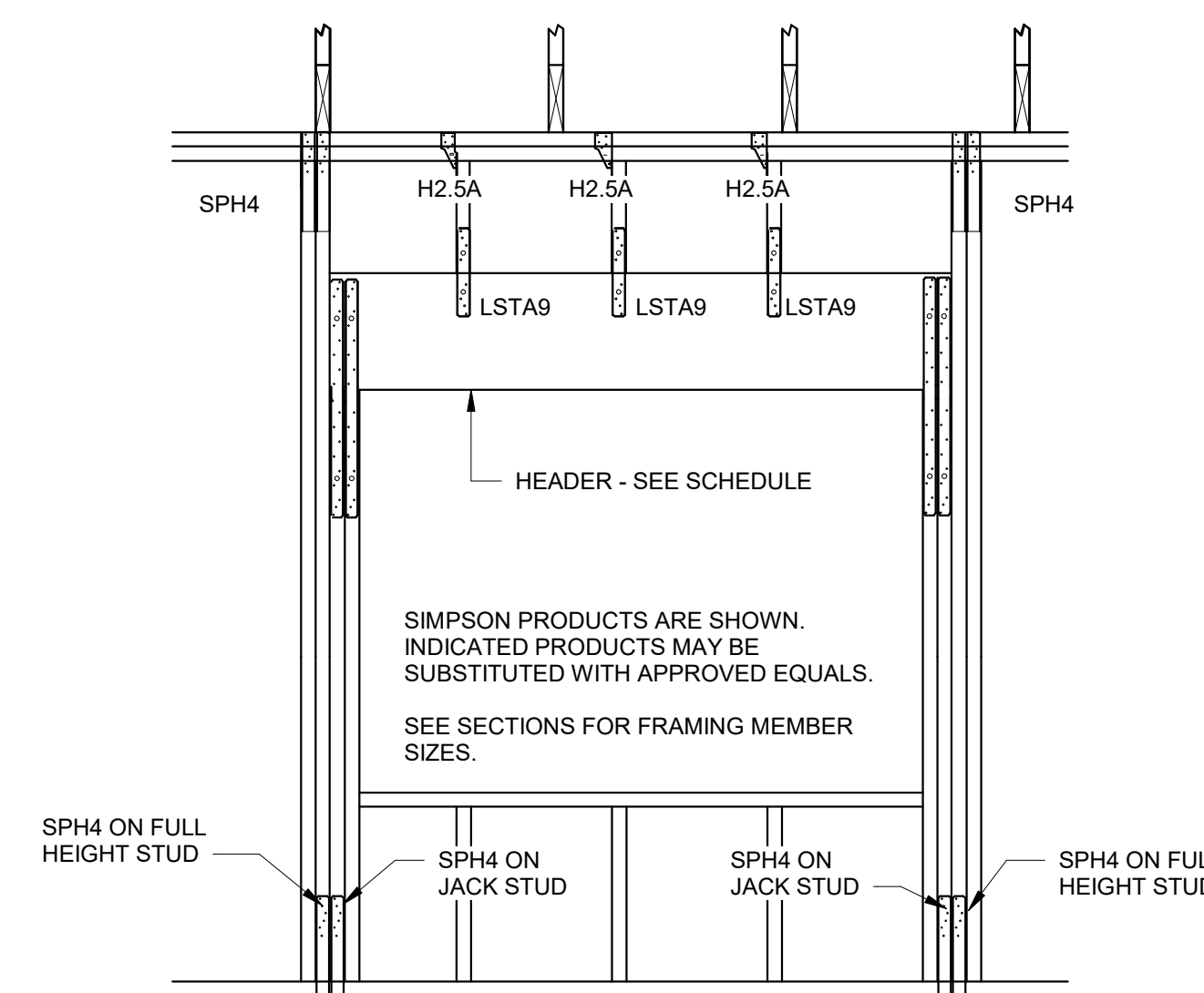
DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENERS	SPACING AND LOCATION
FLOOR		
JOIST TO SILL, TOP PLATE, OR GIRDER	3-8D COMMON (2 1/2"x0.131"); OR 3-10D BOX (3"x0.128"); OR 3-3"x0.131 NAILS; OR 3-3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL
RIM JOIST, BAND JOIST, OR BLOCKING TO TOP PLATE, SILL, OR OTHER FRAMING BELOW	8D COMMON (2 1/2"x0.131"); OR 10D BOX (3"x0.128"); OR 3"x0.131 NAILS; OR 3" 14 GAGE STAPLES, 7/16" CROWN	6" O.C., TOENAIL
1"x6" SUBFLOOR OR LESS TO EACH JOIST	2-8D COMMON (2 1/2"x0.131"); OR 2-10D BOX (3"x0.128")	FACE NAIL
2" SUBFLOOR TO JOIST OR GIRDER	2- 16D COMMON (3 1/2"x0.162")	FACE NAIL
2" PLANKS (PLANK AND BEAM - FLOOR AND ROOF)	2- 16D COMMON (3 1/2"x0.162")	EACH BEARING, FACE NAIL
BUILT-UP GIRDERS AND BEAMS, 2" LUMBER LAYERS	20D BOX (4"x0.192")	32" O.C. FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES
	10D BOX (3"x0.128"); OR 3"x0.131 NAILS; OR 3" 14 GAGE STAPLES, 7/16" CROWN	24" O.C. FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES
	AND 2-20D COMMON (4"x0.192"); OR 3-10D BOX (3"x0.128"); OR 3-3"x0.131" NAILS; OR 3-3" 14 GAUGE STAPLES, 7/16" CROWN	ENDS AND AT EACH SPLICE, FACE NAIL
LEDGER STRIP SUPPORTING JOISTS OR RAFTERS	3-16D COMMON (3 1/2"x0.162"); OR 4-10D BOX (3"x0.128"); OR 4-3"x0.131" NAILS; OR 4-3" 14 GAGE STAPLES, 7/16" CROWN	EACH JOIST OR RAFTER, FACE NAIL
JOIST TO BAND JOIST OR RIM JOIST	3-16D COMMON (3 1/2"x0.162"); OR 4-10D BOX (3"x0.128"); OR 4-3"x0.131" NAILS; OR 4-3" 14 GAGE STAPLES, 7/16" CROWN	END NAIL
BRIDGING OR BLOCKING TO JOIST, RAFTER, OR TRUSS	2-8D COMMON (2 1/2"x0.131"); OR 2-10D BOX (3"x0.128"); OR 2-3"x0.131 NAILS; OR 2-3" 14 GAGE STAPLES, 7/16" CROWN	EACH END, TOENAIL

FOR USE WHEN A SPECIFIC CONNECTION IS NOT PROVIDED IN DETAILS AND SECTIONS.

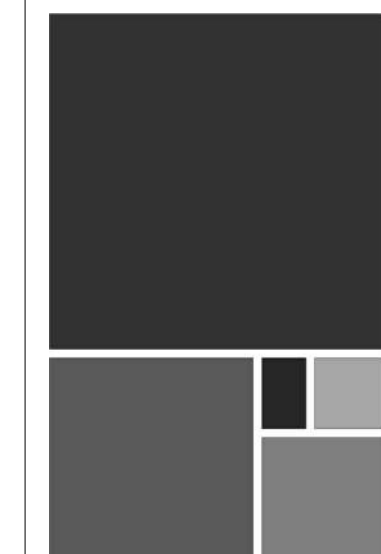
WOOD HEADER TABLE			
HEADER	MAX SPAN	DESCRIPTION	DETAIL
HD428	5'-0"	2X4 WALL WITH DOUBLE 2X8 BEAMS w/ 1/2" PLYWOOD SHIMS. NAIL TOGETHER w/ (2) 16D NAILS @12" OC.	
HD4212	8'-0"	2X4 WALL WITH DOUBLE 2X12 BEAMS w/ 1/2" PLYWOOD SHIMS. NAIL TOGETHER w/ (3) 16D NAILS @12" OC.	
HD628	6'-6"	2X6 WALL WITH TRIPLE 2X8 BEAMS w/ 1/2" PLYWOOD SHIMS. NAIL TOGETHER w/ (2) 16D NAILS @12" OC.	
HD6212	10'-0"	2X6 WALL WITH TRIPLE 2X12 BEAMS w/ 1/2" PLYWOOD SHIMS. NAIL TOGETHER w/ (3) 16D NAILS @12" OC.	
HD628i	5'-6"	2X6 WALL WITH DOUBLE 2X8 HEADER BEAMS w/ 2X6 T&B PLATES. NAIL TOGETHER w/ 16D NAILS @6" OC.	
HD6212i	8'-6"	2X6 WALL WITH DOUBLE 2X12 HEADER BEAMS w/ 2X6 T&B PLATES. NAIL TOGETHER w/ 16D NAILS @6" OC.	
HD6212hs	12'-0"	2X6 WALL WITH TRIPLE 2X12 HEADER BEAMS w/ 2X6 T&B PLATES. NAIL TOGETHER w/ (3) 16D NAILS @6" OC T&B.	



TYPICAL DOOR OPENING HOLD-DOWN



TYPICAL WINDOW OPENING HOLD-DOWN



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GULF SHORES, ALABAMA

No.	Date	Revision	Description
1	03/24/2023	Rev. 1	CS - COMMENTS
2	03/24/2023	Rev. 2	AS - ADDED 16D NAIL DETAIL

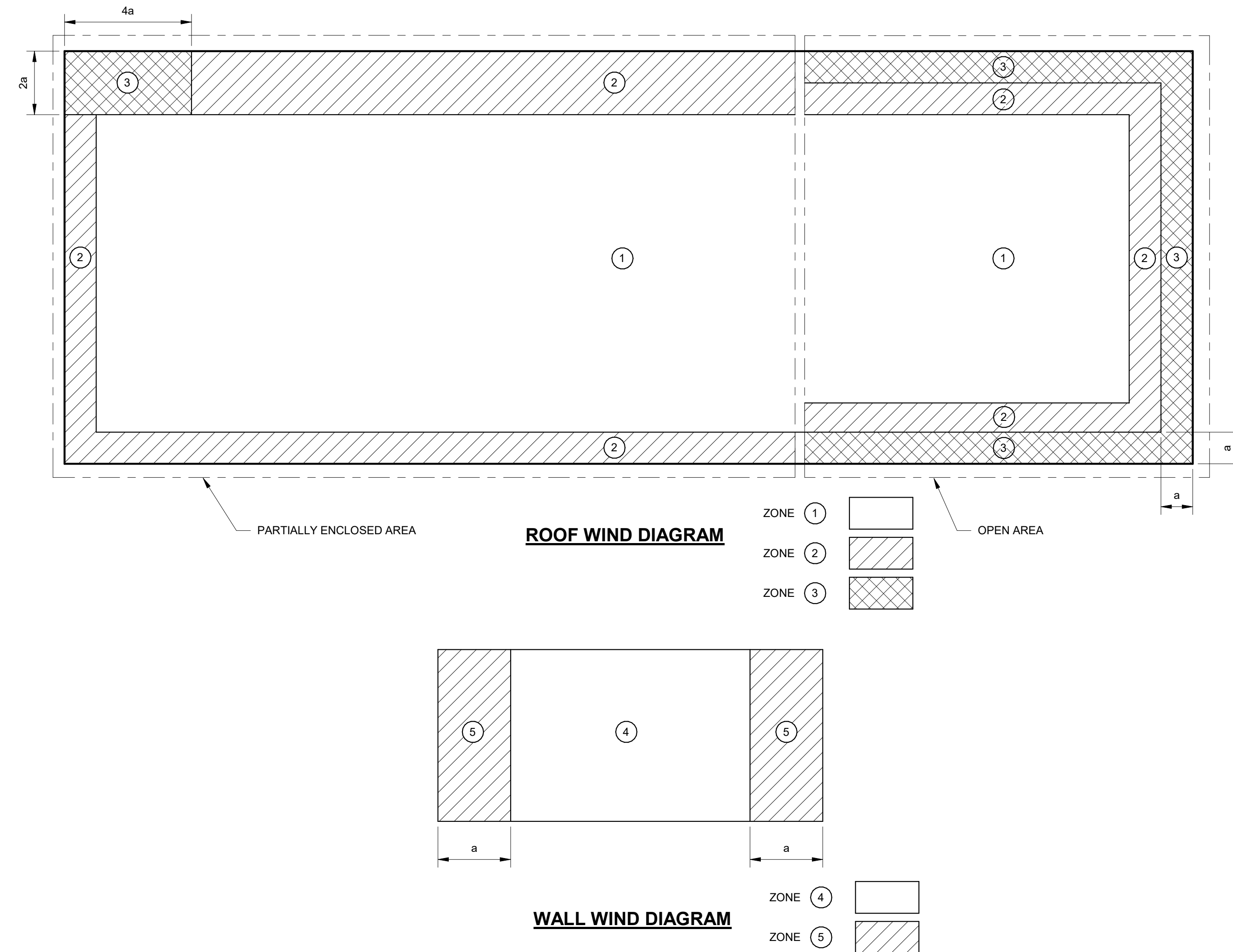
JOB  
**20-1101-0049**

PROJECT STATUS  
**CONFORMANCE SET**

DATE  
**MARCH 24, 2023**

SHEET NAME  
**SCHEDULES & TABLES**

SHEET NO.  
**SS003**



C&C Pressures Table								
LOCATION	ZONE	AREA	ULTIMATE +P	ULTIMATE -P	ALLOWABLE +P	ALLOWABLE -P	OH ULT. -P	OH ALL. -P
ROOF	1	10	43.9	-85.4	26.3	-51.2	-25.4	-15.2
ROOF	1	20	42.9	-83.1	25.7	-49.9	-25.4	-15.2
ROOF	1	50	41.6	-80.3	25.0	-48.2	-25.4	-15.2
ROOF	1	100	39.2	-76.2	23.5	-45.7	-25.4	-15.2
ROOF	1	200	39.2	-76.2	23.5	-45.7	-25.4	-15.2
ROOF	1	500	39.2	-76.2	23.5	-45.7	-25.4	-15.2
ROOF	2	10	43.9	-99.3	26.3	-59.6	-140.8	-84.5
ROOF	2	20	42.9	-94.7	25.7	-56.8	-140.8	-84.5
ROOF	2	50	41.6	-87.7	25.0	-52.6	-113.1	-67.9
ROOF	2	100	39.2	-80.8	23.5	-48.5	-94.7	-56.8
ROOF	2	200	39.2	-80.8	23.5	-48.5	-94.7	-56.8
ROOF	2	500	39.2	-80.8	23.5	-48.5	-94.7	-56.8
ROOF	3	10	43.9	-159.3	26.3	-95.6	-242.4	-145.4
ROOF	3	20	42.9	-145.4	25.7	-87.2	-210.1	-126.1
ROOF	3	50	41.6	-131.6	25.0	-79.0	-163.9	-98.3
ROOF	3	100	39.2	-117.7	23.5	-70.6	-131.6	-79.0
ROOF	3	200	39.2	-117.7	23.5	-70.6	-94.7	-56.8
ROOF	3	500	39.2	-117.7	23.5	-70.6	-94.7	-56.8
WALL	4	10	71.6	-76.2	43.0	-45.7	---	---
WALL	4	20	67.9	-73.9	40.7	-44.3	---	---
WALL	4	50	64.2	-70.6	38.5	-42.4	---	---
WALL	4	100	62.8	-67.9	37.7	-40.7	---	---
WALL	4	200	61.4	-65.6	36.8	-39.4	---	---
WALL	4	500	57.7	-62.3	34.6	-37.4	---	---
WALL	5	10	71.6	-90.0	43.0	-54.0	---	---
WALL	5	20	67.9	-85.4	40.7	-51.2	---	---
WALL	5	50	64.2	-78.5	38.5	-47.1	---	---
WALL	5	100	62.8	-73.0	37.7	-43.8	---	---
WALL	5	200	61.4	-69.3	36.8	-41.6	---	---
WALL	5	500	57.7	-62.3	34.6	-37.4	---	---

NOTES:  
 1. DESIGN BASED ON ASCE 7-16, SECTION 30. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.  
 2. ALLOWABLE WIND LOADS ARE 60% OF ULTIMATE WIND LOADS.  
 3. PRESSURE CATEGORY, PARTIALLY ENCLOSED.  
 4. WIDTH OF EDGE STRIP, "a" = 3'-0".

C&C Pressures Table Open						
OPEN LOCATION	OPEN ZONE	OPEN AREA	OPEN ULTIMATE +P	OPEN ULTIMATE -P	OPEN ALLOWABLE +P	OPEN ALLOWABLE -P
ROOF	1	≤ a2	71.5	-75.4	42.9	-45.2
ROOF	1	> a2 ≤ 4.0a2	71.5	-75.4	42.9	-45.2
ROOF	1	> 4.0a2	71.5	-75.4	42.9	-45.2
ROOF	2	≤ a2	107.2	-115.2	64.3	-69.1
ROOF	2	> a2 ≤ 4.0a2	107.2	-115.2	64.3	-69.1
ROOF	2	> 4.0a2	71.5	-75.4	42.9	-45.2
ROOF	3	≤ a2	143.0	-150.9	85.8	-90.5
ROOF	3	> a2 ≤ 4.0a2	107.2	-115.2	64.3	-69.1
ROOF	3	> 4.0a2	71.5	-75.4	42.9	-45.2

NOTES:  
 1. DESIGN BASED ON ASCE 7-16, SECTION 30. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.  
 2. ALLOWABLE WIND LOADS ARE 60% OF ULTIMATE WIND LOADS.  
 3. PRESSURE CATEGORY, OPEN.  
 4. WIDTH OF EDGE STRIP, "a" = 3'-0".

**ARCHITECTURE WORKS**

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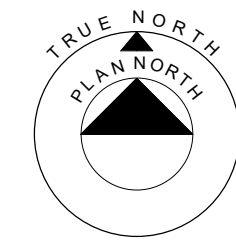
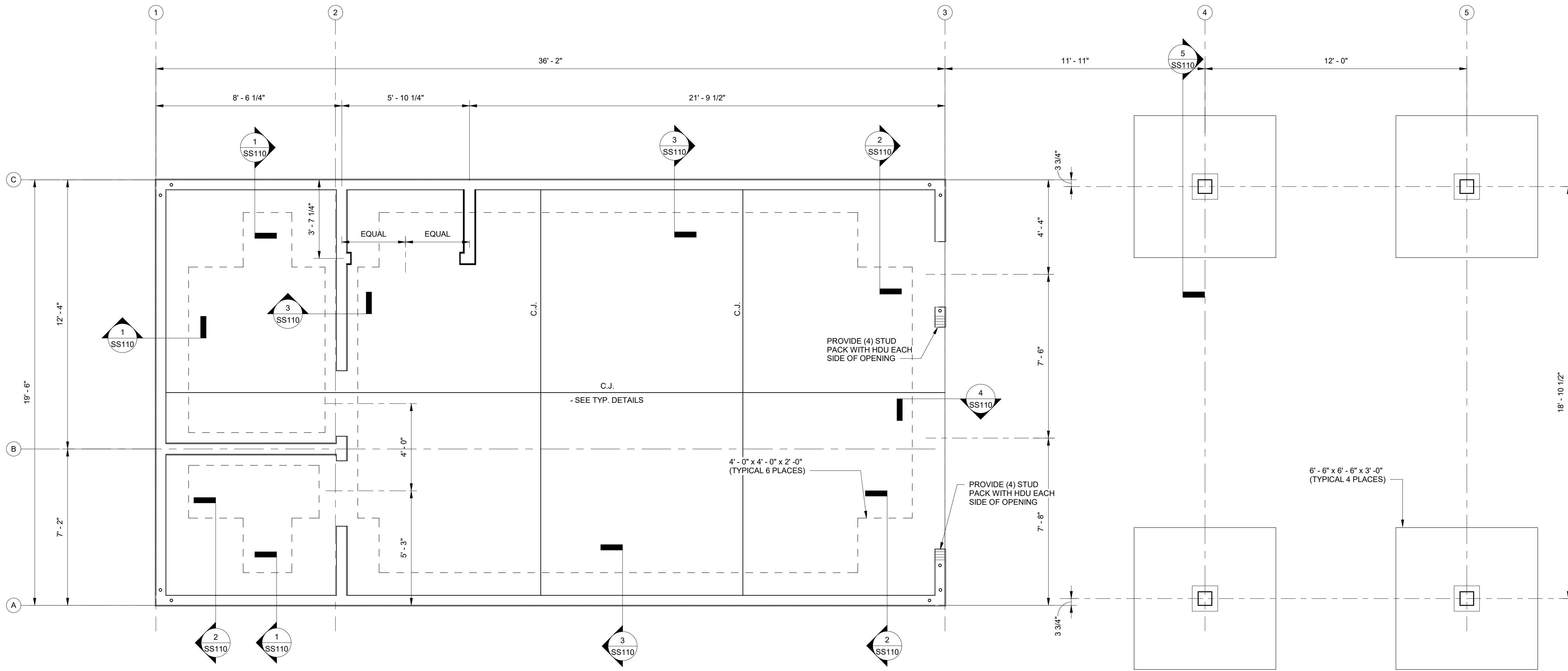
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Job No.	
Revision	
Date	
No.	
JOB	20-1101-0049
PROJECT STATUS	CONFORMANCE SET
DATE	MARCH 24, 2023
SHEET NAME	C&C WIND DIAGRAMS AND TYPICAL DETAILS
SHEET NO.	SS004

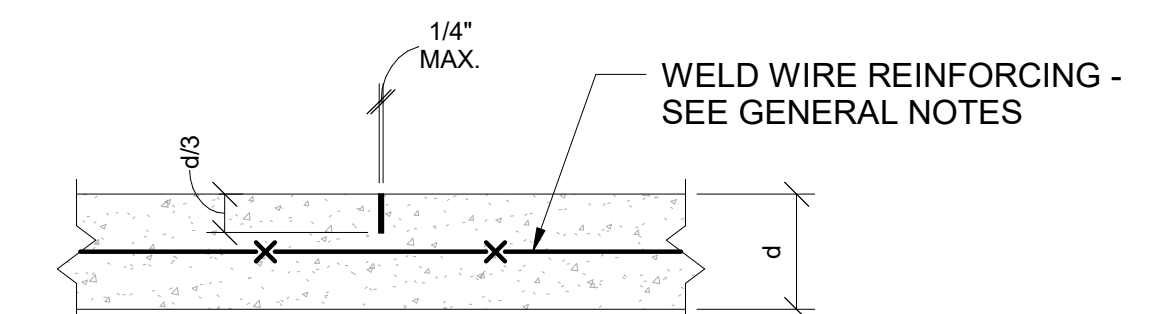
No.	Date	Revision	Description

JOB	<b>20-1101-0049</b>
PROJECT STATUS	<b>CONFORMANCE SET</b>
DATE	<b>MARCH 24, 2023</b>
SHEET NAME	<b>SLAB AND FOUNDATION PLAN</b>
SHEET NO.	<b>SS100</b>



**SLAB AND FOUNDATION PLAN**  
SCALE: 3/8" = 1'-0"

1. FINISH FLOOR (TOP OF SLAB) REFERENCE ELEVATION 0'-0", UNO.
2. FOR SLAB ON GRADE CONSTRUCTION, SEE GENERAL NOTES, TYPICAL DETAILS, AND PLAN SHEETS.
3. FOR SLAB SLOPE, RECESSES, AND PENETRATIONS, SEE ARCHITECTURAL DRAWINGS.
4. FOR OPENING LOCATION AND SIZES, SEE ARCHITECTURAL DRAWINGS.
5. ALL EXTERIOR PERIMETER WOOD FRAMED WALLS ARE SHEARWALLS. SEE GENERAL NOTES FOR SHEATHING AND NAILING INFORMATION.
6. PROVIDE SIMPSON HDU4-SDS2.5 HOLDOWN WITH 5/8" DIA. x 8" TITEN HDSS TYPE 316 AT EACH END OF EACH SHEAR WALL.



**NOTE:**  
SAWCUTTING SHALL BE PERFORMED 4 TO 12 HOURS AFTER PLACING CONCRETE, FILL JOINT WHEN WIDTH EXCEEDS 1/8"

**SLAB ON GRADE  
TYPICAL CONTROL JOINT**



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No.	Date	Revision

JOB  
**20-1101-0049**

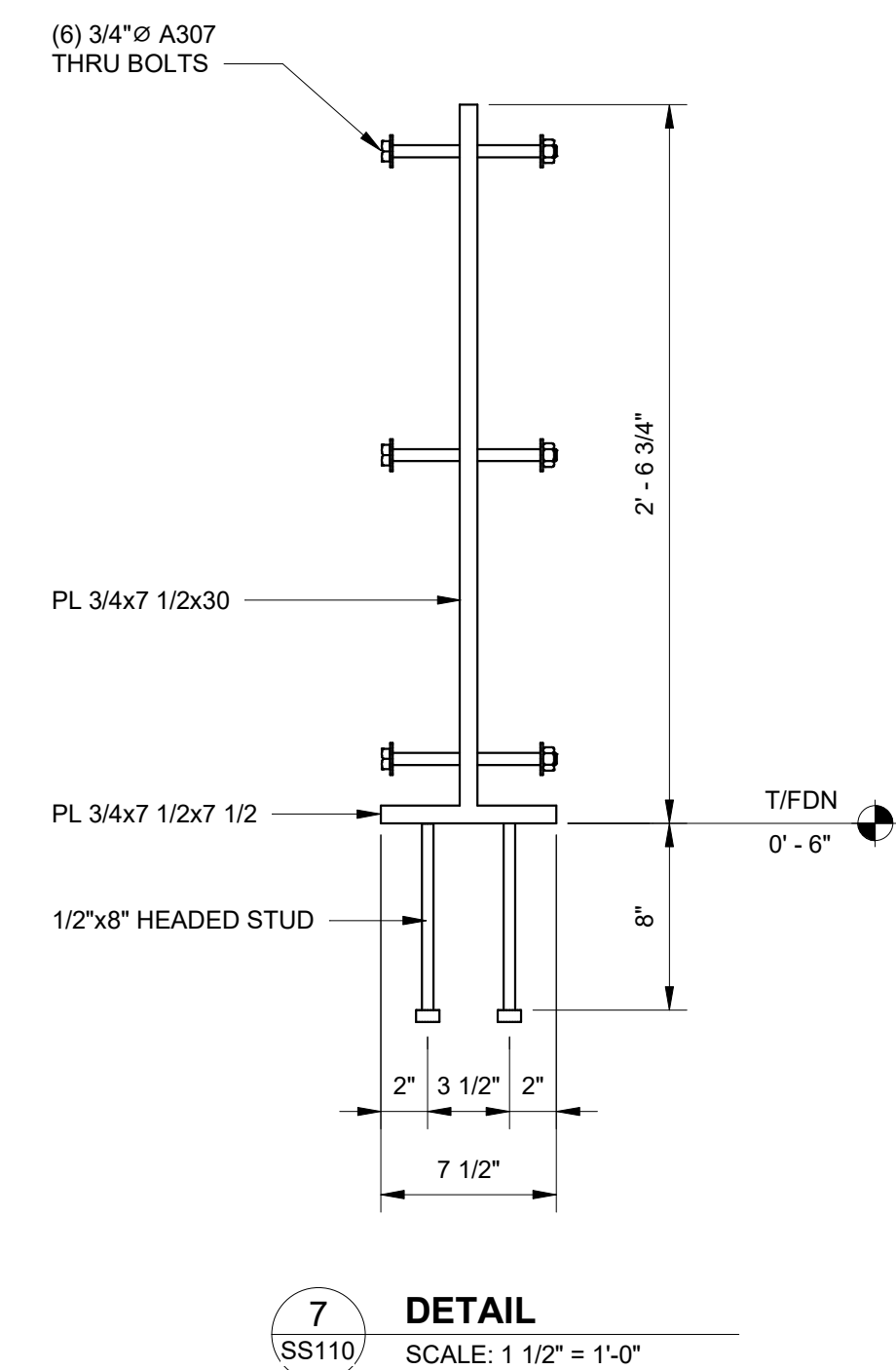
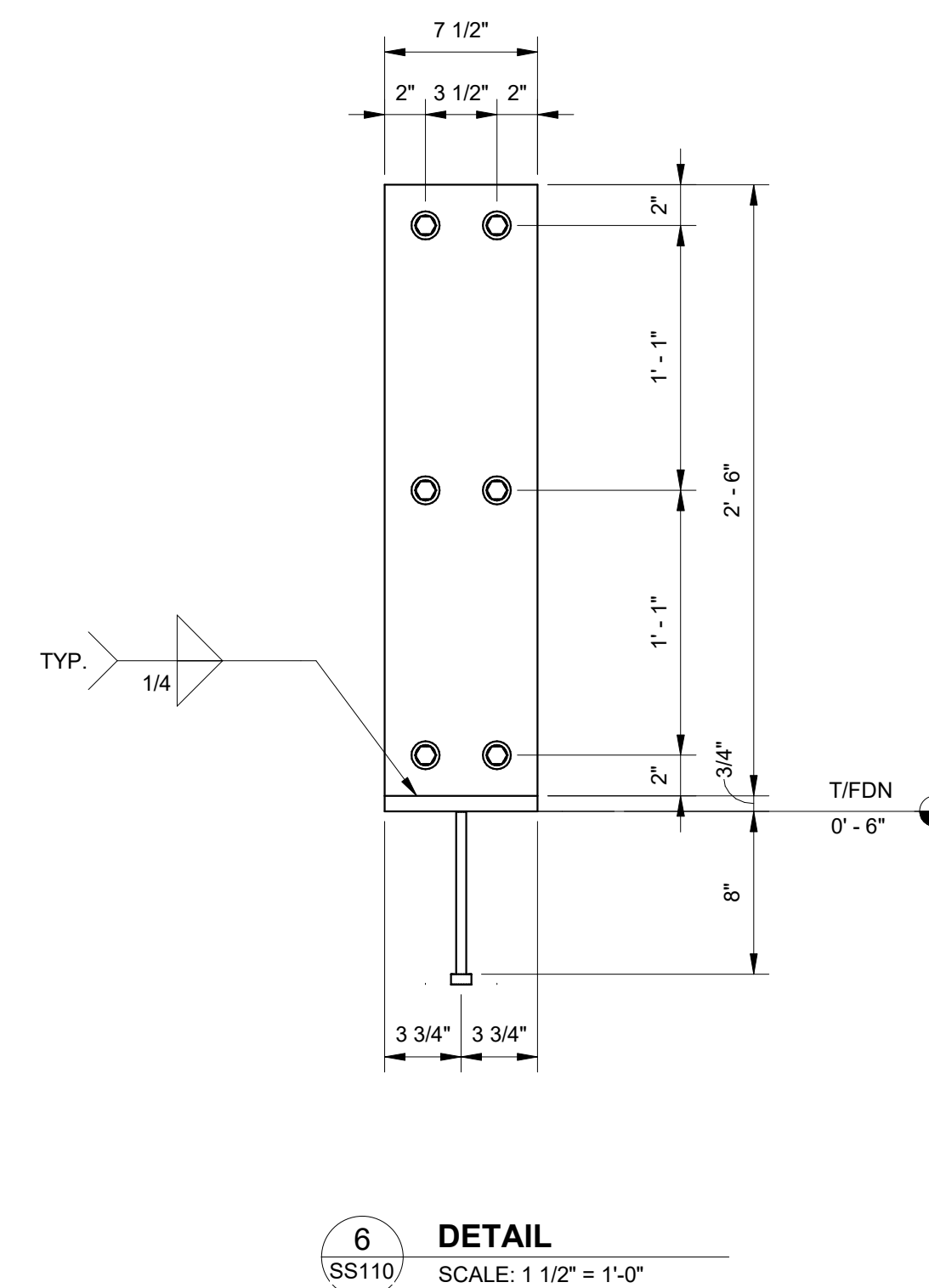
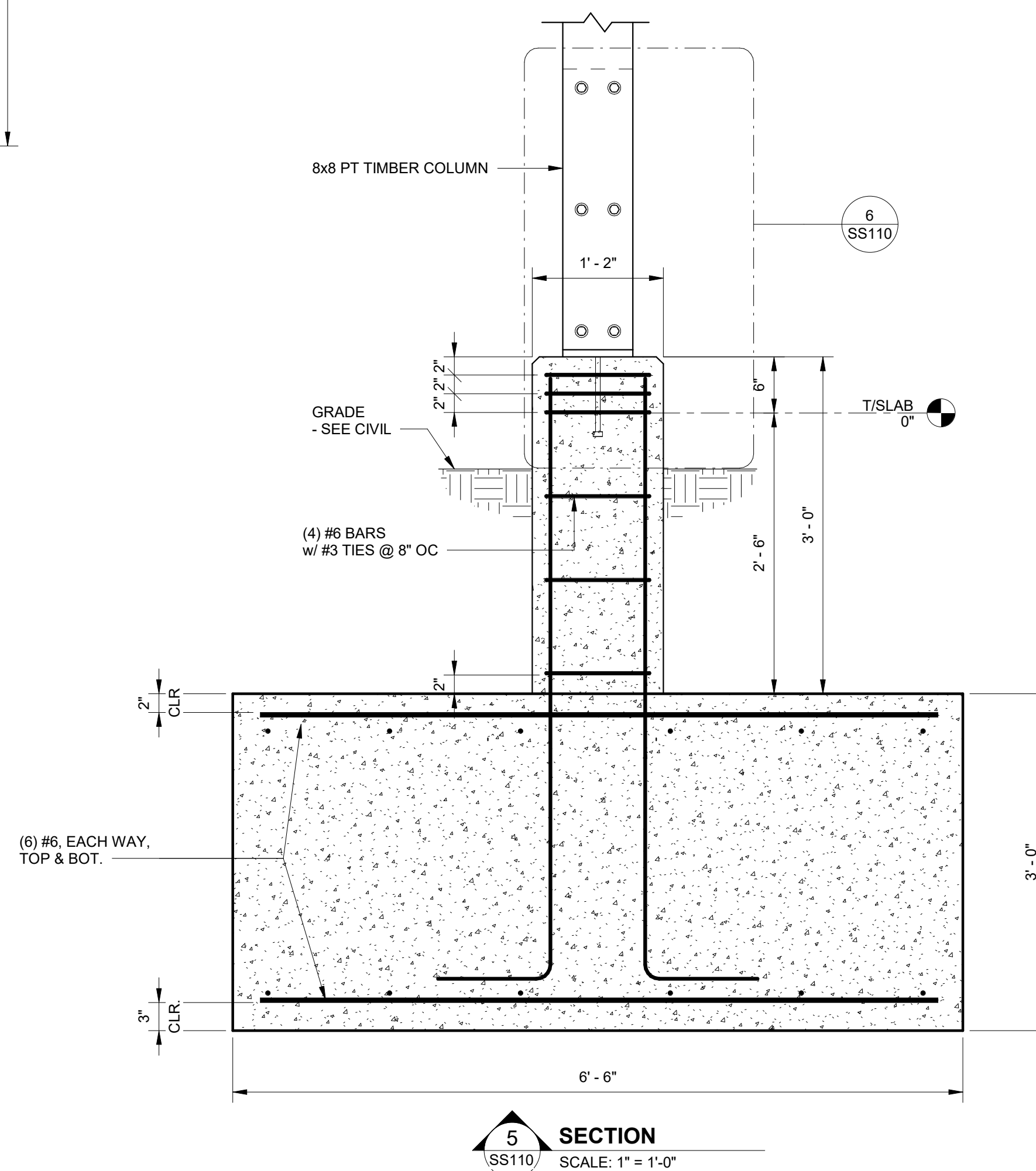
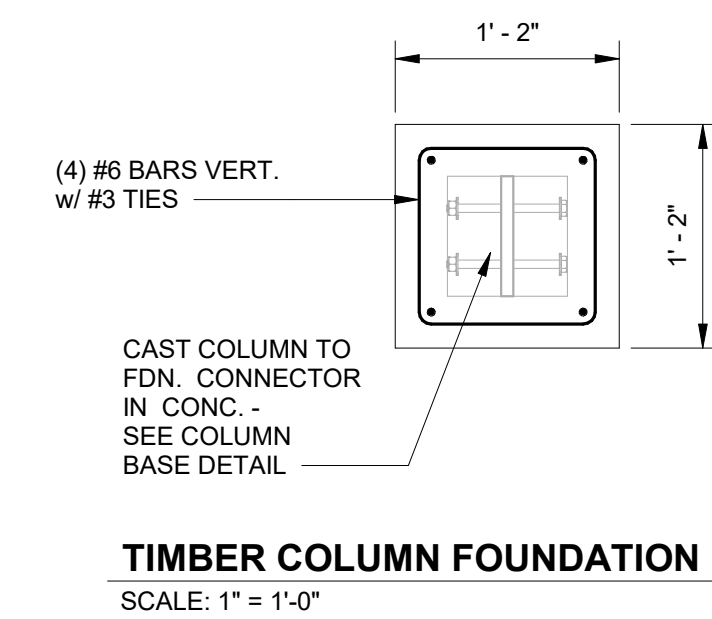
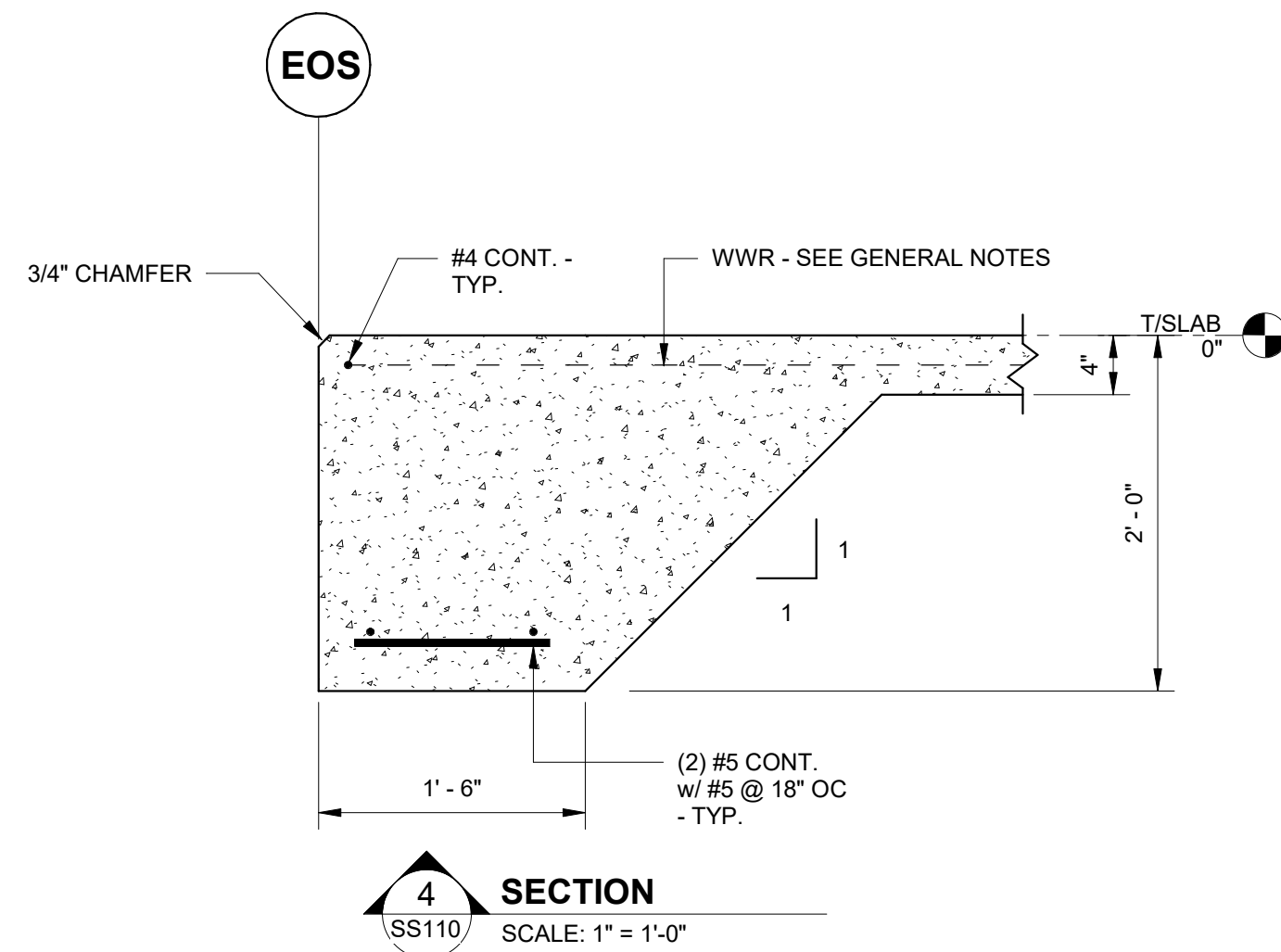
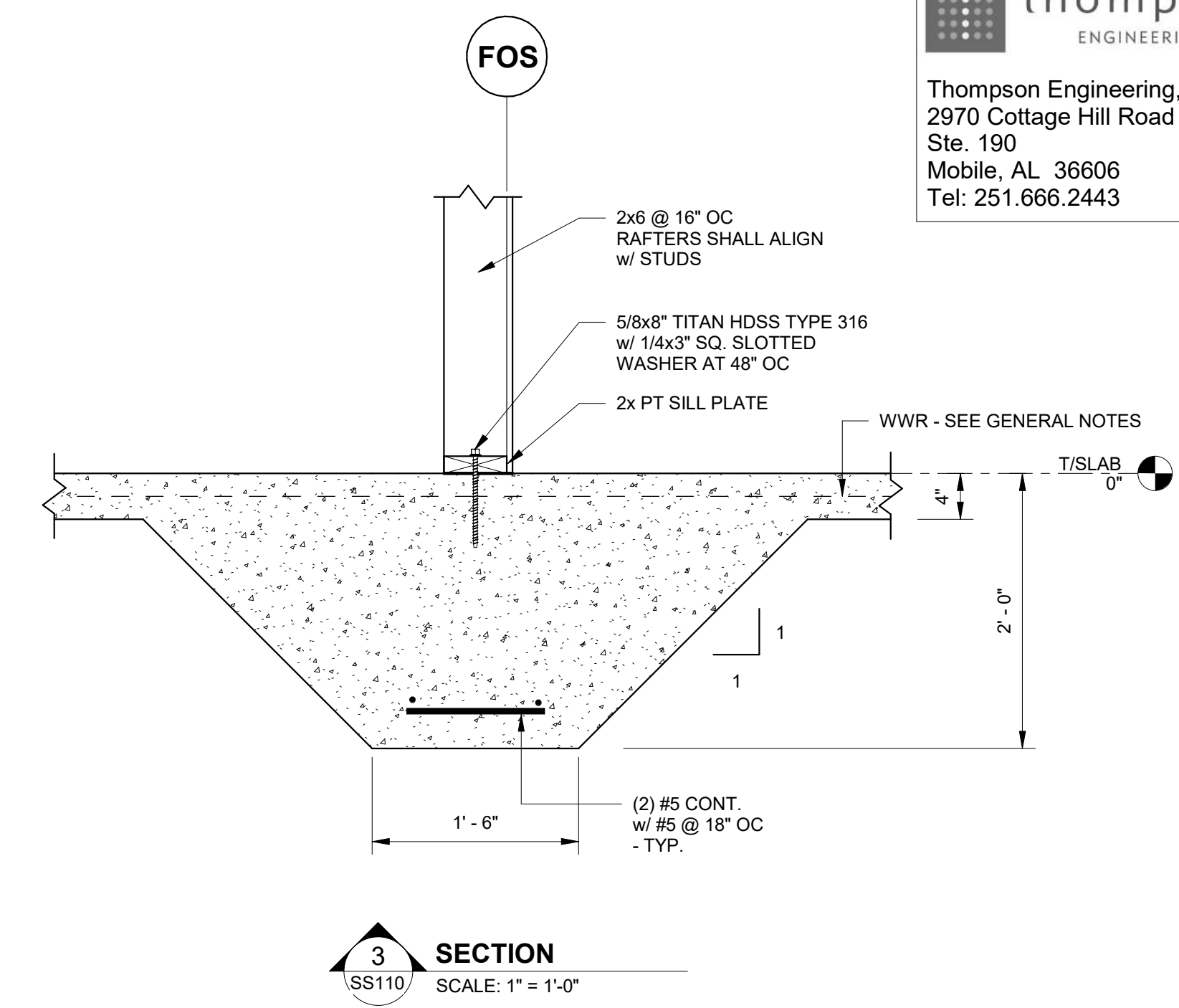
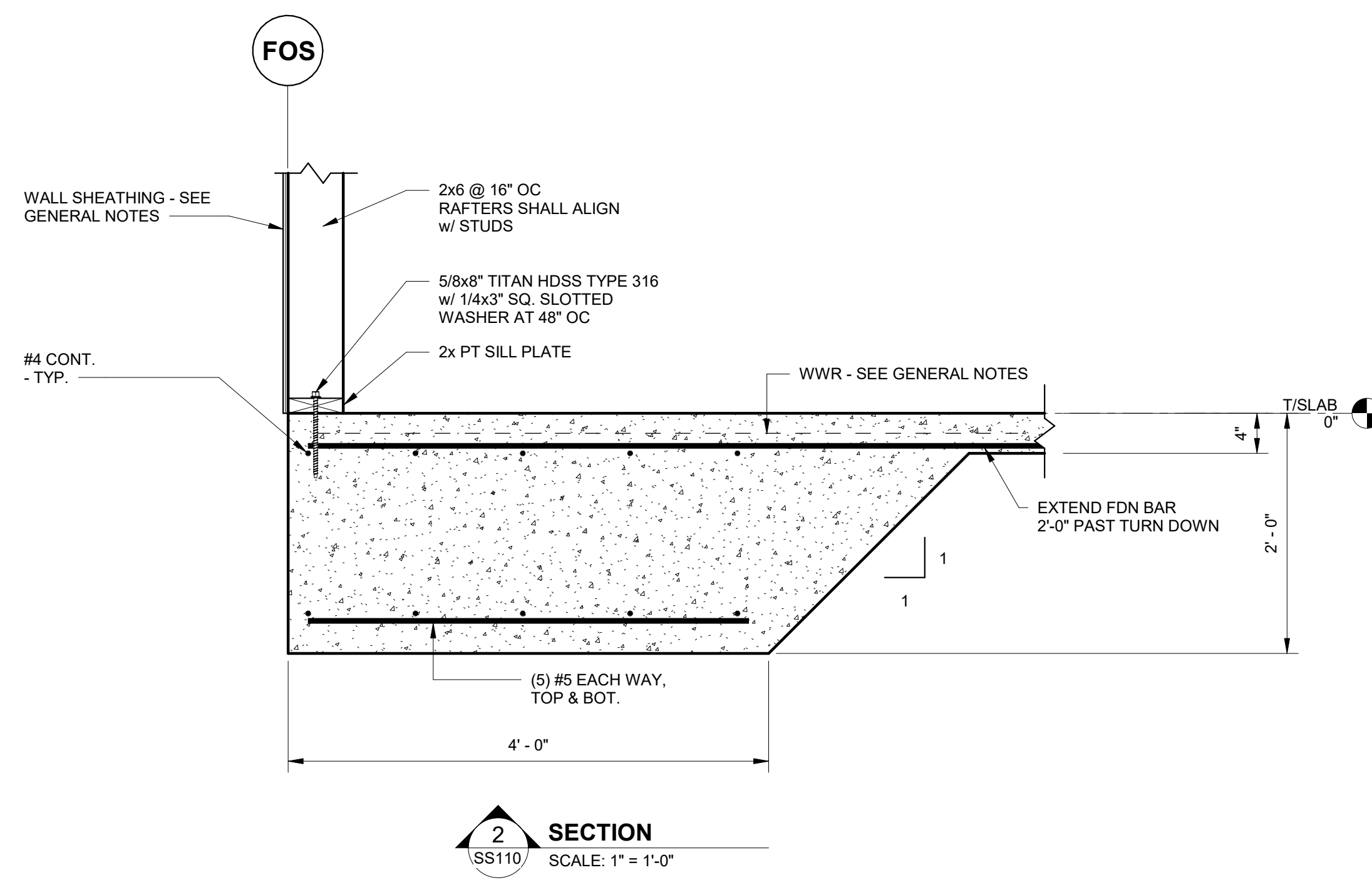
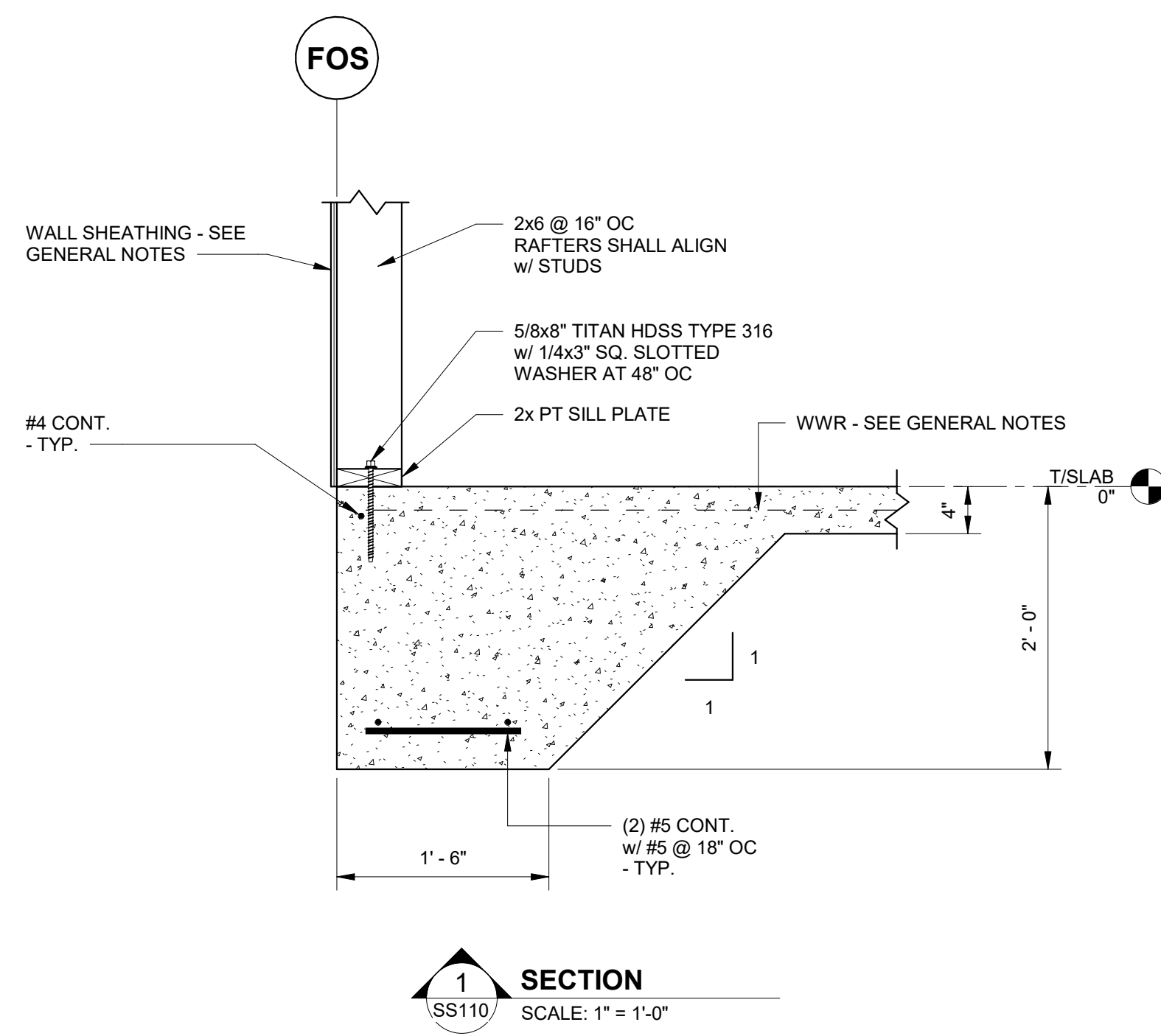
PROJECT STATUS  
**CONFORMANCE SET**

DATE  
**MARCH 24, 2023**

SHEET NAME  
**SLAB AND FOUNDATION SECTIONS**

SHEET NO.

**SS110**





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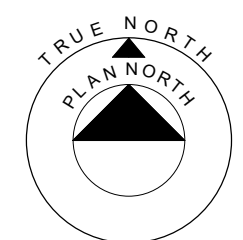
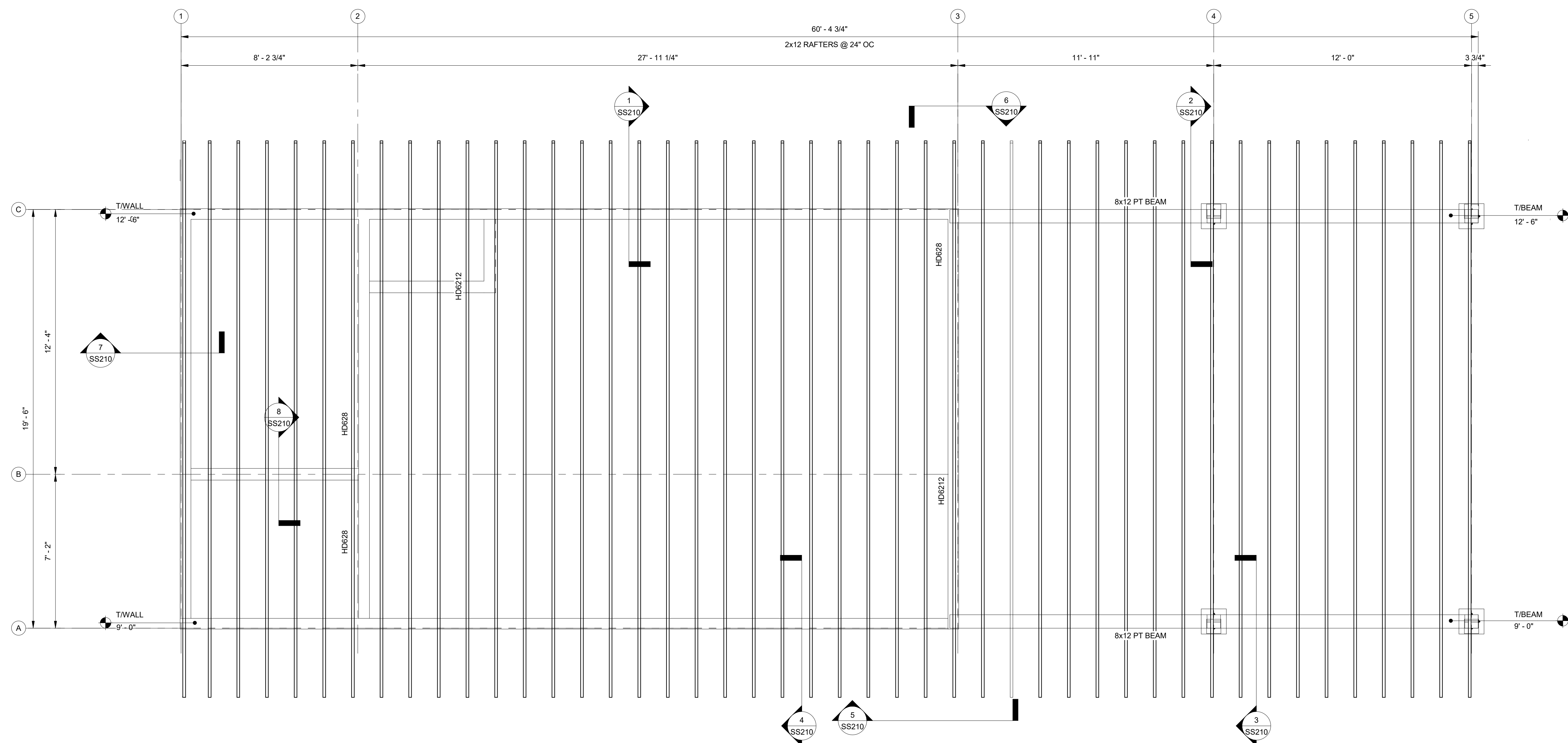
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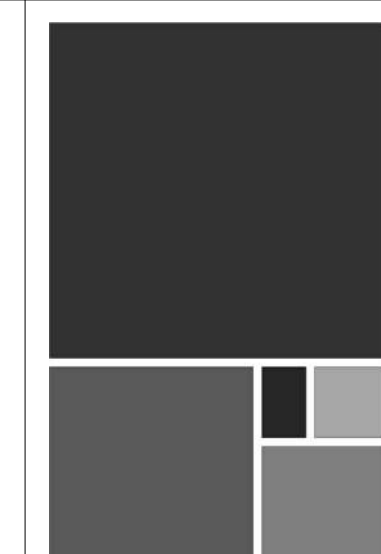
**ROOF FRAMING PLAN**

SCALE: 3/8" = 1'-0"

1. SEE PLAN FOR BEARING ELEVATIONS. FRAMING MEMBERS ARE EITHER LEVEL OR SLOPING UNIFORMLY BETWEEN NOTED ELEVATIONS.
2. SEE DETAILS, SECTIONS, AND WOOD FRAMING CONNECTION TABLE FOR NAILED CONNECTIONS. WOOD HEADER OVER OPENINGS IS CALLED OUT AS HDxxx. SEE HEADER SCHEDULE FOR DESIGN AND MAXIMUM ALLOWED SPAN.

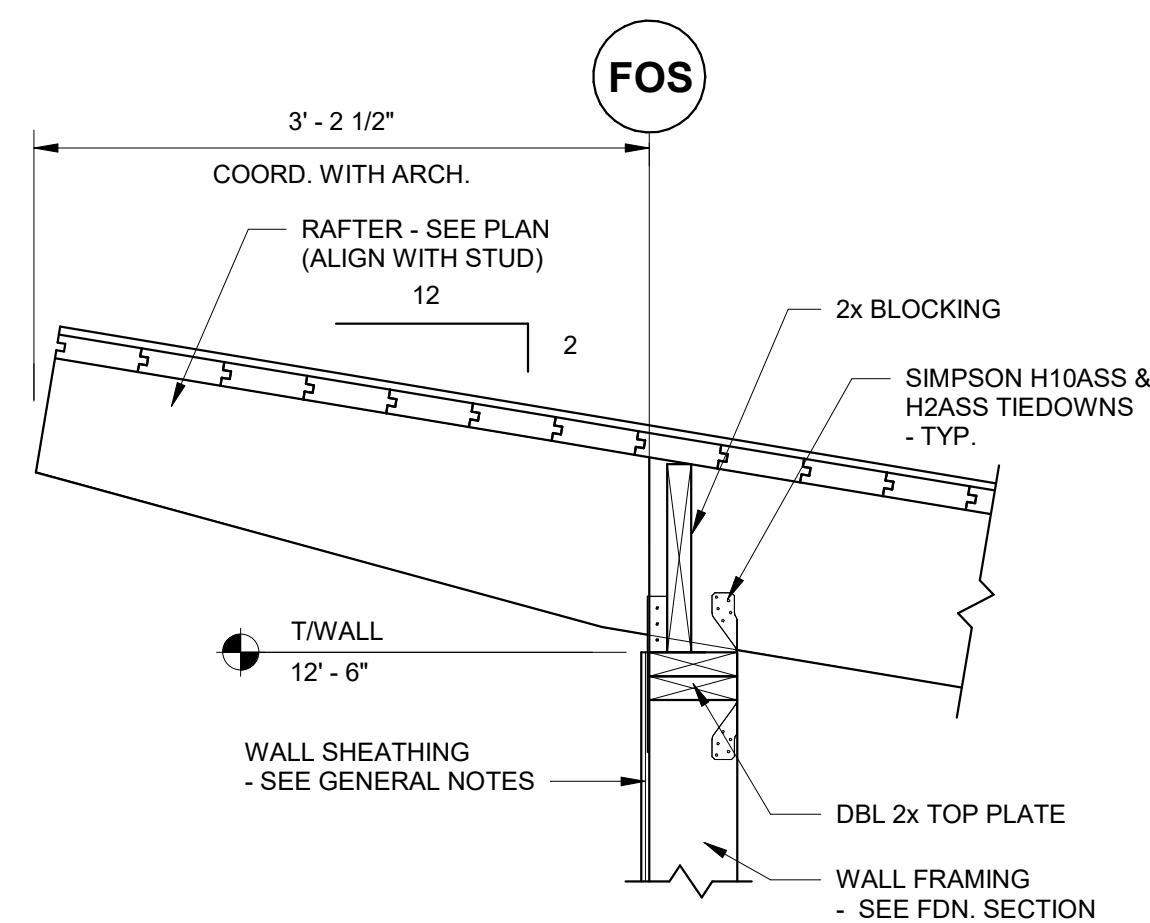
Revised	
Revision	
Date	
No.	

JOB	20-1101-0049
PROJECT STATUS	CONFORMANCE SET
DATE	MARCH 24, 2023
SHEET NAME	ROOF FRAMING PLAN
SHEET NO.	SS200

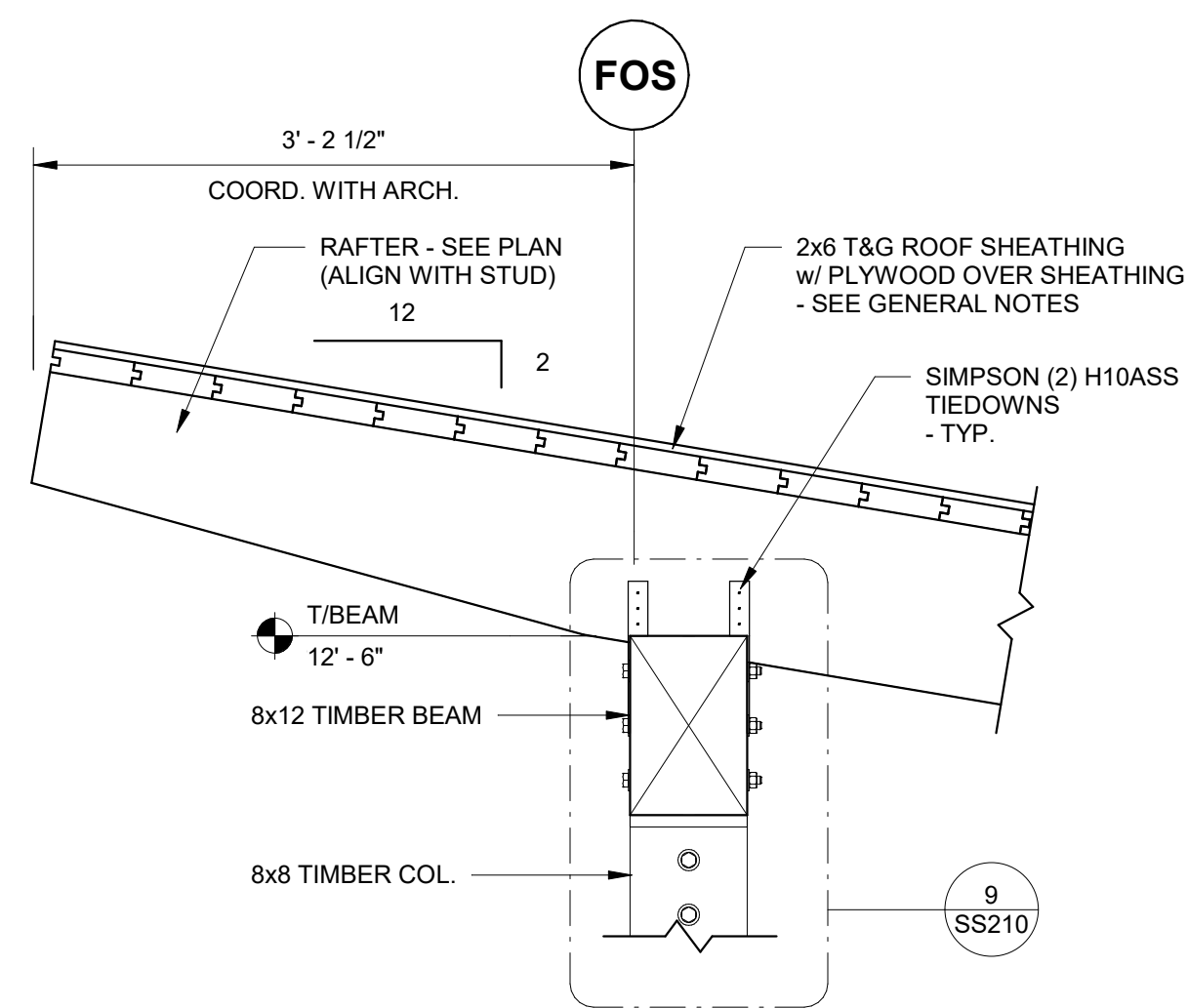


No.	Date	Revision	Description

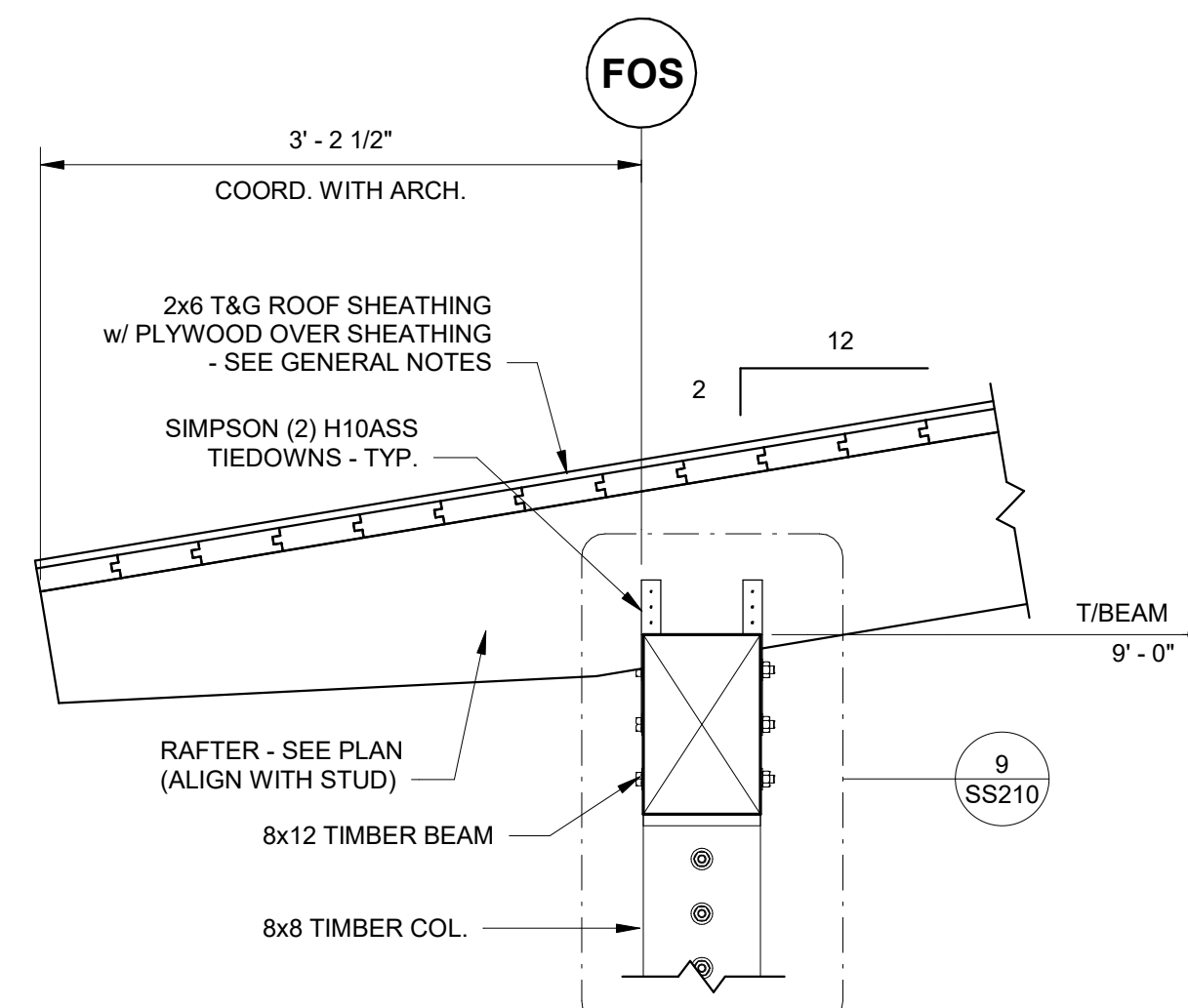
JOB	20-1101-0049
PROJECT STATUS	CONFORMANCE SET
DATE	MARCH 24, 2023
SHEET NAME	ROOF FRAMING SECTIONS
SHEET NO.	SS210



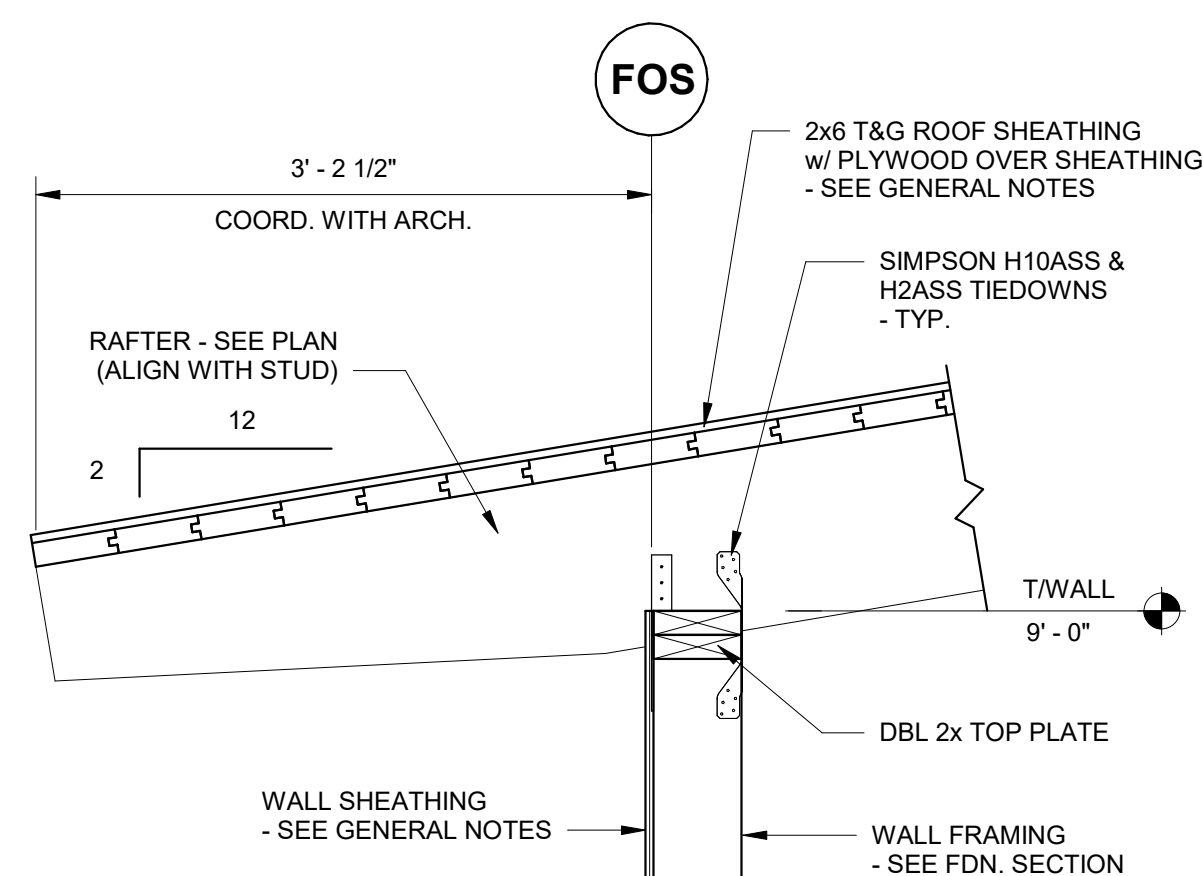
1 SECTION  
SS210 SCALE: 1" = 1'-0"



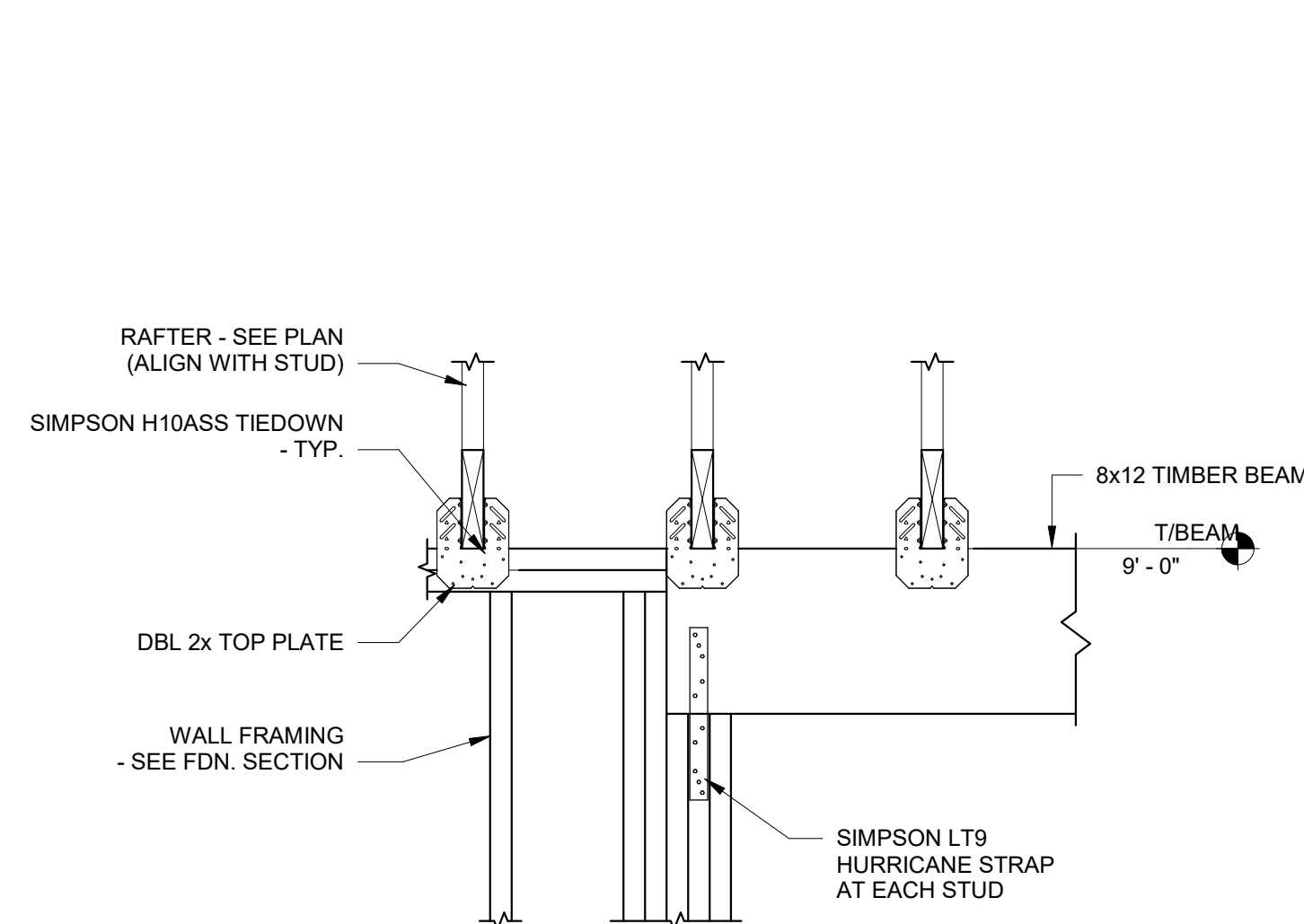
2 SECTION  
SS210 SCALE: 1" = 1'-0"



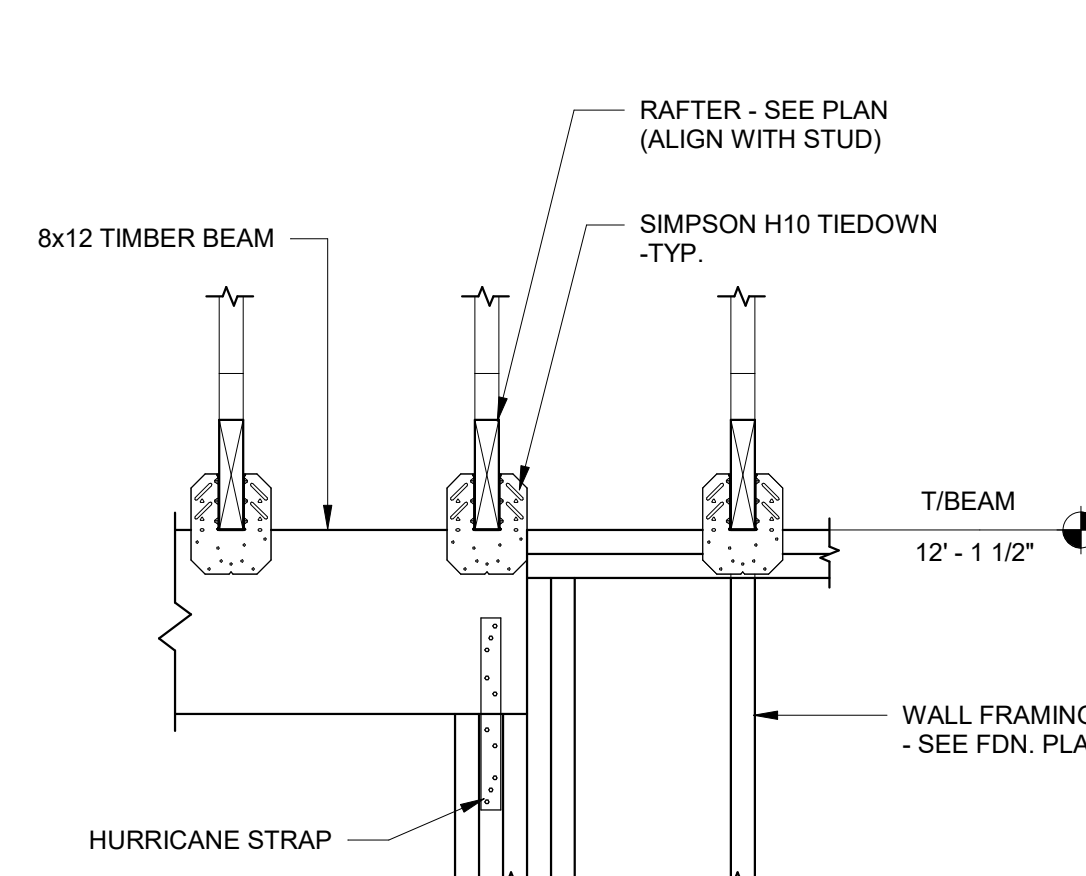
3 SECTION  
SS210 SCALE: 1" = 1'-0"



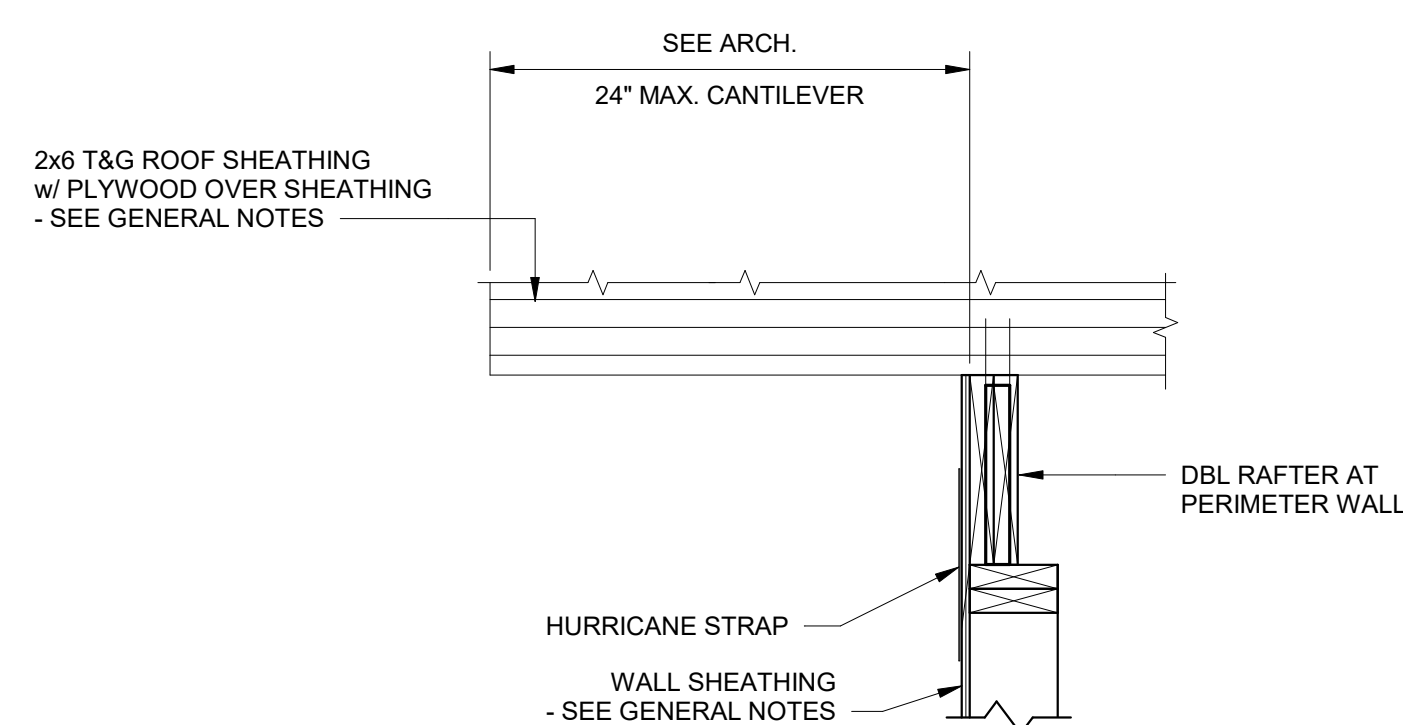
4 SECTION  
SS210 SCALE: 1" = 1'-0"



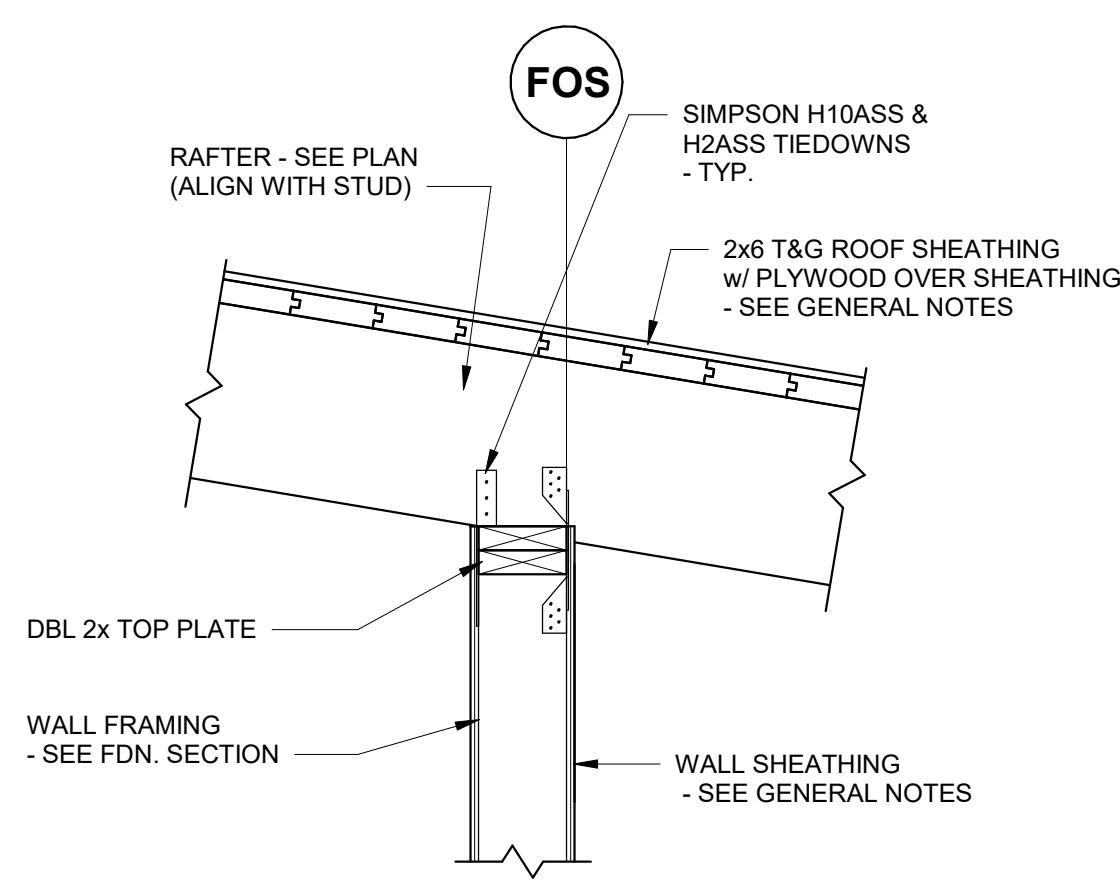
5 SECTION  
SS210 SCALE: 1" = 1'-0"



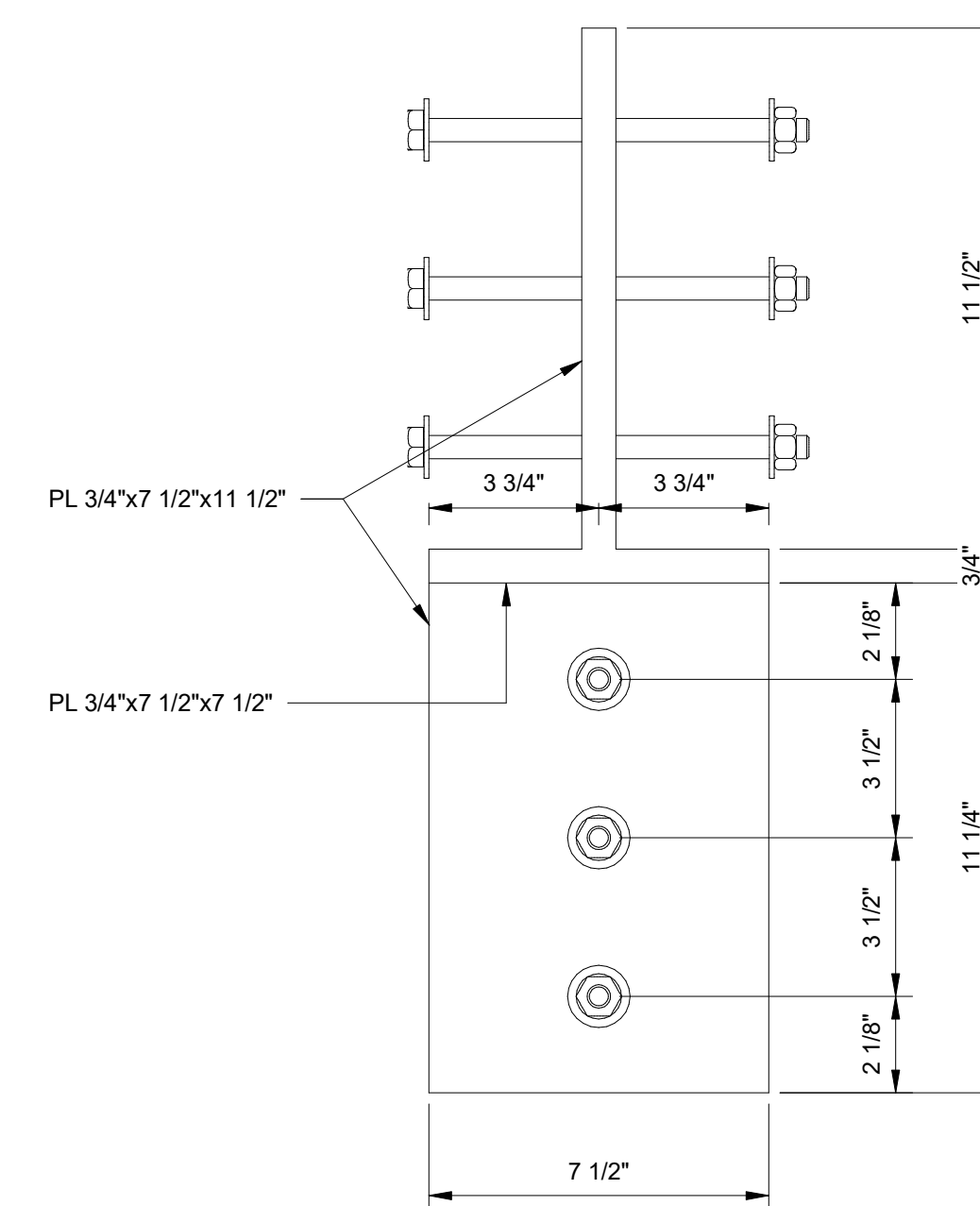
6 SECTION  
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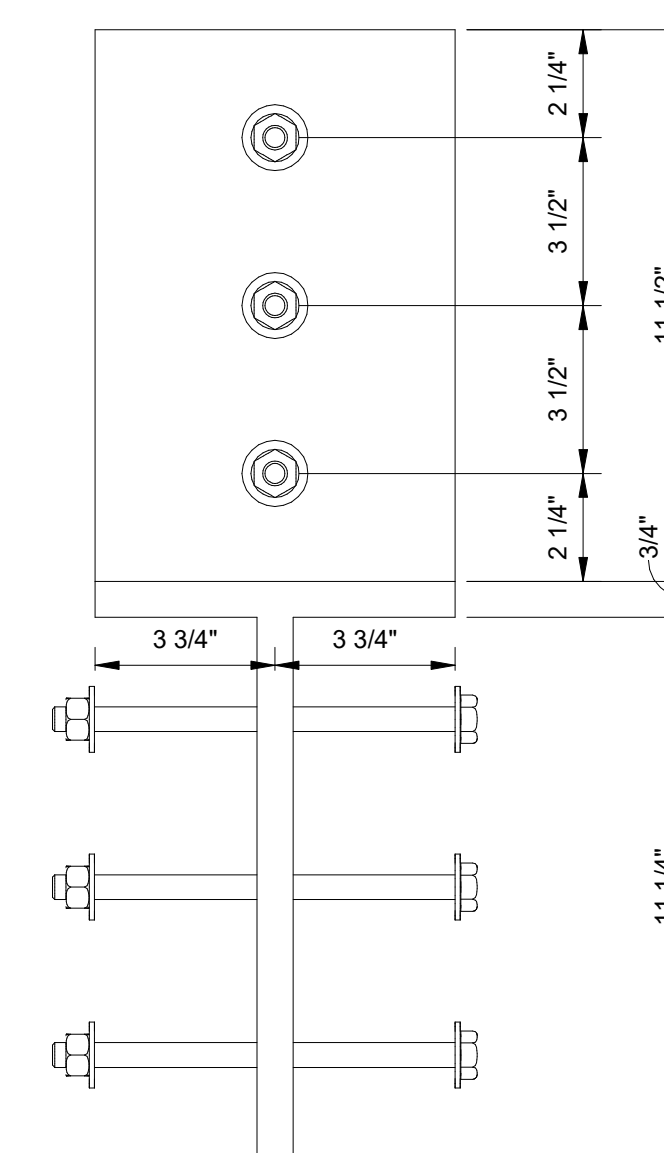
7 SECTION  
SS210 SCALE: 1" = 1'-0"



8 SECTION  
SS210 SCALE: 1" = 1'-0"



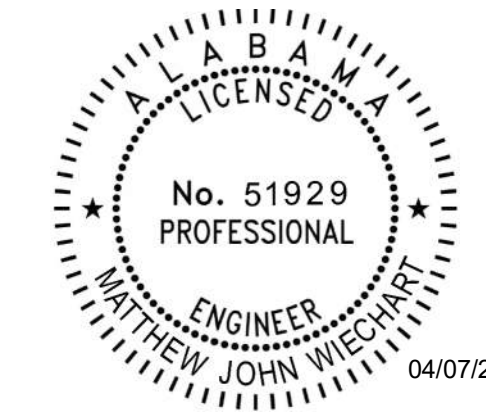
9 DETAIL  
SS210 SCALE: 3" = 1'-0"



10 DETAIL  
SS210 SCALE: 3" = 1'-0"







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DATE	
REVISION	
DATE	
NO.	

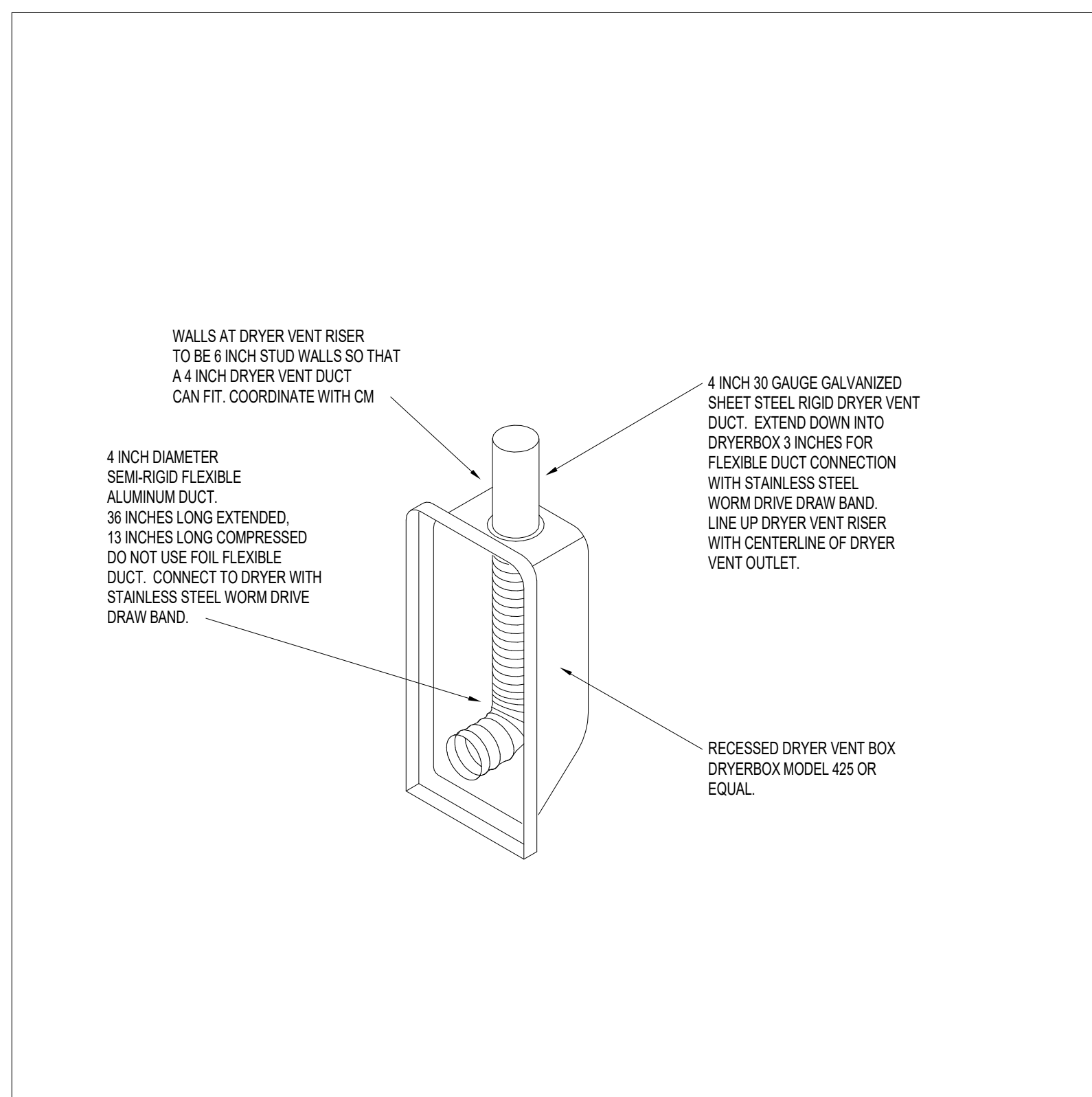
JOB  
**19-028.000**

PROJECT STATUS  
**CONFORMANCE SET**

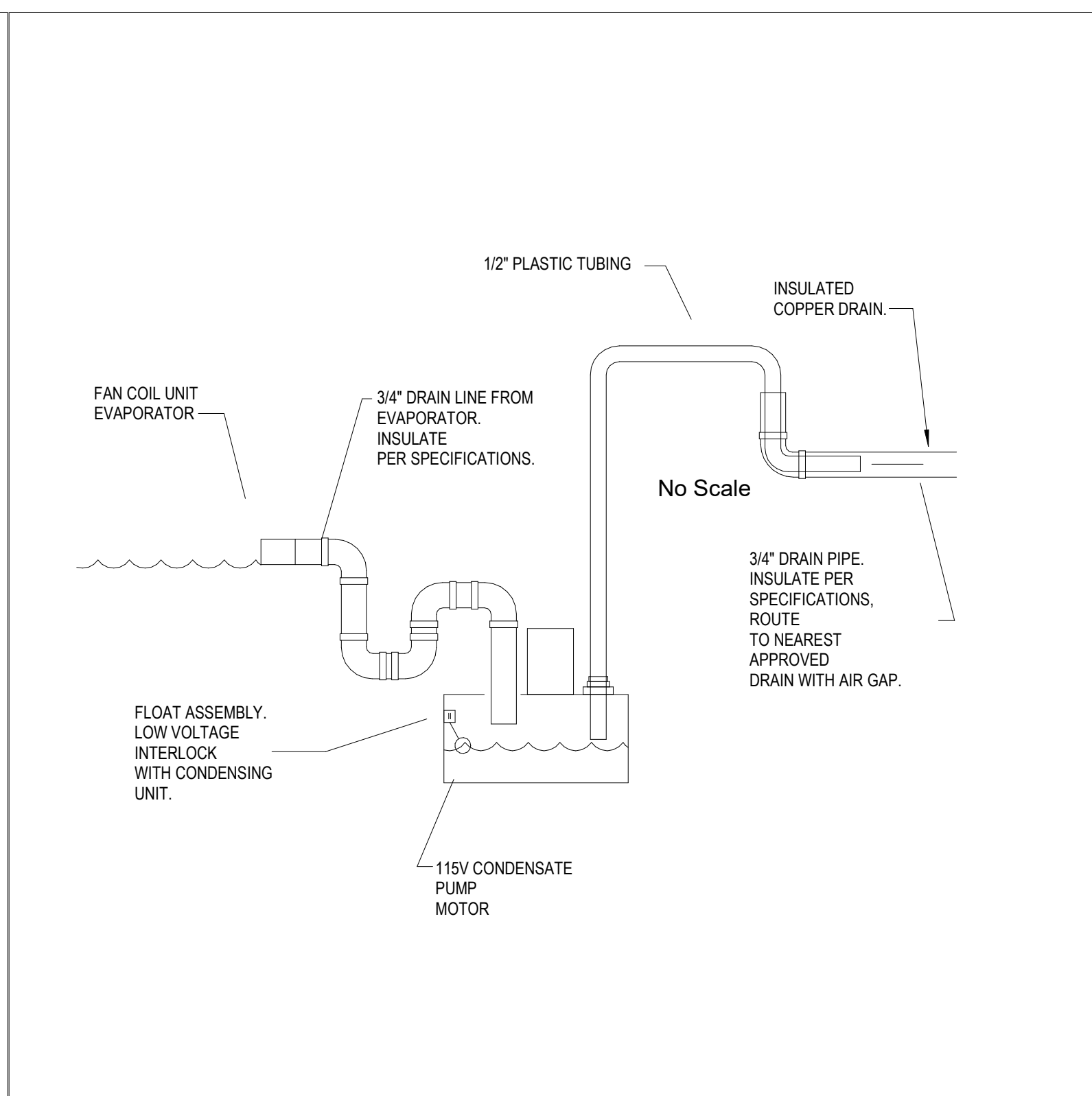
DATE  
**MARCH 24, 2023**

SHEET  
**MECHANICAL  
DETAILS**

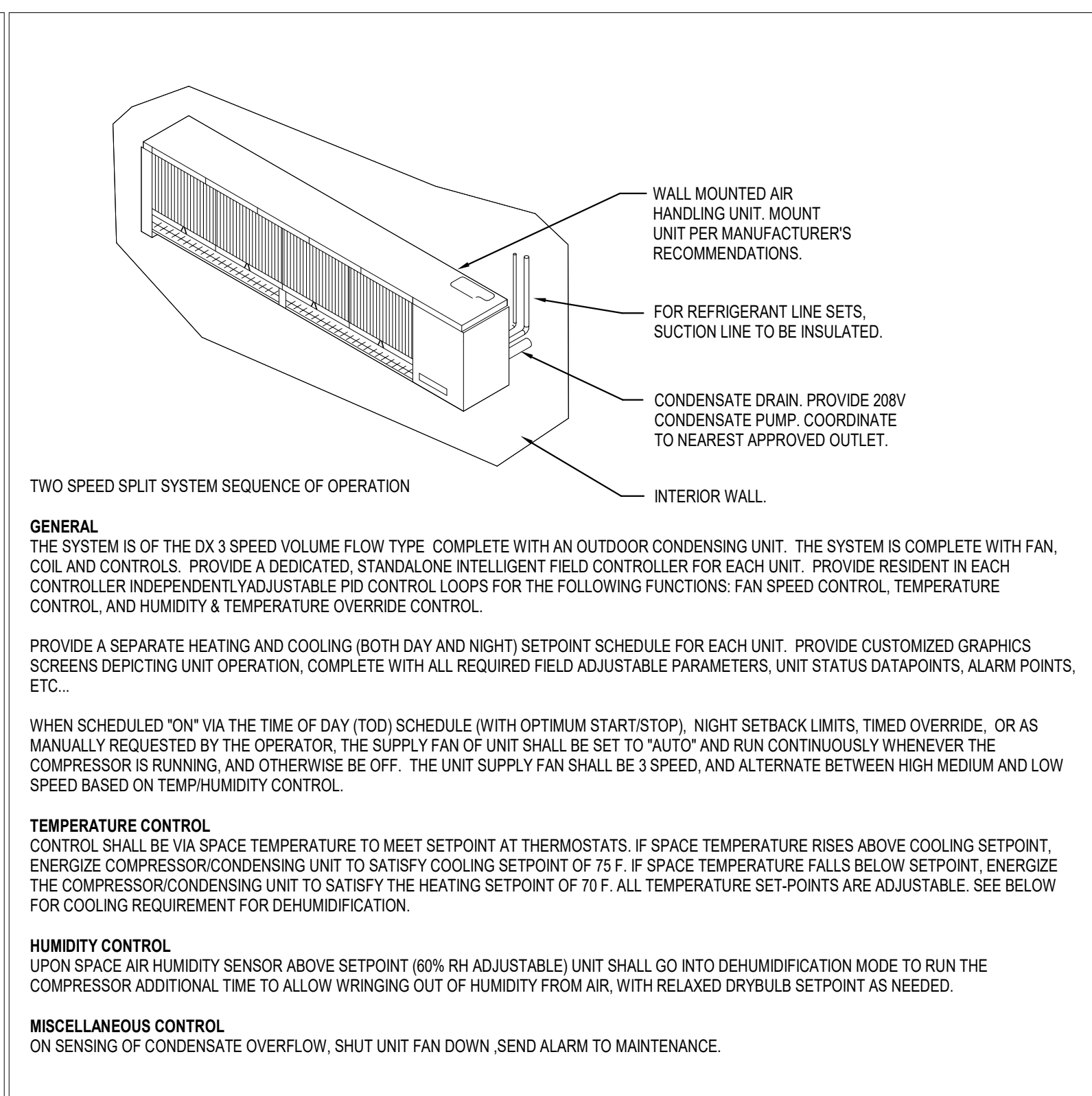
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**MS500**



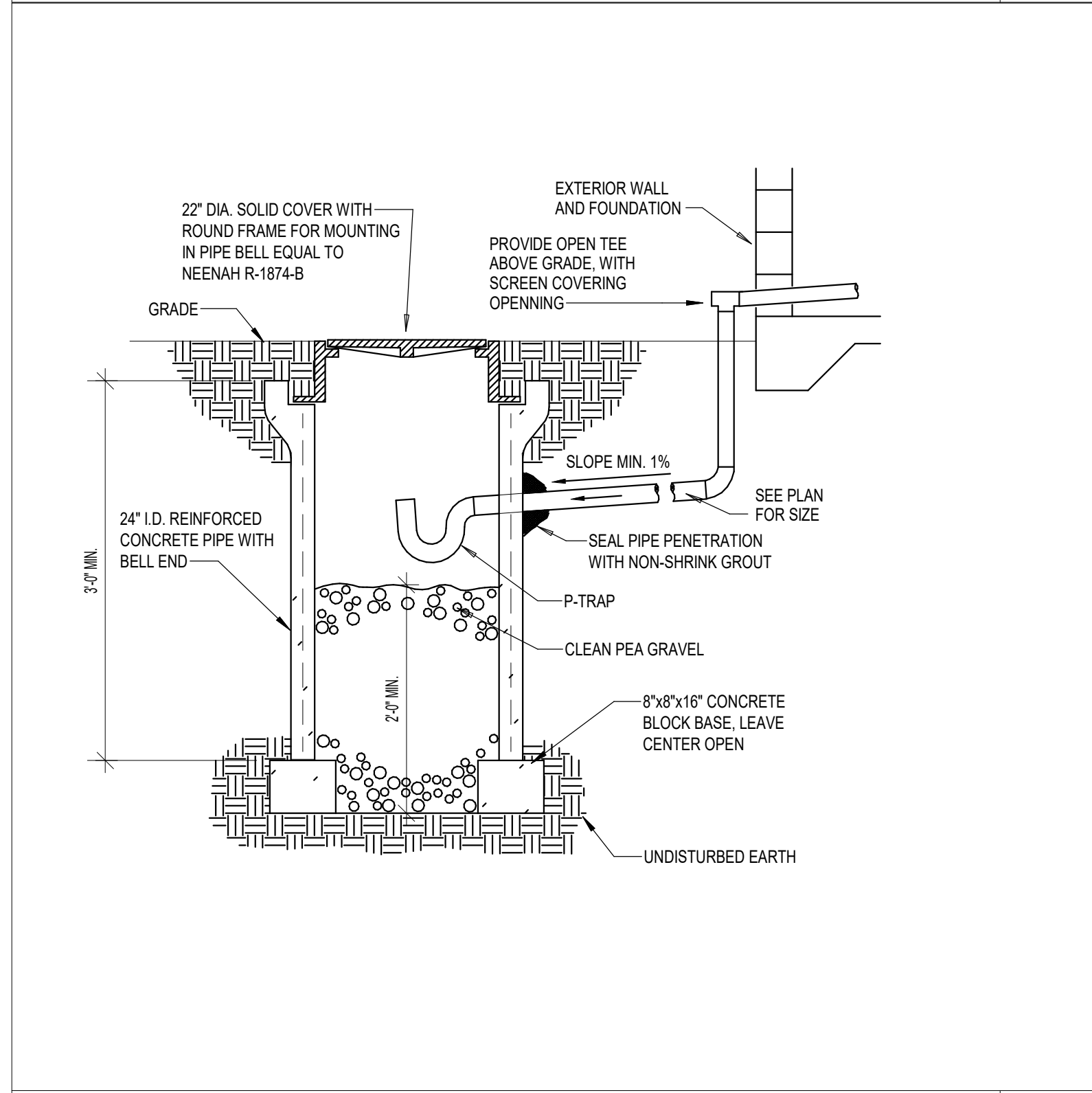
**VENT BOX**  
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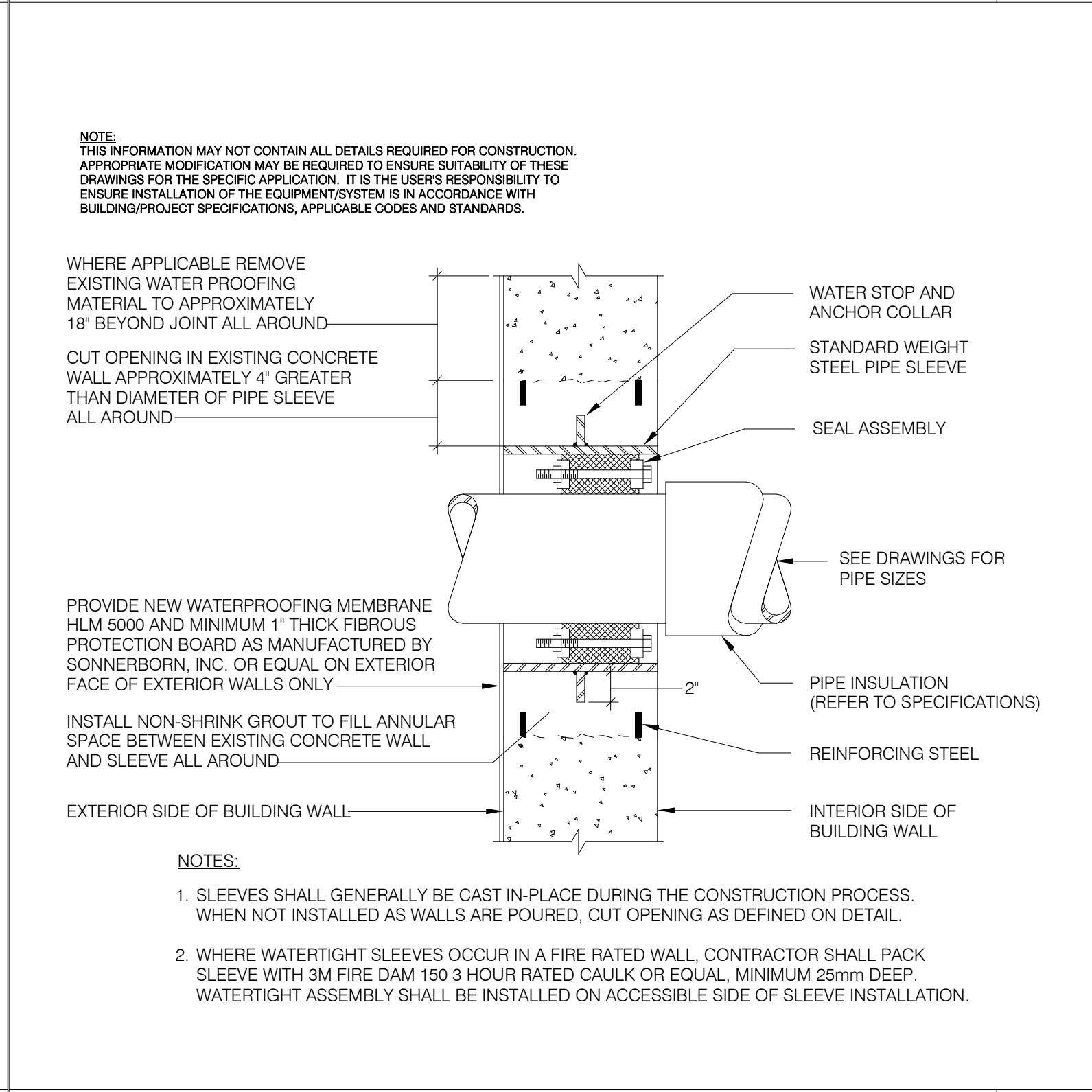
**CONDENSATE PUMP MAINT**  
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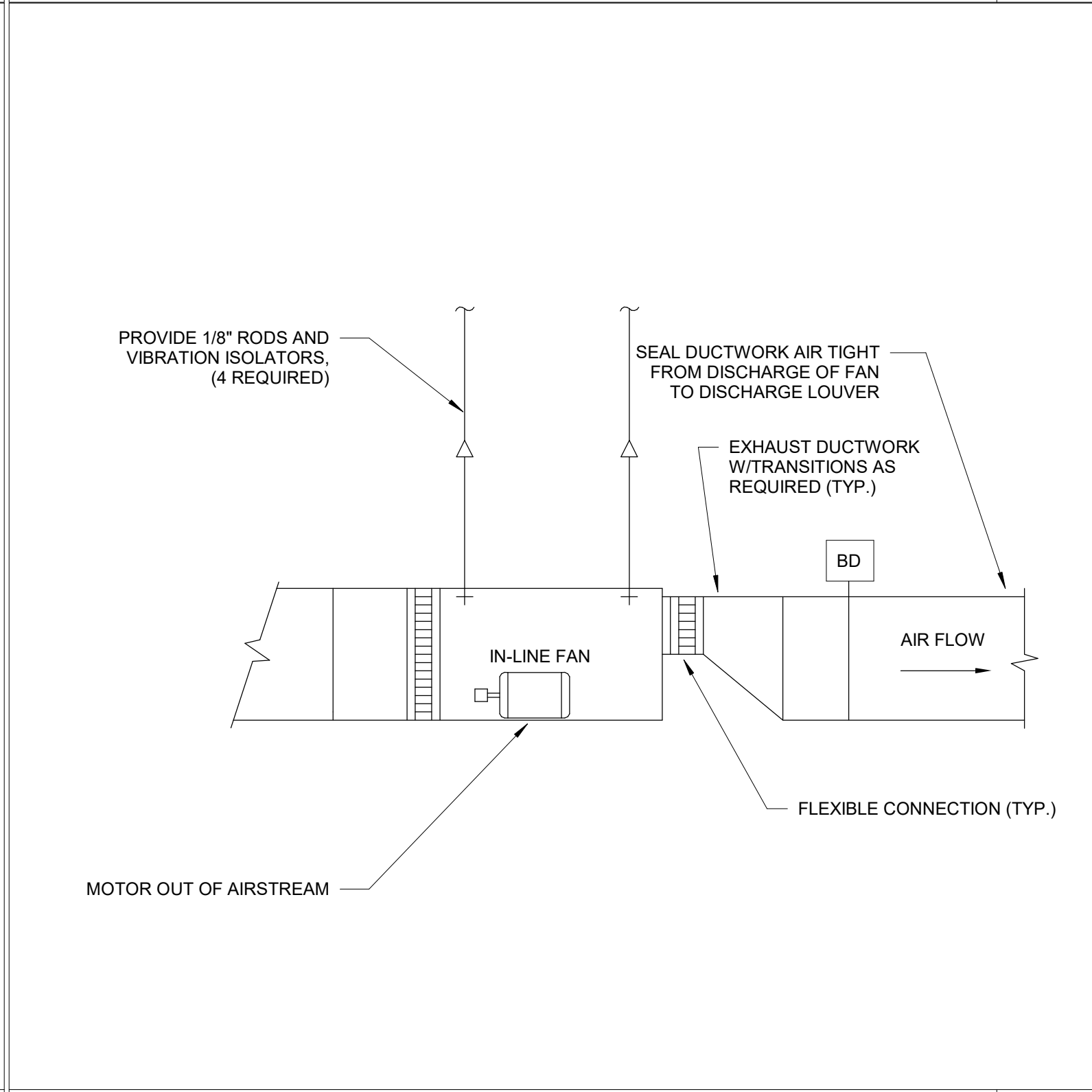
**DX DUCTLESS AC SYSTEM MAINT**  
No Scale



**DRYWELL DETAIL (FRENCH DRAIN) MAINTENANCE**  
No Scale



**WATERTIGHT SLEEVE MAINT**  
No Scale



**INLINE FAN - SMALL MAINT**  
No Scale

WALLS AT DRYER VENT RISER TO BE 6 INCH STUD WALLS SO THAT A 4 INCH DRYER VENT DUCT CAN FIT. COORDINATE WITH CM

4 INCH 30 GAUGE GALVANIZED SHEET STEEL RIGID DRYER VENT DUCT. EXTEND DOWN INTO DRYERBOX 3 INCHES FOR FLEXIBLE DUCT CONNECTION WITH STAINLESS STEEL WORM DRIVE DRAW BAND. LINE UP DRYER VENT RISER WITH CENTERLINE OF DRYER VENT OUTLET.

4 INCH DIAMETER SEMI-RIGID FLEXIBLE ALUMINUM DUCT. 36 INCHES LONG EXTENDED. 15 INCHES LONG COMPRESSED. DO NOT USE FOIL FLEXIBLE DUCT. CONNECT TO DRYER WITH STAINLESS STEEL WORM DRIVE DRAW BAND.

RECESSED DRYER VENT BOX DRYERBOX MODEL 425 OR EQUAL.

NOTE:  
THIS INFORMATION MAY NOT CONTAIN ALL DETAILS REQUIRED FOR CONSTRUCTION. APPROPRIATE MODIFICATION MAY BE REQUIRED TO ENSURE SUITABILITY OF THESE DRAWINGS FOR THE SPECIFIC APPLICATION. IT IS THE USER'S RESPONSIBILITY TO ENSURE INSTALLATION OF THE EQUIPMENT/SYSTEM IS IN ACCORDANCE WITH BUILDING/PROJECT SPECIFICATIONS, APPLICABLE CODES AND STANDARDS.

WHERE APPLICABLE REMOVE EXISTING WATER PROOFING MATERIAL TO APPROXIMATELY 18" BEYOND JOINT ALL AROUND

CUT OPENING IN EXISTING CONCRETE WALL APPROXIMATELY 4" GREATER THAN DIAMETER OF PIPE SLEEVE ALL AROUND

PROVIDE NEW WATERPROOFING MEMBRANE HLM 5000 AND MINIMUM 1" THICK FIBROUS PROTECTION BOARD AS MANUFACTURED BY SONNERBORN, INC. OR EQUAL ON EXTERIOR FACE OF EXTERIOR WALLS ONLY

INSTALL NON-SHRINK GROUT TO FILL ANNULAR SPACE BETWEEN EXISTING CONCRETE WALL AND SLEEVE ALL AROUND

EXTERIOR SIDE OF BUILDING WALL

INTERIOR SIDE OF BUILDING WALL

NOTES:  
1. SLEEVES SHALL GENERALLY BE CAST IN-PLACE DURING THE CONSTRUCTION PROCESS. WHEN NOT INSTALLED AS WALLS ARE POURED, CUT OPENING AS DEFINED ON DETAIL.

2. WHERE WATERTIGHT SLEEVES OCCUR IN A FIRE RATED WALL, CONTRACTOR SHALL PACK SLEEVE WITH 3M FIRE DAM 150 3 HOUR RATED CAULK OR EQUAL, MINIMUM 25mm DEEP. WATERTIGHT ASSEMBLY SHALL BE INSTALLED ON ACCESSIBLE SIDE OF SLEEVE INSTALLATION.

WALL MOUNTED AIR HANDLING UNIT. MOUNT UNIT PER MANUFACTURER'S RECOMMENDATIONS.

FOR REFRIGERANT LINE SETS. SUCTION LINE TO BE INSULATED.

CONDENSATE DRAIN. PROVIDE 208V CONDENSATE PUMP. COORDINATE TO NEAREST APPROVED OUTLET.

INTERIOR WALL.

TWO SPEED SPLIT SYSTEM SEQUENCE OF OPERATION

**GENERAL**  
THE SYSTEM IS OF THE DX 3 SPEED VOLUME FLOW TYPE. COMPLETE WITH AN OUTDOOR CONDENSING UNIT. THE SYSTEM IS COMPLETE WITH FAN, COIL AND CONTROLS. PROVIDE A DEDICATED, STANDALONE INTELLIGENT FIELD CONTROLLER FOR EACH UNIT. PROVIDE RESIDENT IN EACH CONTROLLER INDEPENDENTLY ADJUSTABLE PID CONTROL LOOPS FOR THE FOLLOWING FUNCTIONS: FAN SPEED CONTROL, TEMPERATURE CONTROL, AND HUMIDITY & TEMPERATURE OVERRIDE CONTROL.

PROVIDE A SEPARATE HEATING AND COOLING (BOTH DAY AND NIGHT) SETPOINT SCHEDULE FOR EACH UNIT. PROVIDE CUSTOMIZED GRAPHICS SCREENS DEPICTING UNIT OPERATION. COMPLETE WITH ALL REQUIRED FIELD ADJUSTABLE PARAMETERS, UNIT STATUS DATAPPOINTS, ALARM POINTS, ETC...

WHEN SCHEDULED "ON" VIA THE TIME OF DAY (TOD) SCHEDULE (WITH OPTIMUM START/STOP), NIGHT SETBACK LIMITS, TIMED OVERRIDE, OR AS MANUALLY REQUESTED BY THE OPERATOR, THE SUPPLY FAN OF UNIT SHALL BE SET TO "AUTO" AND RUN CONTINUOUSLY WHENEVER THE COMPRESSOR IS RUNNING, AND OTHERWISE BE OFF. THE UNIT SUPPLY FAN SHALL BE 3 SPEED, AND ALTERNATE BETWEEN HIGH MEDIUM AND LOW SPEED BASED ON TEMP/HUMIDITY CONTROL.

**TEMPERATURE CONTROL**  
CONTROL SHALL BE VIA SPACE TEMPERATURE TO MEET SETPOINT AT THERMOSTATS. IF SPACE TEMPERATURE RISES ABOVE COOLING SETPOINT, ENERGIZE COMPRESSOR/CONDENSING UNIT TO SATISFY COOLING SETPOINT OF 75 F. IF SPACE TEMPERATURE FALLS BELOW SETPOINT, ENERGIZE THE COMPRESSOR/CONDENSING UNIT TO SATISFY THE HEATING SETPOINT OF 70 F. ALL TEMPERATURE SET-POINTS ARE ADJUSTABLE. SEE BELOW FOR COOLING REQUIREMENT FOR DEHUMIDIFICATION.

**HUMIDITY CONTROL**  
UPON SPACE AIR HUMIDITY SENSOR ABOVE SETPOINT (60% RH ADJUSTABLE) UNIT SHALL GO INTO DEHUMIDIFICATION MODE TO RUN THE COMPRESSOR ADDITIONAL TIME TO ALLOW WRINGING OUT OF HUMIDITY FROM AIR, WITH RELAXED DRYBULB SETPOINT AS NEEDED.

**MISCELLANEOUS CONTROL**  
ON SENSING OF CONDENSATE OVERFLOW, SHUT UNIT FAN DOWN, SEND ALARM TO MAINTENANCE.

PROVIDE 1/8" RODS AND VIBRATION ISOLATORS, (4 REQUIRED)

SEAL DUCTWORK AIR TIGHT FROM DISCHARGE OF FAN TO DISCHARGE LOUVER

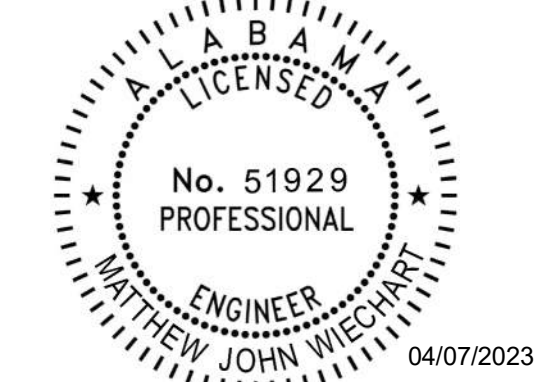
EXHAUST DUCTWORK W/TRANSITIONS AS REQUIRED (TYP.)

BD

AIR FLOW

FLEXIBLE CONNECTION (TYP.)

MOTOR OUT OF AIRSTREAM



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PROJECT STATUS  
**CONFORMANCE SET**

DATE  
**MARCH 24, 2023**

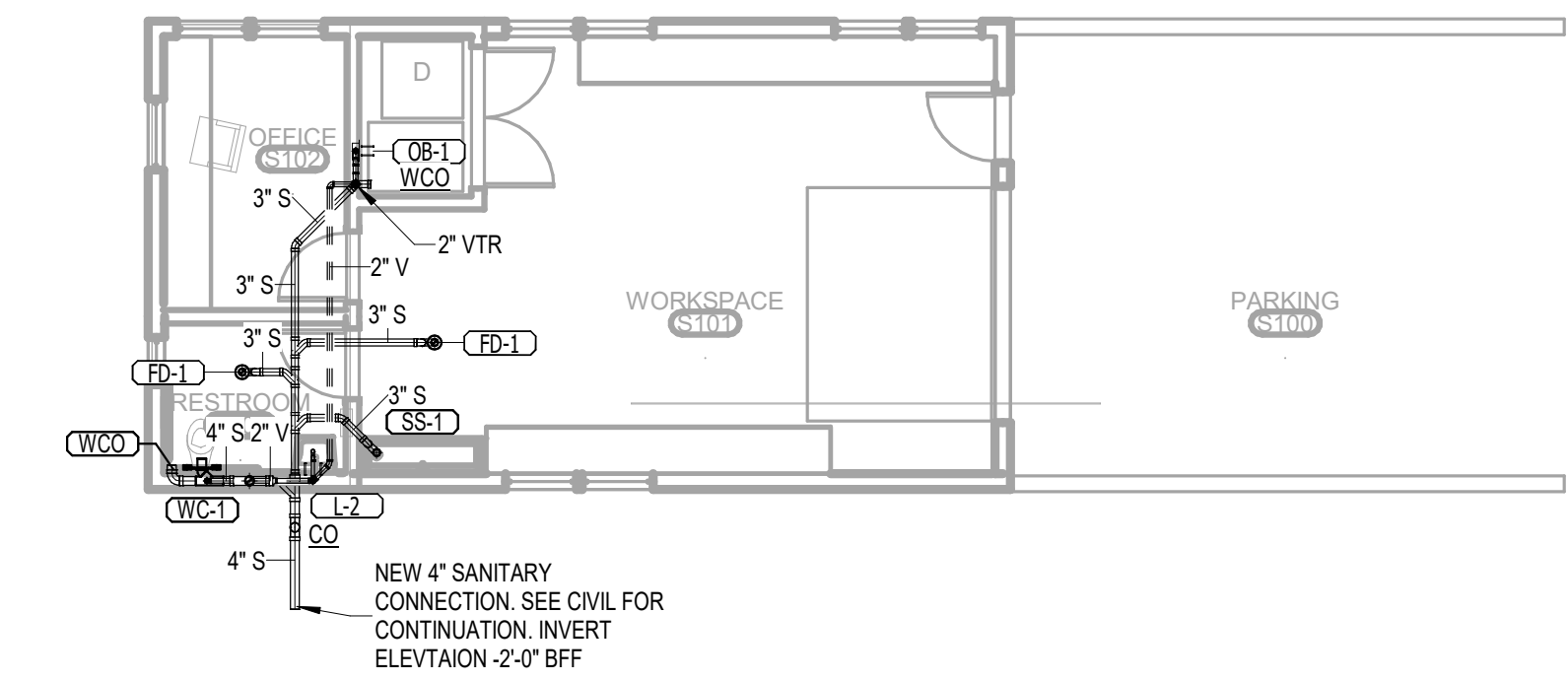
SHEET  
**PLUMBING SYMBOLS, LEGEND, NOTES AND INDEX**

SHEET  
**PS001**

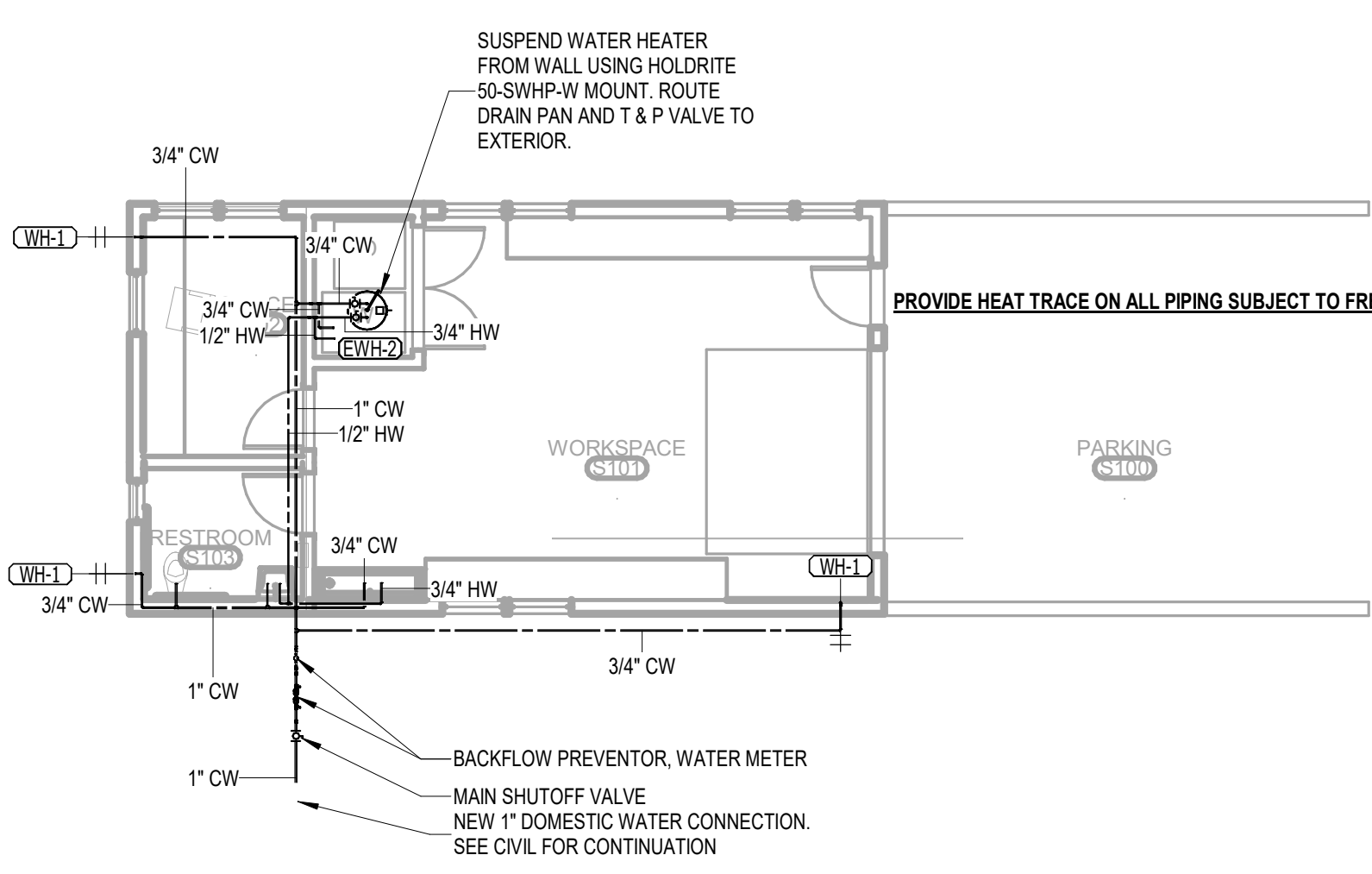
PLUMBING SYMBOLS		PLUMBING ABBREVIATIONS	
SYMBOL	DESCRIPTION	ABBREVIATION	DESCRIPTION
	CONDENSATE DRAIN PIPING	CA	COMPRESSED AIR
	DOMESTIC COLD WATER PIPING	AW	ACID WASTE
	DOMESTIC HOT WATER PIPING	AV	ACID VENT
	DOMESTIC HOT WATER RETURN PIPING	CB	CATCH BASIN
	SANITARY WASTE PIPING	CD	CONDENSATE DRAIN
	VENT PIPING	CFH	CUBIC FEET PER HOUR
	STORM DRAIN PIPING	CO	CLEANOUT
	OVERFLOW STORM DRAIN PIPING	CONT	CONTINUATION
	FUEL GAS PIPING	CW	DOMESTIC COLD WATER
	HOSE BIBB OR WALL HYDRANT	DI	DEIONIZED WATER
	CLEANOUT PLUG	DN	DOWN
	FLOOR CLEANOUT	DS	DOWNSPOUT
	FLOOR CLEANOUT / EXTERIOR CLEANOUT	DWG	DRAWING
	FLOOR DRAIN	EXIST	EXISTING
	FLOOR SINK	F	DEGREE FAHRENHEIT
	DECK DRAIN	FCO	FLOOR CLEANOUT
	SHUT-OFF VALVE	FD	FLOOR DRAIN
	BALL VALVE	FOF	FUEL OIL FILL
	CALIBRATED BALANCING VALVE	FOG	FUEL OIL GAGE
	CHECK VALVE (SWING)	FOR	FUEL OIL RETURN
	PRESSURE REDUCING VALVE	FOS	FUEL OIL SUPPLY
	DETAIL REFERENCE	FOV	FUEL OIL VENT
	PIPE TAG	FS	FLOOR SINK
	REVISION REFERENCE	FSE#	FOODSERVICE EQUIPMENT NUMBER
		G	GAS
		GPH	GALLONS PER HOUR
		GPM	GALLONS PER MINUTE
		GR	KITCHEN WASTE (GREASE)
		HB	HOSE BIBB
		HD	HUB DRAIN
		HW	DOMESTIC HOT WATER
		HW	DOMESTIC HOT WATER RECIRCULATING
		IE	INVERT ELEVATION
		IW	INDIRECT WASTE
		KW	KILOWATT
		LBS	POUNDS
		MH	MANHOLE
		NC	NORMALLY CLOSED
		NO	NORMALLY OPEN
		NP	NON-POTABLE WATER
		NTS	NOT TO SCALE
		OD	OUTSIDE DIAMETER
		PRV	PRESSURE REDUCING VALVE
		PSI	POUNDS PER SQUARE INCH
		PVC	POLYVINYL CHLORIDE PIPE
		RD	ROOF DRAIN
		RRW	RECYCLED RAIN WATER
		RBPB	REDUCED PRESSURE BACKFLOW PREVENTOR
		SAN	SANITARY
		SD	STORM DRAIN
		SF	SQUARE FEET
		SH	SHEET
		ST	STORM
		STO	OVERFLOW STORM DRAIN
		SW	SOFT COLD WATER
		V	VENT
		VAC	VACUUM
		VC	VACUUM CLEANING
		VTR	VENT THRU ROOF
		WCO	WALL CLEANOUT
		WTR	WATER

NOTE: SOME SYMBOLS SHOWN ON THIS LEGEND MAY NOT PERTAIN TO THIS PROJECT

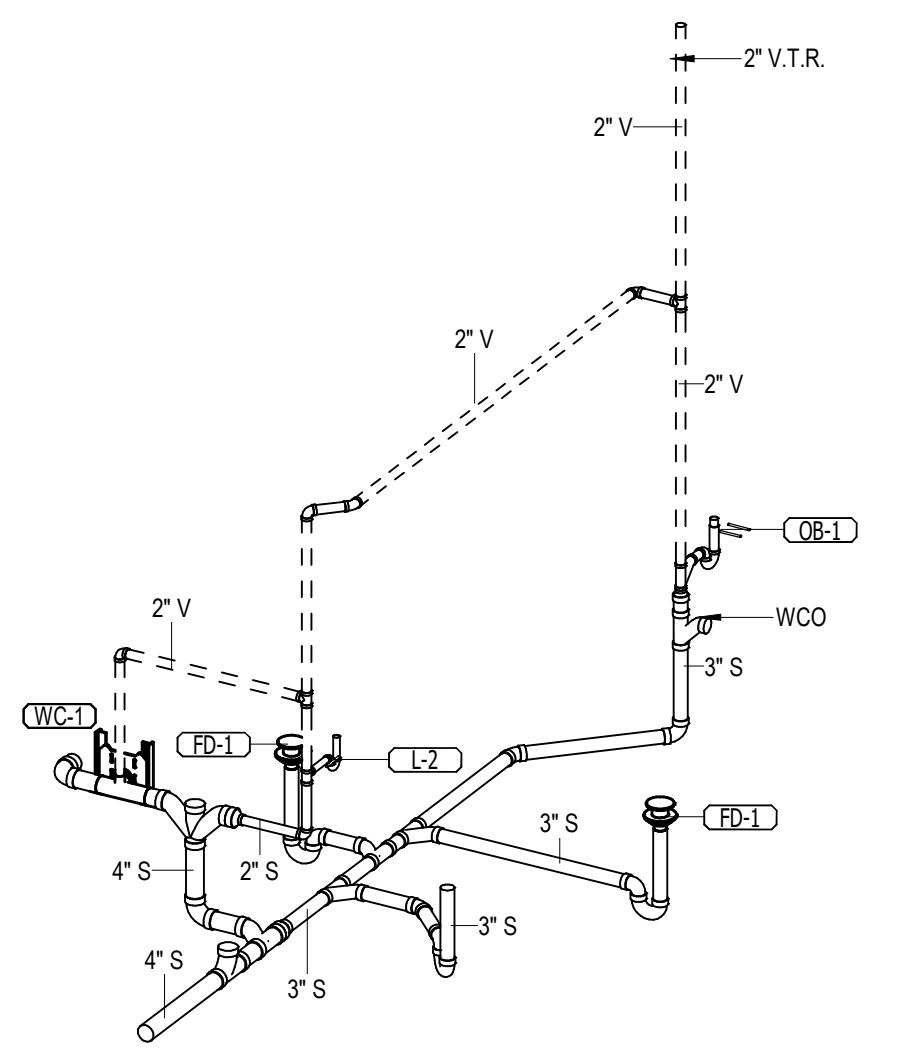
- ### PLUMBING GENERAL NOTES
- REFERENCE THE SPECIFICATIONS FOR MATERIAL AND EQUIPMENT INSTALLATION STANDARDS.
  - THE PLUMBING INSTALLATION SHALL COMPLY WITH ALL STATE AND LOCAL CODES.
  - UTILITIES AND SERVICES INDICATED ARE TAKEN FROM VARIOUS OLD AND NEW SURVEYS, AS-BUILT RECORDS AND FIELD INVESTIGATIONS. UNFORSEEN CONDITIONS PROBABLY EXIST AND NEW WORK MAY NOT BE FIELD LOCATED EXACTLY AS SHOWN ON DRAWINGS. COOPERATION WITH OTHER TRADES IN ROUTING AND BURIAL DEPTHS, AS DETERMINED DURING CONSTRUCTION, WILL BE NECESSARY.
  - FIELD VERIFY EXISTING INSTALLATIONS, MODIFY EXISTING PLUMBING SYSTEMS, WHICH ARE TO REMAIN ACTIVE, TO FACILITATE RECONNECTION AND EXTENSION OF THE NEW WORK.
  - NOTIFY OWNER AT LEAST 24 HOURS PRIOR TO INTERRUPTING EXISTING SERVICE. SCHEDULE DISCONNECTION AND TIE-INS TO MINIMIZE DISRUPTION OF SERVICES. SERVICES ARE NOT TO BE LEFT DISRUPTED DURING NON-NORMAL CONTRACTOR WORKING HOURS.
  - PLANS ARE NOT COMPLETELY TO SCALE. PIPE ROUTING SHOWN IS SCHEMATIC AND IS NOT INTENDED TO INDICATE EXACT ROUTING. CONTRACTOR SHALL PROVIDE ANY ADDITIONAL OFFSETS AND FITTINGS REQUIRED FOR PROPER INSTALLATION AND TO MAINTAIN CLEARANCES. VERIFY STRUCTURAL, MECHANICAL AND ELECTRICAL INSTALLATIONS AND OTHER POTENTIAL OBSTRUCTIONS AND ROUTE PIPING TO AVOID INTERFERENCES.
  - PROVIDE ALL OFFSETS AND FITTINGS AND MAKE CONNECTION TO SITE UTILITIES.
  - CONCEAL PIPING ABOVE CEILINGS, WITHIN WALLS OR CHASES EXCEPT IN MECHANICAL ROOMS OR AS SPECIFICALLY NOTED.
  - PROVIDE ACCESS PANELS FOR ALL VALVES CONCEALED IN WALLS OR ABOVE NON-ACCESSIBLE CEILINGS.
  - SLEEVE AND/OR FIRESTOP ALL PENETRATIONS THROUGH RATED WALLS, CEILINGS, AND FLOORS WITH UL LISTED ASSEMBLIES. FIRESTOP ASSEMBLIES SHALL BE EQUAL TO OR EXCEED THE RATING OF THE WALL, CEILING OR FLOOR. SEE ARCHITECTURAL DRAWINGS FOR FINAL FINISHES.
  - FLASH AND COUNTER-FLASH ROOF PENETRATIONS.
  - WHEN BEAM SLEEVE PENETRATIONS ARE NECESSARY, COORDINATE PENETRATIONS WITH ALL TRADES, THE ARCHITECT AND THE STRUCTURAL ENGINEER.
  - PROVIDE FOUNDATION PAD PENETRATION SLEEVES. ALLOW 1" MINIMUM CLEARANCE BETWEEN SLEEVE INSIDE SURFACE AND PIPE EXTERIOR.
  - SEE ARCHITECTURAL DRAWINGS FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
  - PROVIDE AUTOMATIC TRAP PRIMERS FOR FLOOR DRAIN TRAP SEALS.
  - PROVIDE AN AIR GAP, WHEN REQUIRED BY CODE, SERVING INDIVIDUAL FIXTURES, DEVICES, APPLIANCES AND APPARATUS.
  - ALL EXPOSED PIPE AND FITTINGS IN FINISHED AREAS SHALL BE CHROME PLATED.
  - MOUNT HOSE BIBBS 24" ABOVE FINISHED GRADE.
  - PROVIDE CLEANOUTS IN ACCORDANCE WITH ALL STATE AND LOCAL CODES. INSTALL CLEANOUT WITH COVER FLUSH TO FINISH SURFACE.
  - COORDINATE EXACT FLOOR DRAIN LOCATIONS WITH ARCHITECTURAL DRAWINGS. SET FLOOR DRAINS BELOW FINISHED FLOOR TO ALLOW FOR FLOOR SLOPING TO THE DRAIN.
  - COORDINATE PIPING WITH ALL ELECTRICAL EQUIPMENT (PANELS, TRANSFORMERS, ETC.) PRIOR TO ANY INSTALLATION. DO NOT ROUTE ANY PIPING OVER ANY ELECTRICAL PANELS UNDER ANY CIRCUMSTANCES. ANY PIPING RUN OVER PANELS SHALL BE RE-ROUTED AT NO ADDITIONAL COST.
  - ALL WALL MOUNTED LAVATORIES SHALL BE ATTACHED TO FLOOR MOUNTED CARRIER DESIGNED TO WITHSTAND A VERTICAL LOAD OF 250 POUNDS ON THE FRONT OF THE FIXTURE.
  - PROVIDE SANITARY WASTE, VENT, DOMESTIC WATER, ETC. ROUGH-IN AND MAKE FINAL CONNECTIONS (TO INCLUDE PROVIDING ALL NECESSARY RELATED STOPS, VALVES, TRAPS, ETC. AND MAKE READY FOR USE) TO ALL EQUIPMENT, WHETHER FURNISHED BY THIS CONTRACTOR OR FURNISHED BY OTHERS.
  - ALL MATERIALS AND EQUIPMENT INSTALLED IN RETURN AIR PLENUMS SHALL BE NON-COMBUSTIBLE AND UL APPROVED FOR USE IN A RETURN AIR PLENUM SPACE. IF MATERIALS ARE NOT NON-COMBUSTIBLE IN RETURN AIR PLENUMS, THEY SHALL BE REPLACED OR WRAPPED WITH A UL LISTED FIRE RATED FIRE WRAP (I.E. FYREWRAAP 0.5 PLENUM INSULATION OR APPROVED EQUAL) AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS UL LISTED DETAILS AND RECOMMENDATIONS AT NO ADDITIONAL COST. (NOTE: REFER TO MECHANICAL DRAWINGS FOR RETURN AIR PLENUM LOCATIONS.)
  - PIPING, INSULATION, FITTINGS, MATERIALS, COVERS AND FINISHES IN RETURN AIR PLENUM SHALL HAVE A MAXIMUM FLAME SPREAD RATING OF 25 AND A MAXIMUM SMOKE DEVELOPED RATING OF 50.
  - INSTALL POINT OF USE MIXING VALVES FOR ALL HAND SINKS. BASIS OF DESIGN: ZURN AQUA GARD.
  - NSF-61-G COMPLIANCE: PRODUCTS IN CONTACT WITH DOMESTIC WATER FOR HUMAN CONSUMPTION SHALL MEET NSF-61-G AND CONTAIN LESS THAN 0.25% (WEIGHTED AVERAGE) OF LEAD. ALL PRODUCT'S SHALL BE LABELED WITH THE CERTIFICATION MARK NSF-61-G2 CLEAN AND DISINFECT POTABLE AND NON-POTABLE DOMESTIC WATER PIPING REFER TO PLUMBING SPECIFICATION DOMESTIC WATER PIPING FOR ADDITIONAL INFORMATION.



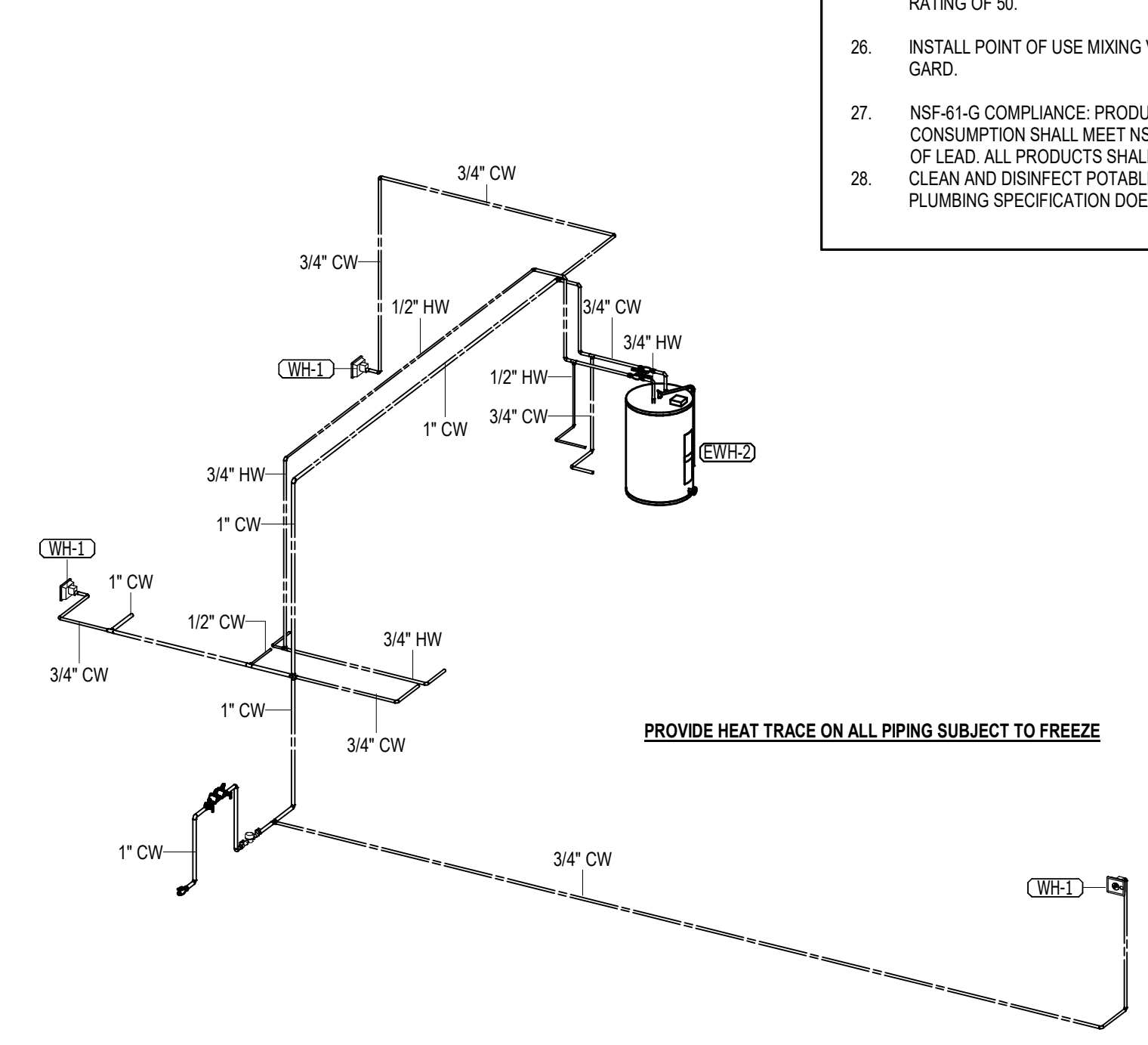
1 LEVEL 1 - MAINT SHED - PLUMBING GRAVITY  
1/8" = 1'-0"



2 LEVEL 1 - MAINT SHED - PLUMBING PRESSURE  
1/8" = 1'-0"



3 SHEDS GRAVITY ISO



4 SHEDS PRESSURE ISO

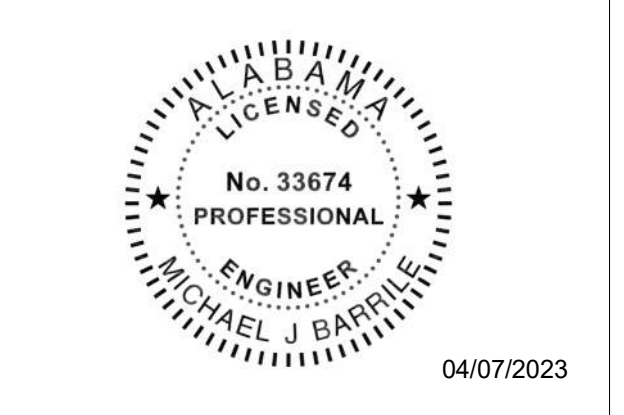
ELECTRICAL SYMBOL LEGEND

Table with columns: BASIC MATERIALS, FIRE ALARM / DETECTION SYSTEM, ABBREVIATIONS, ABBREVIATIONS (CONT.). Includes symbols for manholes, switches, fire detectors, and abbreviations for electrical components.

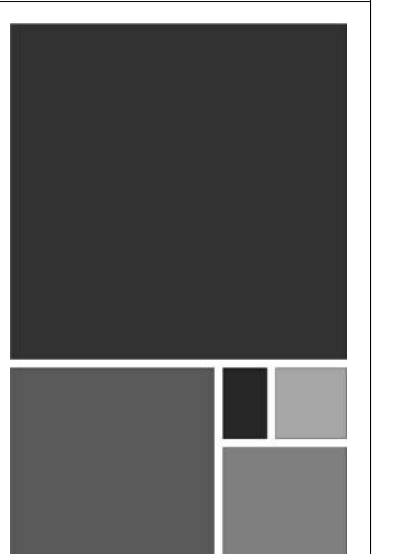
NOTE: SOME SYMBOLS SHOWN ON THIS LEGEND MAY NOT PERTAIN TO THIS PROJECT.



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GULF SHORES, ALABAMA

Revision table with columns: No., Date, Description.

JOB: 19-028.000
PROJECT STATUS: CONFORMANCE SET
DATE: MARCH 24, 2023
SHEET: ELECTRICAL LEGEND, ABBREVIATIONS, AND SHEET INDEX
NO. 01 OF 01



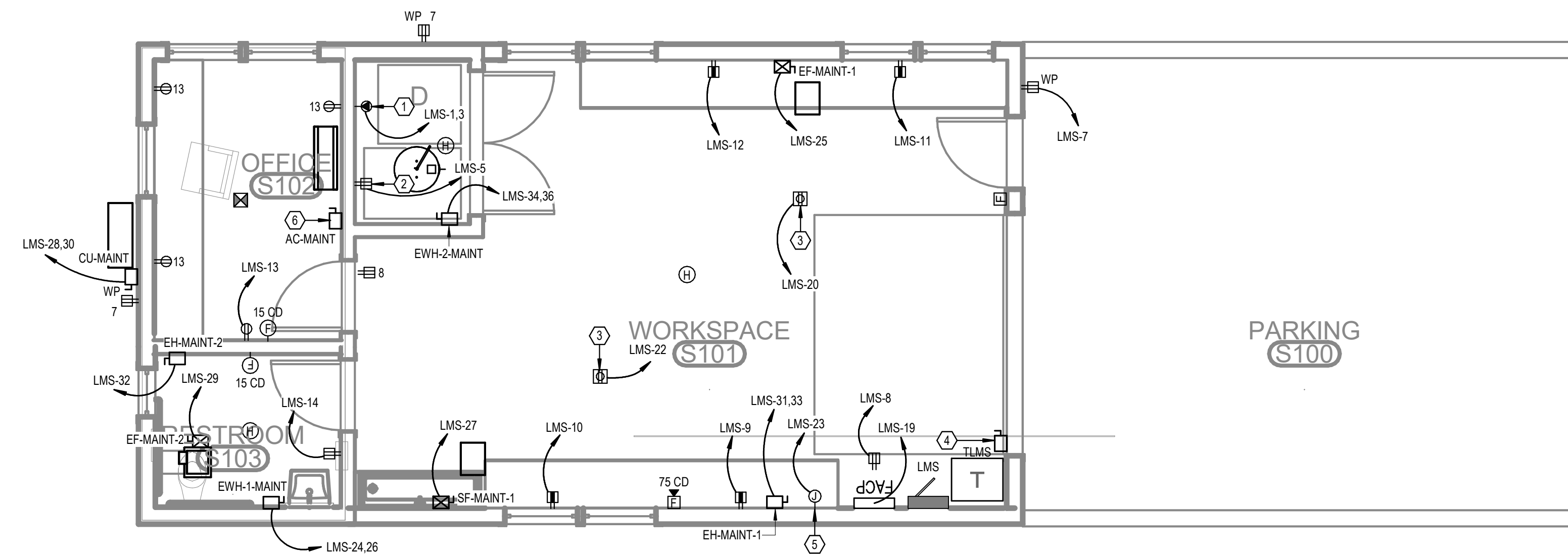


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**ELECTRICAL KEY NOTES**

#	KEYNOTE TEXT
1	PROVIDE A DEDICATED 30A, 208V SPECIAL RECEPTACLE AT THIS LOCATION A RESIDENTIAL GRADE ELECTRICAL CLOTHES DRYER. COORDINATE WITH ARCHITECT FOR EXACT PLACEMENT AND REQUIREMENTS.
2	PROVIDE A DEDICATED 20A, 120V RECEPTACLE AT THIS LOCATION FOR A RESIDENTIAL GRADE WASHING MACHINE. COORDINATE WITH ARCHITECT FOR EXACT PLACEMENT AND REQUIREMENTS.
3	PROVIDE A 120V, 20A ABOVE-CEILING POWER CONNECTION POINT FOR THE POWER CORD REEL SHOWN AT THIS LOCATION. COORDINATE EXACT REQUIREMENTS AND HEIGHT WITH THE ARCHITECT PRIOR TO ROUGH-IN.
4	PROVIDE A 480V, 3-PHASE, 60A RATED PRIMARY SIDE LOCAL DISCONNECT SWITCH FOR THIS TRANSFORMER.
5	PROVIDE 120V, 20A POWER CONNECTION POINT AT THIS LOCATION FOR THE EMERGENCY LIGHTING INVERTER SYSTEM.
6	INTERIOR A/C UNIT FOR THIS MINI-SPLIT SYSTEM IS POWERED AND CONTROLLED DIRECTLY FROM THE CONDENSING UNIT. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTER-CONNECTION WIRING BETWEEN THE TWO UNITS, AS WELL AS THE DISCONNECTING MEANS. COORDINATE EXACT REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.



LEVEL 1 - MAINTENANCE SHED

① - POWER  
1/4" = 1'-0"

INTENT	
REVISION	
DATE	
NO.	
JOB	19-028.000
PROJECT STATUS	CONFORMANCE SET
DATE	MARCH 24, 2023
SHEET	MAINTENANCE SHED POWER FLOOR PLAN
SHEET	ES100



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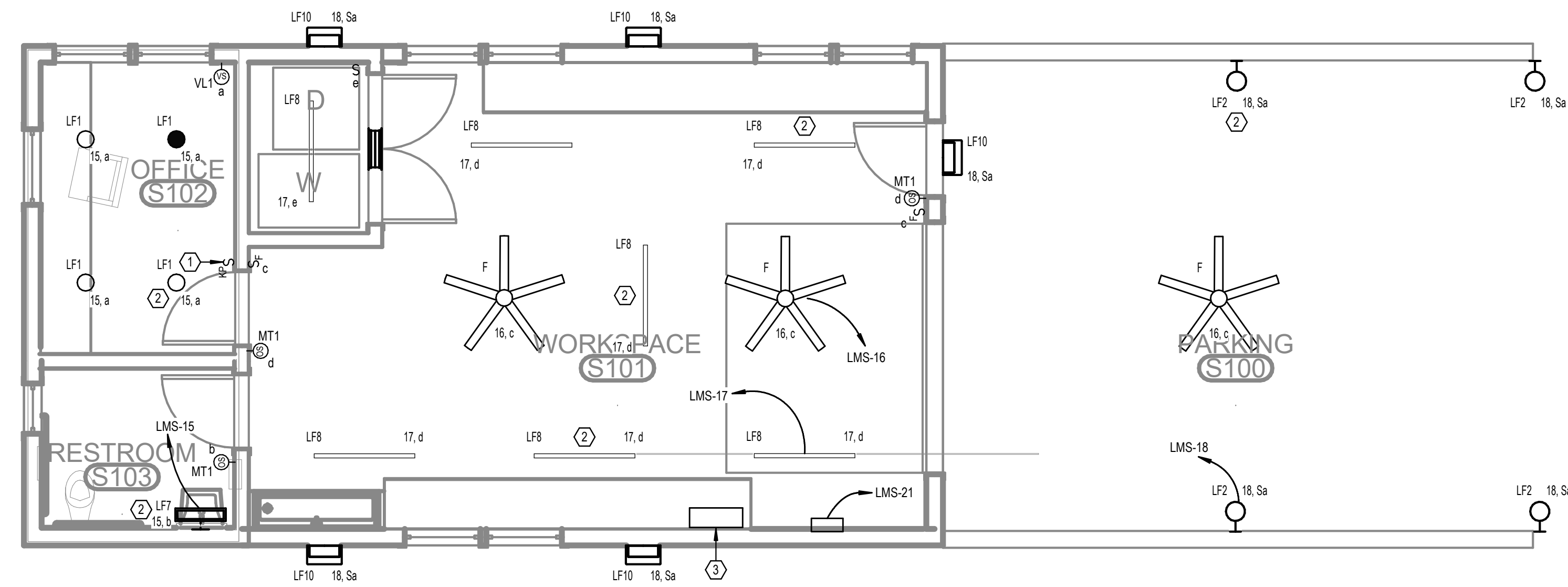
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**ELECTRICAL KEY NOTES**

#	KEYNOTE TEXT
1	PROPOSED LOCATION OF LOCAL LIGHTING CONTROL SYSTEM KEYPAD. REFER TO THE LIGHTING CONTROL DETAILS SHEET FOR MORE INFORMATION.
2	THIS FIXTURE SHALL BE CONNECTED TO THE EMERGENCY LIGHTING INVERTER. PROVIDE MICRO-RELAY AS REQUIRED FOR TRANSFER TO EMERGENCY UPON DETECTED LOSS OF UTILITY POWER.
3	PROVIDE A 750W, 120V RATED EMERGENCY LIGHTING INVERTER WITH BATTERIES (UL 924) AT THIS LOCATION. BASIS-OF-DESIGN: MYERS EMERGENCY POWER SYSTEMS, MODEL #LV-4-R-1-B2003-B-RT.



LEVEL 1 - MAINTENANCE SHED

1 - LIGHTING

1/4" = 1'-0"

No.	Date	Revision	Description

JOB	19-028.000
PROJECT STATUS	CONFORMANCE SET
DATE	MARCH 24, 2023
SHEET	MAINTENANCE SHED LIGHTING FLOOR PLAN
SHEET	ES200







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**FIRE ALARM SYSTEM SEQUENCE OF OPERATION**

No Scale

TYPE OF SYSTEM:

- FULLY ADDRESSABLE FIRE ALARM SYSTEM AND STANDBY BATTERY MONITORED BY CENTRAL STATION
- 24 HOURS OF STANDBY, 5 MINUTES OF ALARM USED FOR BATTERY CALCULATIONS
- VOICE EVACUATION WITH PRE-RECORDED DIGITAL MESSAGE AND MANUAL ANNOUNCEMENT VIA MICROPHONE

TYPE OF CIRCUITS:

- SIGNALING LINE CIRCUIT (SLC) = CLASS B, SURVIVABILITY LEVEL 0
- NOTIFICATION APPLIANCE CIRCUIT (NAC) = CLASS B, SURVIVABILITY LEVEL 0

WIRING METHOD:

- "FPLR" CABLE IN CONDUIT.
- WET LOCATION LISTED CABLE FOR UNDERGROUND, SLAB, AND UNCONDITIONED SPACE CONDUIT.

GENERAL ALARM SEQUENCE:

- ACTIVATION OF AN ALARM INITIATING DEVICE WILL CAUSE THE NOTIFICATION DEVICES (SPEAKERS AND STROBES) TO ACTIVATE THROUGHOUT THE BUILDINGS. ALL ALARM CONDITIONS WILL BE ANNUNCIATED AT THE FIRE ALARM CONTROL PANEL (FACP) AND REMOTE ANNUNCIATOR AND WILL BE TRANSMITTED TO THE OWNER-SELECTED OFFSITE MONITORING COMPANY.

- SUPERVISORY CONDITIONS WILL BE ANNUNCIATED AT THE FACP AND REMOTE ANNUNCIATOR. A SUPERVISORY CONDITION WILL BE TRANSMITTED BY THE FACP TO THE OWNER-SELECTED OFFSITE MONITORING COMPANY.

- TROUBLE CONDITIONS WILL BE ANNUNCIATED AT THE FACP AND REMOTE ANNUNCIATOR. A TROUBLE CONDITION WILL BE TRANSMITTED BY THE FACP TO THE OWNER-SELECTED OFFSITE MONITORING COMPANY.

- SPRINKLER FLOW SWITCH : THE FIRE PROTECTION SPRINKLER SYSTEM MAIN FLOW SWITCH SHALL BE CONNECTED AS AN ALARM INITIATING DEVICE AND SHALL BE ANNUNCIATED SEPARATELY. FIRE PROTECTION SPRINKLER SYSTEM ZONE FLOW SWITCHES SHALL BE CONNECTED AS AN AUTOMATIC INITIATING DEVICE AND EACH SWITCH SHALL BE SEPARATELY ANNUNCIATED.

- SPRINKLER FLOW SWITCH SHALL TRANSMIT A SEPARATE ALARM SIGNAL FROM OTHER ALARM CONDITIONS.

- SPRINKLER SYSTEM TAMPER SWITCH : TAMPER SWITCHES CONNECTED TO THE VALVES OF THE FIRE PROTECTION SYSTEM SHALL BE ANNUNCIATED AS SUPERVISORY CONDITION.

- ALL SIGNALS SHALL BE ANNUNCIATED AT THE

ALARM SILENCE:

- AUDIBLE NOTIFICATION DEVICES MAY BE SILENCED.
- VISUAL DEVICES WILL REMAIN ON UNTIL THE SYSTEM IS RESET.

INITIATING DEVICE OPERATIONS:

- PULL STATIONS WILL CAUSE A GENERAL ALARM.
- SPRINKLER FLOW SWITCHES WILL CAUSE A GENERAL ALARM.
- DUCT DETECTORS WILL CAUSE A SUPERVISORY CONDITION.
- ANY TAMPER SWITCH WILL CAUSE A SUPERVISORY CONDITION.
- SMOKE/HEAT DETECTORS WILL CAUSE A GENERAL ALARM AFTER AN ALARM VERIFICATION PROCESS.

AUXILIARY CONTROLS:

- AIR HANDLING UNITS CONTROLLED BY THE FIRE ALARM SYSTEM WILL SHUTDOWN THROUGHOUT THE BUILDING ON AN ALARM CONDITION. UPON SILENCING FIRE ALARM SYSTEM HVAC SYSTEM SHALL AUTOMATICALLY RETURN TO NORMAL OPERATION STATUS.

FIRE ALARM SYSTEM WIRE SCHEDULE

- (A) SIGNALING LINE CIRCUIT: 2 CONDUCTOR #18 AWG, SOLID, SHIELDED, TWISTED PAIRS. TYPE "FPLR" CABLE. CLASS B / SURVIVABILITY LEVEL 0
- (B) NOTIFICATION APPLIANCE CIRCUIT: 2 CONDUCTOR #14 AWG, SOLID, SHIELDED CABLE. TYPE "FPLR" CABLE. CLASS B / SURVIVABILITY LEVEL 0
- (C) INITIATING DEVICE CIRCUIT (IDC): 2 CONDUCTOR #18 AWG, SOLID, SHIELDED TWISTED PAIRS. TYPE "FPLR" CABLE.
- (D) SIGNALING LINE CIRCUIT: 2 CONDUCTOR #18 AWG, SOLID, SHIELDED, TWISTED PAIRS. TYPE "FPLR" CABLE. CLASS A / SURVIVABILITY LEVEL 3. (INTER-BUILDING)

NOTE:

- \* FIRE ALARM SYSTEM WIRING SHALL BE POWER LIMITED.
- \* ALL WIRING BELOW GRADE TO BE LISTED FOR WET LOCATIONS.
- \* REFER TO POWER AND SYSTEMS PLANS FOR DEVICE LOCATION AND QUANTITY.
- \* ALL STROBES SHALL BE 75cd MINIMUM UNLESS OTHERWISE NOTED ON THE FLOOR PLANS.

FIRE ALARM NOTES :

- ALL EQUIPMENT AND DEVICES SHALL BE U.L. LISTED.
- ALL WIRING SHALL CONFORM TO NFPA 72 AND NEC ARTICLE 780 USING FPLR COPPER CABLING IN CONDUIT.
- COLOR CODING AND PROPER LABELING SHALL APPLY TO ALL SYSTEMS WIRING.
- ROUTE FIRE ALARM SYSTEM CONDUIT ACCORDING TO FIRE ALARM CONTRACTOR SHOP DRAWINGS. COORDINATE WITH THE ELECTRICAL CONTRACTOR.
- ALL FIRE ALARM VISUAL SIGNALS IN OPEN AREA SHALL HAVE A THREE PLUS TEMPORAL PATTERN. MULTIPLE STROBES SIMULTANEOUSLY IN VIEW SHALL BE SYNCHRONIZED.
- ALL FIRE ALARM AUDIBLE SIGNALS SHALL HAVE A SOUND LEVEL AT LEAST 15 dB ABOVE THE AVERAGE AMBIENT OR 5 dB ABOVE THE MAXIMUM SOUND LEVEL, WHICHEVER IS GREATER.
- MOUNT FIRE ALARM SYSTEM STROBES AND HORN/STROBES AT 80" AFF OR 6" BELOW CEILING, WHICH EVER IS LOWER.
- SMOKE DETECTOR INSTALLATIONS SHALL BE AS PER NFPA 72.
- ADDRESSABLE MONITOR MODULES SHALL BE PROVIDED WITHIN 3' OF ANY NON-ADDRESSABLE INITIATING DEVICES.
- FIRE ALARM CONTROL PANEL SHALL INCLUDE BATTERIES.
- PROVIDE CERTIFICATE OF COMPLETION AT THE FINAL INSPECTION OF THE FIRE ALARM SYSTEM.
- FIRE ALARM CONTRACTOR SHALL PROVIDE A DETAILED SET OF SHOP DRAWINGS (INCLUDING DEVICE CUT-SHEETS), A COMPLETE POINT TO POINT WIRING DIAGRAM, COMPLETE BATTERY CALCULATIONS, & VOLTAGE DROP CALCULATIONS TO THE AUTHORITY HAVING JURISDICTION AT THE TIME OF APPLICATION FOR BUILDING PERMIT.
- PROVIDE THE OWNER WITH A COMPLETE FIRE ALARM SYSTEM OPERATING AND INSTALLATION MANUAL COVERING ALL SYSTEM EQUIPMENT INSTALLED FOR THIS PROJECT. KEEP AT THE FIRE ALARM CONTROL PANEL.
- THE FIRE ALARM SYSTEM SHALL BE MONITORED BY AN OFFSITE CENTRAL STATION.
- PROVIDE A SURGE PROTECTION DEVICE (SPD) AT ALL POINTS WHERE CLASS A WIRING LEAVES AND ENTERS ANY BUILDING.



**FIRE ALARM RISER DIAGRAM**

No.	Date	Revision	Initials

JOB	19-028.000
PROJECT STATUS	CONFORMANCE SET
DATE	MARCH 24, 2023
SHEET	FIRE ALARM RISER, DETAILS, AND NOTES
SHEET	ES400



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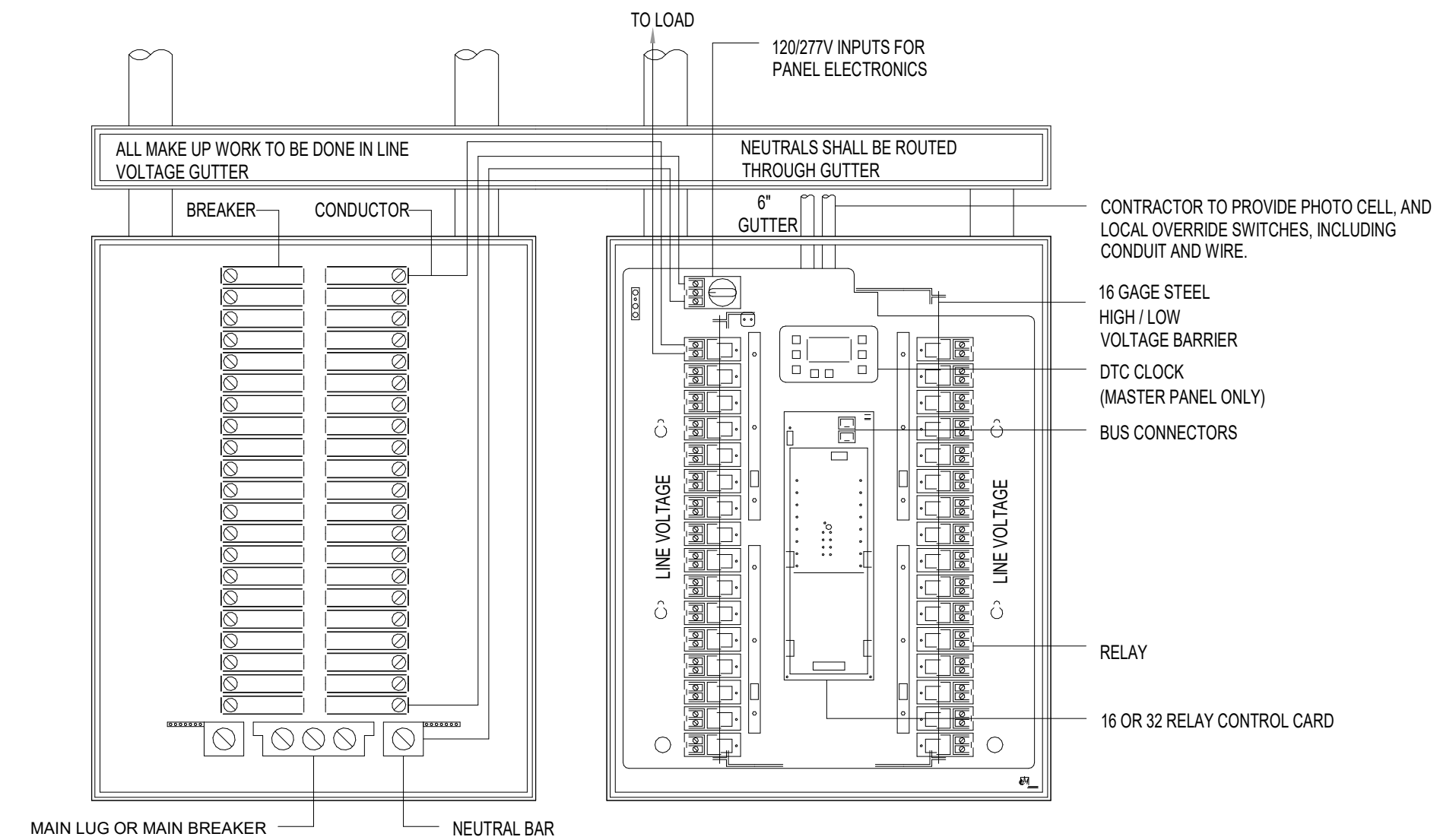
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**LIGHTING CONTROL SYSTEM SPECIFICATIONS**

- LIGHTING CONTROL SYSTEM SHALL BE DIGITAL AND CONSIST OF A MASTER LCP WITH UP TO 32 INDIVIDUAL RELAYS, SLAVE LCPs WITH UP TO 32 INDIVIDUAL RELAYS IN EACH PANEL, A MICRO LCP WITH UP TO 4 INDIVIDUAL RELAYS, WHICH CAN BE SWITCHABLE OR 0-10VDC DIMMABLE, DIGITAL SWITCHES AND DIGITAL INTERFACE CARDS. ALL SYSTEM COMPONENTS SHALL CONNECT IN A 'DAISY CHAIN' STYLE CONFIGURATION AND BE CONTROLLED VIA CATEGORY 5 PATCH CABLE WITH RJ45 CONNECTORS, PROVIDING REAL-TIME TWO WAY COMMUNICATION WITH EACH SYSTEM COMPONENT. ANALOG SYSTEMS ARE NOT ACCEPTABLE. ALL CABLES SUPPLIED BY CONTRACTOR.
- RELAY PANELS SHALL BE PRE-WIRED, PRE-ASSEMBLED, PROGRAMMED TO OWNER REQUIREMENTS, AND LISTED TO UL 936 (EMERGENCY LIGHTING RELAYS INTERMIXED). PANELS SHALL BE PROVIDED WITH DUAL VOLTAGE POWER SUPPLY AND 16 GAGE BARRIERS TO SEPARATE HIGH AND LOW VOLTAGE POWER.
- STANDARD RELAYS SHALL HAVE NORMALLY CLOSED (NC) CONTACTS RATED FOR 120/277V 20A TUNGSTEN OR BALLAST. STANDARD RELAYS SHALL BE ZERO-CROSS TYPE, NO EXCEPTIONS. OPTIONAL 60V, 200 POLE RELAY, NO OR NC, AND 347 SINGLE POLE RELAY SHALL BE AVAILABLE.
- RELAY PANEL ELECTRONICS SHALL PROVIDE CURRENT VISUAL STATUS AND CONTROL OF EACH RELAY OR ZONE. ALL SYSTEM CONTROL ELECTRONICS SHALL STORE PROGRAMMING IN A NON-VOLATILE MEMORY AND PROVIDE 10 YEAR BATTERY BACK UP FOR TIME OF DAY.
- LIGHTING CONTROL PANEL SHALL CONSIST OF A MASTER AND SLAVE PANEL(S) CONTROLLED BY A 32-CHANNEL DIGITAL TIME CLOCK (DTC) THAT CONTROLS AND PROGRAMS THE ENTIRE LIGHTING CONTROL SYSTEM. THE DTC SHALL SUPPLY ALL TIME FUNCTIONS AND ACCEPT OTHER INPUTS. THE DTC SHALL ACCEPT CONTROL LOCALLY USING BUILT IN BUTTON PROMPTS AND USE OF AN 8 LINE 21-LETTER DISPLAY, FROM A COMPUTER, MODEM, ETHERNET OR INTERNET. ALL COMMANDS SHALL BE IN PLAIN ENGLISH. HELP PAGES SHALL DISPLAY ON THE DTC SCREEN.
- ALL SWITCHES SHALL COMMUNICATE VIA RS485, CAT 5 PATCH CABLE WITH RJ45 CONNECTORS. CONTACT CLOSURE STYLE SWITCHES ARE NOT ACCEPTABLE. ANY SWITCH BUTTON FUNCTION SHALL BE ABLE TO BE CHANGED LOCALLY (AT THE DTC OR A PC) OR REMOTELY, VIA MODEM ETHERNET OR INTERNET. REFER TO SINGLE LINE DRAWING FOR WIRING DETAILS. SWITCHES WHICH CANNOT BE PROGRAMMED REMOTELY SHALL NOT BE ACCEPTABLE.
- PHOTOCELL, EXTERIOR (PCO) OR INTERNET (PCI), SHALL PROVIDE READOUT ON THE DTC SCREEN IN NUMBER VALUES ANALOGOUS TO FOOT CANDLES. EACH PHOTOCELL SHALL PROVIDE A MINIMUM OF 14 TRIGGER POINTS. EACH TRIGGER CAN BE PROGRAMMED TO CONTROL ANY RELAY OR ZONE. EACH TRIGGER SHALL BE SET THROUGH DTC, LOCALLY OR REMOTELY. PHOTOCELLS THAT REQUIRE THE USE OF SET SCREWS OR MANUAL ADJUSTMENTS AT THE PHOTOCELL CONTROL CARD SHALL NOT BE ACCEPTABLE.
- STANDARD LIGHTING CONTROL SYSTEM SOFTWARE, PRE-INSTALLED INTO THE DTC, SHALL CONSIST OF AND USE STANDARD GRAPHICAL MANAGEMENT SOFTWARE (GMS) PAGES. GMS SHALL PROVIDE VIA LOCAL OR REMOTE PC A VISUAL REPRESENTATION OF EACH DEVICE ON THE BUS, SHOW REAL TIME STATUS AND THE ABILITY TO CHANGE THE STATUS OF ANY INDIVIDUAL DEVICE, RELAY OR ZONE. OPTIONAL SOFTWARE THAT ACCEPTS JOB SPECIFIC GRAPHICS SHALL BE AVAILABLE. NO EXCEPTIONS.
- TELEPHONE FACTORY DIAL-UP SUPPORT SHALL BE AVAILABLE AT NO ADDITIONAL COST TO THE EC OR OWNER BOTH DURING AND AFTER THE 3 YEAR WARRANTY PERIOD. FACTORY TO PREPROGRAM THE LIGHTING CONTROL SYSTEM PER PLANS AND APPROVED SUBMITTAL. THE LIGHTING CONTROL MANUFACTURER, AT NO ADDED COST, SHALL PROVIDE ADDITIONAL PROGRAMMING VIA MODEM AS REQUIRED BY THE EC OR OWNER FOR THE OPERATIONAL LIFE OF THE SYSTEM. MANUFACTURER WARRANTS THE DTC SOFTWARE CAN BE UPGRADED AND MONITORED REMOTELY. NO EXCEPTIONS.
- SHOP DRAWINGS: SUBMIT DIMENSIONED DRAWINGS OF LIGHTING CONTROL SYSTEM AND ACCESSORIES INCLUDING, BUT NOT NECESSARILY LIMITED TO, RELAY PANELS, SWITCHES, DTC, PHOTOCELLS AND OTHER INTERFACES. DRAWINGS SHALL INDICATE EXACT LOCATION AND PROGRAMMING OF EACH DEVICE. INDICATE ALL TIME SCHEDULES AND SWITCH BUTTON ENGRAVING.
- LIGHTING CONTROL SYSTEM SHALL ACCOMMODATE DAYLIGHT HARVESTING THROUGH DAYLIGHTING SENSORS PLACED THROUGHOUT THE BUILDINGS.

**TYPICAL BRANCH  
PANELBOARD**

**TYPICAL LIGHTING RELAY PANEL**

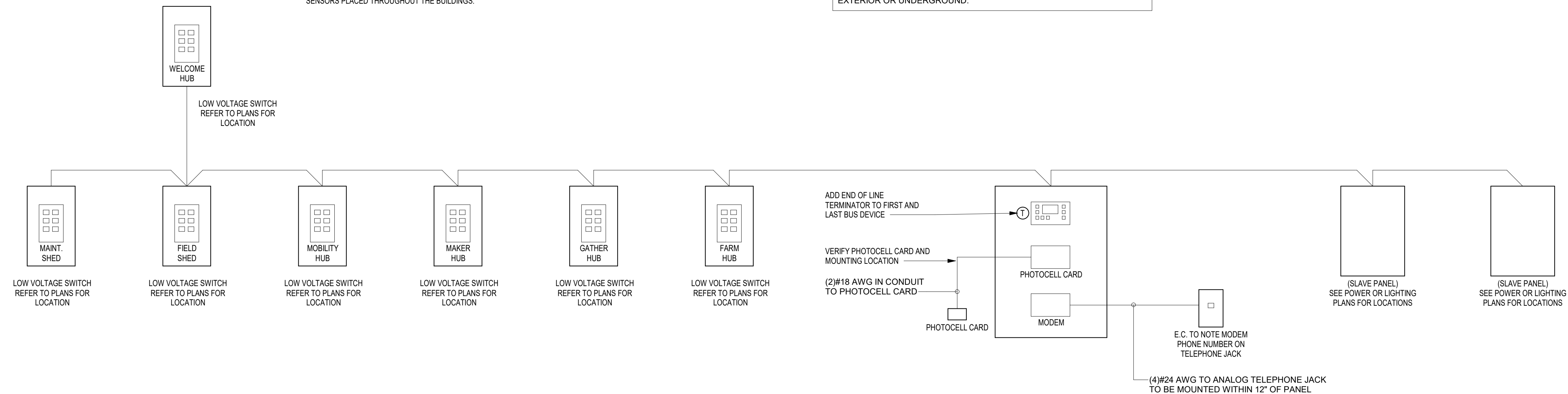


NOTE: COORDINATE CONTROL ZONE & SWITCHING LAYOUT WITH OWNER PRIOR TO PROGRAMMING & INSTALLATION.

NOTE: CONTRACTOR SHALL PROVIDE SEAMLESS CONNECTIVITY AMONG ALL THE BUILDINGS SHOWN WITH KEYPADS, LIGHTING CONTROL PANELS, AND FIXTURES DESIGNATED WITH RELAY-BASED SWITCH LEGS.

PROVIDE SURGE PROTECTION DEVICES (SPD'S) AT ALL POINTS WHERE LIGHTING CONTROL SYSTEM WIRING ENTERS ANY BUILDING FROM THE EXTERIOR OR UNDERGROUND.

- NOTE:
- ALL LIGHTING ZONES/RELAYS ARE INDIVIDUALLY PROGRAMMABLE, FOR CONTROL BY BUILDING AUTOMATION SYSTEM INTEGRAL ELECTRONIC CLOCK, PHOTOCELL OR MANUAL OVERRIDE.
  - REFER TO MANUFACTURER PROVIDED SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.



**OCCUPANCY / VACANCY SENSOR SCHEDULE**

TYPE	DESCRIPTION	MANUFACTURER	MODEL	Type Comments
DTL	CEILING MOUNTED, DUAL TECHNOLOGY, LINE VOLTAGE OCCUPANCY SENSOR	GREENGATE WATTSTOPPER ACUTY	OAC-DT-2000-MV DT-355 CMR-PDT-9/10	AUTO ON / AUTO OFF - PROVIDE POWER PACKS AND OTHER ANCILLARY ITEMS AS REQUIRED
MT1	WALL-MOUNTED, DUAL TECHNOLOGY, LINE VOLTAGE OCCUPANCY SENSOR WITH SINGLE LEVEL CONTROL	GREENGATE WATTSTOPPER ACUTY LEVITON	QNW-D-1001-MV DSW-100 WSX-PDT-XX OSSMT-MDW	AUTO ON / AUTO OFF WITH PUSH-BUTTON OVERRIDE
Standard 2				
VL1	WALL-MOUNTED, LINE VOLTAGE, DUAL TECHNOLOGY VACANCY SENSOR WITH SINGLE LEVEL CONTROL	GREENGATE WATTSTOPPER ACUTY LEVITON	VNW-D-1001-MV DSW-100 WSX-PDT-SA-XX OSSMD-MDW	MANUAL ON / AUTO OFF WITH PUSH-BUTTON OVERRIDE

**LIGHTING CONTROL RELAY SCHEDULE - MAINTENANCE SHED**

Relay Number	Panel	Circuit Number	Switch Type	Controlled By	Zone Designation	Note	Voltage	Area Controlled
1	LMS	18	RELAY	ASTRONOMICAL TIME-CLOCK WITH KEYPAD OVERRIDE	Sa			MAINTENANCE SHED EXTERIOR LIGHTING

Date	By	Job

**19-028.000**

PROJECT STATUS  
**CONFORMANCE SET**

DATE  
**MARCH 24, 2023**

SHEET  
**LIGHTING  
CONTROLS, NOTES,  
AND SCHEDULES**

SHEET  
**ES401**



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**THINK. LISTEN. CREATE.**



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### LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL	TYPE	COMMENTS
F	ARCHITECTURAL GRADE CEILING FAN	BY ARCHITECT	SELECTIONS BY ARCHITECT	LED	CEILING FANS TO BE SELECTED BY THE ARCHITECT. LINE-ITEM SHOWN FOR REFERENCE ONLY.
LF1	4' LED TUNABLE WHITE DOWNLIGHT	ALPHABET PORTFOLIO BOLD	NUM-RD-TW-13LM-2765-95-HE45-UNV-MOUNTING-COLOR LD4815DE010W2N2765 EU481020W2N902765 4LBXXX CRF4-NIC-T-U-S-0-TW-F-FINISH-FINISH-11-D	LED	MOUNTING SELECTION TO BE DETERMINED BY CONTRACTOR. COLOR SELECTIONS & LIGHT COLOR TUNING TO BE SELECTED BY ARCHITECT.
LF2	DECORATIVE LED WALL CYLINDER FIXTURE	BEGA LIGMAN FC LIGHTING	24034 K35 UMY-30002-20W-N-W35 FCC400-11-WM-UNV-935-10L-FINISH-50-LD	LED	MOUNT FIXTURE 10'-0" ABOVE FINISHED GRADE, FINISH TO BE SELECTED BY ARCHITECT, VERIFY MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN
LF3	RECESSED "MOVE IT" DECORATIVE LED TRACK LIGHTING	XAL LITELINE	MOVE1-2-RTL-BL-48V-010V-ST-XXFT KL-1-TXX-C-X-R-BK	LED	DECORATIVE RECESSED TRACK LIGHTING SYSTEM. COORDINATE WITH ARCHITECT ON LENGTH & SHAPE PRIOR TO ORDERING.
LF4	SURFACE-MOUNT "MOVE IT" DECORATIVE DIRECT/INDIRECT LED TRACK LIGHTING	XAL LITELINE	MOVE1-1-PDT-BL-BW-35K-C90-48V-010V-0500LF-ST-XXFT KL-1-F/S-XX-C-XX-X-BK/KL-SPOT-BK	LED	DECORATIVE SURFACE/PENDANT TRACK LIGHTING SYSTEM. COORDINATE WITH ARCHITECT ON LENGTH & SHAPE PRIOR TO ORDERING.
LF5	RECESSED 2' X 4' LED LINEAR FIXTURE	FINELITE NEORAY MARK ARCHITECTURAL	HP-2-R-D-4-S-935-F-96L-G-120-SC-MOUNTING S122DR-S350D935-XX4FD-1-UDD-F-W SL2L-LOP-4FT-FLP-FL-90CRI-35K-1000LMF-MIN1-120	LED	MOUNTING SELECTION TO BE DETERMINED BY CONTRACTOR.
LF6	5 5/8" LED RECESSED DOWNLIGHT	BEGA LIGMAN LIGHTHEADED	24817 35K UMO-80012-21W-M-W35 2-116-T-04-BRO36-35-8014-WET / DAB-FVR-R-T-3-P-VOLT	LED	COLOR SELECTION TO BE BY ARCHITECT.
LF7	DECORATIVE WALL-MOUNTED LED VANITY FIXTURE	BEGA	50144-FINISH	LED	FINAL MOUNTING HEIGHT TO BE COORDINATED WITH ARCHITECT. FINISH SELECTION TO BE BY ARCHITECT.
LF8	SURFACE/PENDANT-MOUNT 2' X 4' LED LINEAR FIXTURE	FINELITE NEORAY MARK ARCHITECTURAL	HP-2-SM-D-4-S-935-F-96L-G-120-SC-MOUNTING-FE-FINISH S122DM/DP-935D935-XX-XX4FD-1-UDD-F S2LS-LLP-4FT-90CRI-1000LMF-MIN1-120-WHT	LED	COORDINATE SURFACE OR PENDENT MOUNT WITH ARCHITECT. FINISH SELECTION TO BE BY ARCHITECT.
LF9	RECESS-MOUNT, EDGE-LIT, LED EXIT SIGN	DUAL-LITE SURE-LITES BEGHELLI	LECRXX-FINISH-E EUX7RX OL2-SAL-R-1/2-C-CR-FINISH	LED	DIRECTIONAL CHEVRONS, WALL OR CEILING MOUNT, SINGLE OR DOUBLE FACE TO BE COORDINATED AT EACH LOCATION.
LF10	ARCHITECTURAL WALL-MOUNT LED FIXTURE	BEGA LIGMAN SISTEMALUX	33341 35K UGN-30031-2X12W-W35 S.7252W/MOD35K-DF-UNV-FINISH	LED	VERIFY FINISH AND MOUNTING HEIGHT WITH ARCHITECT.
LF11	8" DIA. LED PENDANT MOUNT CYLINDER	BEGA LIGMAN FC LIGHTING	24507 35K UJE-9511-39W-W-W35 FCC800-17-SP/LENGTH-UNV-935-30L-FINISH-40-LD	LED	VERIFY FINISH AND MOUNTING HEIGHT WITH ARCHITECT.
LF13	DECORATIVE LED SITE BOLLARD FIXTURE	LIGMAN FC LIGHTING BEGA	UL1-10021-29W-T4-W35-FINISH-120/277V FC91699-UNV-42-4K-19L-FINISH 88977 K35 FINISH 79 802	LED	VERIFY FINISH WITH ARCHITECT.
LF14	SECORATIVE LED SITE COLUMN LIGHT FIXTURE	LIGMAN WE-EF LUMINIS	UBE-20011-20W-W35-FINISH-120/277V 645-3421 LQ641-L1L15-R2-LOP669-120/277-FINISH	LED	VERIFY FINISH WITH ARCHITECT.

Revised	
Date	
No.	
JOB	<b>19-028.000</b>
PROJECT STATUS	<b>CONFORMANCE SET</b>
DATE	<b>MARCH 24, 2023</b>
SHEET	<b>LIGHTING FIXTURE SCHEDULE</b>
SHEET	<b>ES402</b>



04/07/2023

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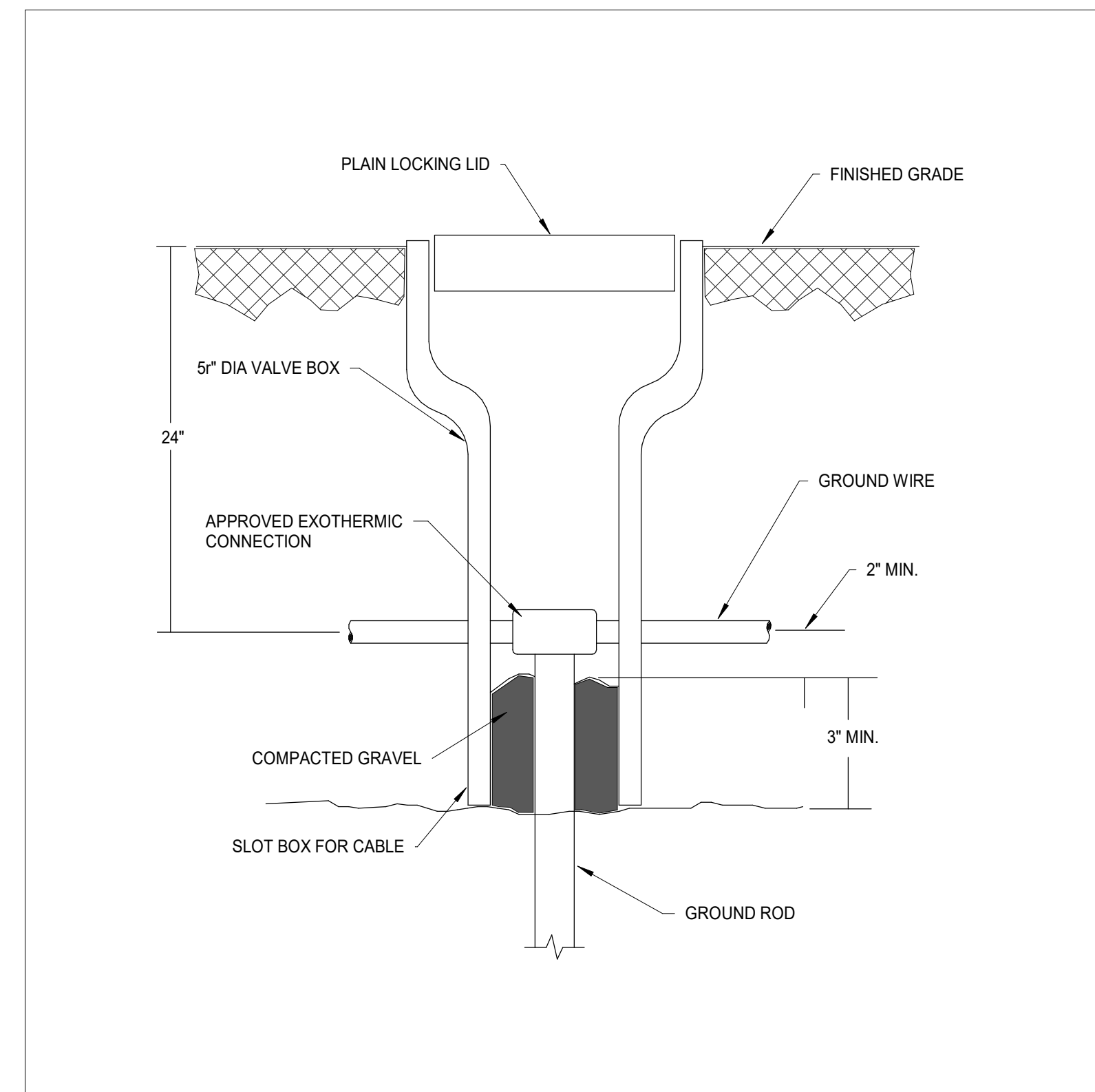
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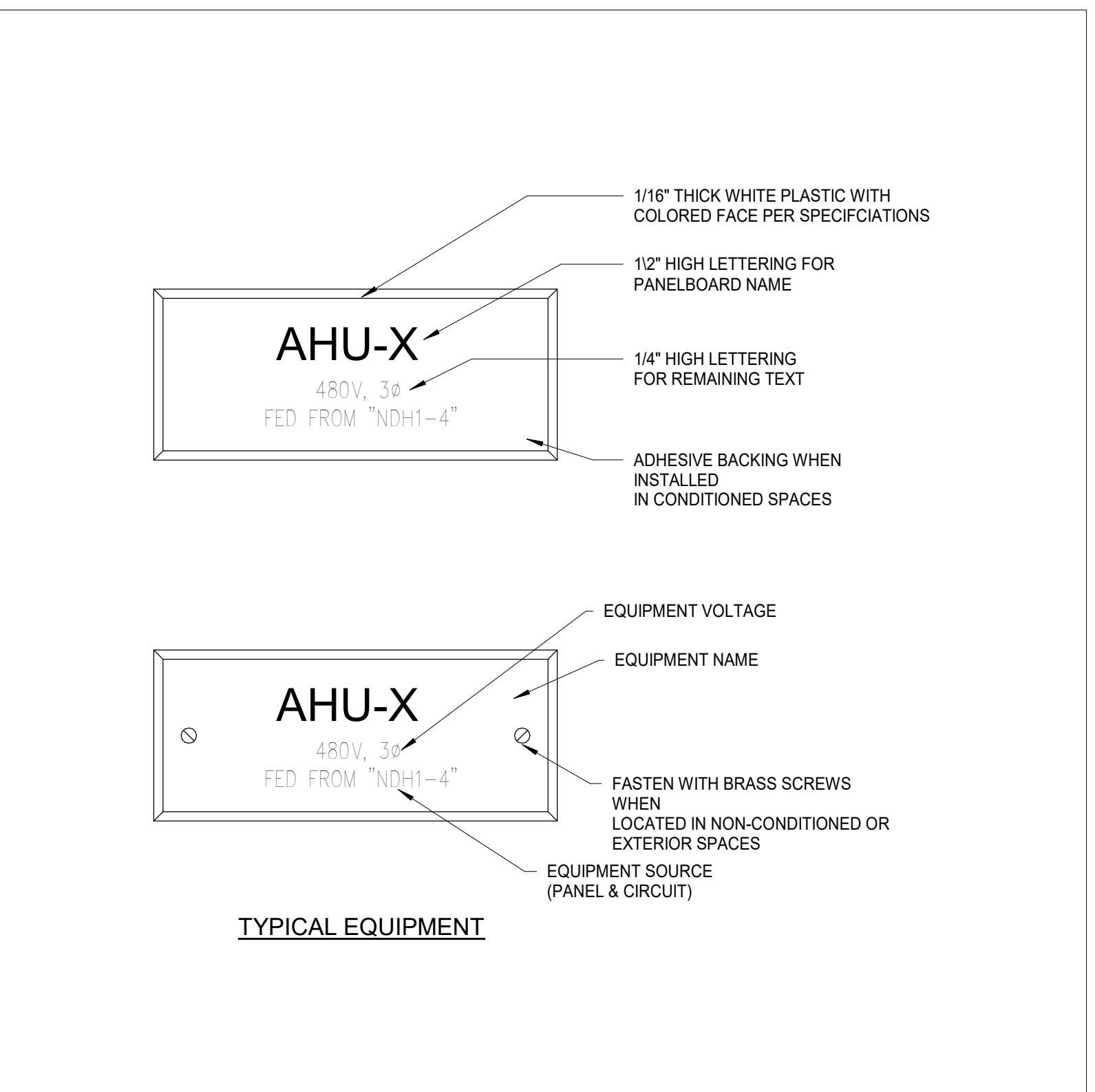
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MAWFIELD SHED PACKAGE#3  
GULF SHORES, ALABAMA



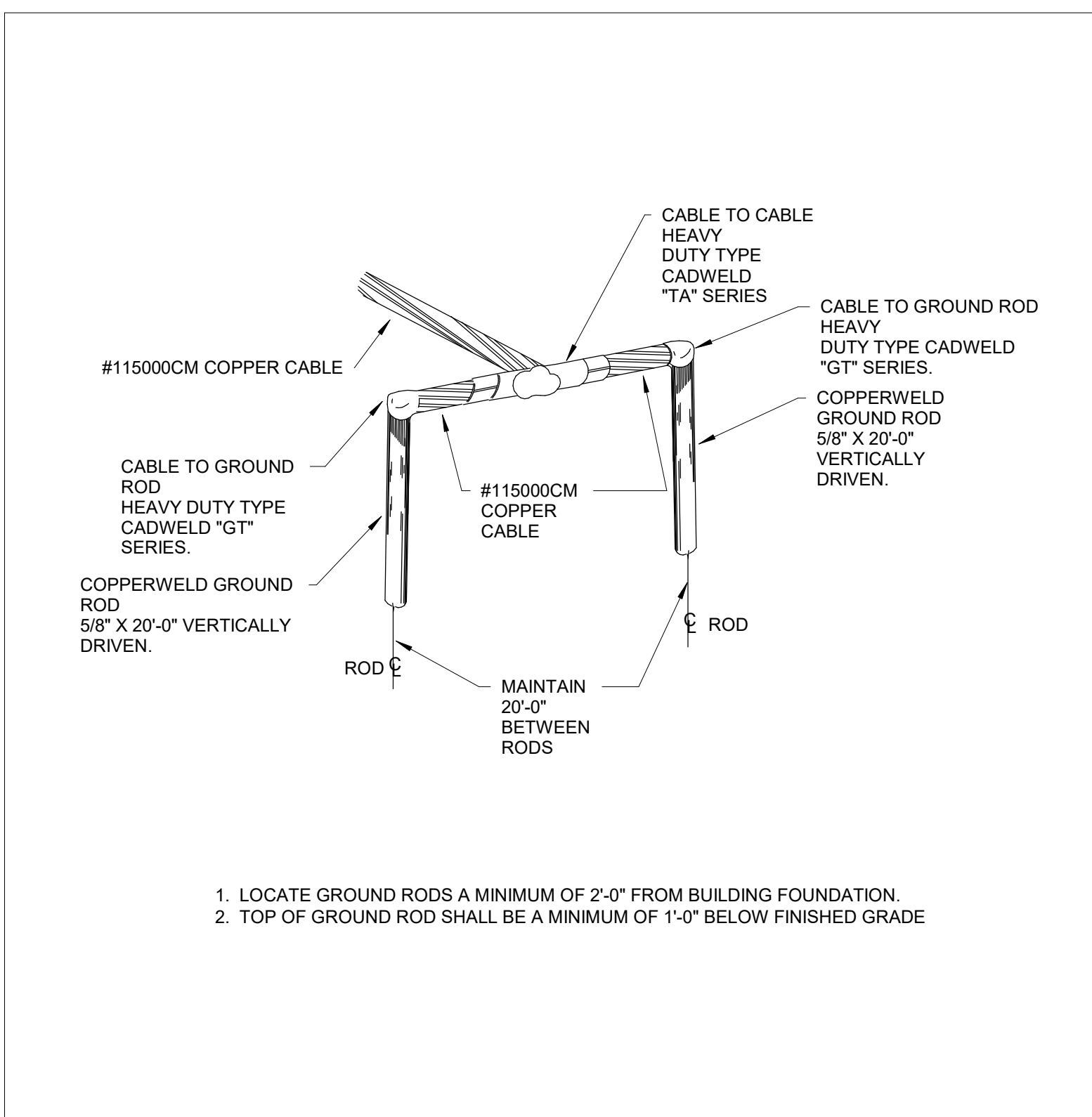
**GND. ROD INSPECTION WELL AT ALL ROD LOCATIONS**  
No Scale

2



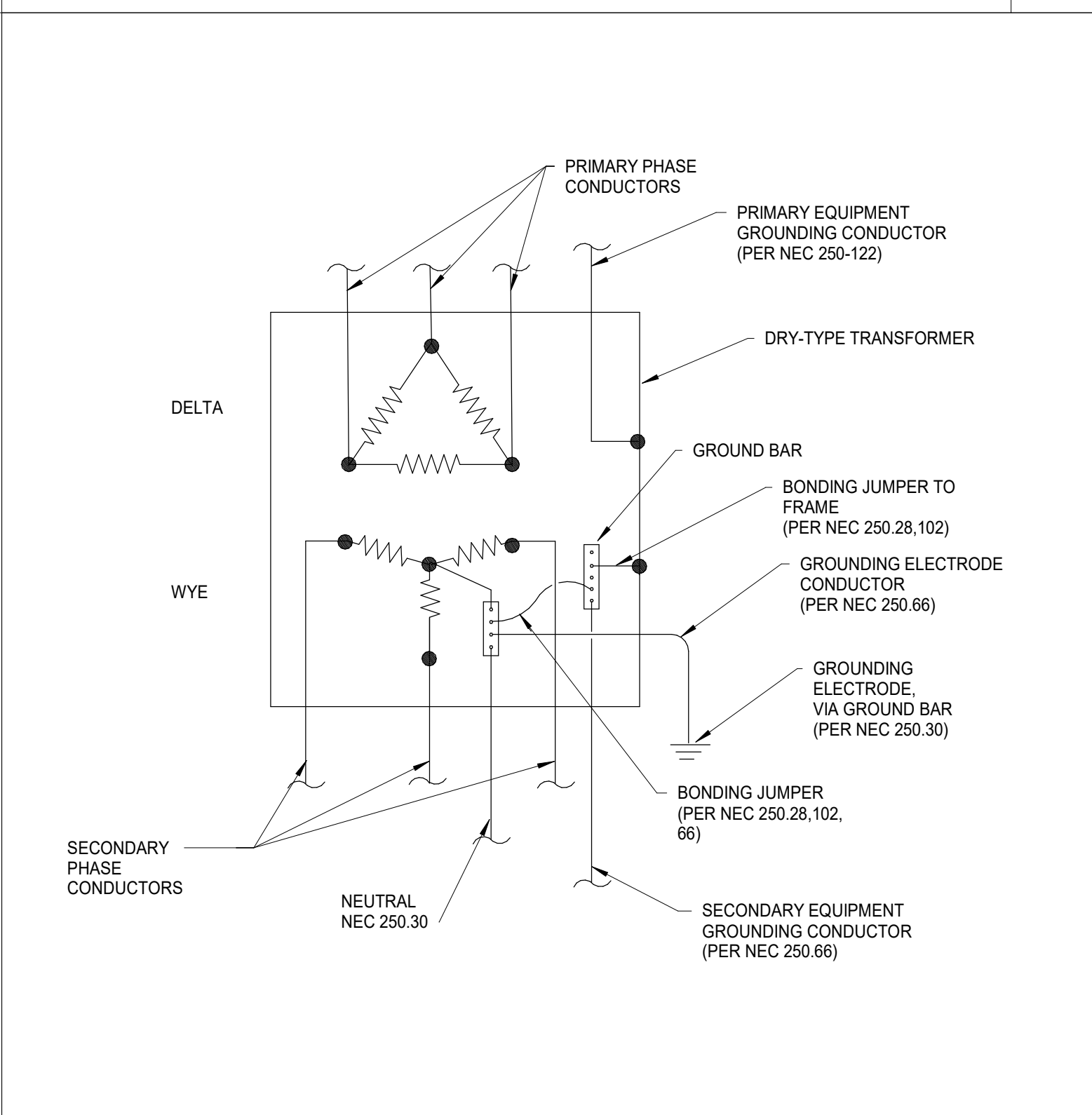
**EQUIPMENT NAMEPLATE DETAIL**  
No Scale

1



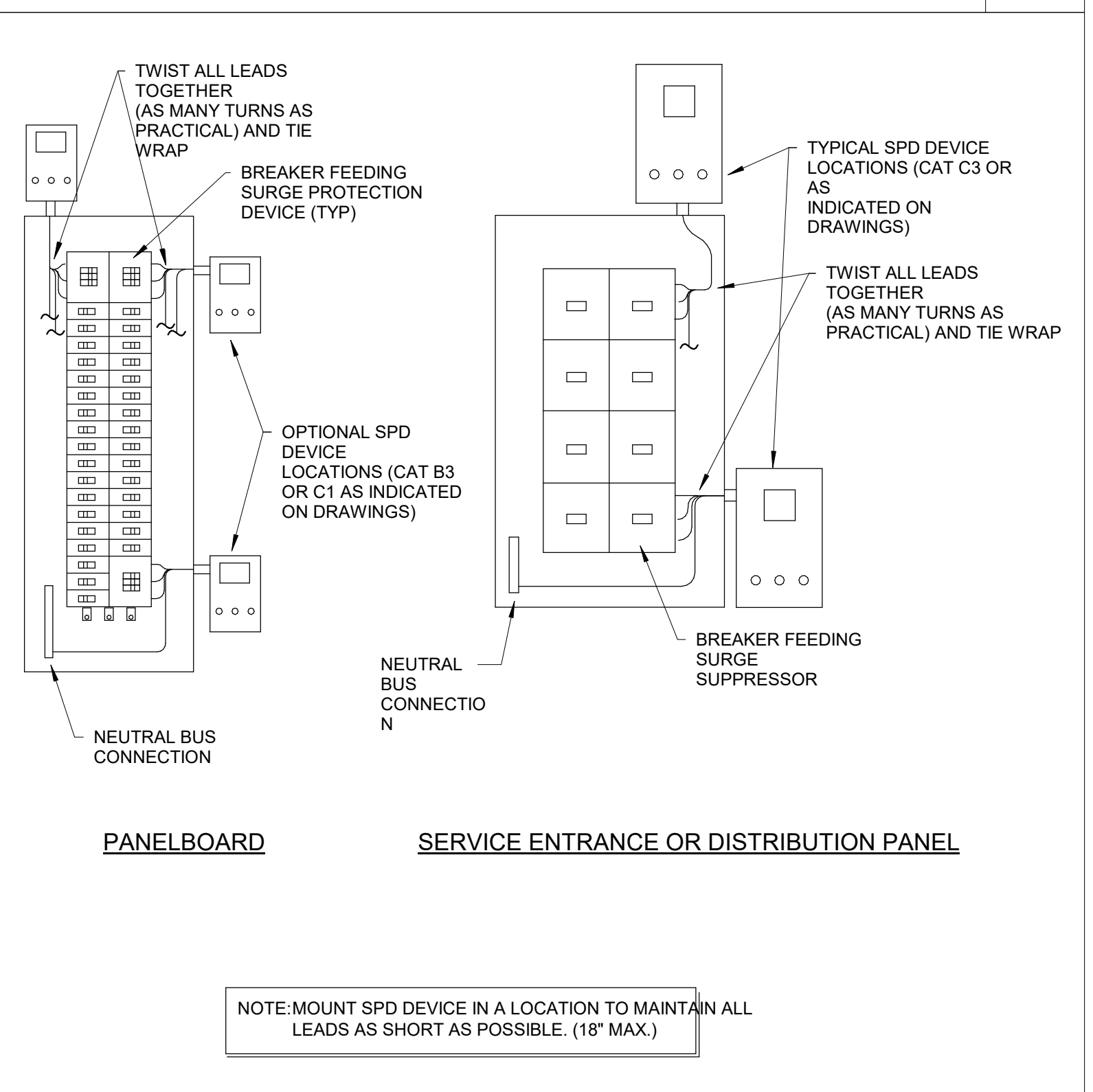
**TYP. GROUND ROD CONNECTION**  
No Scale

5



**STEP DOWN TRANSFORMER GROUNDING**  
No Scale

4



**SPD EXTERIOR MOUNT INSTALLATION**  
No Scale

3

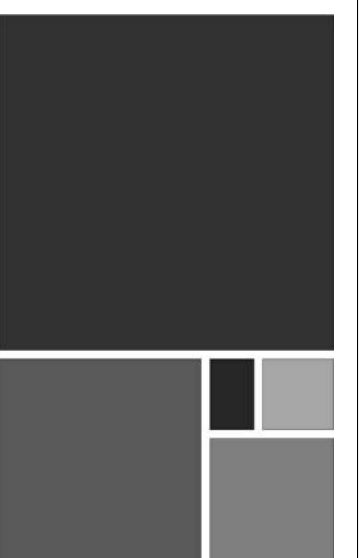
No.	Date	Revision

JOB	19-028.000
PROJECT STATUS	CONFORMANCE SET
DATE	MARCH 24, 2023
SHEET	ELECTRICAL DETAILS
SHEET	ES500



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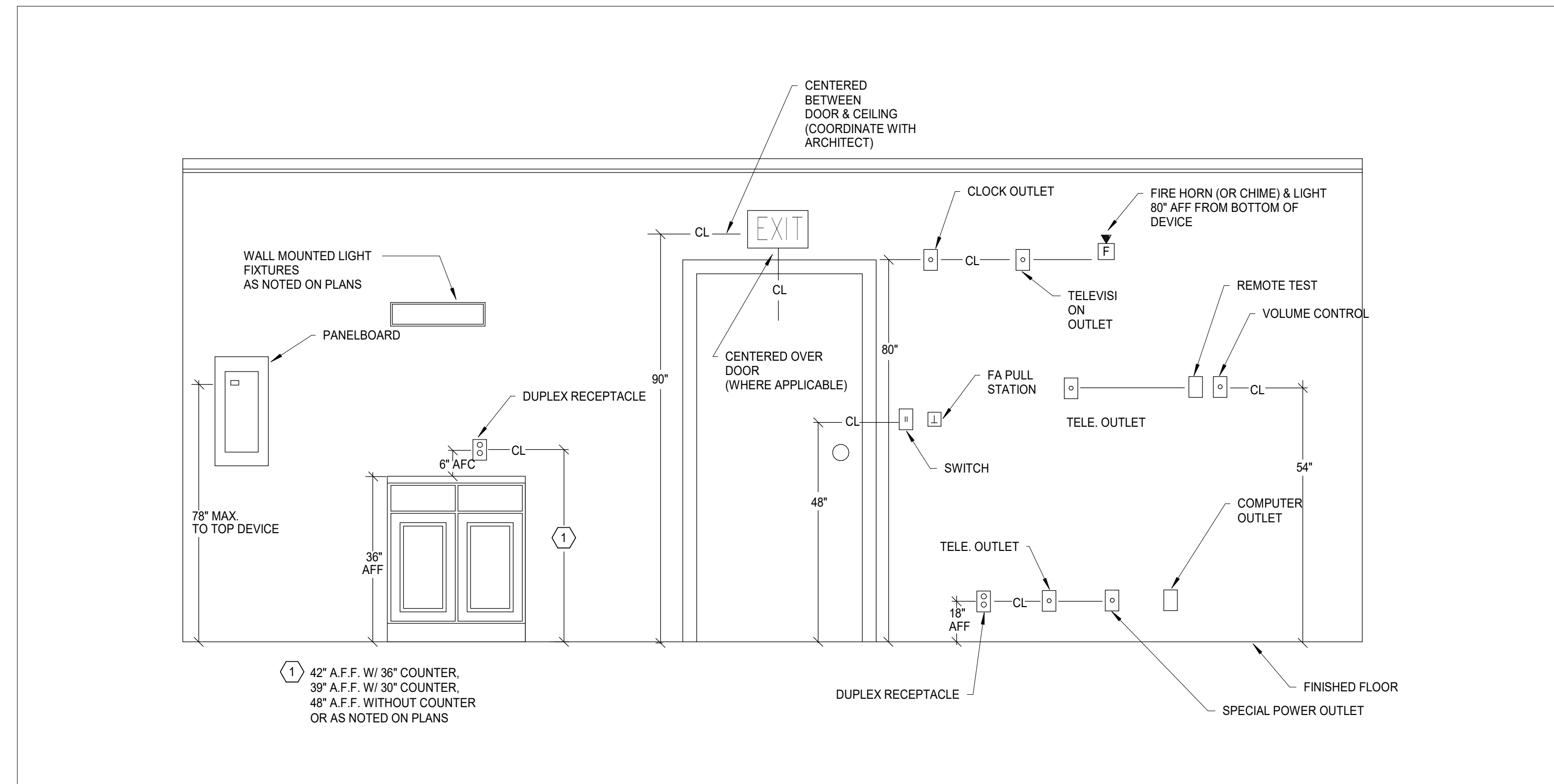
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**TYPICAL ELECTRICAL MOUNTING HEIGHTS**  
No Scale

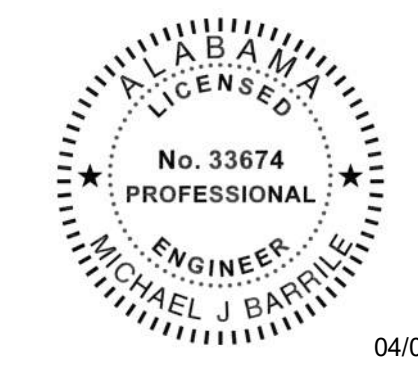
Date	By	Checked	Revision	Description



**TECHNOLOGY KEYED NOTES**

① PROVIDE WALL MOUNTED EQUIPMENT RACK MOUNTED TO 3/4" PLYWOOD BACKBOARD. DESIGN SELECTION: DWR-12-26PD

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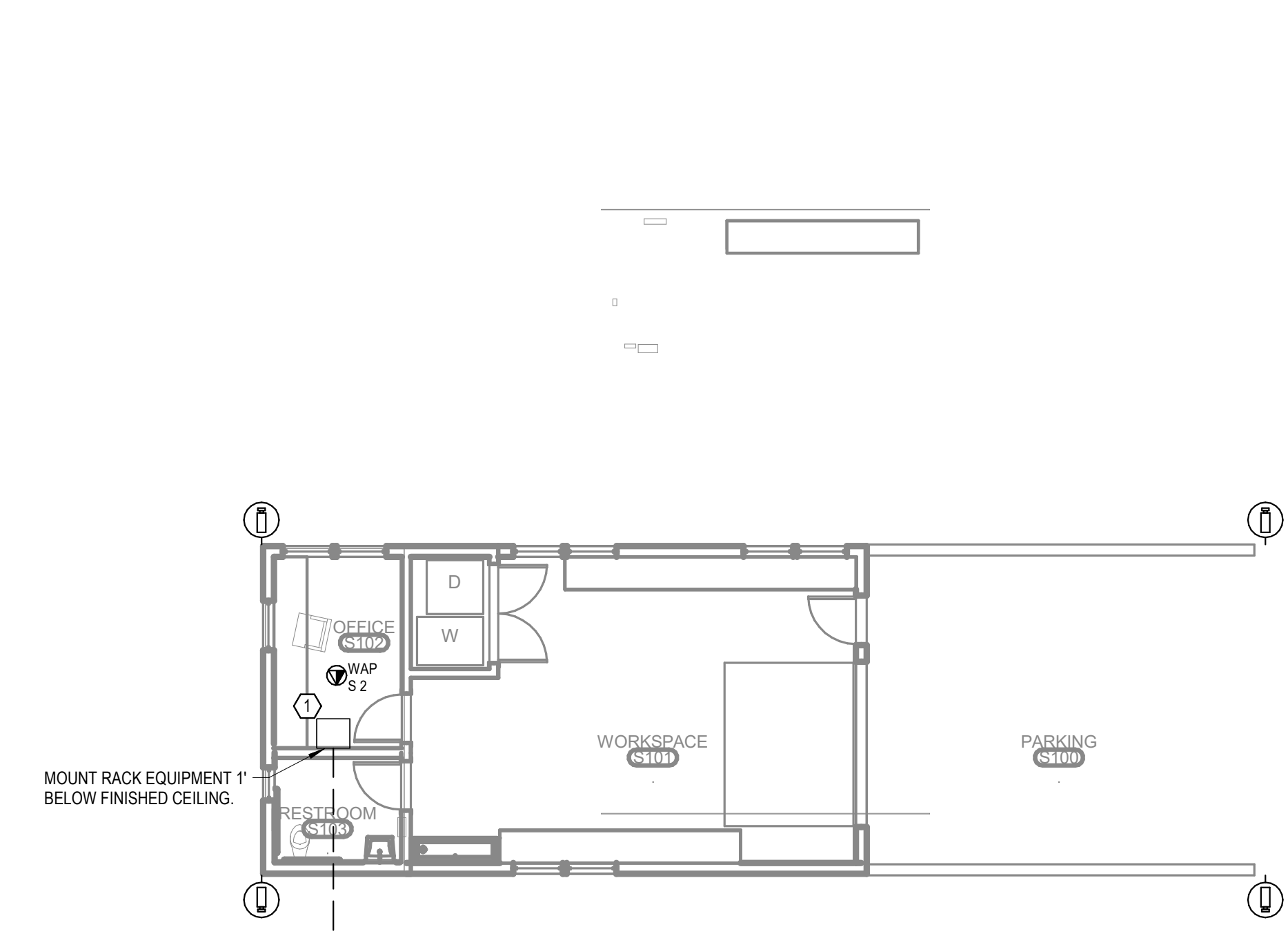


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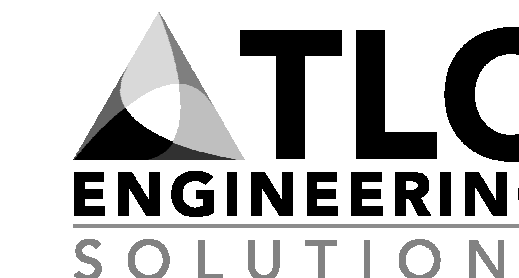
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**LEVEL 1 - MAINTENANCE SHED**  
**1 - TECHNOLOGY**  
 1/8" = 1'-0"

INCHES	
FEET	
REVISION	
DATE	
NO.	
JOB	<b>19-028.000</b>
PROJECT STATUS	<b>CONFORMANCE SET</b>
DATE	<b>MARCH 24, 2023</b>
SHEET	<b>MAINTENANCE SHED TECHNOLOGY FLOOR PLAN</b>
SHEET	<b>TS100</b>



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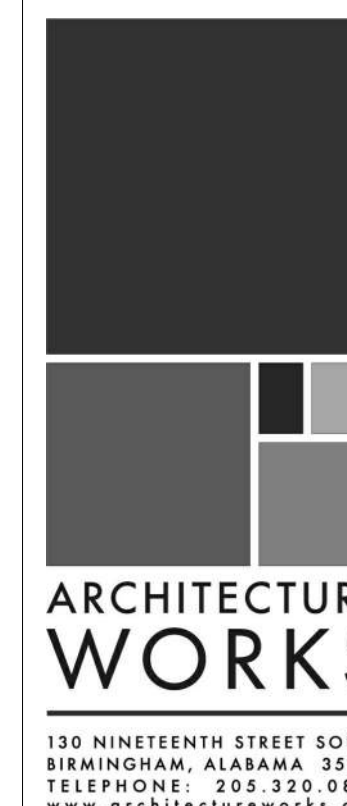
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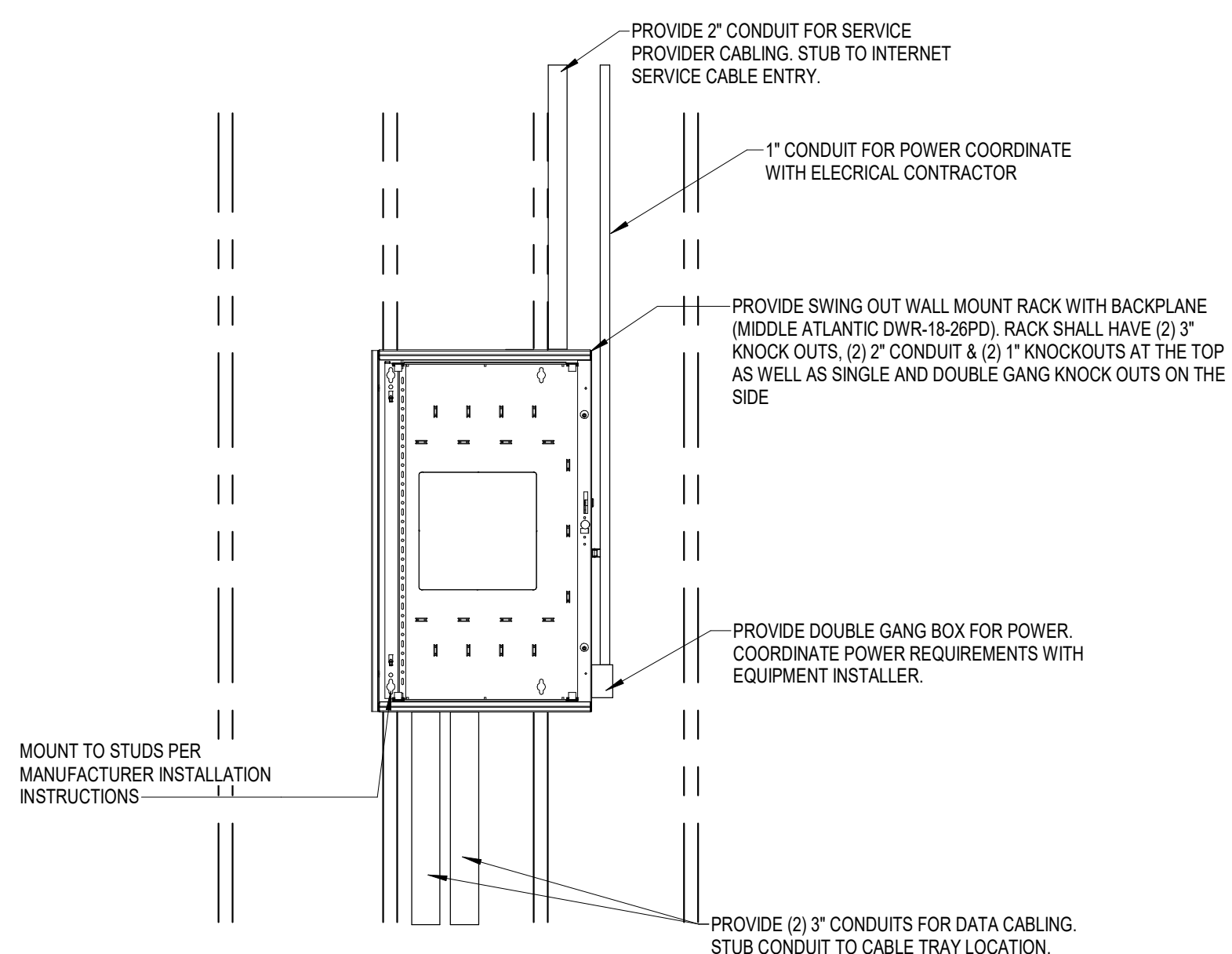
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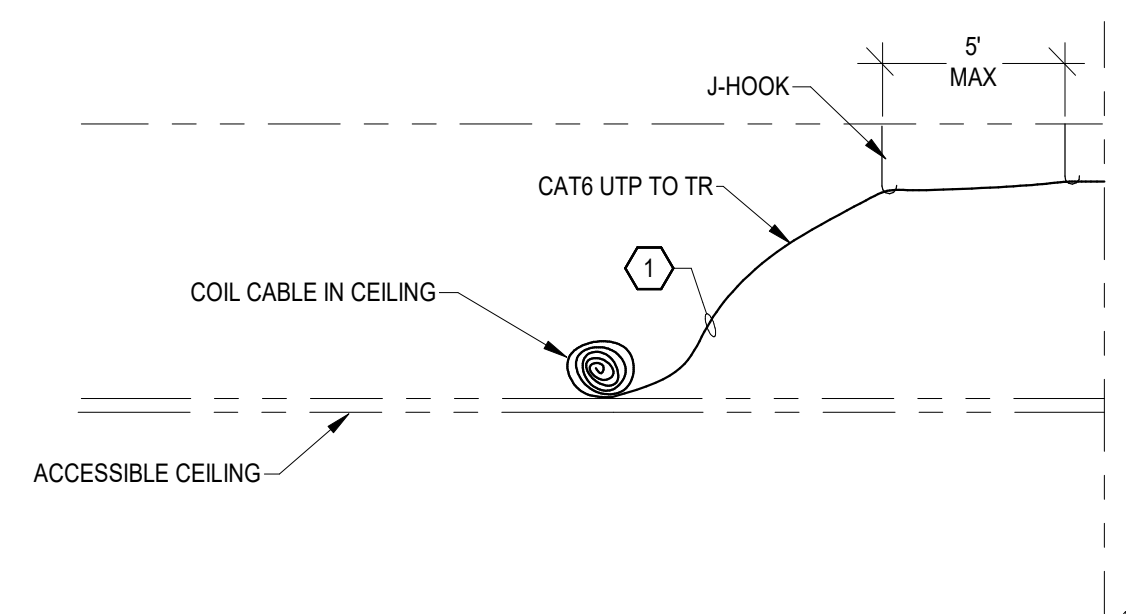
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1 WALL MOUNTED RACK DETAIL - MAINTENANCE SHED  
3/4" = 1'-0"



NOTE:  
WIRELESS ACCESS POINT AND ANTENNA NOT IN CONTRACT.  
DETAIL NOTE:  
1 COIL 20' LOOP IN CEILING.

WAP S02  
2 WIRELESS ACCESS POINT (COILED IN CEILING) - MAINTENANCE SHED  
1" = 1'-0"

No.	Date	Revision	Interim

JOB  
19-028.000

PROJECT STATUS  
CONFORMANCE SET

DATE  
MARCH 24, 2023

SHEET  
TECHNOLOGY DETAILS

SHEET  
TS500





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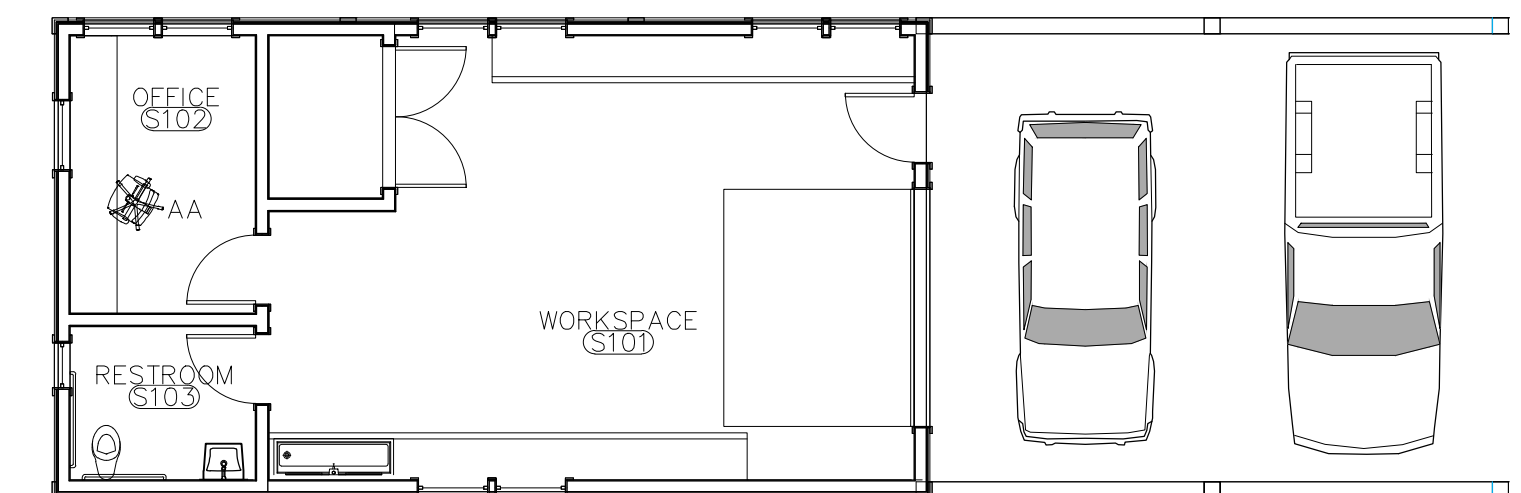
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NOTE: REFERENCE INDIVIDUAL FURNITURE  
SPEC'S FOR MANUFACTURERS, PRODUCT  
NUMBERS, QUANTITIES, AND FINSHES



**01** FURNITURE PLAN  
**100**  
1/8"=1'-0"

NO.	DATE	REVISION	BY

JOB  
19-028.000

PROJECT STATUS  
CONFORMANCE SET

DATE  
MARCH 24, 2023

SHEET NAME  
FURNITURE PLAN

SHEET NO.  
IDS100