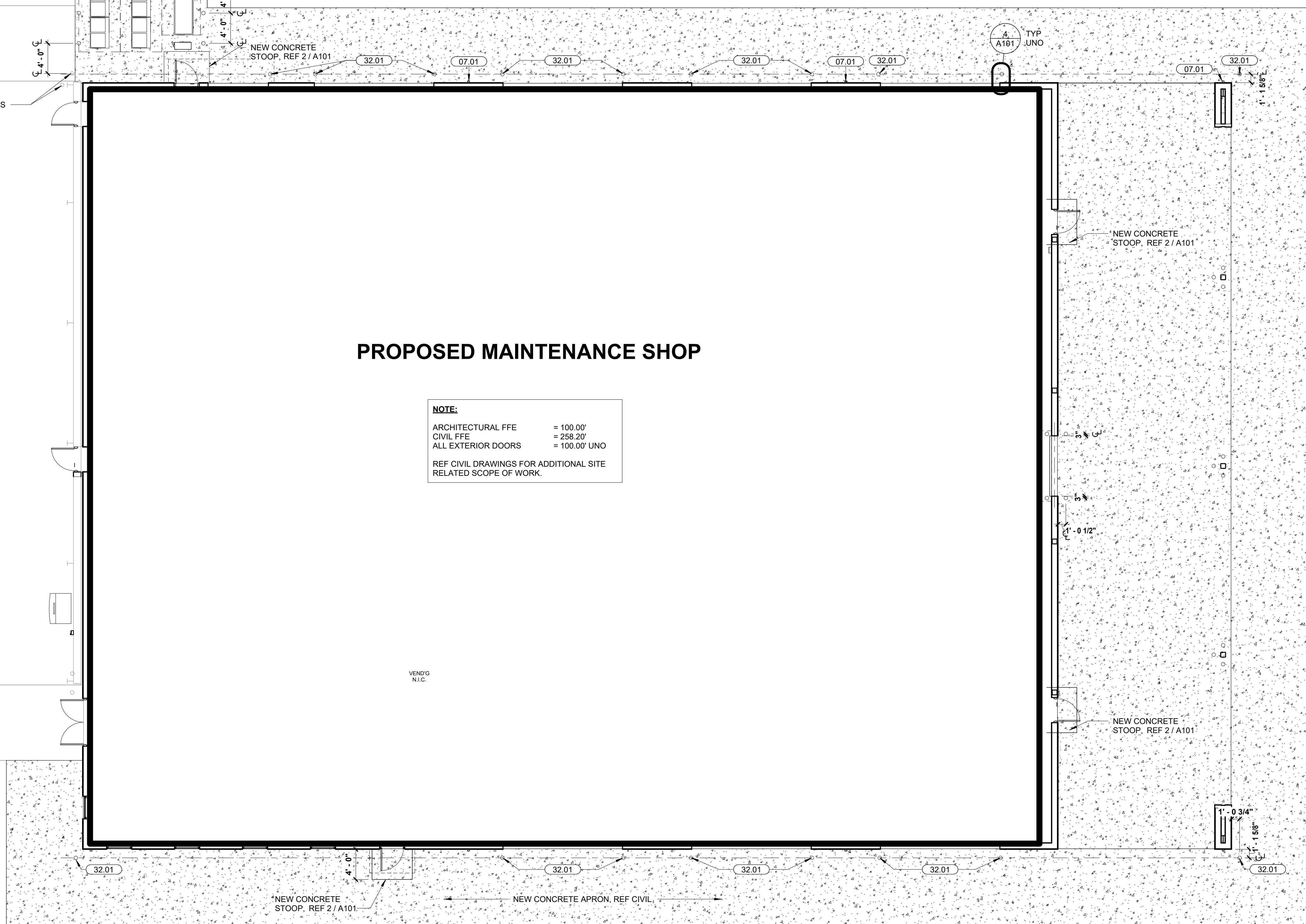
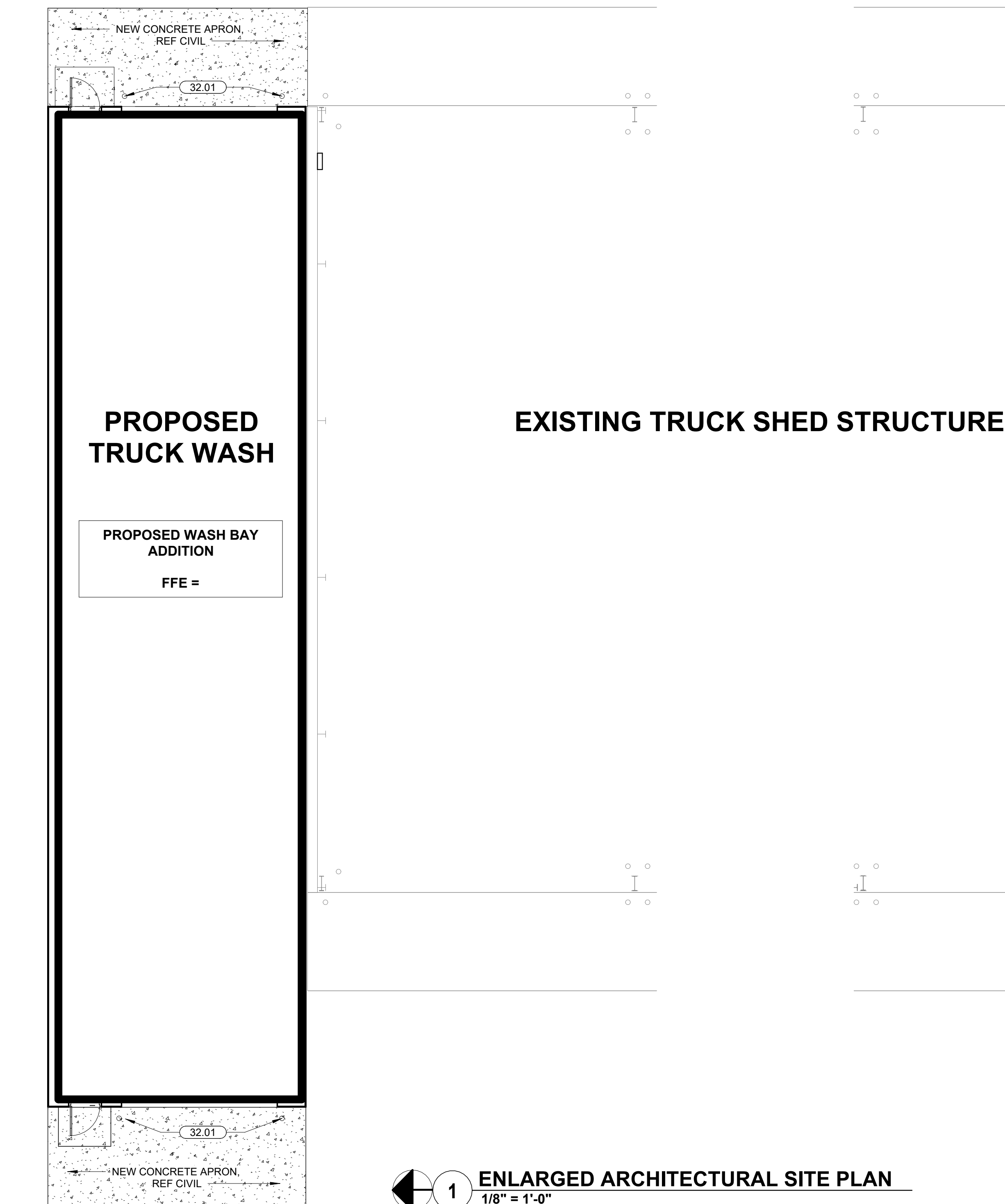
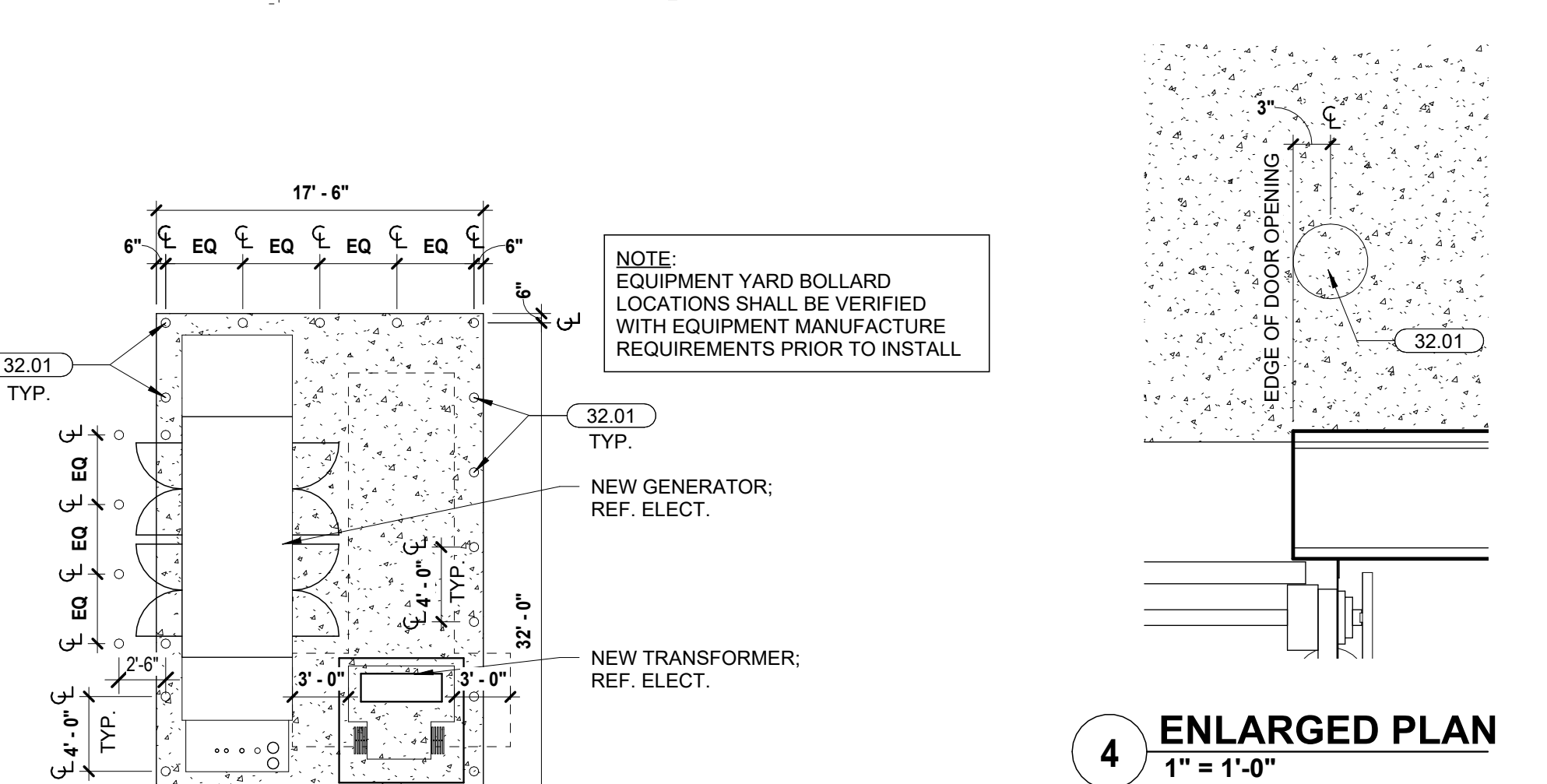
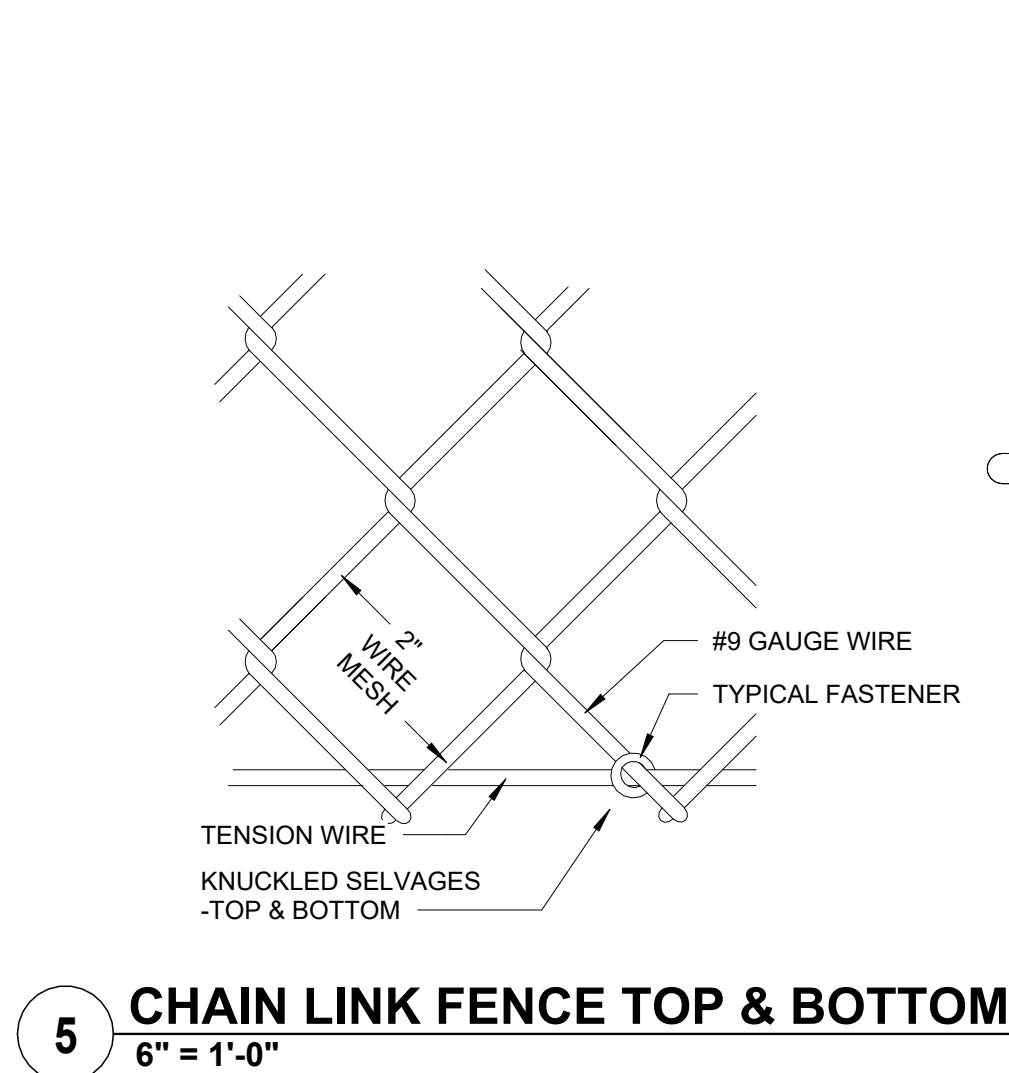
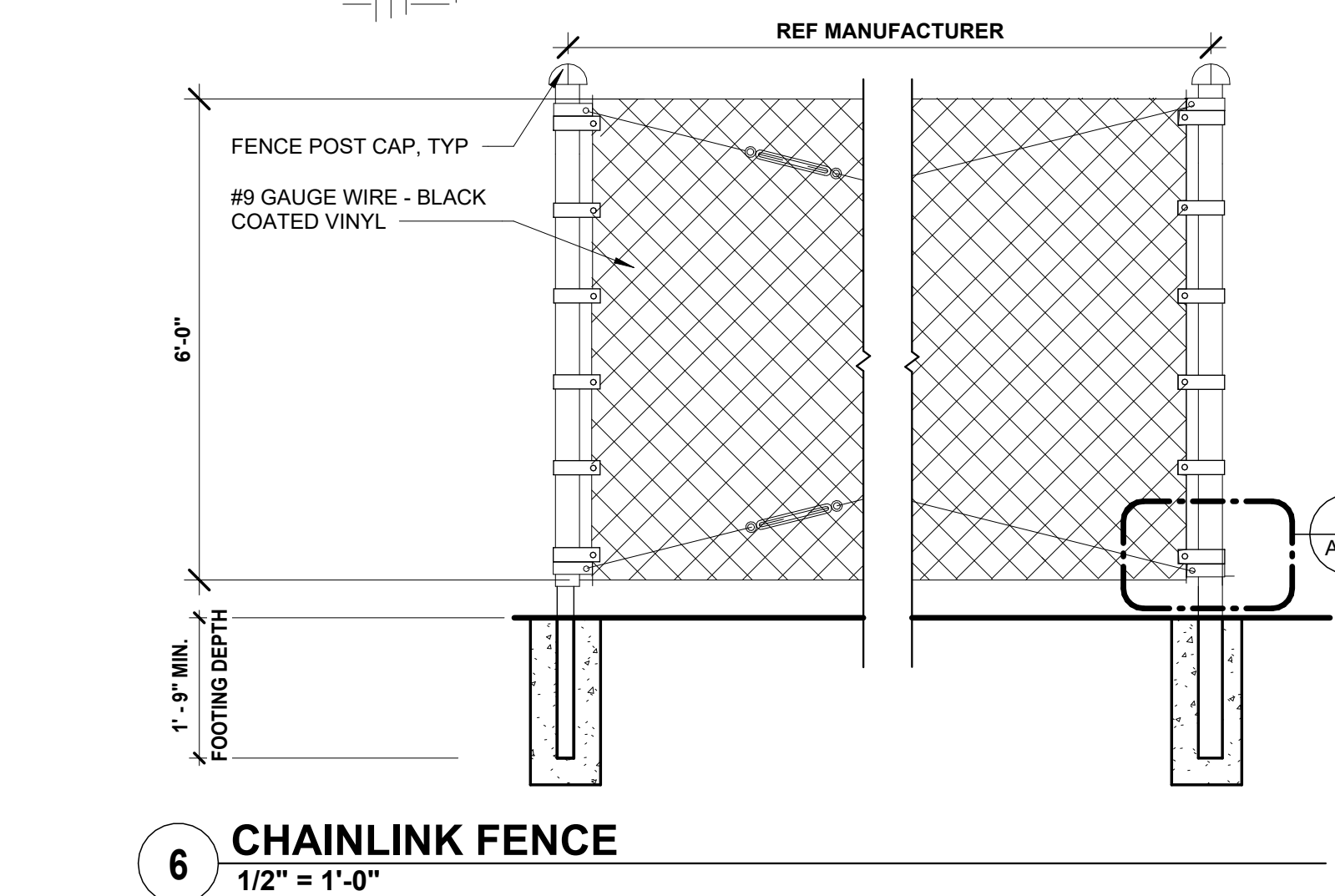
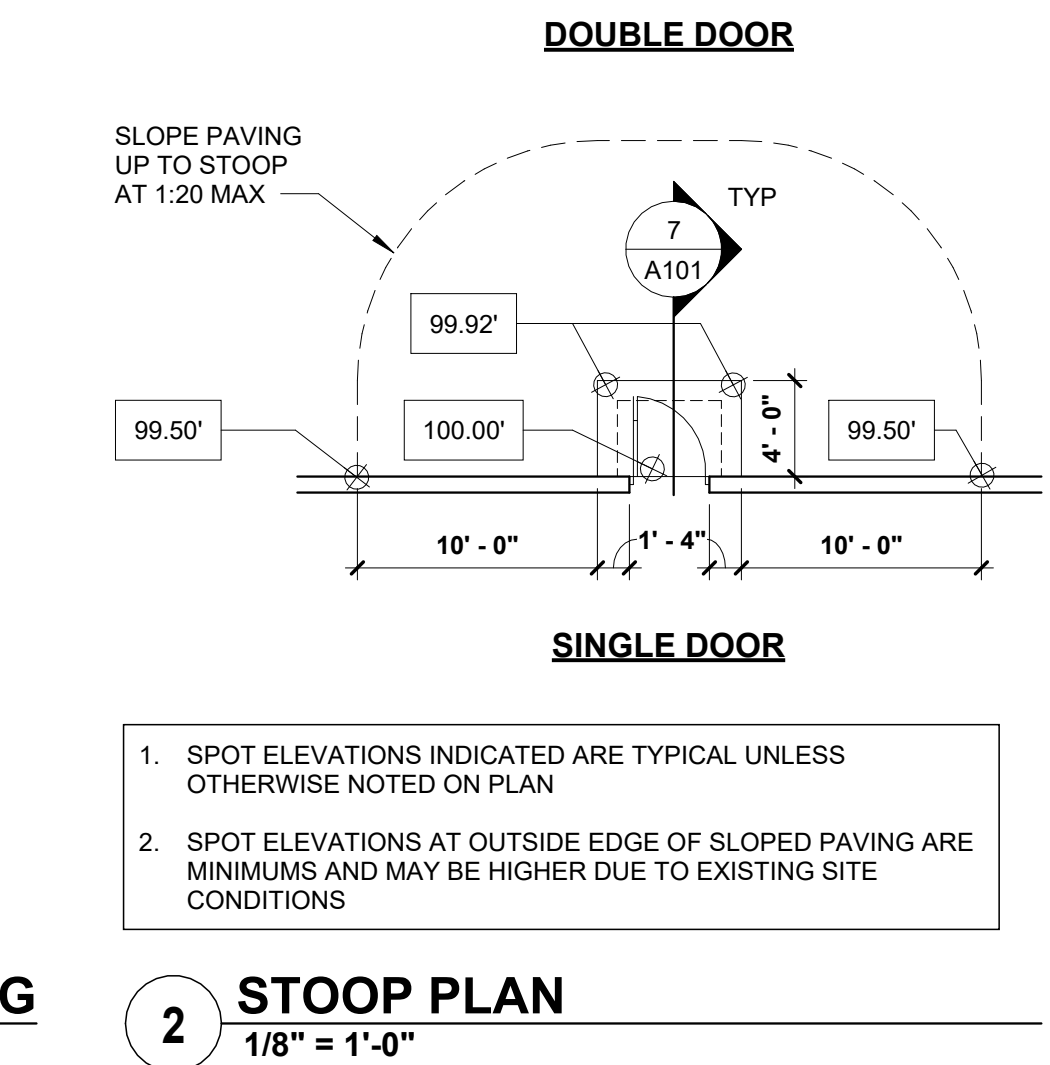
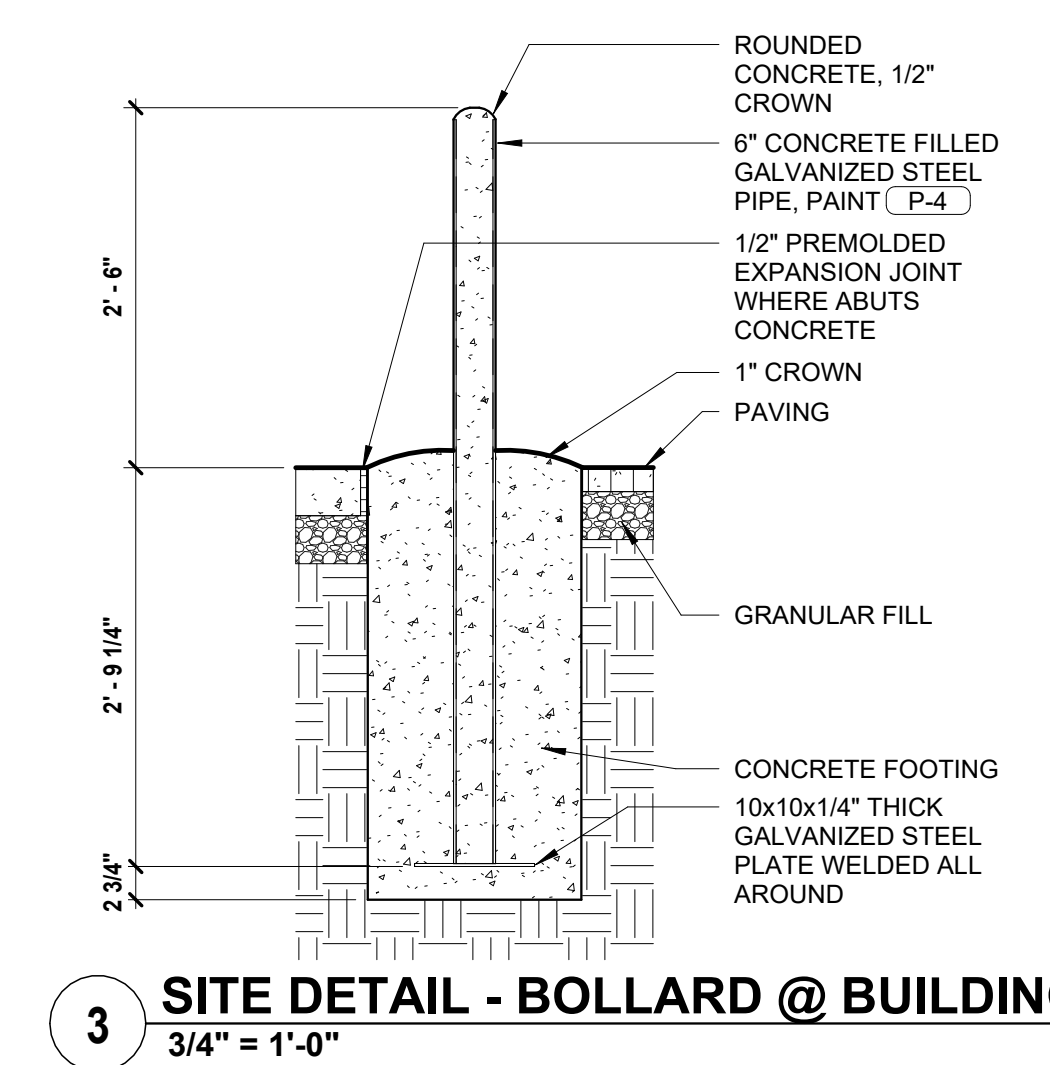
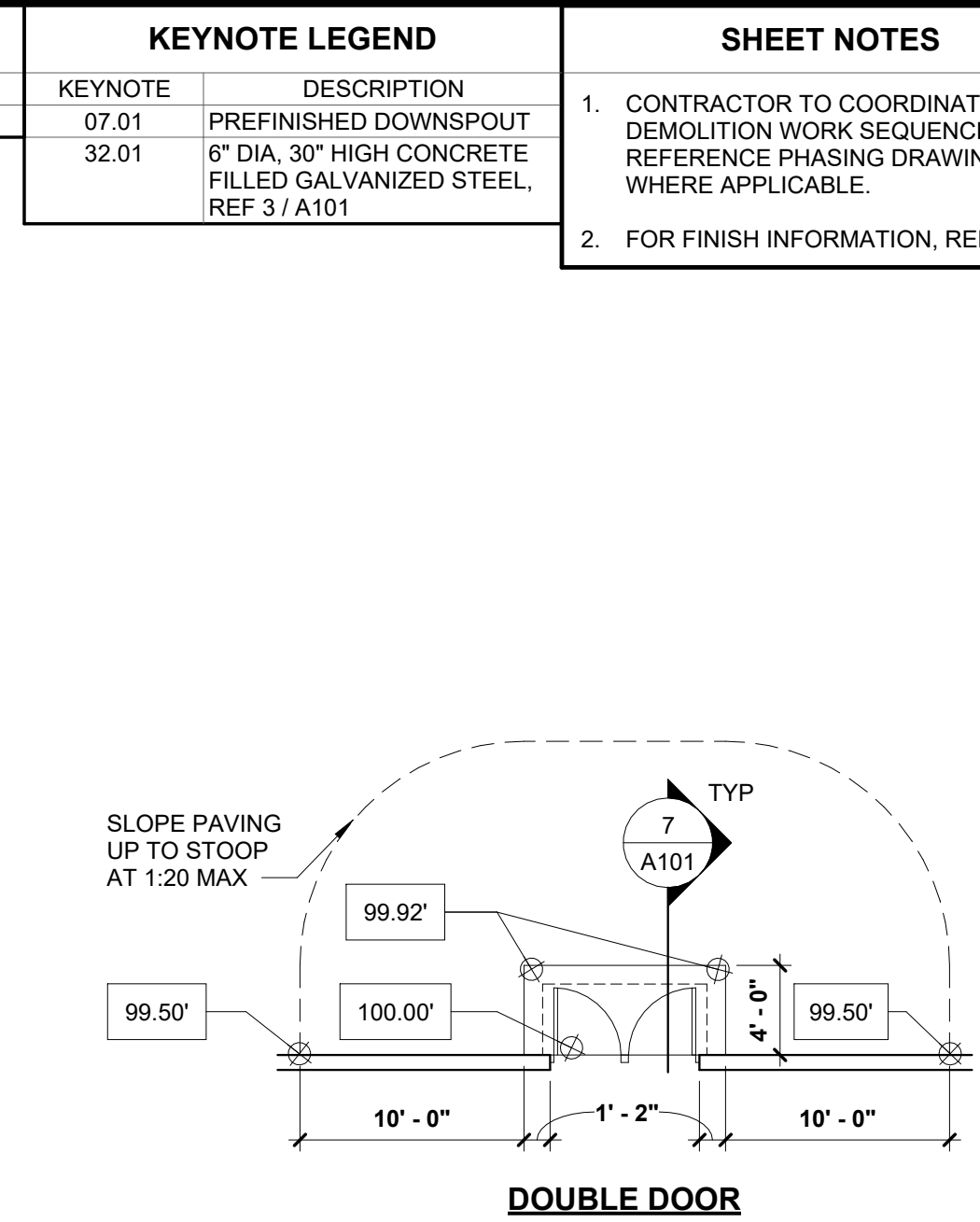
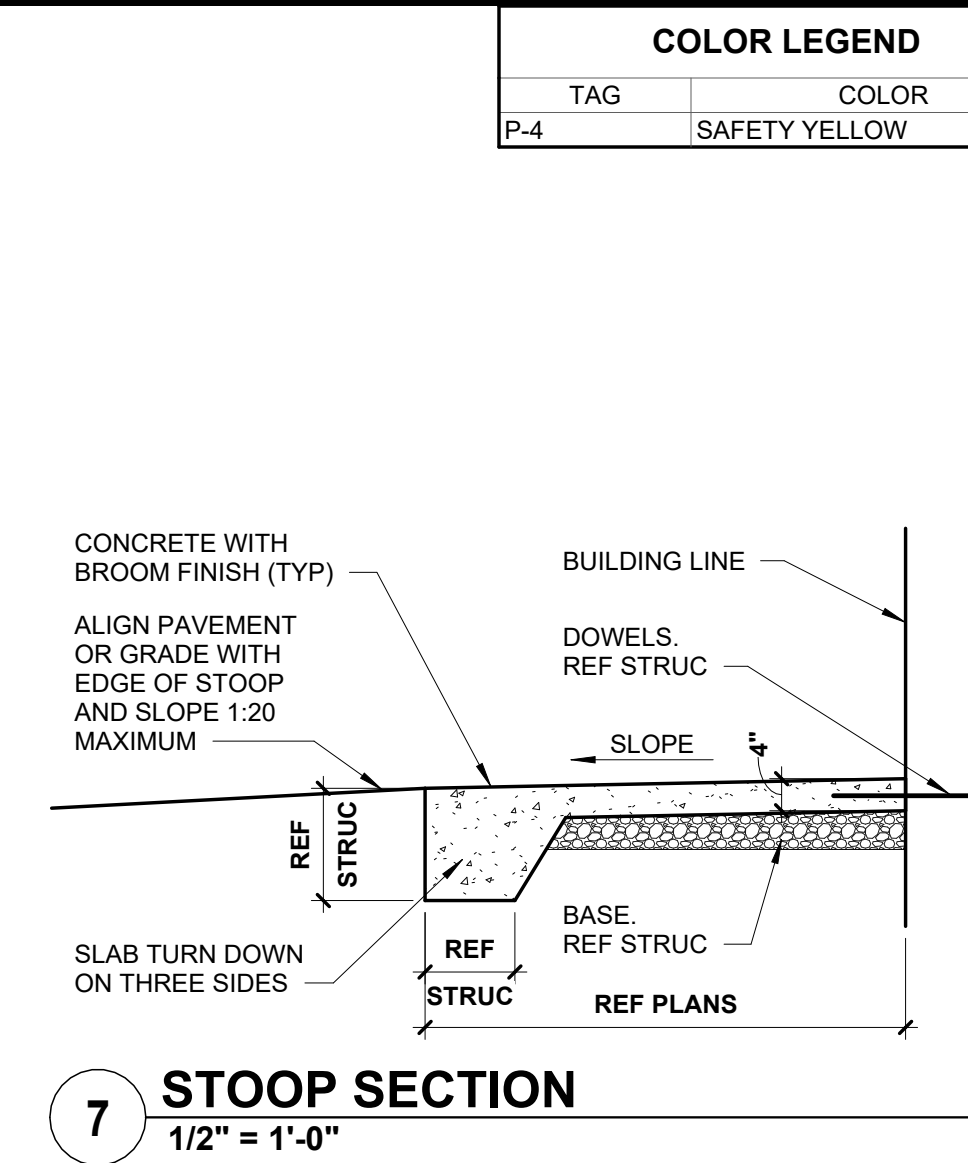
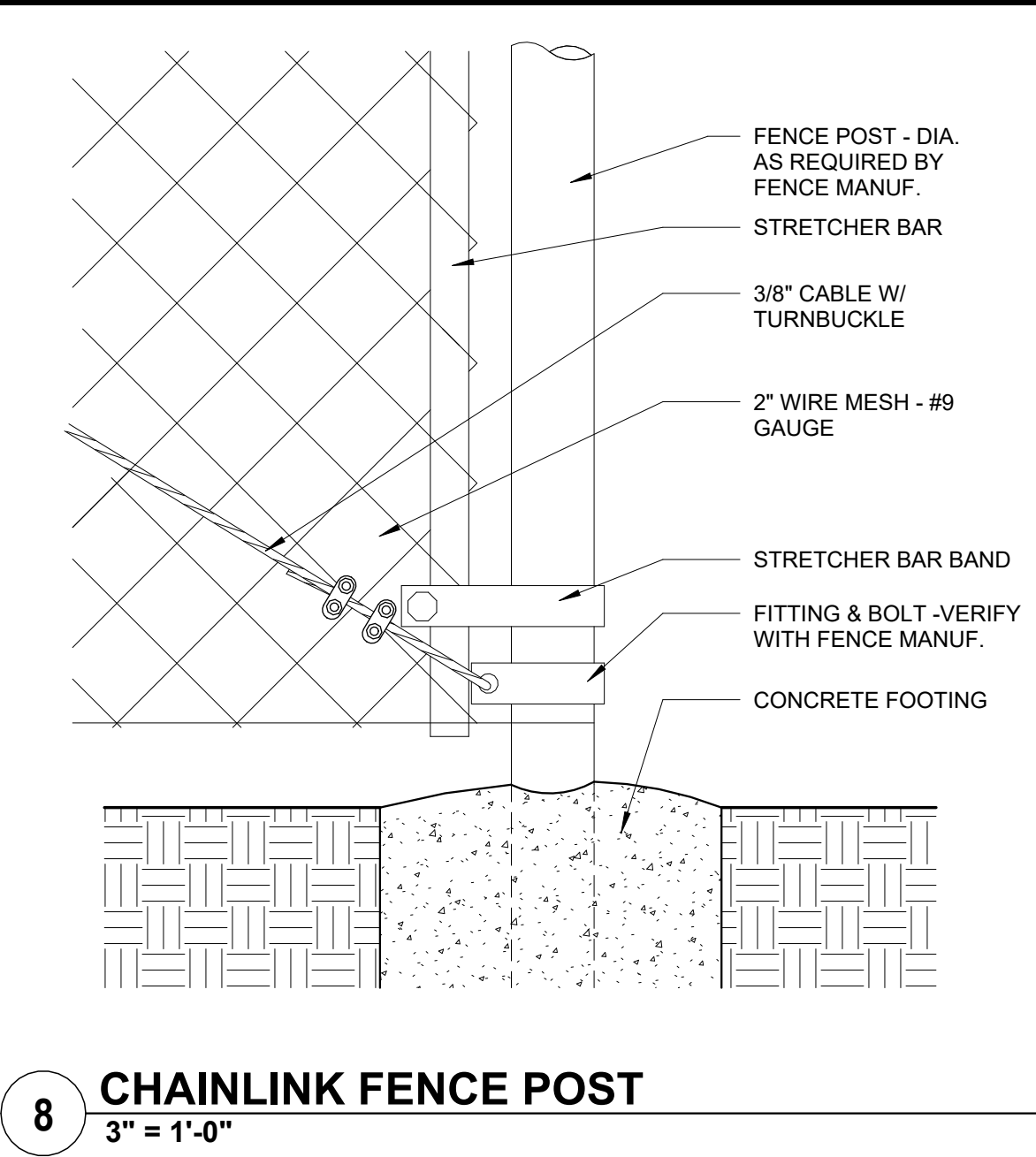
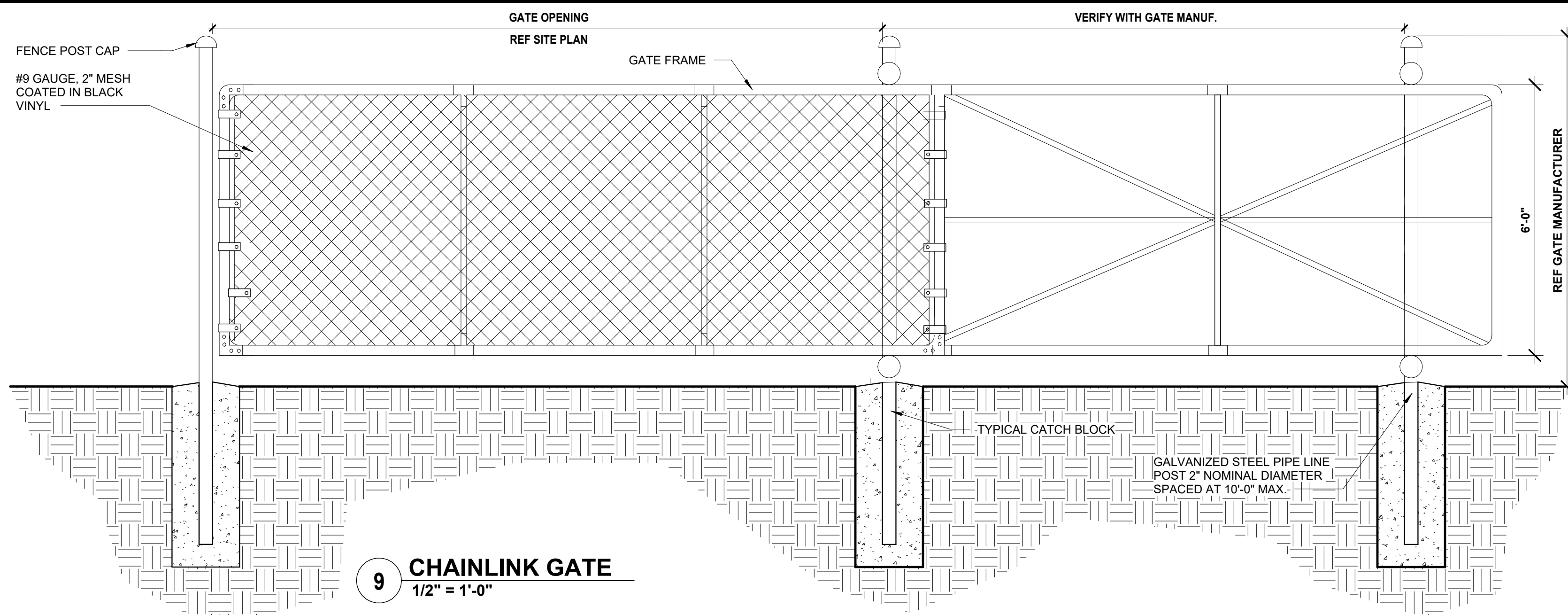


24-096 11-06-2025 11:56:46 AM AutoCAD 2024 Craighead Electric Maintenance Shop 12.000, Enlarged Site Maintenance Shop.dwg



COLOR LEGEND	
TAG	COLOR
P-4	SAFETY YELLOW

KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
07.01	PREFINISHED DOWNSPOUT
32.01	6\" DIA. 30\" HIGH CONCRETE FILLED GALVANIZED STEEL. REF 3 / A101

SHEET NOTES	
1.	CONTRACTOR TO COORDINATE DEMOLITION WORK SEQUENCE. REFERENCE PHASING DRAWINGS WHERE APPLICABLE.
2.	FOR FINISH INFORMATION, REF A510



CRAIGHEAD ELECTRIC
MAINTENANCE SHOP ADDITION
4314 STADIUM BLVD.
JONESBORO, ARKANSAS

PROJECT TITLE

CONTENTS

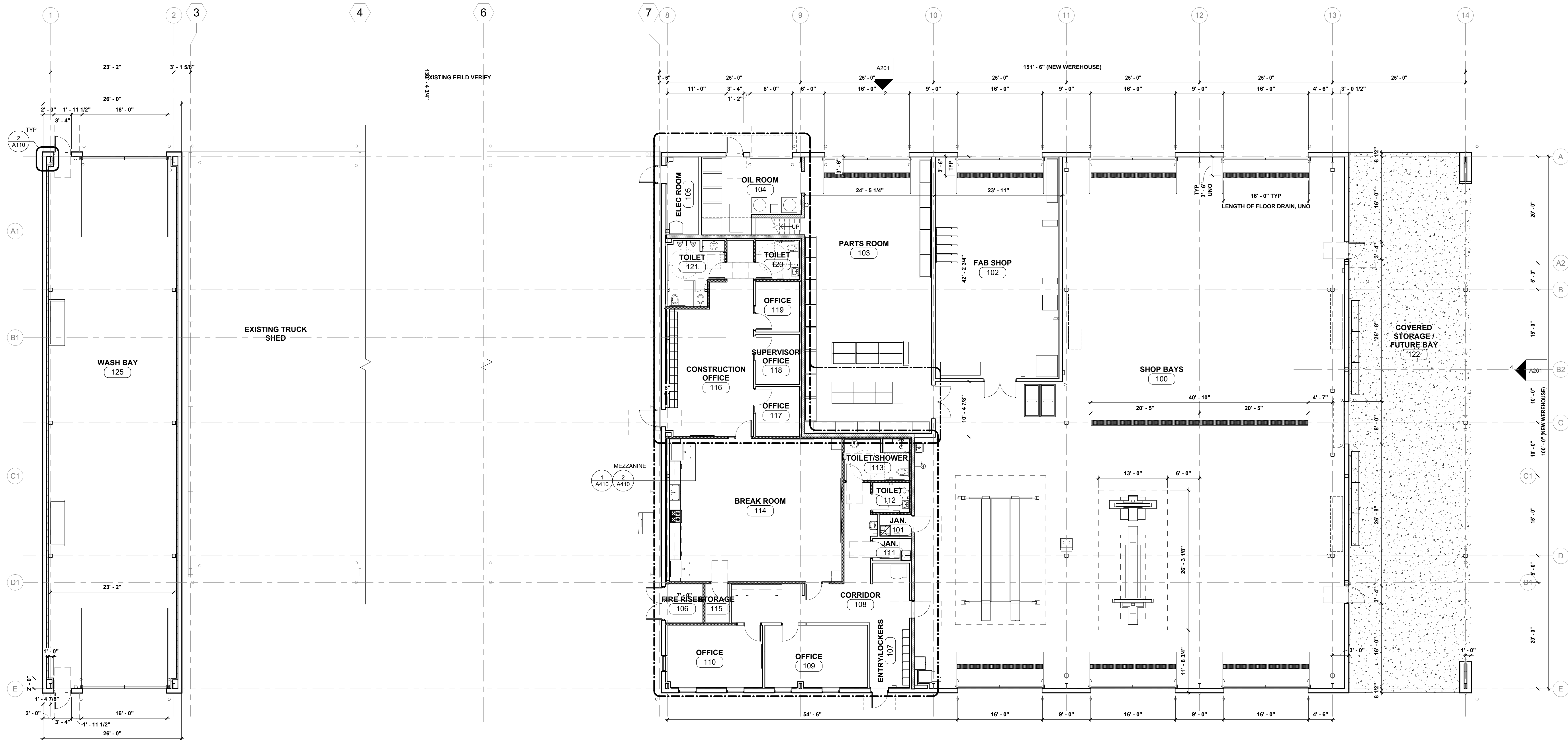
NO.	DATE	DESCRIPTION
-----	------	-------------

24-096
JOB. NO.
02.14.2025
DATE

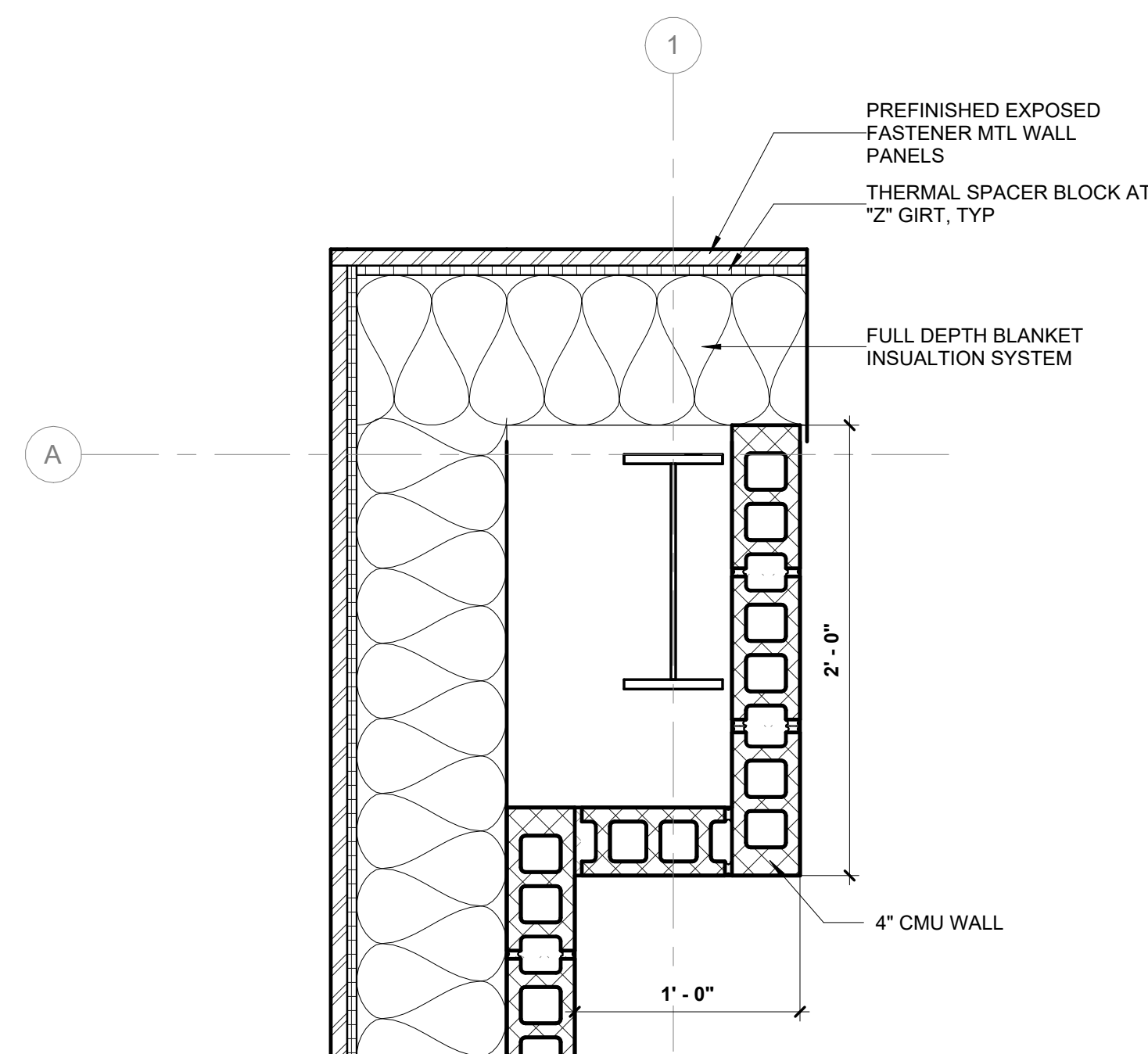
ISSUE
A101

2/14/2025 11:52:46 AM Autodesk AutoCAD Electrical Maintenance Shop 12.006, English (Imperial) R24.14

1 DIMENSIONED FLOOR PLAN
1/8" = 1'-0"

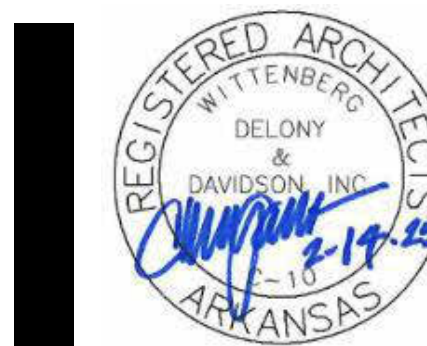


2 CORNER DETAIL - WASH BAY
1 1/2" = 1'-0"



- SHEET NOTES**
1. ALL DRYWALL JOINTS TO BE TAPED.
 2. ALL DRYWALL BELOW FINISHED CEILING TO BE PREPARED FOR PAINTING AS INDICATED ON INTERIOR ELEVATIONS AND FINISH SCHEDULE.
 3. CONTRACTOR TO INSTALL WATER RESISTANT GYP BD & FRP AT MOP SINK LOCATIONS. SEE ENLARGED PLANS FOR DETAILS.
 4. PORTABLE FIRE EXTINGUISHER PER NFPA-10 INSTALLED PER PLANS AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
 5. FOR FURNITURE, FIXTURE, AND EQUIPMENT INFORMATION, SEE A511.

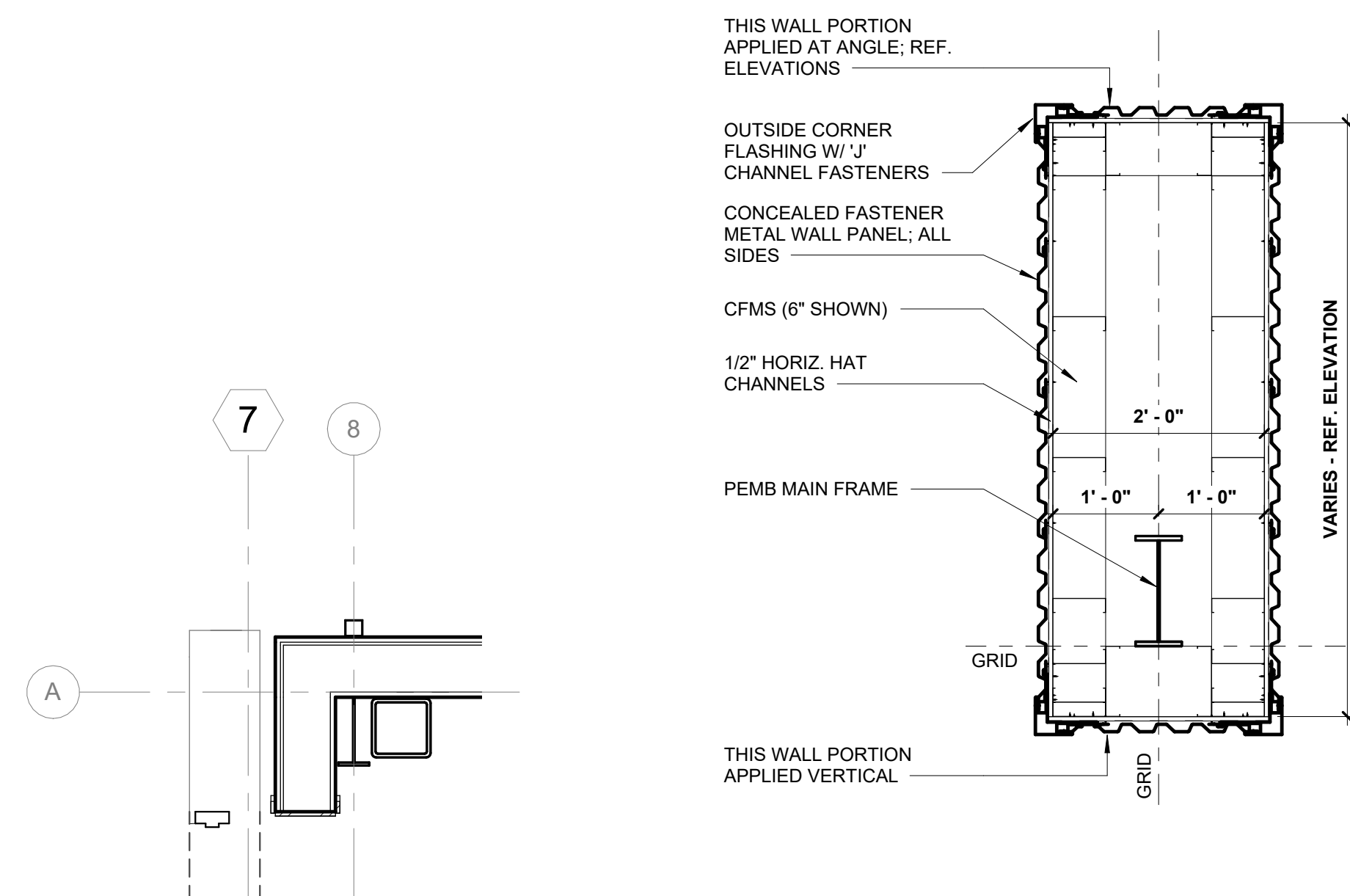
NOTE:
STRUCTURE INTENDED FOR THE BAY CRANE TO BE INSTALLED BY CRANE MANUF.



CODED NOTES - FLOOR PLAN	
NO.	NOTE
1	INSTALL MTL. CLOSURE
2	GC TO PROVIDE SLAB BLOCK (PER MANUF. INSTRUCTIONS) OUT FOR INSTALLATION OF IN GROUND LIFT
3	ALIGN FINISHED FACES
4	STRUCTURE FOR KONEKRAANE TO BE INSTALLED BY OTHERS.

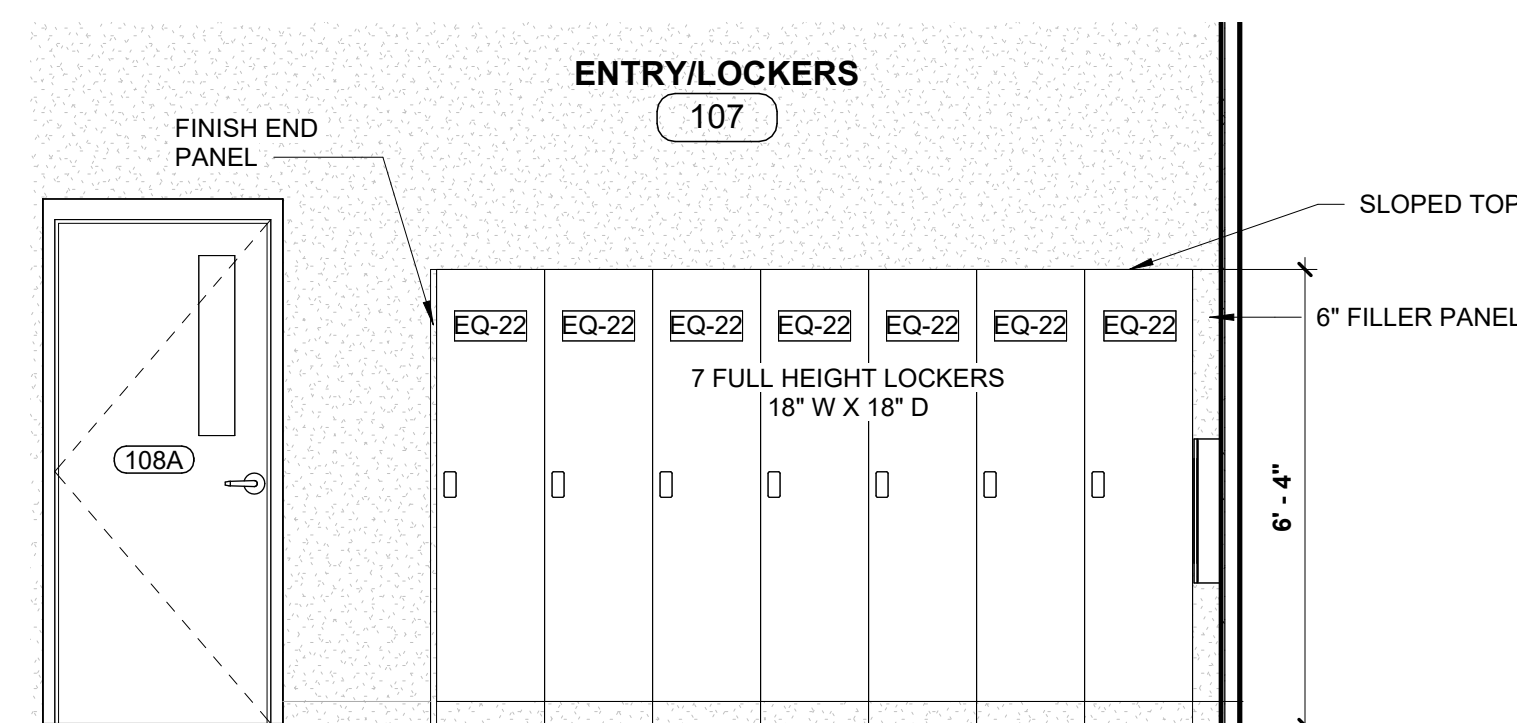
SHEET NOTES	
1.	ALL DRYWALL JOINTS TO BE TAPED.
2.	ALL DRYWALL BELOW FINISHED CEILING TO BE PREPARED FOR PAINTING AS INDICATED ON INTERIOR ELEVATIONS AND FINISH SCHEDULE.
3.	CONTRACTOR TO INSTALL WATER RESISTANT GYP BD & FRP AT MOP SINK LOCATIONS. SEE ENLARGED PLANS FOR DETAILS.
4.	PORTABLE FIRE EXTINGUISHER PER NFPA-10 INSTALLED PER PLANS AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
5.	FOR FURNITURE, FIXTURE, AND EQUIPMENT INFORMATION, REF A511.

KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
05.07	6" DIA, 42" HIGH, GALVANIZED SURFACE MOUNTED BOLLARD, REF 2 / A120
08.01	SECTIONAL OVERHEAD DOOR
22.01	FLOOR DRAIN, REF PLUMB.
32.01	6" DIA, 30" HIGH CONCRETE FILLED GALVANIZED STEEL, REF 3 / A101

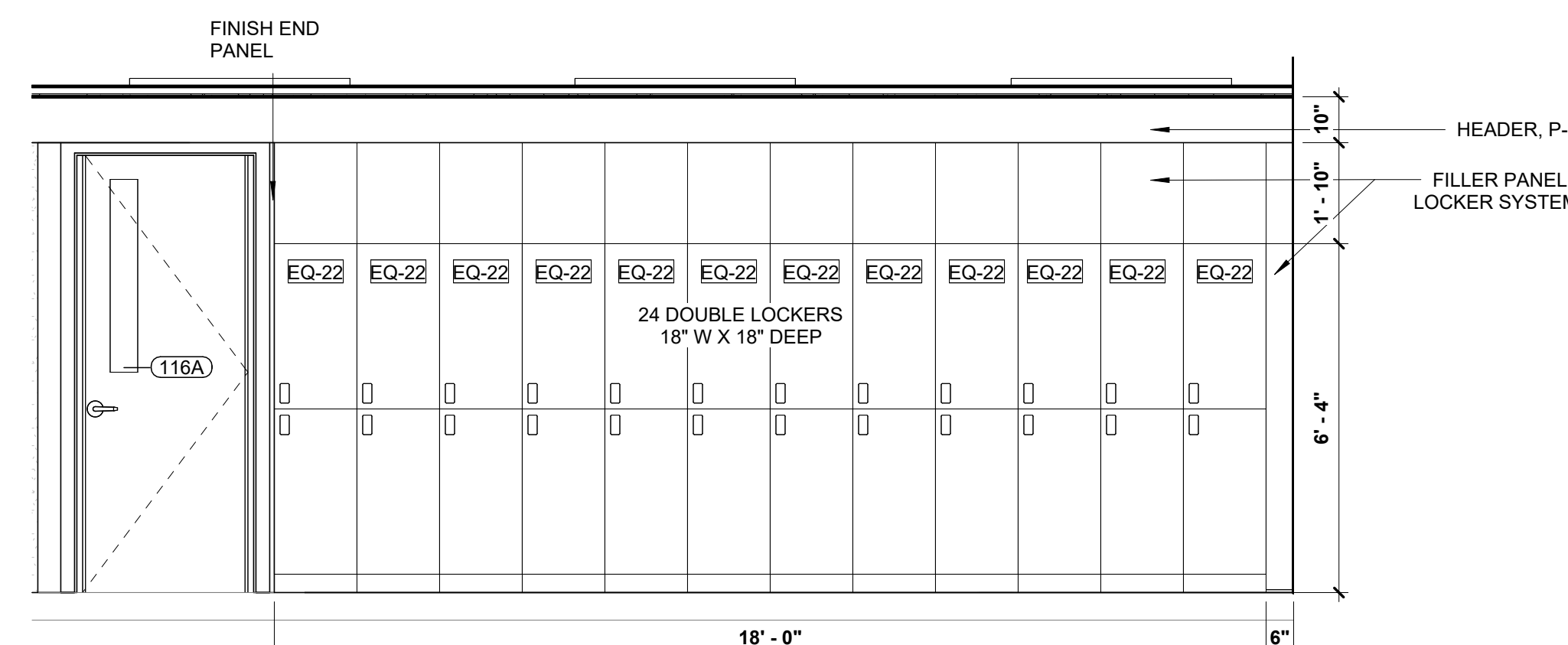


7 DETAIL
1/2" = 1'-0"

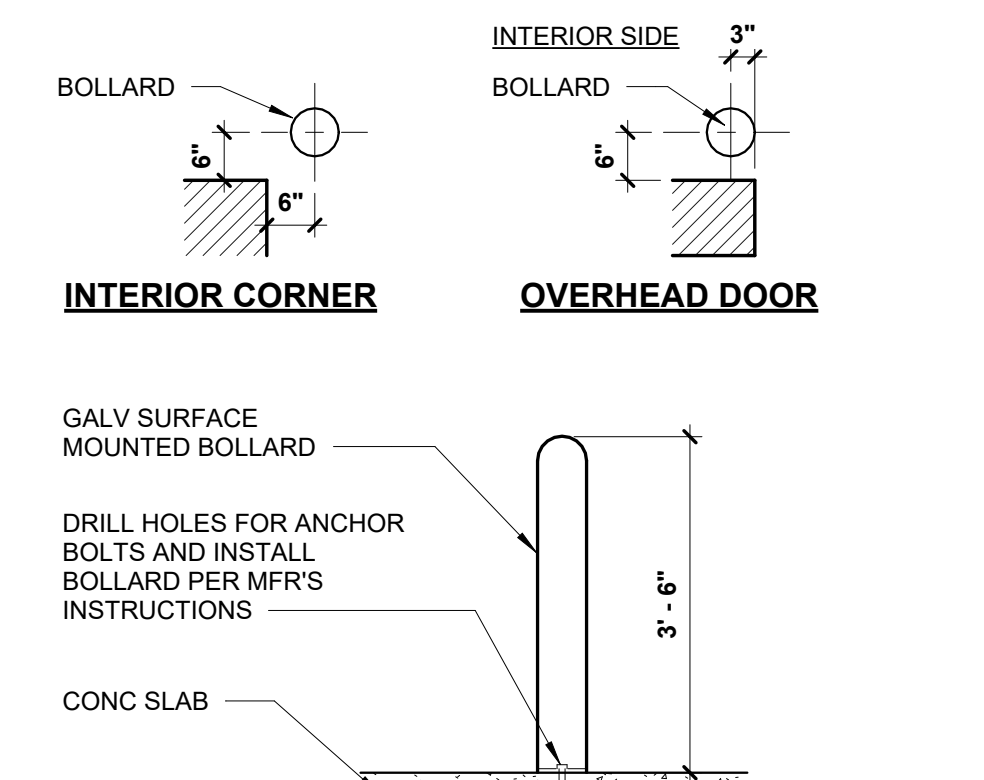
5 COLUMN WRAP
3/4" = 1'-0"



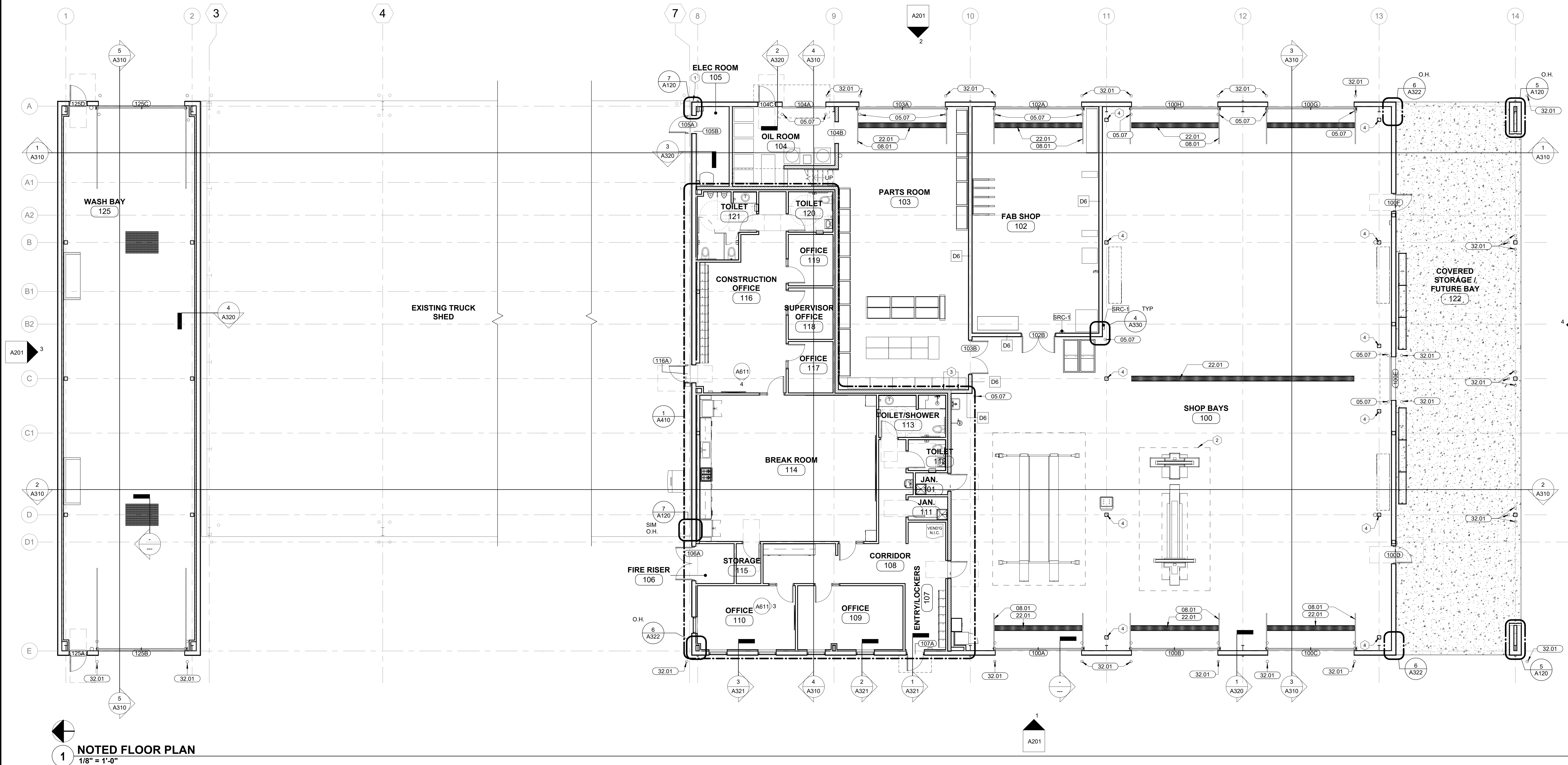
4 LOCKER ELEVATION
3/8" = 1'-0"



3 LOCKER ELEVATION
3/8" = 1'-0"

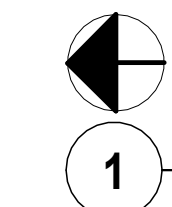


2 SURFACE MUNTED BOLLARD
1/2" = 1'-0"

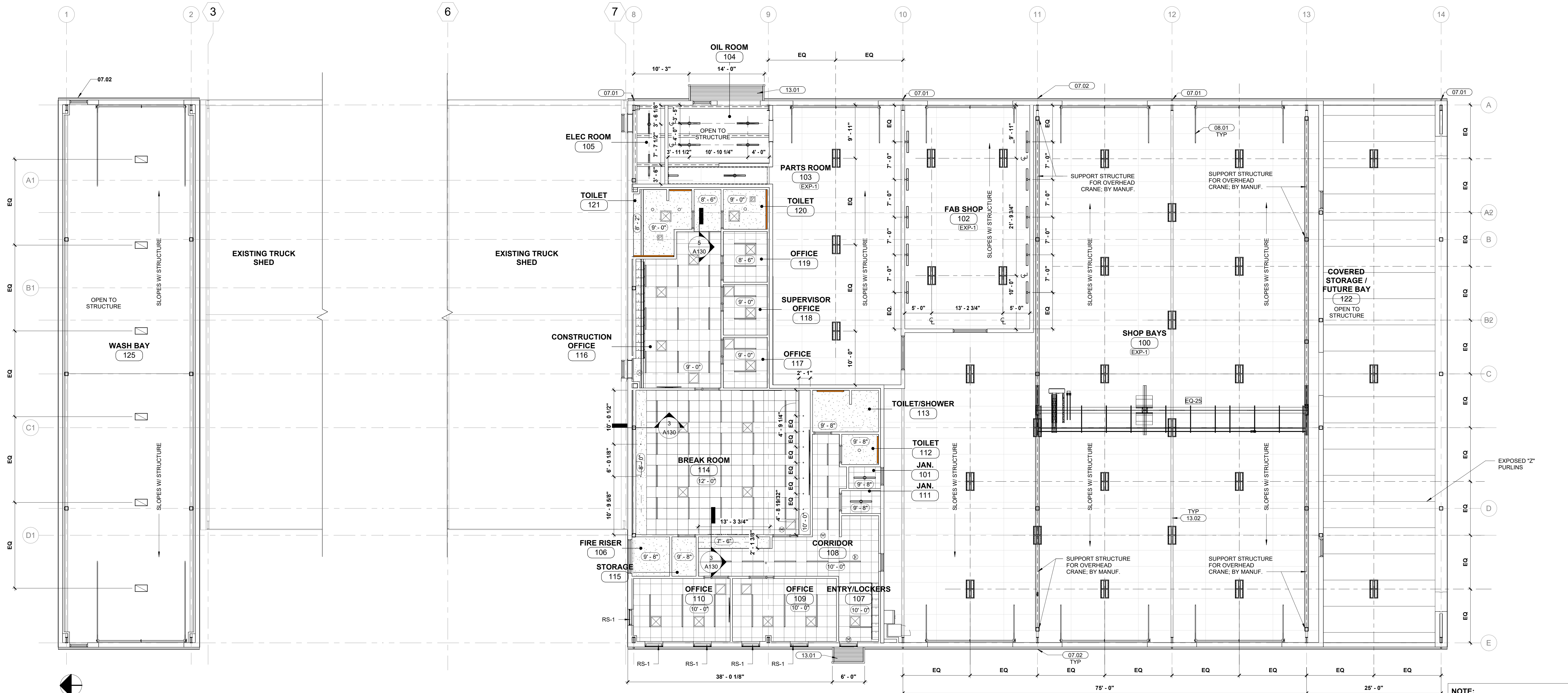


1 NOTED FLOOR PLAN
1/8" = 1'-0"

24/02/2025 11:52:35 AM AutoCAD 2024 (Copyrighted Electric Maintenance Shop 12.096) Engined Inc. Maintenance Shop.rvt



1 REFLECTED CEILING PLAN
1/8" = 1'-0"



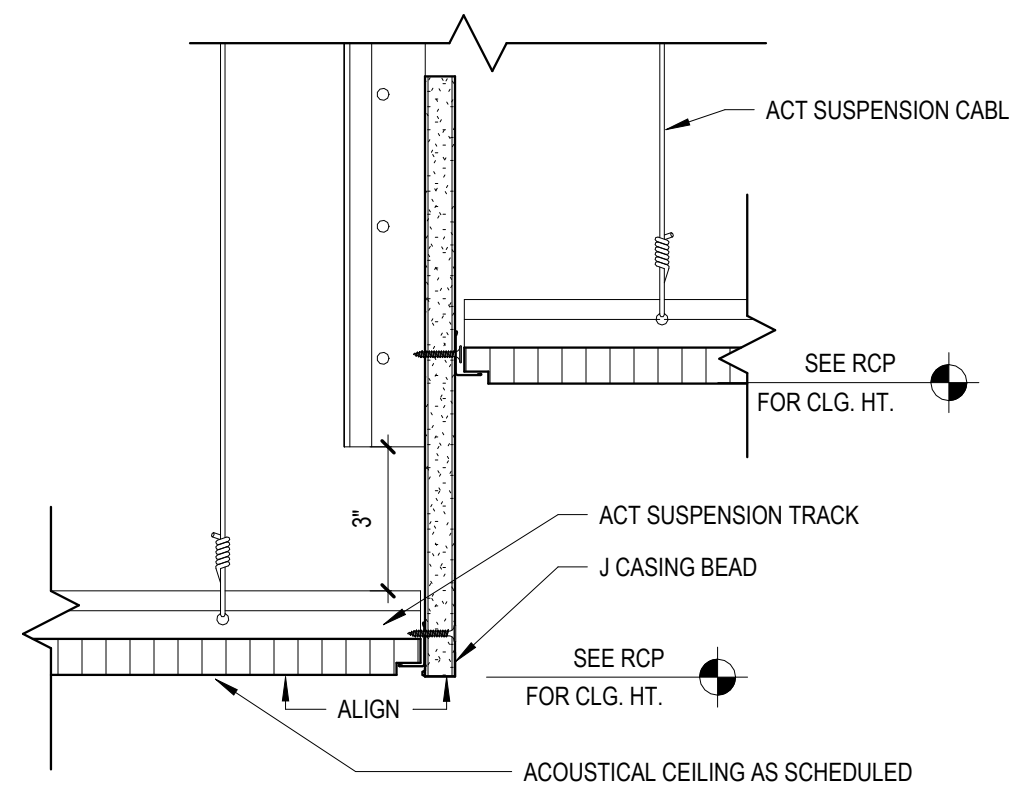
NOTE:
STRUCTURE INTENDED FOR
THE BAY CRANE TO BE
INSTALLED BY CRANE MANUF.

COLOR LEGEND	
TAG	COLOR
EXP-1	FULL DEPTH BLANKET INSULATION SYSTEM
KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
07.01	PREFINISHED DOWNSPOUT
07.02	PREFINISHED GUTTER
08.01	SECTIONAL OVERHEAD DOOR
13.01	PRE-ENGINEERED PRE-FINISHED METAL CANOPY
13.02	PRE-ENGINEERED METAL BUILDING

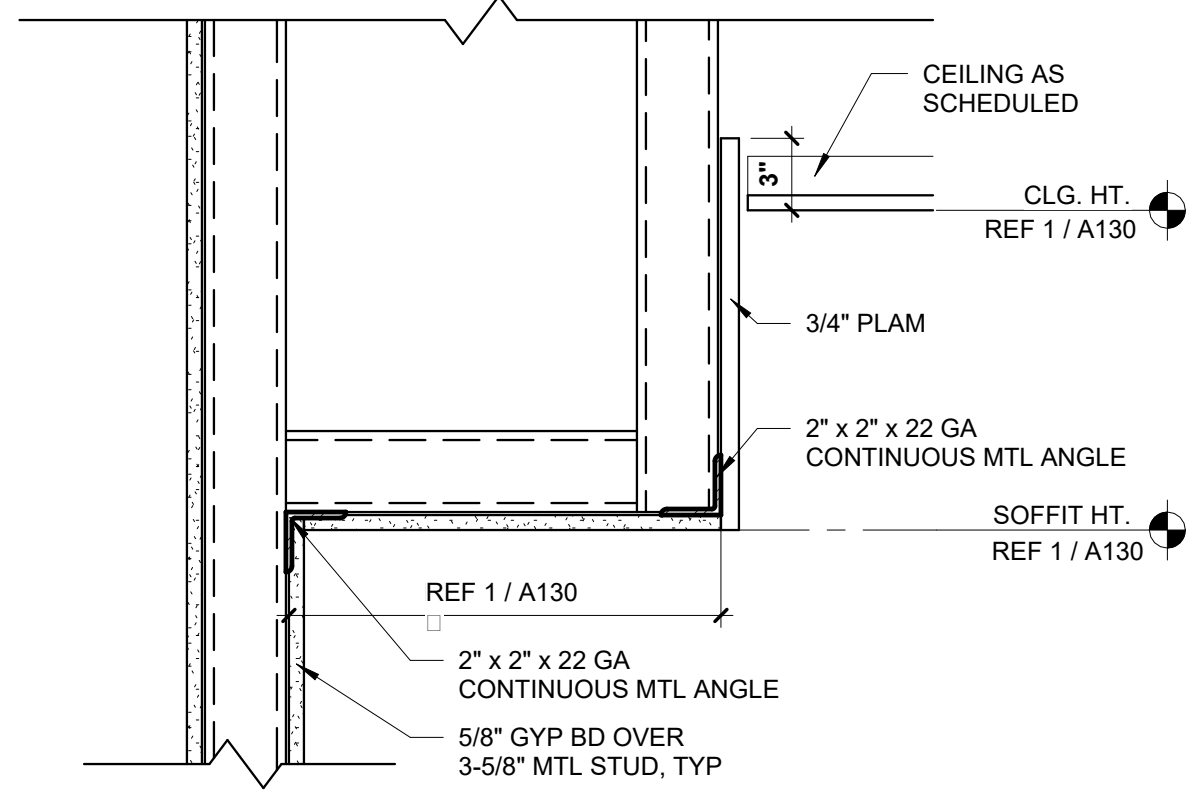
REFLECTED CEILING LEGEND	
	2' x 4' FLUORESCENT LIGHT FIXTURE
	4' x 4' LIGHT FIXTURE
	HIGH BAY LIGHTING
	HIGH BAY LIGHTING (WET LOCATION)
	RECESSED CAN LIGHT
	HVAC RETURN REGISTER
	HVAC SUPPLY REGISTER
	HVAC EXHAUST REGISTER
	WALL MOUNTED LIGHT FIXTURE CENTERLINE AT 10'-0" AFF.
	SURFACE MOUNTED LIGHT FIXTURE
	EXIT SIGN
NOTE: REF ELECTRICAL DRAWINGS FOR ADDITIONAL POWER AND LIGHTING DEVICES.	

- | SHEET NOTES | |
|-------------|---|
| 1. | REFERENCE MECHANICAL AND ELECTRICAL DRAWINGS FOR MOUNTING LOCATIONS OF ITEMS WHERE NO CEILING IS REQUIRED OR INDICATED. |
| 2. | CEILING GRID SHALL BE SUPPORTED FROM STRUCTURAL MEMBERS ONLY. GRID SHALL NOT BE SUPPORTED FROM OTHER TRADES WORK. |
| 3. | ALL FINISH CALLOUTS AT GYP CEILINGS ARE FOR UNDERSIDES OF CEILINGS, SOFFITS, AND HEADERS UNLESS NOTED OTHERWISE ON REFLECTED CEILING PLAN REF FINISH FLOOR PLAN FOR ALL WALL / VERTICAL SURFACE FINISHES. |
| 4. | REF ELEC FOR EMERGENCY LIGHTING LOCATIONS |
| 5. | LIGHTS, DIFFUSERS, EXIT SIGNS, SMOKE DETECTORS, SPEAKERS, STROBES AND MISCELLANEOUS DEVICES SHALL BE CENTERED IN THE CEILING TILE IN WHICH THEY OCCUR, UNLESS NOTED OTHERWISE. |
| 6. | SPRINKLER HEADS ARE NOT SHOWN ON ARCHITECTURAL REFLECTED CEILING PLANS. CONTRACTOR TO INSTALL SUFFICIENT HEADS IN ALL SPACES TO PROVIDE 100% COVERAGE AS REQUIRED UNDER NFPA 13 AND OWNERS' INSURANCE COMPANIES' REQUIREMENTS. CENTER ALL SPRINKLER HEADS IN CEILING TILES AND GYPSUM BOARD CEILINGS. |
| 7. | ALL CORRIDOR SPRINKLER HEADS SHALL BE ALIGNED IN THE SAME LOCATION PARALLEL TO THE WALL WITHIN EACH SPECIFIC CEILING CONSTRUCTION. ARCHITECTURALLY SIGNIFICANT SPRINKLER HEAD LOCATIONS MAY BE SHOWN ON REFLECTED CEILING PLAN FOR DESIGN INTENT ONLY. |
| 8. | FOR CEILING FINISH INFORMATION, REF AS10. |
| 9. | VERIFY WITH MECHANICAL DRAWINGS, CEILING REGISTER SIZE, TYPE, AND DENSITY. |
| 10. | VERIFY WITH ELECTRICAL DRAWINGS, LIGHT FIXTURE SIZE, TYPE AND QUANTITY. |

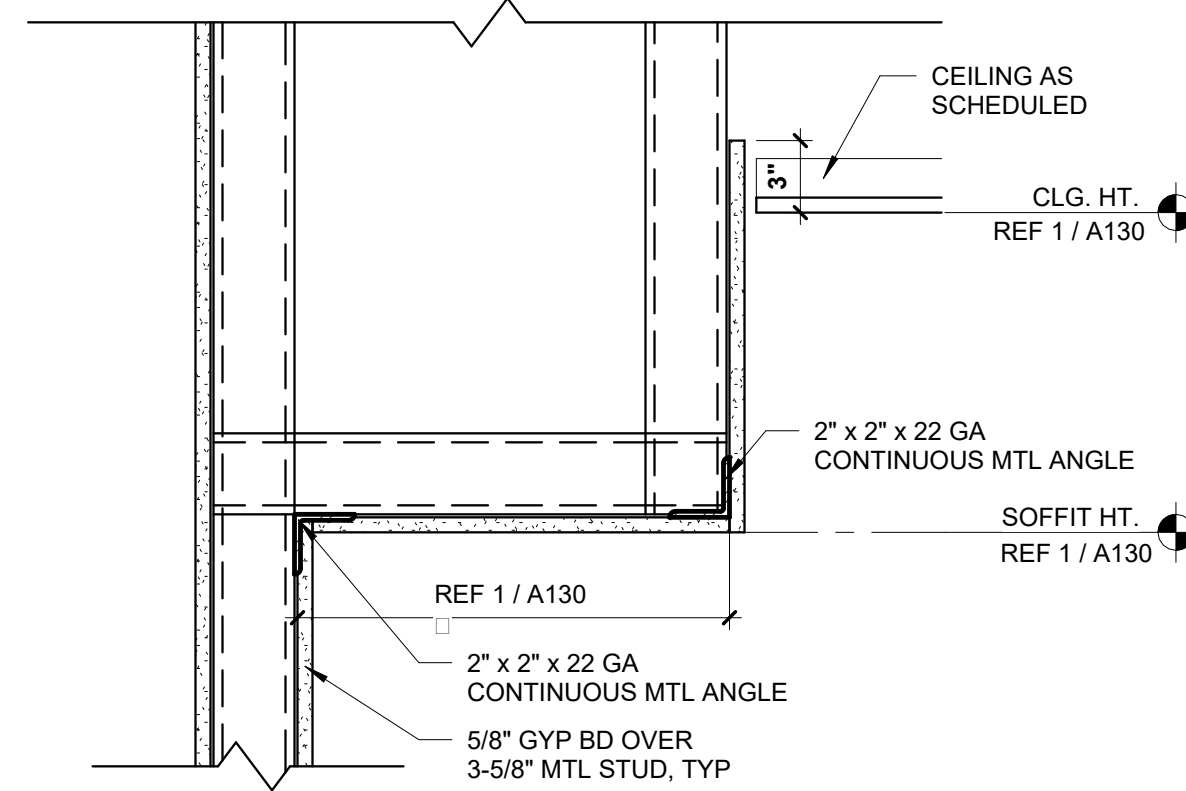
5 GWB SOFFIT AT CHANGE OF HEIGHT - ACT TO ACT
3" = 1'-0"



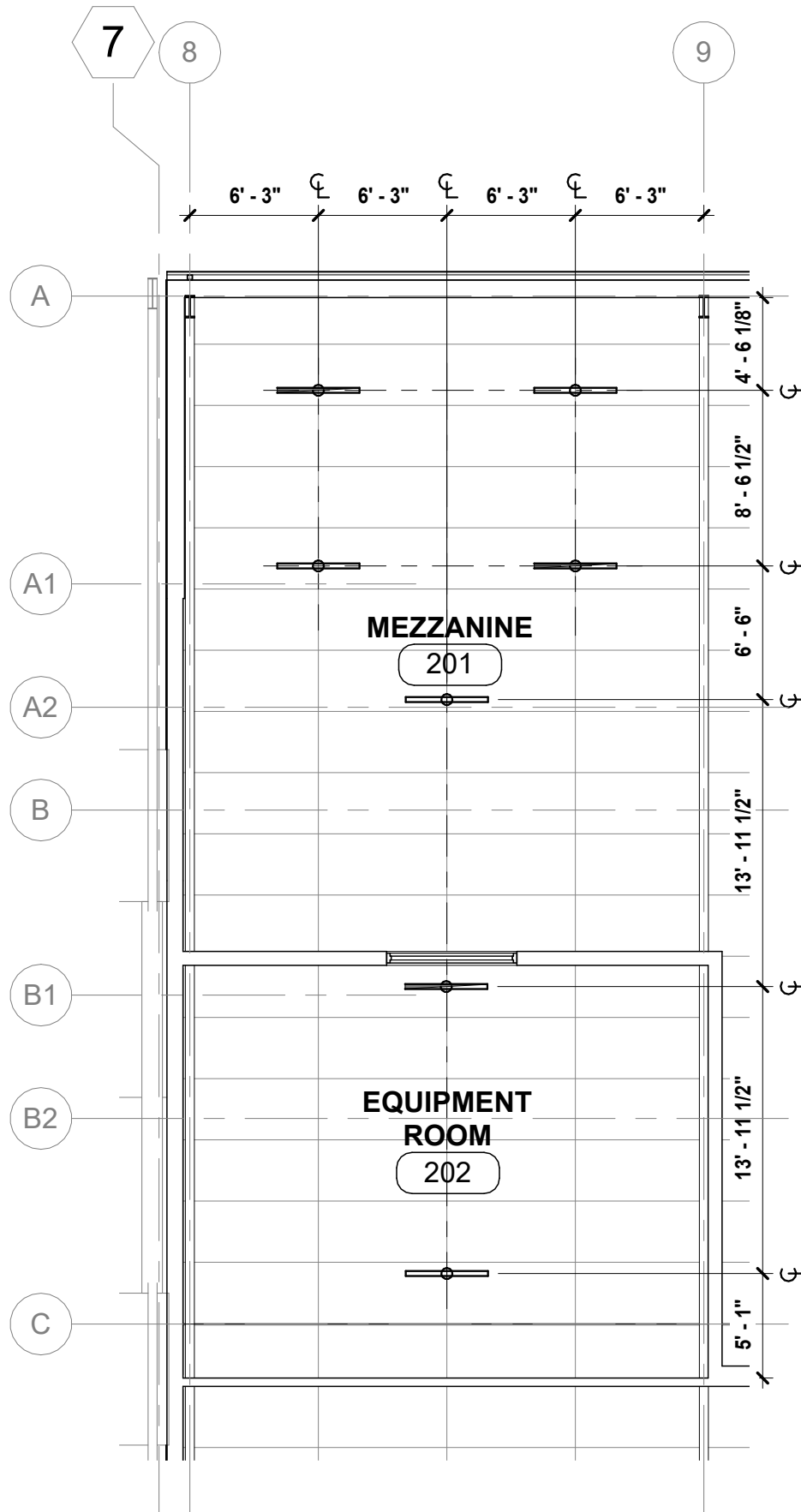
4 PLAM SOFFIT
1 1/2" = 1'-0"



3 SOFFIT
1 1/2" = 1'-0"



2 REFLECTED CEILING PLAN - MEZZANINE
1/8" = 1'-0"



SHEET

REVISIONS

CONTENTS

PROJECT TITLE

A130

ISSUE

DATE

JOB NO.

24-096

NO. DATE DESCRIPTION

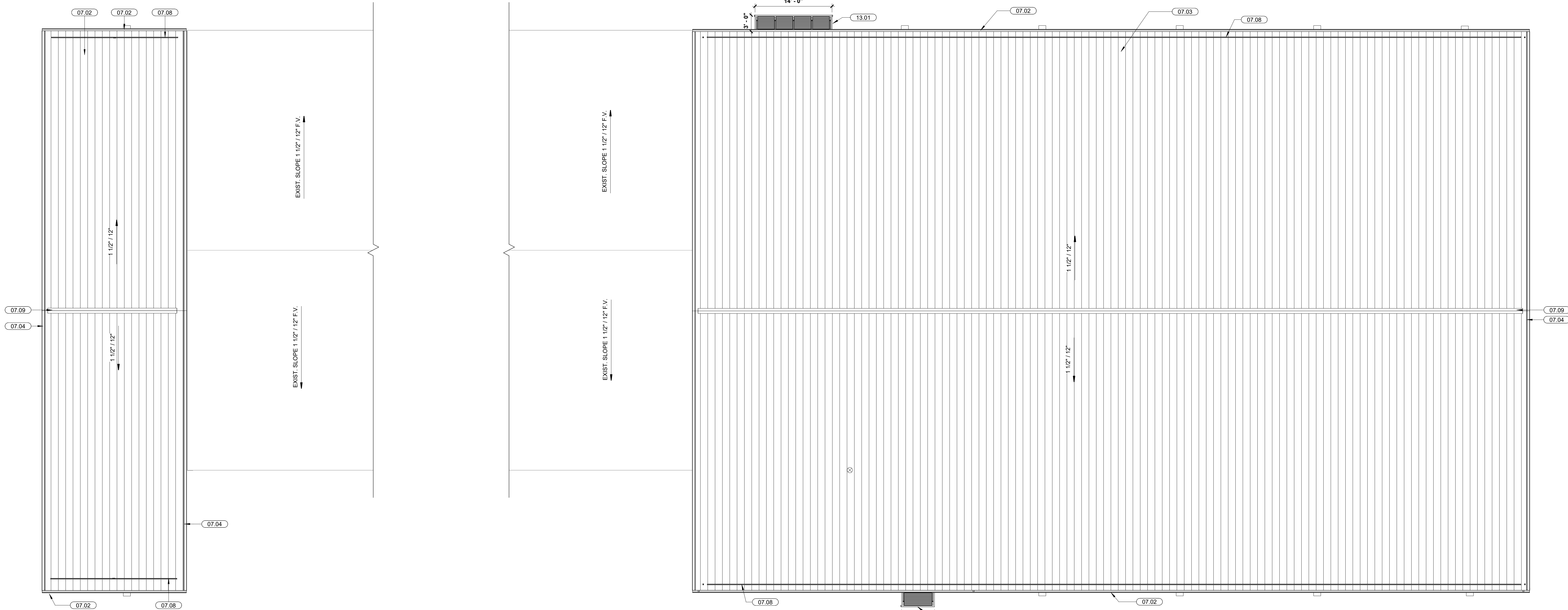
REFLECTED CEILING PLAN

CRAIGHEAD ELECTRIC
MAINTENANCE SHOP ADDITION
4314 STADIUM BLVD.
JONESBORO, ARKANSAS

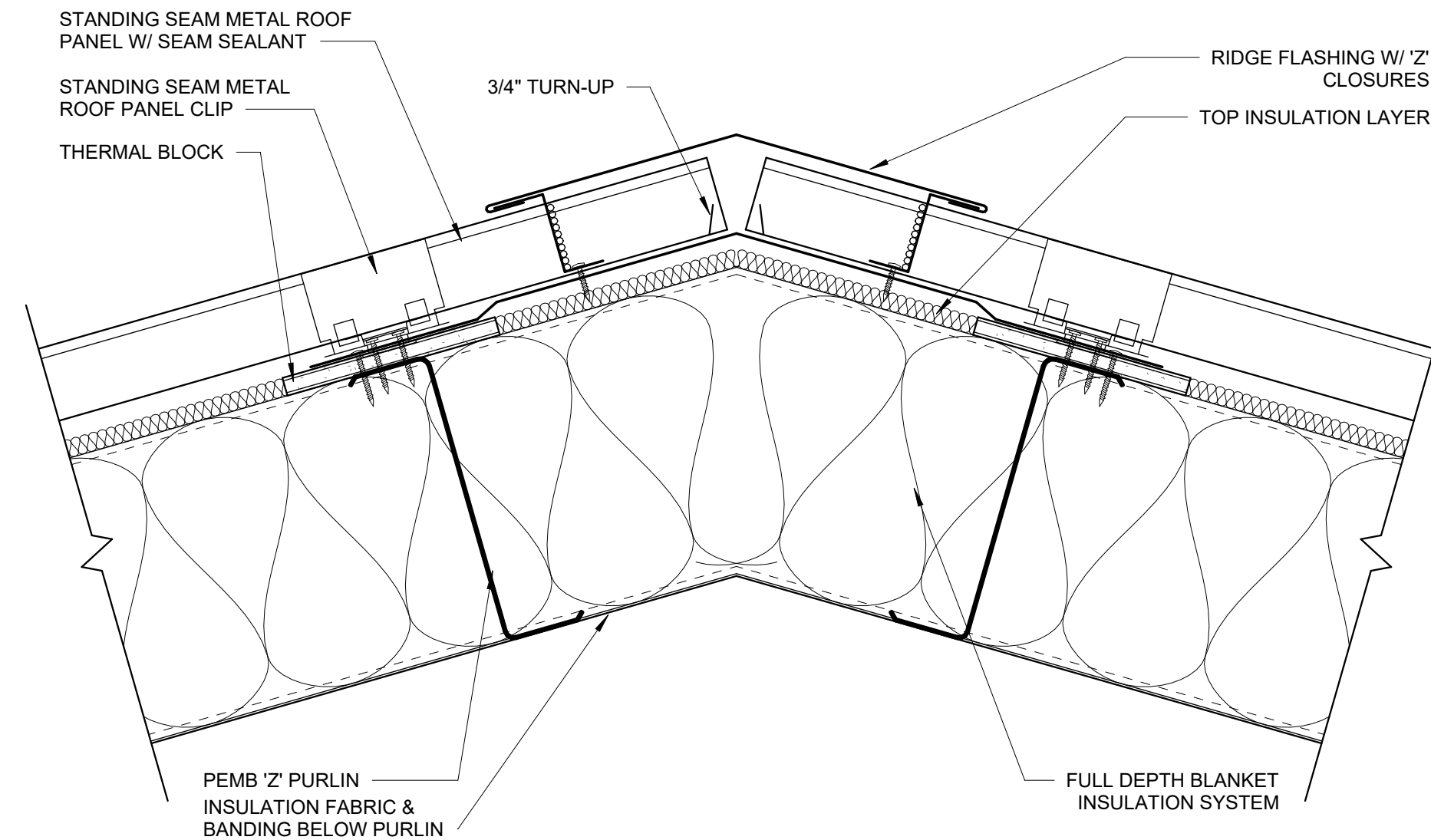


2/14/2025 11:52:36 AM Autodesk ScanToCloudhead Electric Maintenance Shop 24-096, Engraved Eric, Maintenance Shop.rvt

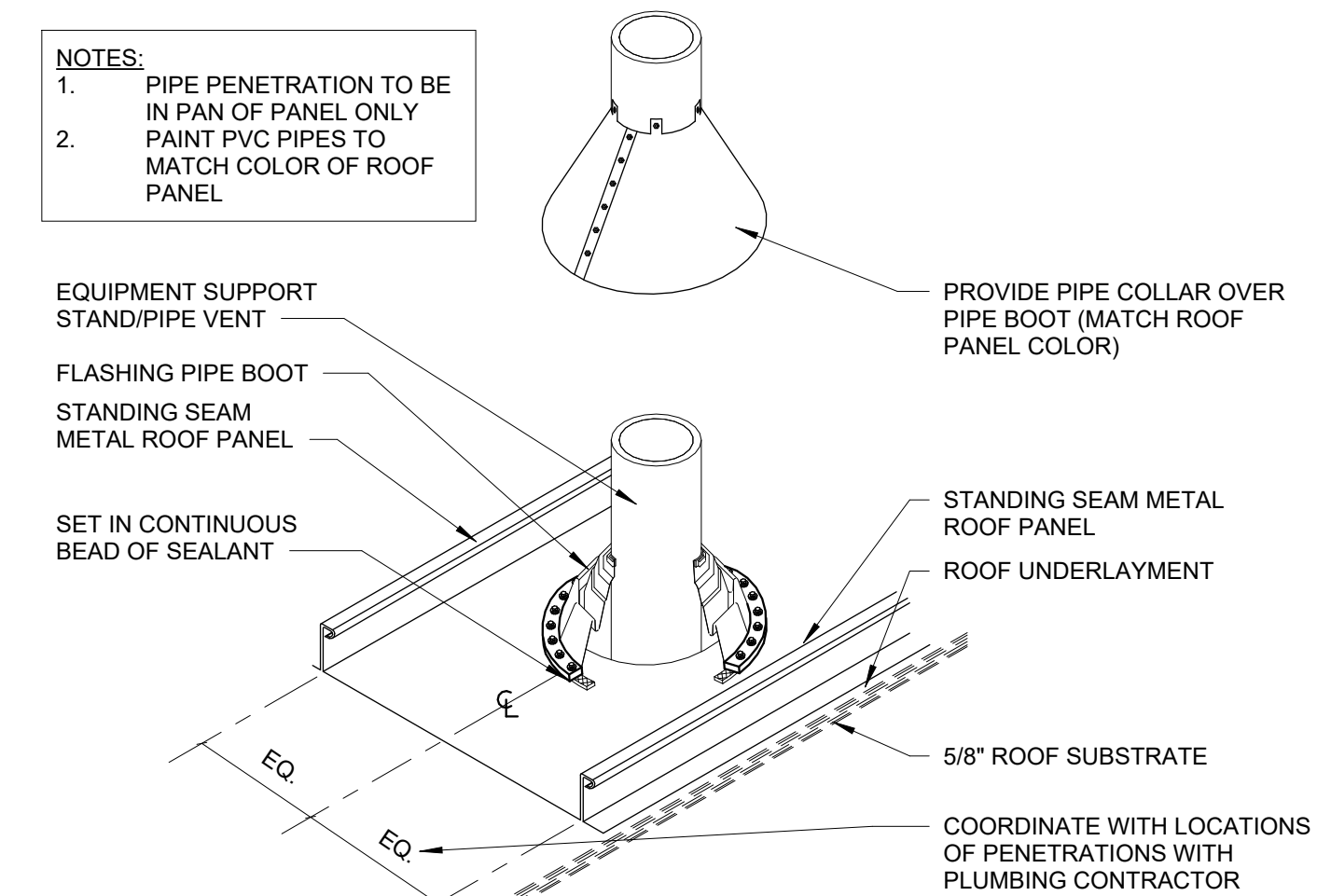
1 ROOF PLAN
1/8" = 1'-0"



3 TYPICAL EXTERIOR ROOF ASSEMBLY - RIDGE DETAIL
3" = 1'-0"

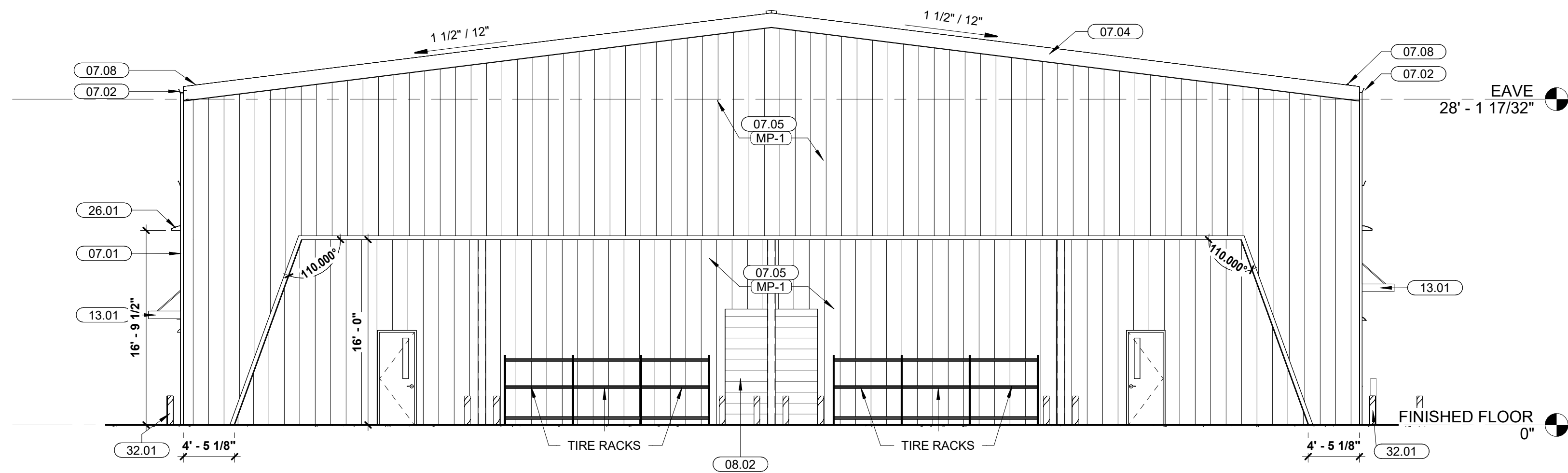


2 ROOF PENETRATION DETAIL
1 1/2" = 1'-0"

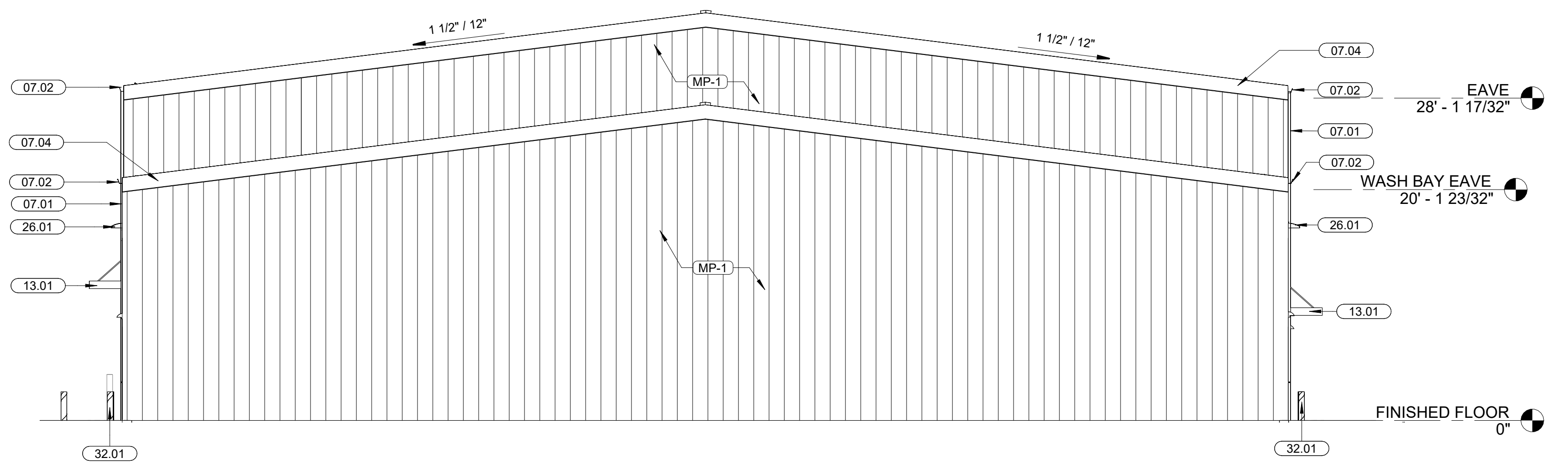


KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
07.02	PREFINISHED GUTTER
07.03	CONCEALED FASTENER STANDING SEAM MTL ROOFING SYSTEM
07.04	RAKE TRIM
07.08	SNOW GUARD, INSTALL PER MFR INSTRUCTIONS
07.09	PREFINISHED RIDGE CAP, REF S / A150
13.01	PRE-ENGINEERED PREFINISHED METAL CANOPY

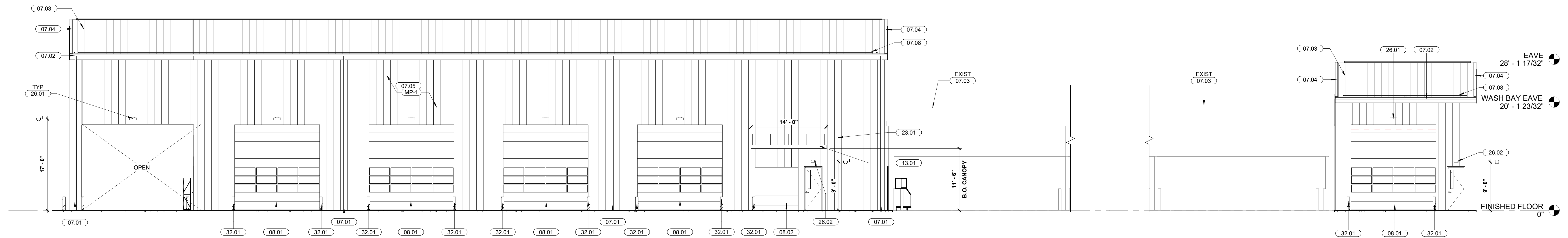
COLOR LEGEND		KEYNOTE LEGEND	
TAG	COLOR	KEYNOTE	DESCRIPTION
MP-1	PREFINISHED CONCEALED FASTENER MTL WALL PANELS	07.01	PREFINISHED DOWNSPOUT
		07.02	PREFINISHED GUTTER
		07.03	CONCEALED FASTENER STANDING SEAM MTL ROOFING SYSTEM
		07.04	RAKE TRIM
		07.05	PREFINISHED CONCEALED FASTENER MTL WALL PANELS
		07.08	SNOW GUARD, INSTALL PER MFR INSTRUCTIONS
		08.01	SECTIONAL OVERHEAD DOOR
		13.01	PRE-ENGINEERED PREFINISHED METAL CANOPY
		23.01	MECHANICAL LOUVER, REF MECH
		26.01	SURFACE MOUNTED EXTERIOR LIGHTING, CENTERED ABOVE BAY DOOR, REF ELEC
		26.02	SURFACE MOUNTED EXTERIOR LIGHTING, CENTERED ABOVE MAN DOOR UNO LOCATE PER ELEVATIONS, REF ELEC
		32.01	6" DIA, 30" HIGH CONCRETE FILLED GALVANIZED STEEL, REF 3 / A101



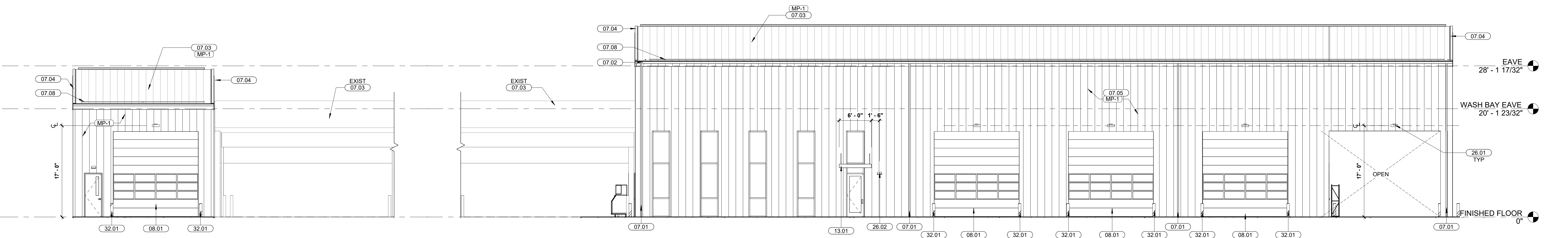
4 SOUTH ELEVATION
1/8" = 1'-0"



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



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



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



CRAIGHEAD ELECTRIC
MAINTENANCE SHOP ADDITION
4314 STADIUM BLVD.
JONESBORO, ARKANSAS

PROJECT TITLE

CONTENTS

EXTERIOR ELEVATIONS

REVISIONS

NO. DATE DESCRIPTION

24-096

JOB. NO.

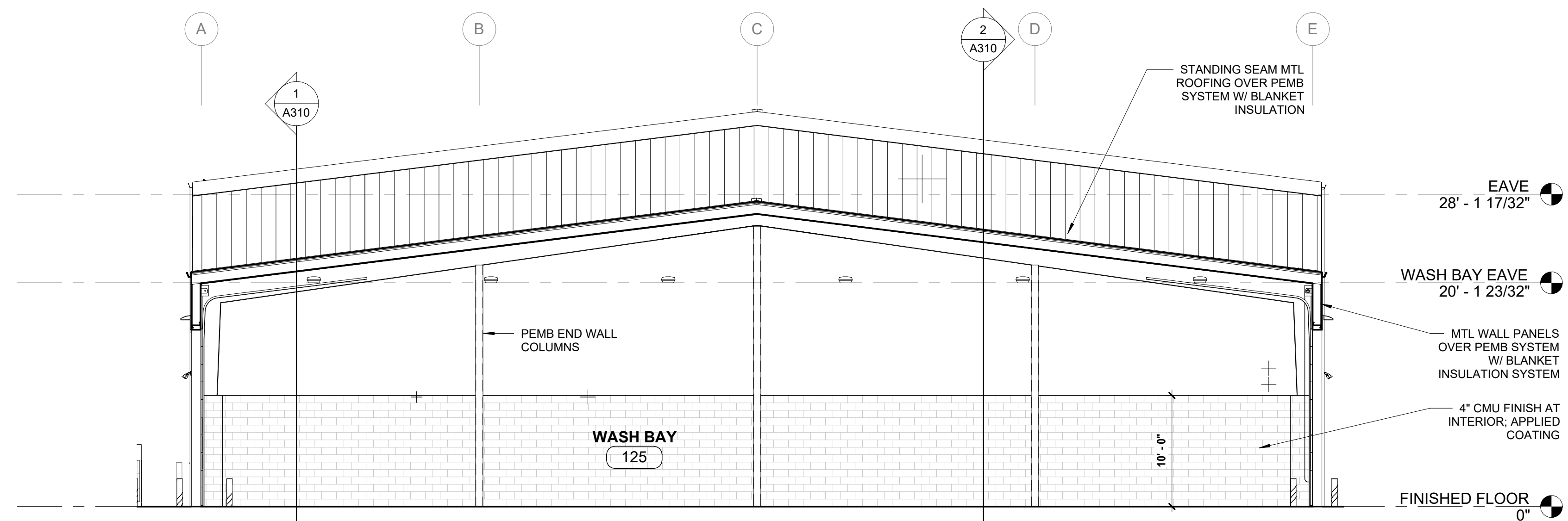
02.14.2025

DATE

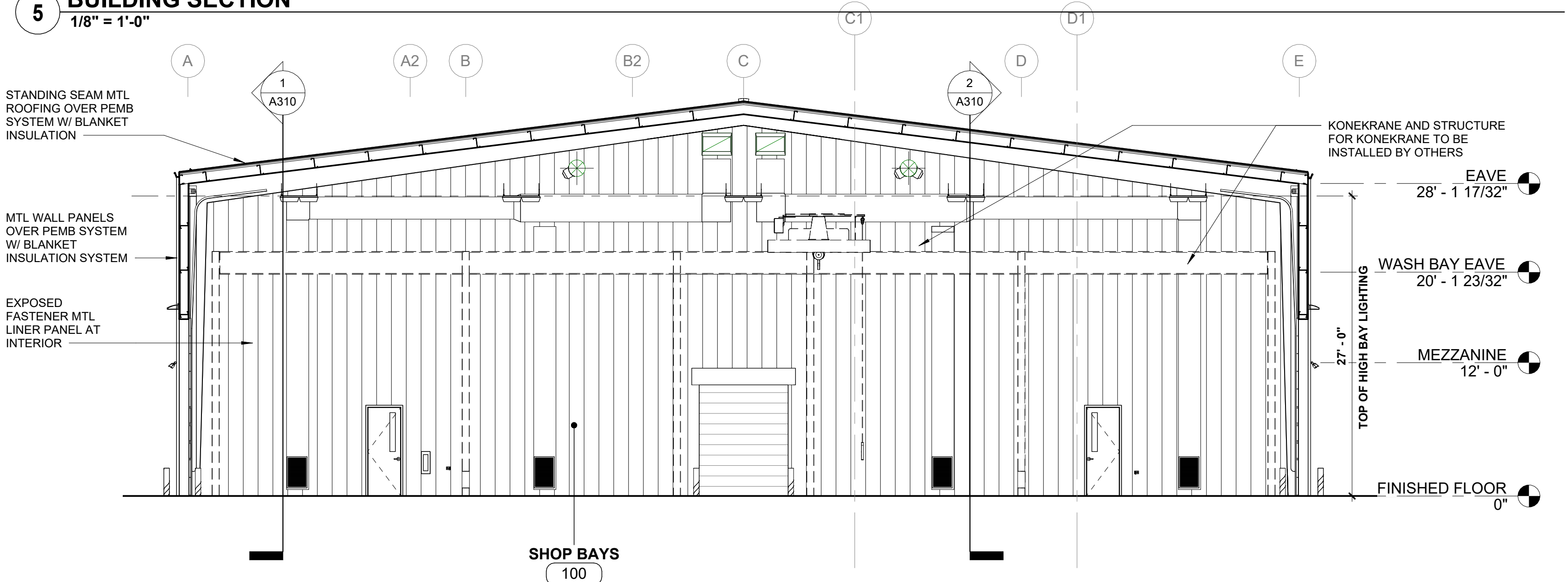
ISSUE

A201

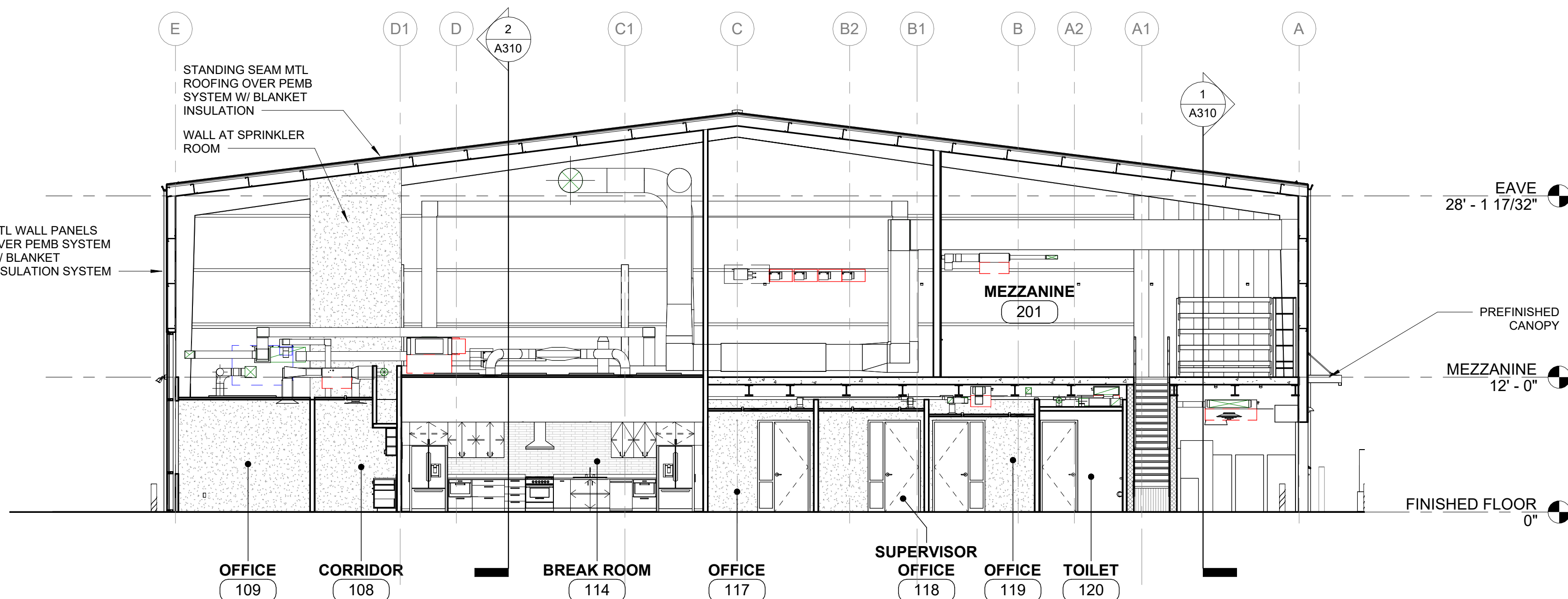
SHEET



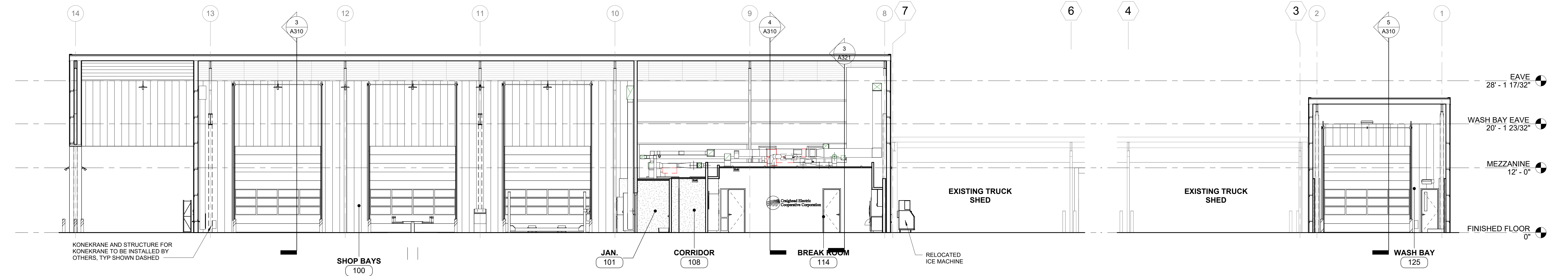
5 BUILDING SECTION
1/8" = 1'-0"



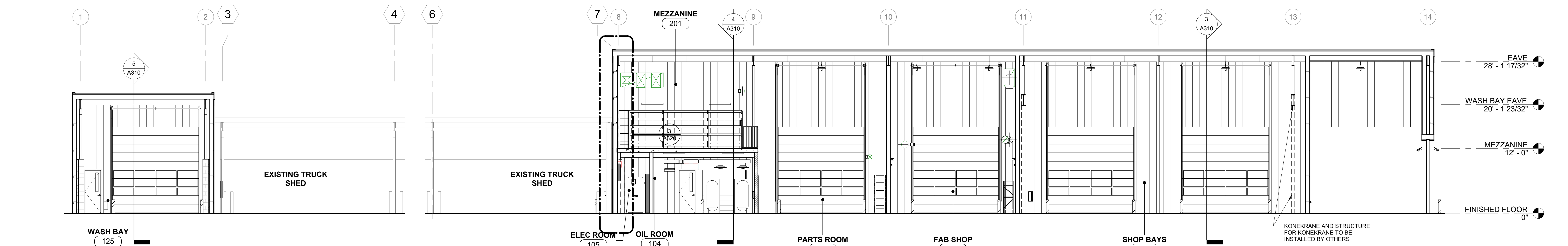
3 BUILDING SECTION
1/8" = 1'-0"



4 BUILDING SECTION
1/8" = 1'-0"



2 BUILDING SECTION
1/8" = 1'-0"



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

4314 STADIUM BLVD.
JONESBORO, ARKANSAS

CONTENTS

NO.	DATE	DESCRIPTION
24-096		
JOB. NO.		
02.14.2025		
DATE		

A320

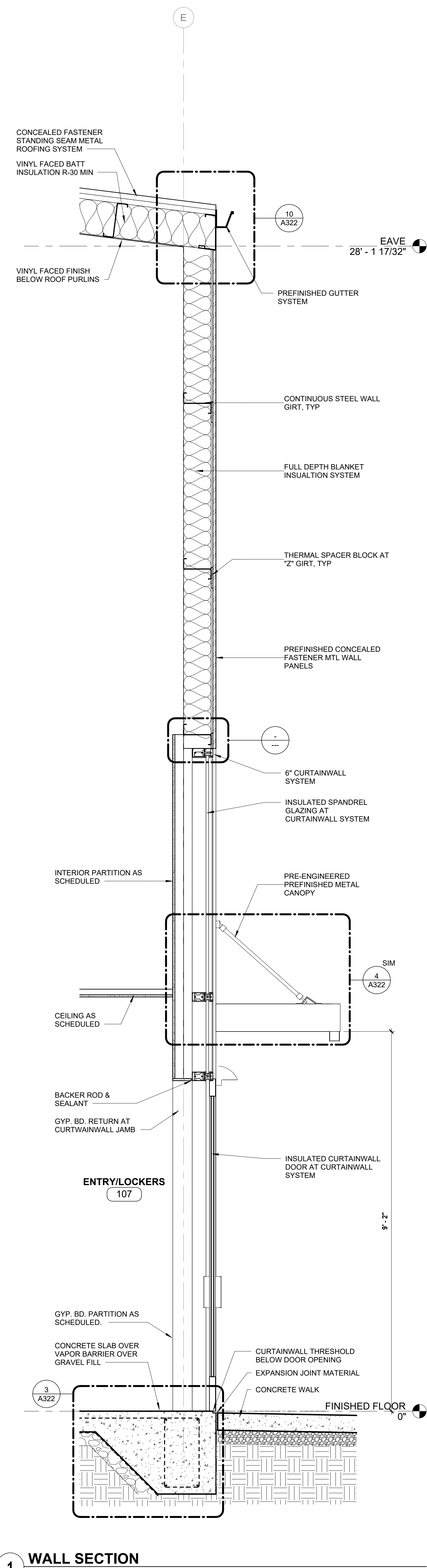
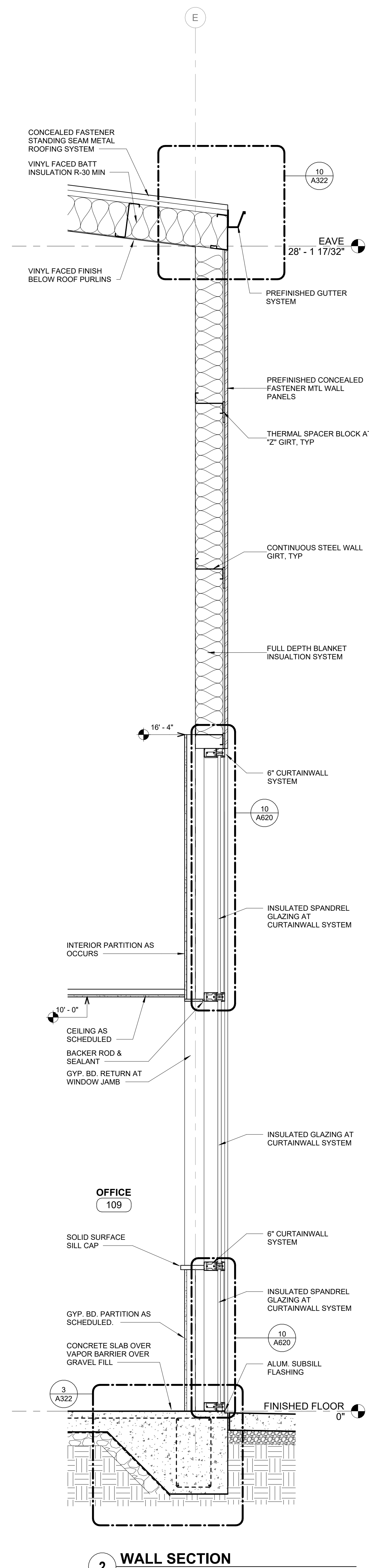
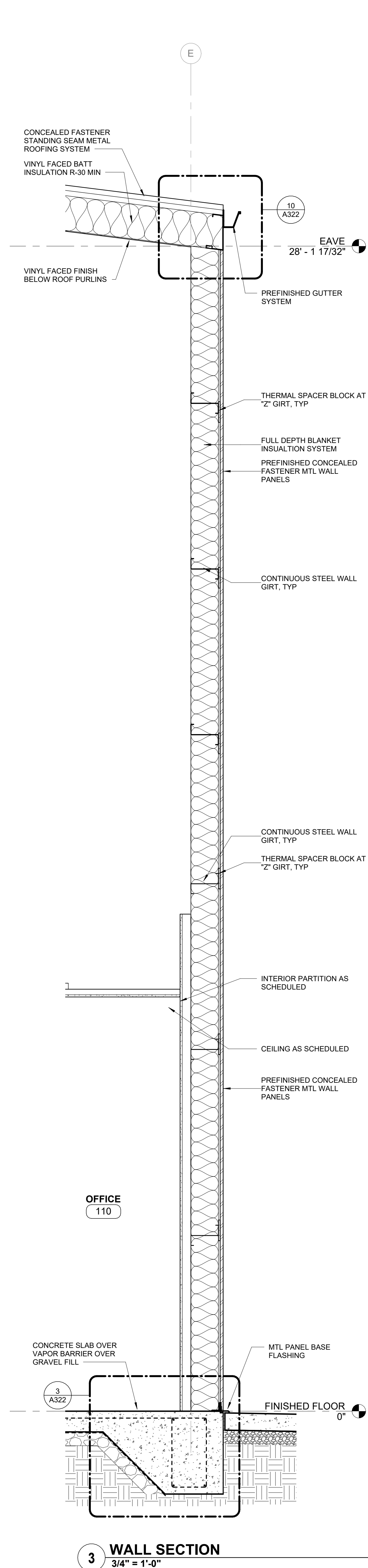
1 WALL SECTION
3/4" = 1'-0"

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

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

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

SHEET





JOHN L. BODINO, JR., ALIYANCAO

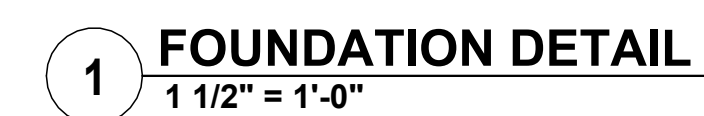
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

EXTERIOR DETAILS

NO.	DATE	DESCRIPTION
-----	------	-------------

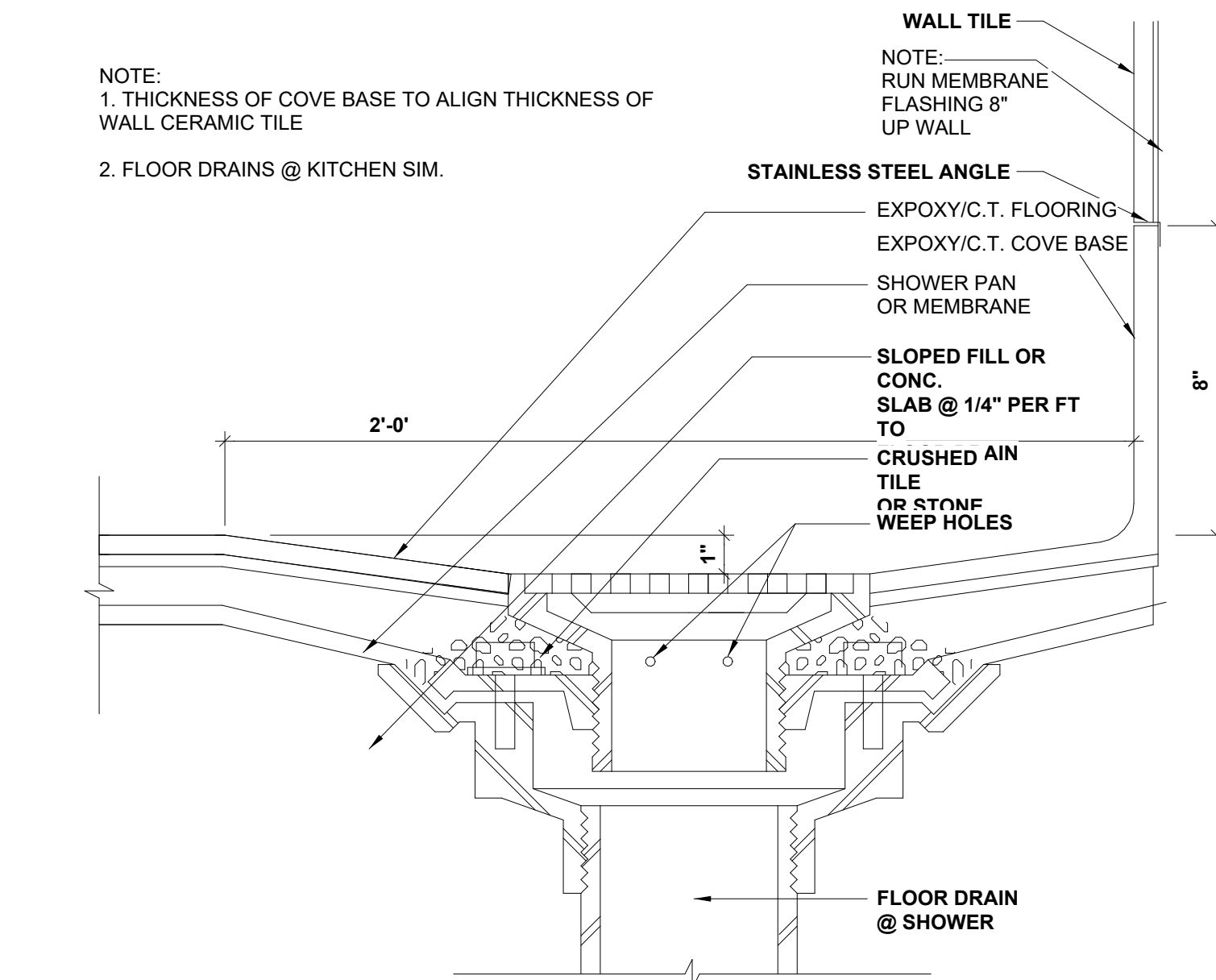
□ □ □ □ □

A322

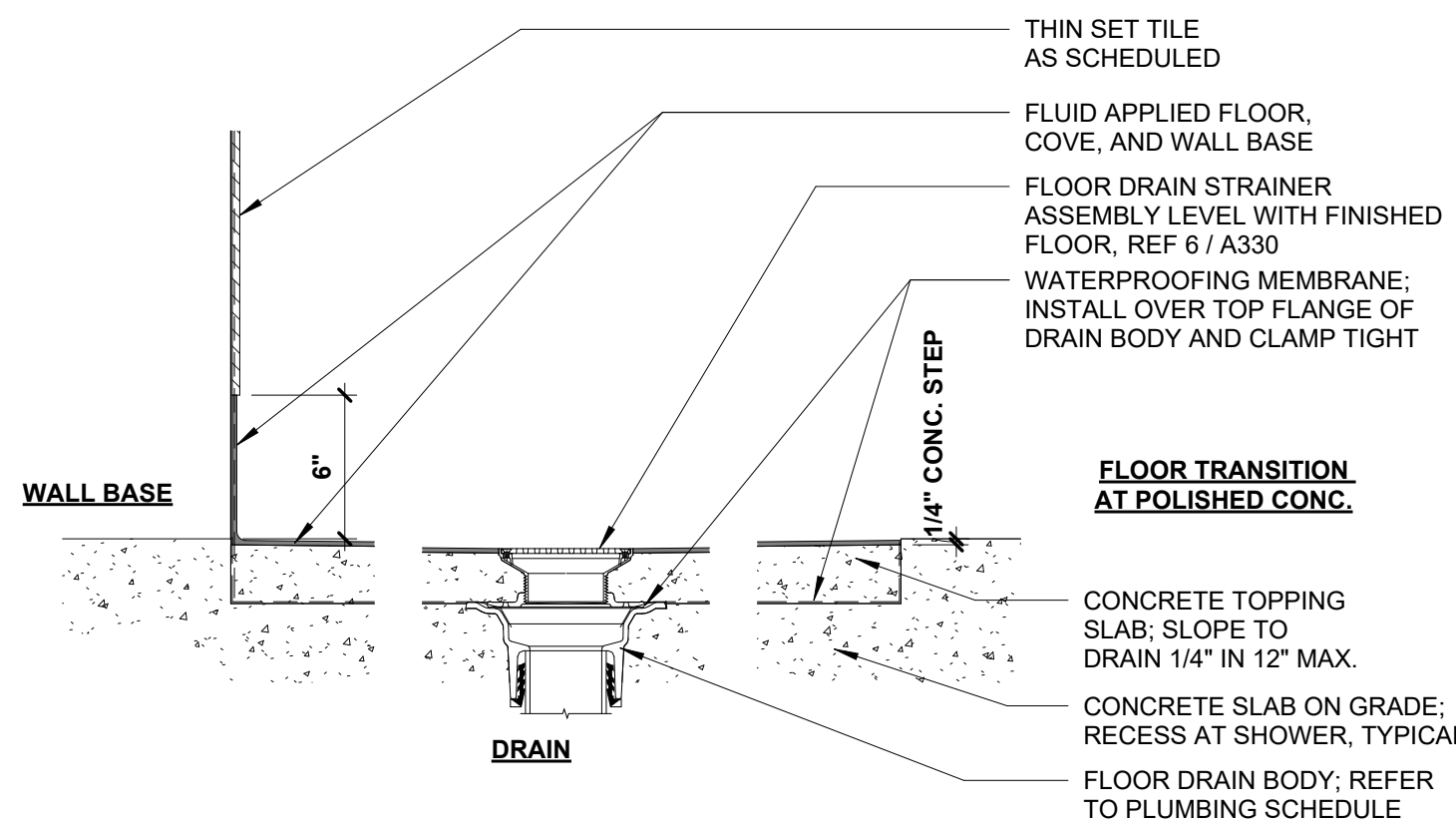


Autodesk Docs\Crailhead Electric Maintenance Shop 24-096_Crailhead Elec_Maintenance_R24.rvt

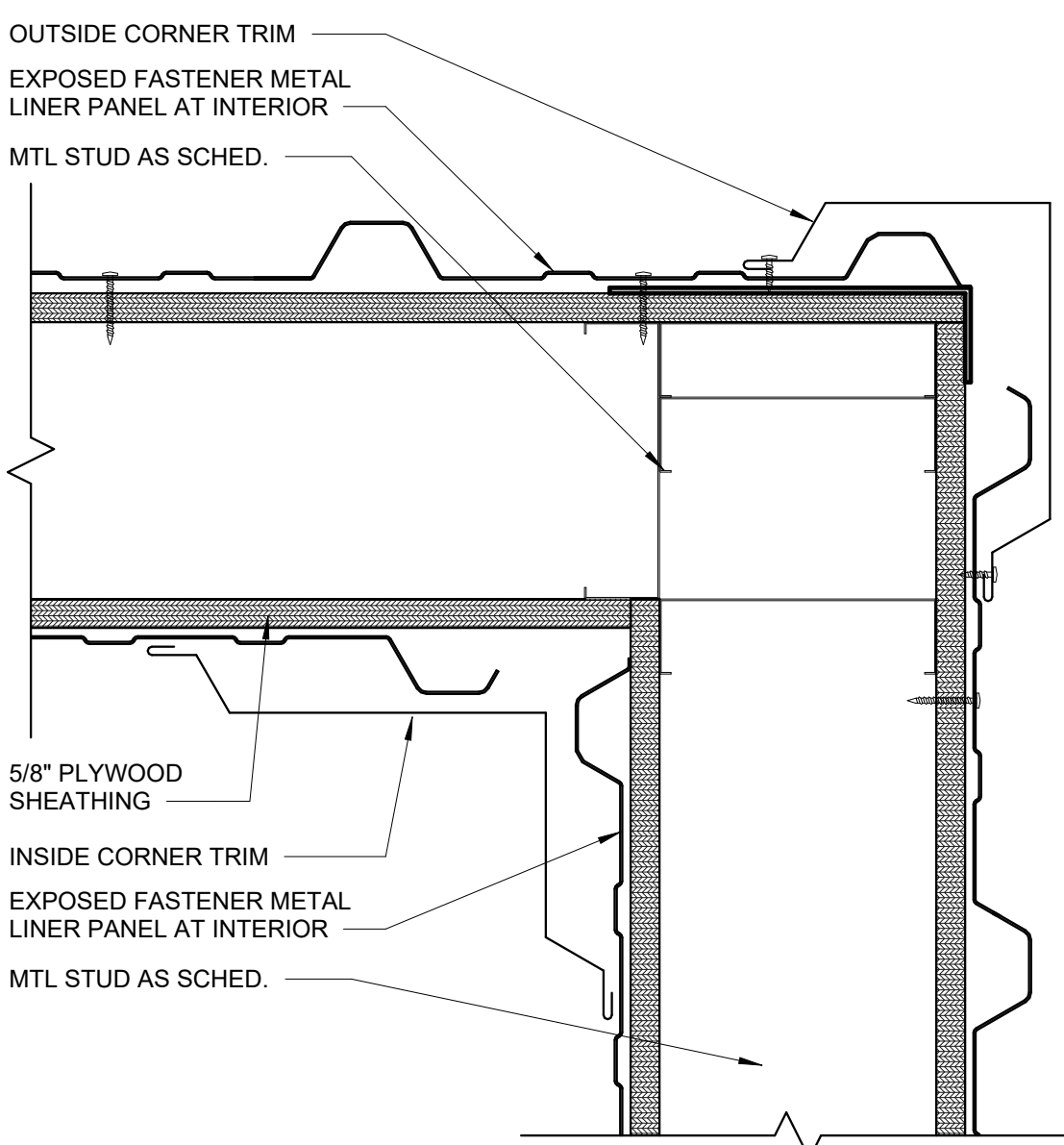
2/14/2025 11:58:12 AM Autodesk Docs/Craighead Electric Maintenance Shop 24-096, Engined Eric, Maintenance, R30.rvt



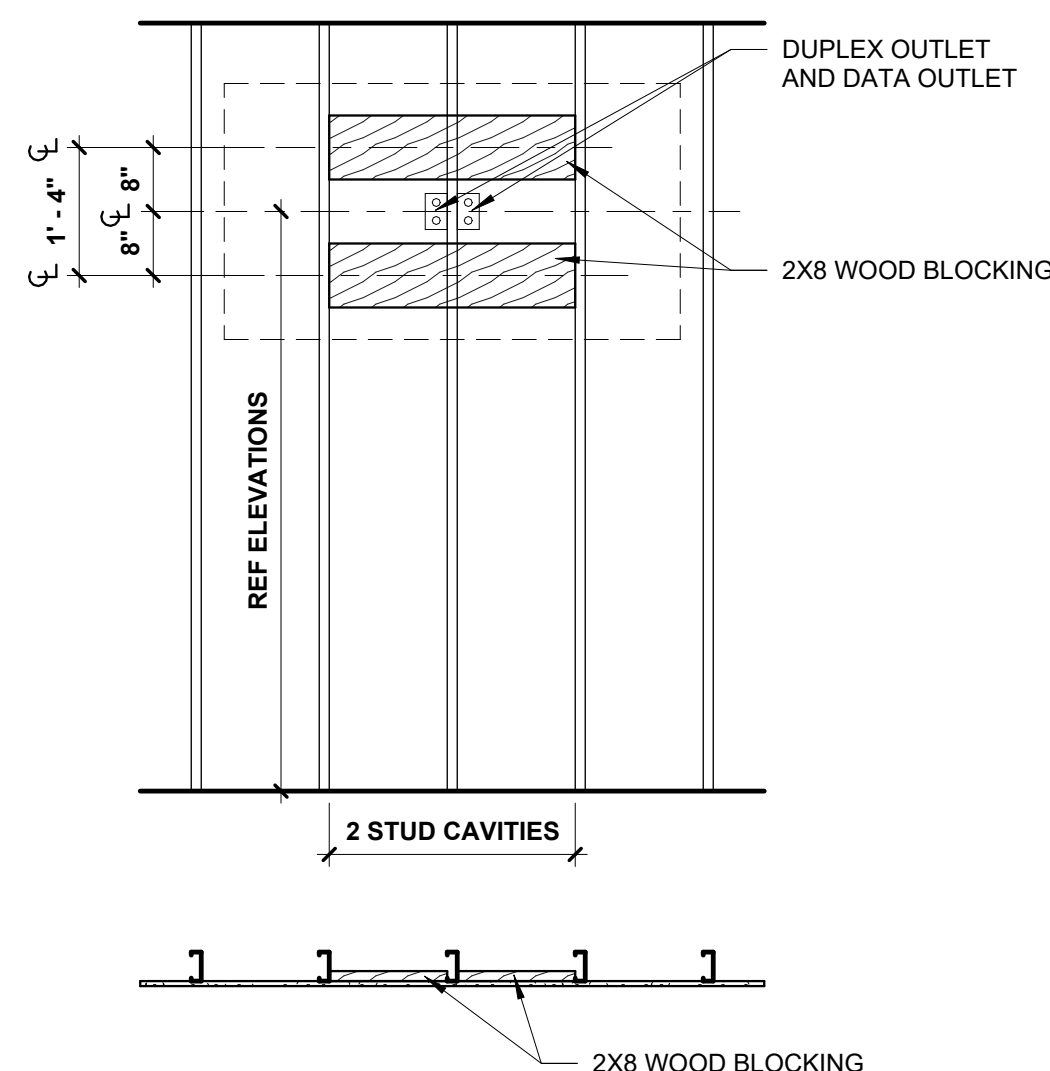
6 FLOOR DETAIL - SHOWER DRAIN / WALL DETAIL
3" = 1'-0"



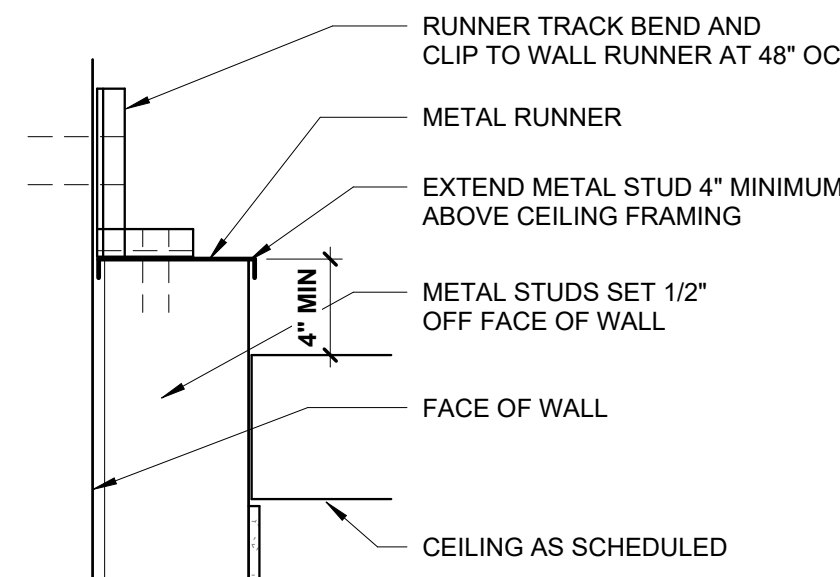
5 TYPICAL CONCRETE SHOWER DETAIL
1 1/2" = 1'-0"



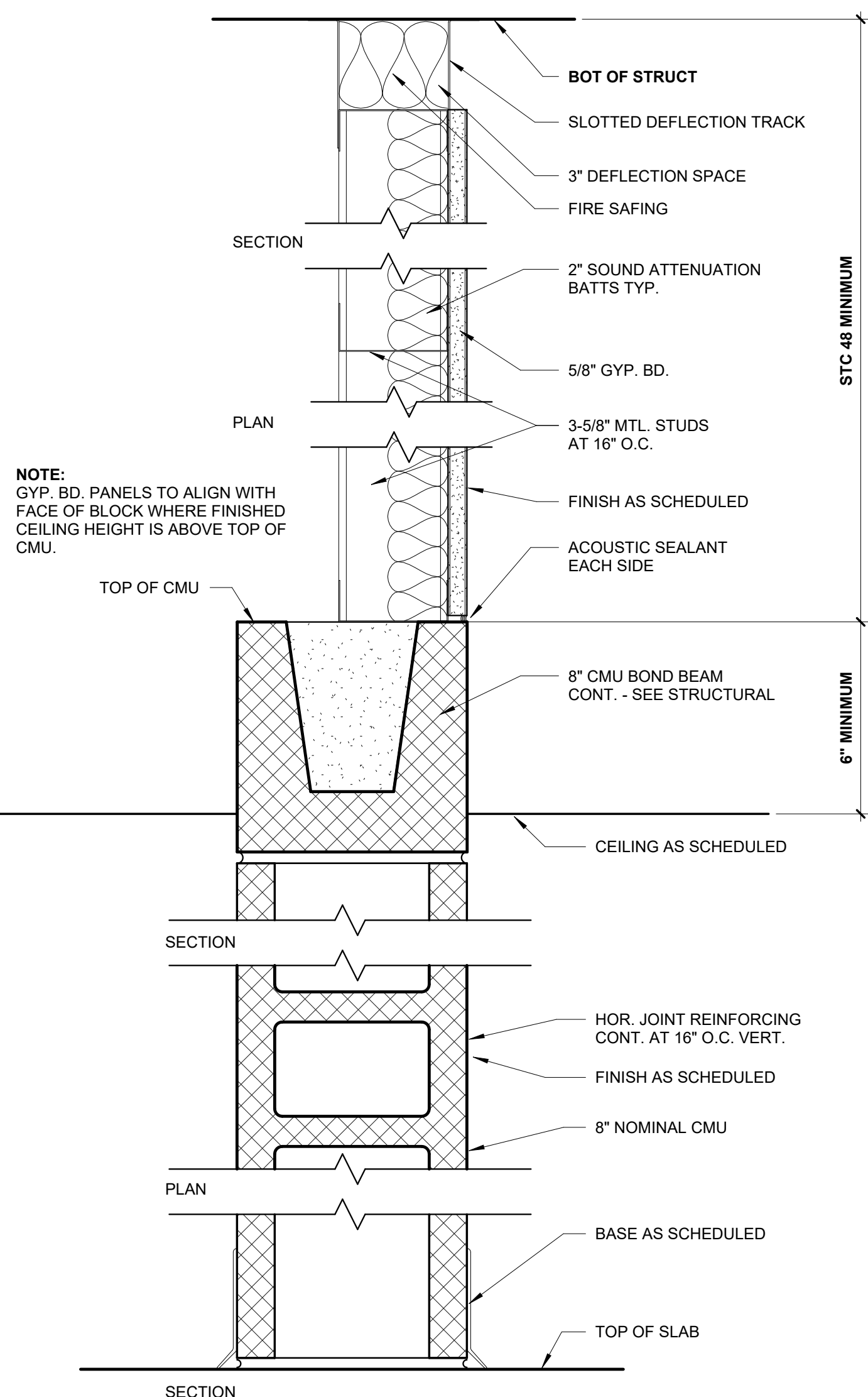
4 CORNER DETAIL - INTERIOR
3" = 1'-0"



3 TV BRACKET BLOCKING
1/2" = 1'-0"



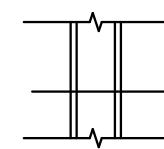
2 ATTACHMENT TO WALL
1 1/2" = 1'-0"



1 WALL PARTITION TYPE P3 - 8" CONC. BLOCK W/ GYP. ABV. CEILING
3" = 1'-0"

PARTITION LEGEND

DETAIL:



PLAN:

LETTER INDICATES PARTITION TYPE
REF PLANS AND SHEET A6

NUMBER INDICATES STUD HEIGHT. NO NUMBER INDICATES STUD HEIGHT TO BOTTOM OF ROOF DECK (TYP)
NUMBER INDICATES STUD SIZE AS FOLLOWS:

STUD SIZE:

KEY#	STUD	MASONRY
2	2 1/2"	-
4	3 5/8"	3 5/8"
6	4"	5 5/8"
8	6"	7 5/8"
10	10"	9 5/8"
12	12"	11 5/8"

*REF SPECS FOR STUD GAUGE AND SPACING

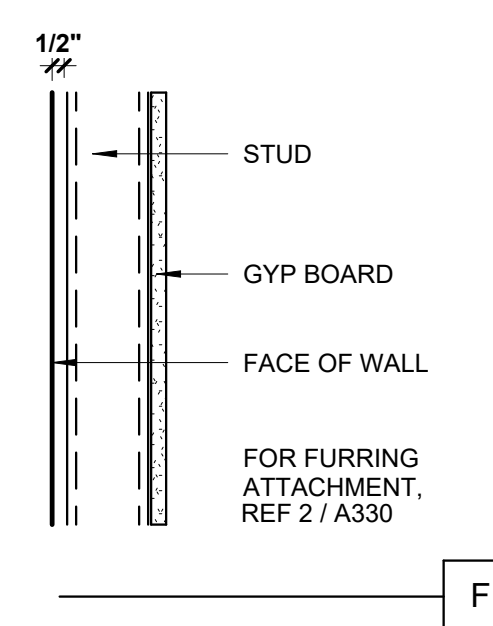
---	NON-RATED WALL
	ACOUSTICAL INSULATION FULL WALL THICKNESS
	CMU WALL
---	EXISTING WALL

PARTITION NOTES

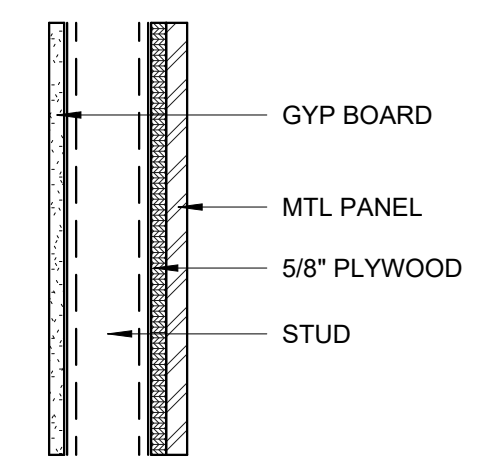
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE BETWEEN PARTITION TYPES AND INTERFACE BETWEEN WALL TYPES, CEILING TYPES, AND SOFFIT CONDITIONS.
- GRAPHICAL OMISSIONS OF MODIFIERS SHALL NOT BE CONSTRUED AS AN ERROR. NO DRAWING IS PERFECT. ANY SUCH GRAPHICAL OMISSIONS SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO PROVIDE THE INTENDED SCOPE OF WORK. NOR SHALL IT SERVE AS BASIS FOR A CHANGE ORDER. CONTRACTOR SHALL STUDY PLANS AND SECTIONS THOROUGHLY PRIOR TO PERFORMING WORK.
- STUDS CONTINUE TO DECK UNO
- 5/8" THICK GYPSUM BOARD TYPICAL FOR WALLS AND CEILINGS.
- FULL HGT. PARTITIONS - GYP BD TO EXTEND TO UNDERSIDE OF STRUCTURE, UNLESS OTHERWISE INDICATED.
- REF PARTITION KEY SYMBOL FOR STUD WIDTHS. WHERE NO CEILING IS INDICATED, CONTINUE FINISH TO FULL HEIGHT OF PARTITION. MAINTAIN CLEARANCE BELOW STRUCTURE PER DEFLECTION TRACK DETAILS.
- PROVIDE TILE CEMENT BACKER BOARD AT ALL WALL TILE LOCATIONS OVER METAL STUDS. REFER TO ELEVATIONS AND FINISH SCHEDULE.
- COORDINATE DOOR JAMB THROAT DIMENSION WITH PARTITION TYPES AND RELATED DETAILS. REFER TO SPECIFICATIONS FOR FINISH LEVEL & PERFORMANCE REQUIREMENTS.
- REFER TO SHEET A510 FOR FINISH INFORMATION.

PARTITION TYPES

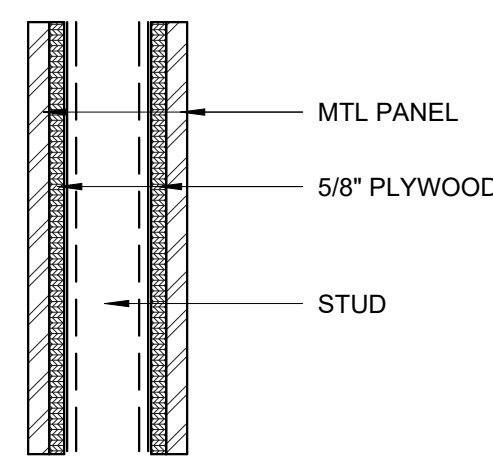
OPPOSITE SIDE
REFERENCE SIDE



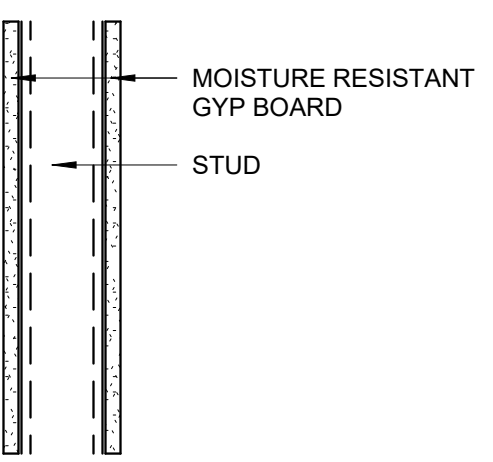
F



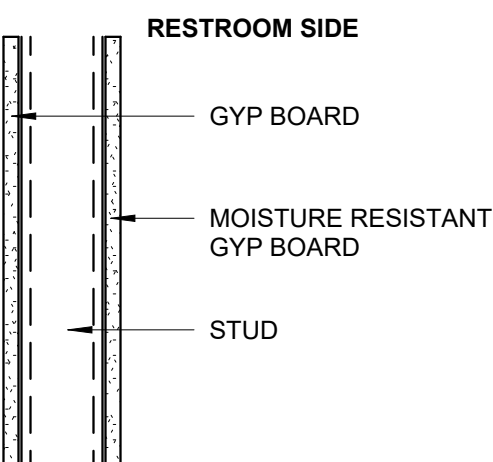
E



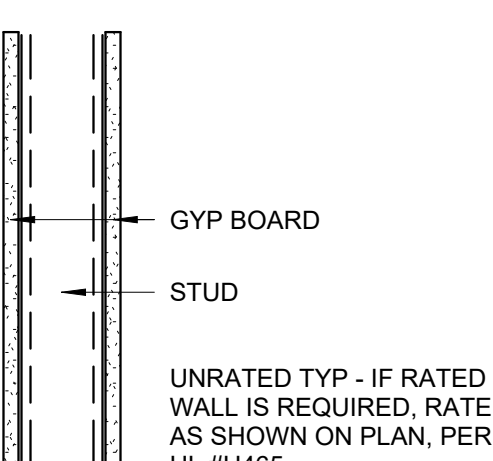
D



C



B



A

CONTENTS

PROJECT TITLE

PARTITION TYPES, DETAILS AND INTERIOR DETAILS

CRAIGHEAD ELECTRIC MAINTENANCE SHOP ADDITION
4314 STADIUM BLVD.
JONESBORO, ARKANSAS

SHEET

REVISIONS

NO. DATE DESCRIPTION

24-096

JOB. NO.

02.14.2025

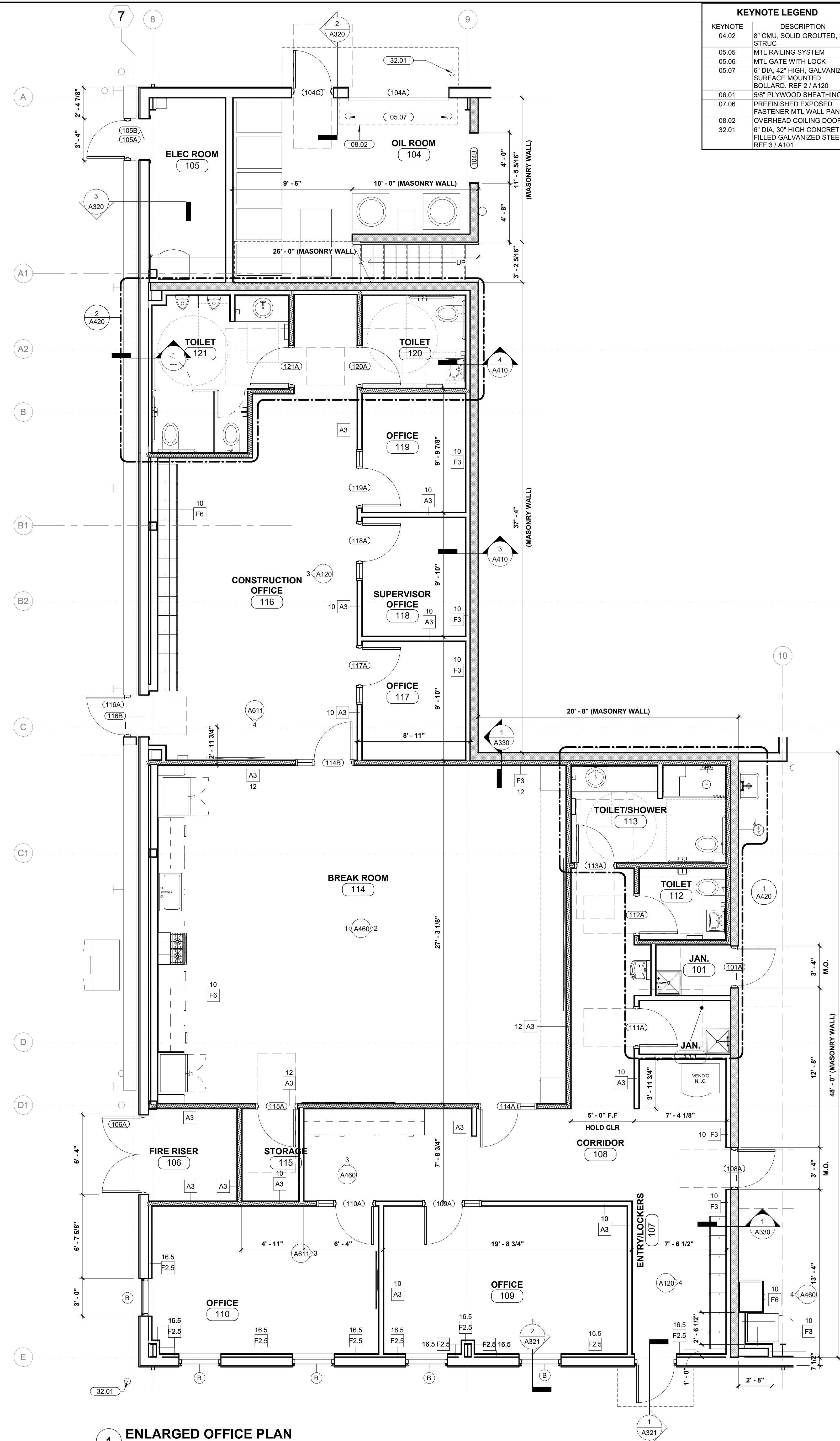
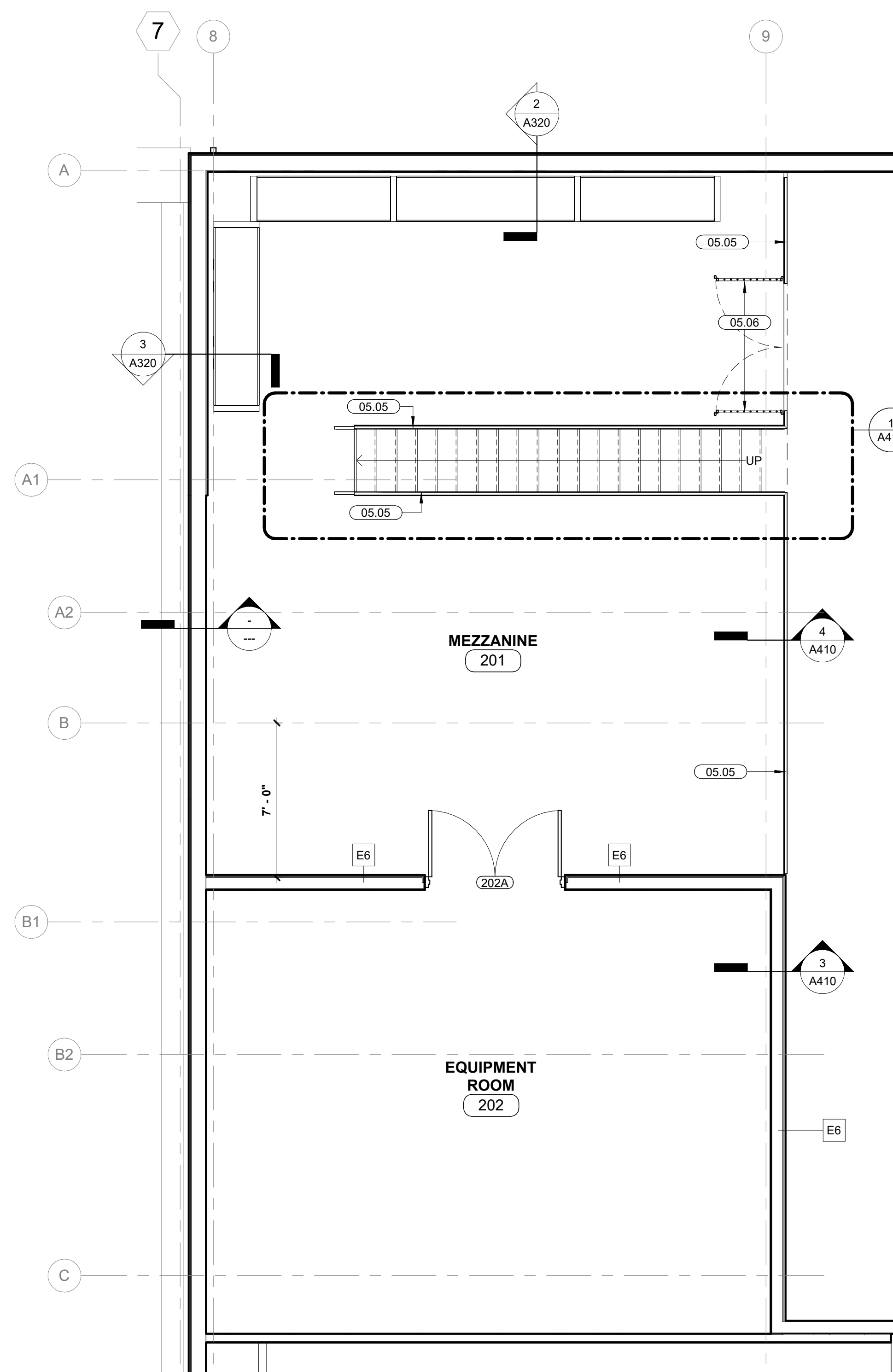
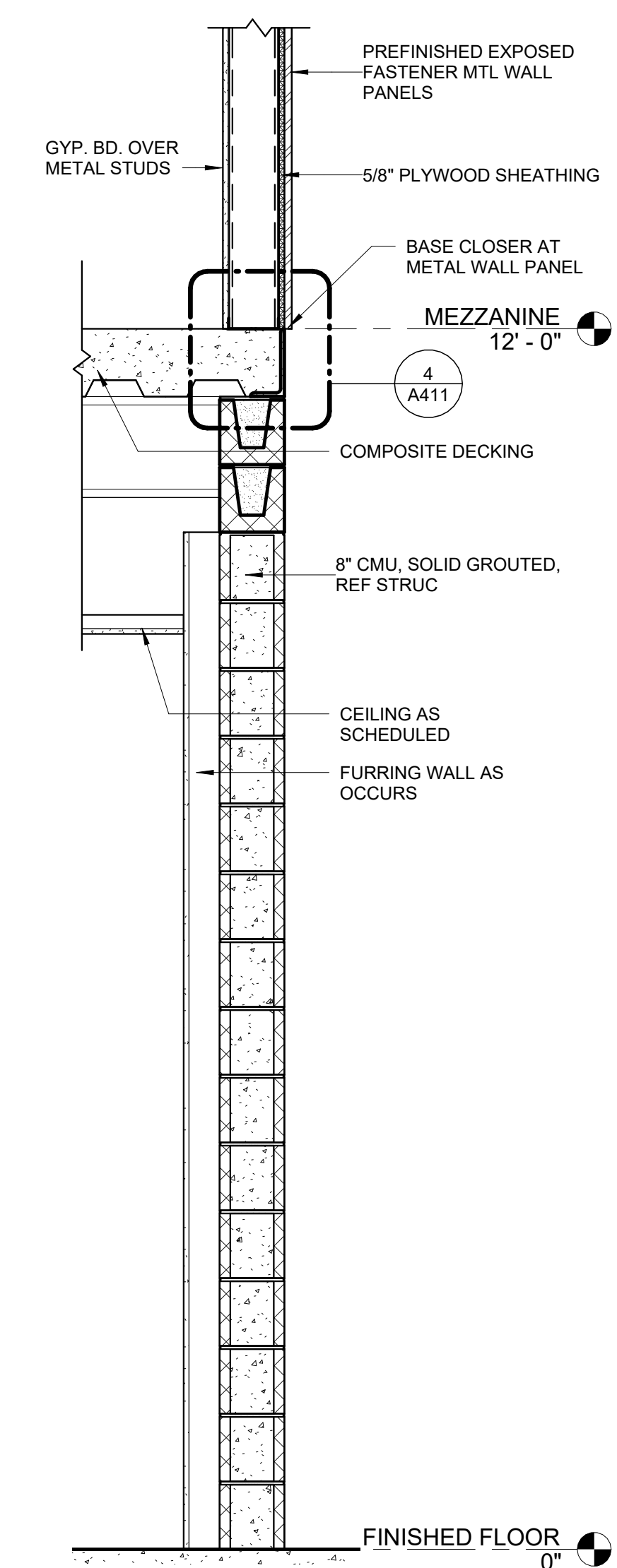
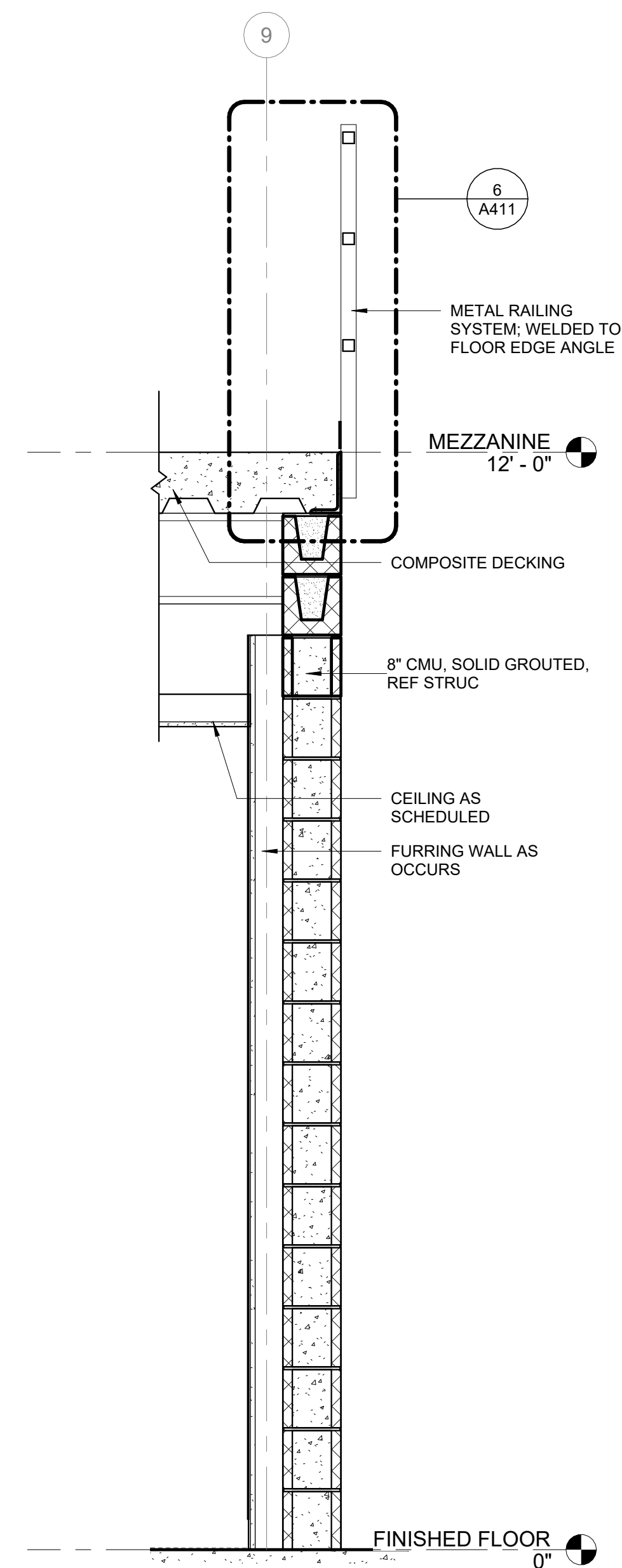
DATE

ISSUE

A330

WDD ARCHITECTS





KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
04.02	8" CMU, SOLID GROUTED, STRUC
05.05	MTL RAILING SYSTEM
05.06	MTL GATE WITH LOCK
05.07	6" DIA. 42" HIGH, GALVANIZED SURFACE MOUNTED BOLLARD, REF 2 A120
06.01	5/8" PLYWOOD SHEATHING
07.06	PREFINISHED SHEATHING FASTENER MTL WALL PANEL
08.02	OVERHEAD COILING DOOR
32.01	6" DIA. 30" HIGH CONCRETE FILLED GALVANIZED STEEL REF 2 A103



CRAIGHEAD ELECTRIC
MAINTENANCE SHOP ADDITION

PROJECT TITLE

CONTENTS

ENLARGED PLANS

REVISIONS

NO.

DATE

DESCRIPTION

24-096

JOB. NO.

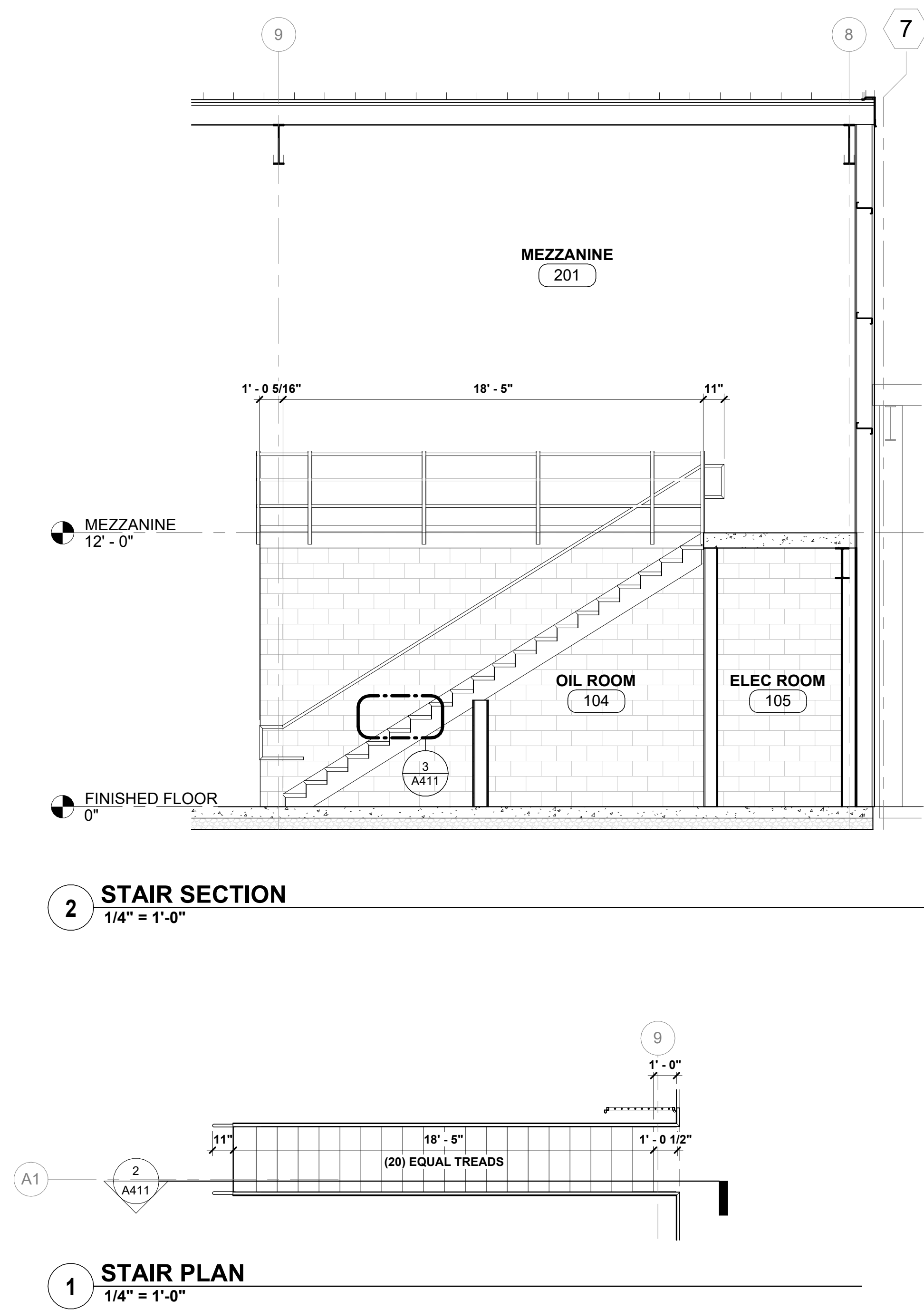
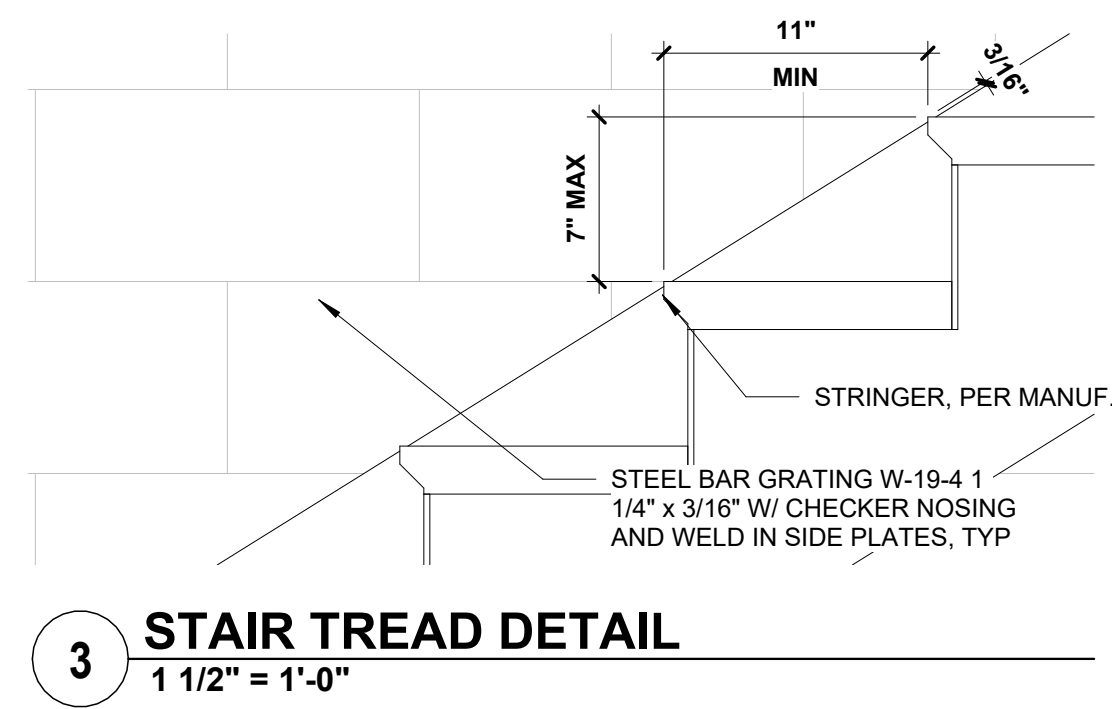
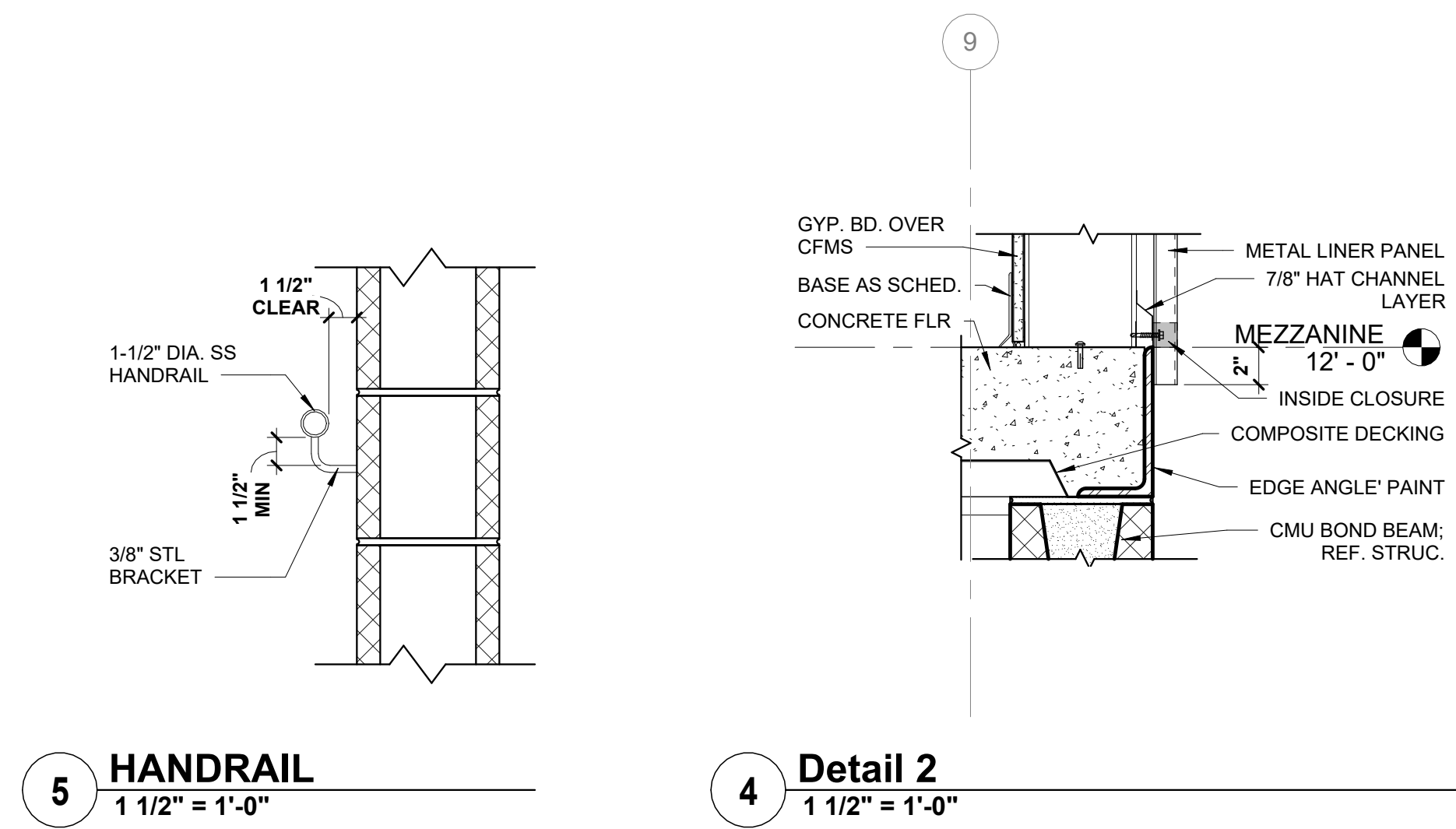
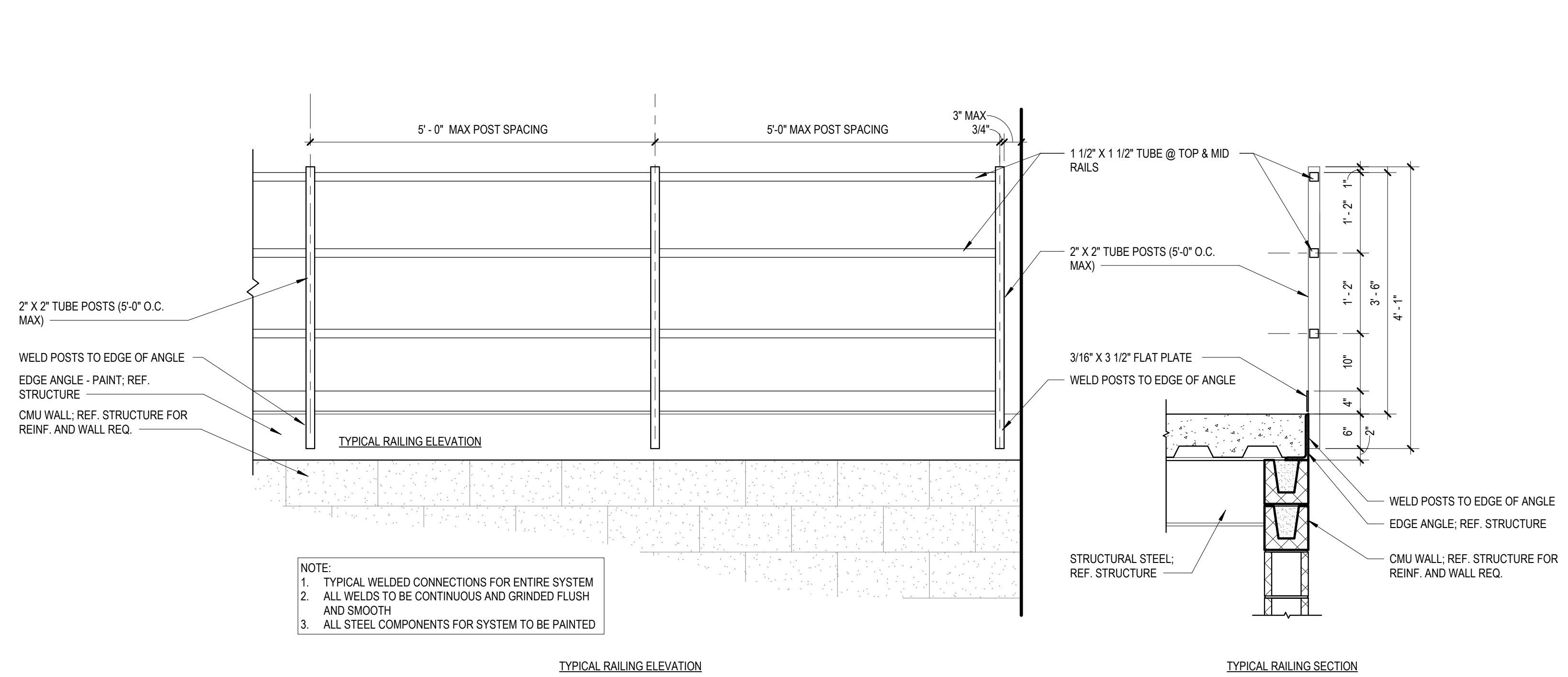
02.14.2025

DATE

ISSUE

A410

2/1/2025 11:52:15 AM - Added Don't Tighten Electric Maintenance Shop 12.096, Enlarged Elec Maintenance Shop 12.096





SHEET NOTES

1. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF ANY MILL WORK, LOCKERS, SHELF UNITS, AND COUNTERS.
2. CONTRACTOR TO INSTALL WATER CATCHING CYP BD @ 1" MIN @ MOP SINK LOCATIONS. SEE ENLARGED PLANS FOR DETAILS.
3. FOR PARTITION INFORMATION, REF A303.
4. FOR FINISH INFORMATION, REF A510.
5. ALL PARTIES CONFORM TO PARTITION TYPES INDICATED OTHERWISE ON FLOOR PLANS, ENLARGED JOINTS, OR WALL SECTIONS.
6. ALL DRYWALL PLANTS TO BE TAPED.
7. ALL DRYWALL BELOW FINISHED FLOOR TO BE PREPARED FOR PAINTING AS INDICATED ON INTERIOR ELEVATIONS AND FINISH SCHEDULE.
8. FURNITURE AND EQUIPMENT PLANS, REF A511.
9. ANY PLUMBING LOCATED IN EXTERIOR WALL TO BE INSULATED.
10. PORTABLE FIRE EXTINGUISHER PER NFPA: 10 INSTALLED PER PLAN AND SUBJECT TO LOCAL JURISDICTION APPROVAL.

END OF SHEET

DATE: 01/20/2020

BY: [Signature]

FOR: [Signature]

PROJECT: [Signature]

LOCATION: [Signature]

REVISION: [Signature]

DATE: [Signature]

BY: [Signature]

FOR: [Signature]

PROJECT: [Signature]

LOCATION: [Signature]

REVISION: [Signature]

DATE: [Signature]

BY: [Signature]

FOR: [Signature]

PROJECT: [Signature]

LOCATION: [Signature]

REVISION: [Signature]

DATE: [Signature]

BY: [Signature]

FOR: [Signature]

PROJECT: [Signature]

LOCATION: [Signature]

REVISION: [Signature]

DATE: [Signature]

BY: [Signature]

FOR: [Signature]

PROJECT: [Signature]

LOCATION: [Signature]

REVISION: [Signature]

DATE: [Signature]

BY: [Signature]

FOR: [Signature]

PROJECT: [Signature]

LOCATION: [Signature]

REVISION: [Signature]

DATE: [Signature]

BY: [Signature]

FOR: [Signature]

PROJECT: [Signature]

LOCATION: [Signature]

REVISION: [Signature]

DATE: [Signature]

BY: [Signature]

FOR: [Signature]

PROJECT: [Signature]

LOCATION: [Signature]

REVISION: [Signature]

DATE: [Signature]

BY: [Signature]

FOR: [Signature]

PROJECT: [Signature]

LOCATION: [Signature]

REVISION: [Signature]

DATE: [Signature]

BY: [Signature]

FOR: [Signature]

PROJECT: [Signature]

LOCATION: [Signature]

REVISION: [Signature]

DATE: [Signature]

BY: [Signature]

FOR: [Signature]

PROJECT: [Signature]

LOCATION: [Signature]

REVISION: [Signature]

DATE: [Signature]

BY: [Signature]

FOR: [Signature]

PROJECT: [Signature]

LOCATION: [Signature]

REVISION: [Signature]

DATE: [Signature]

BY: [Signature]

FOR: [Signature]

PROJECT: [Signature]

LOCATION: [Signature]

REVISION: [Signature]

DATE: [Signature]

BY: [Signature]

FOR: [Signature]

PROJECT: [Signature]

LOCATION: [Signature]

REVISION: [Signature]

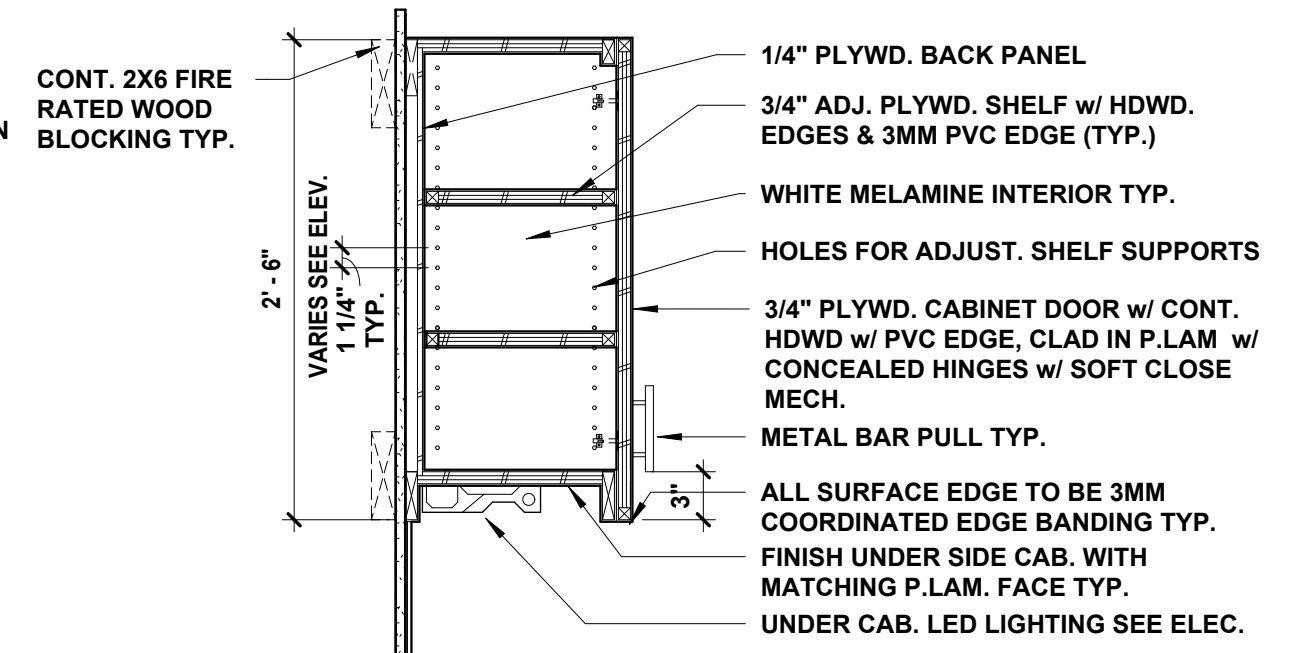
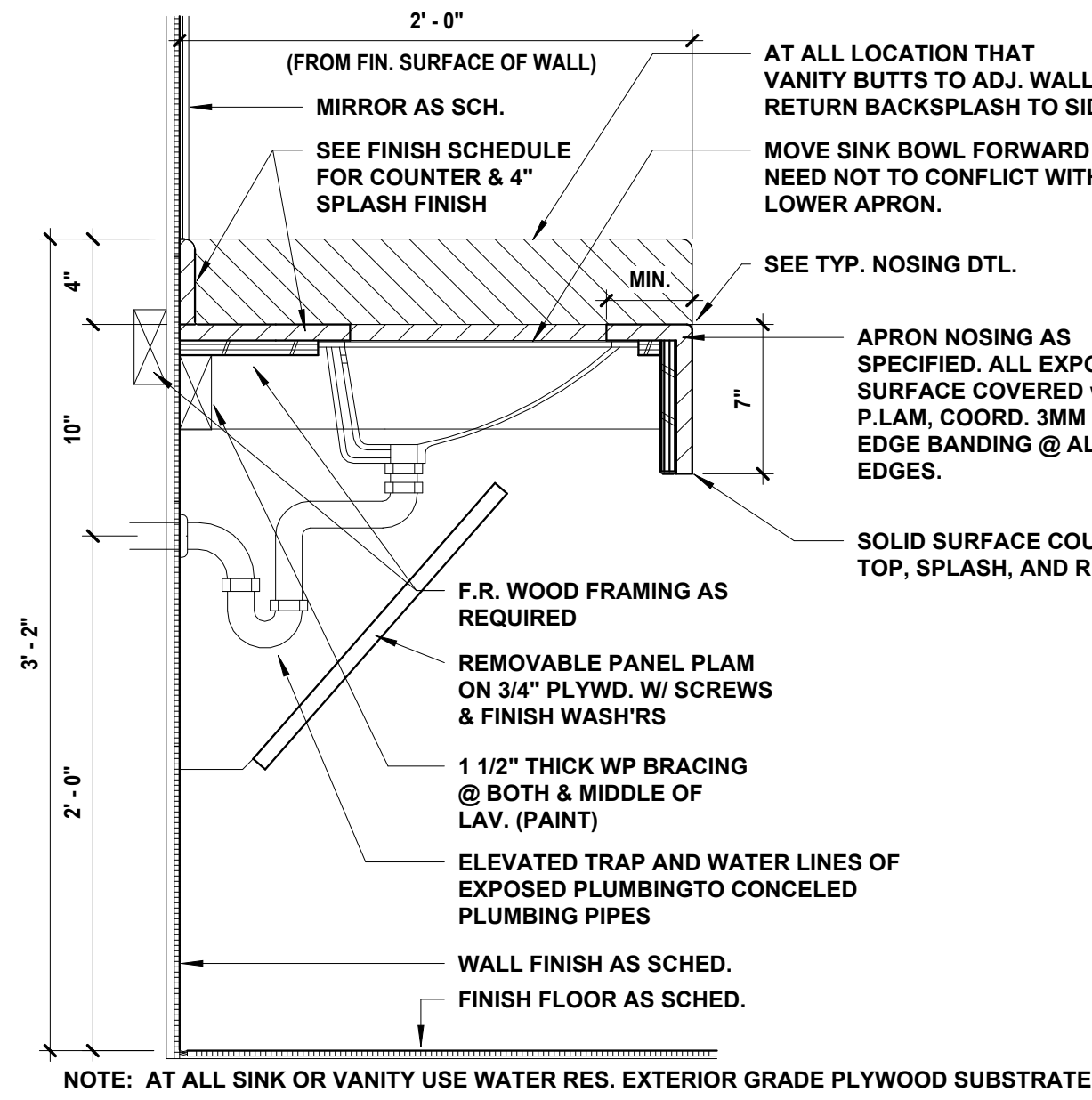
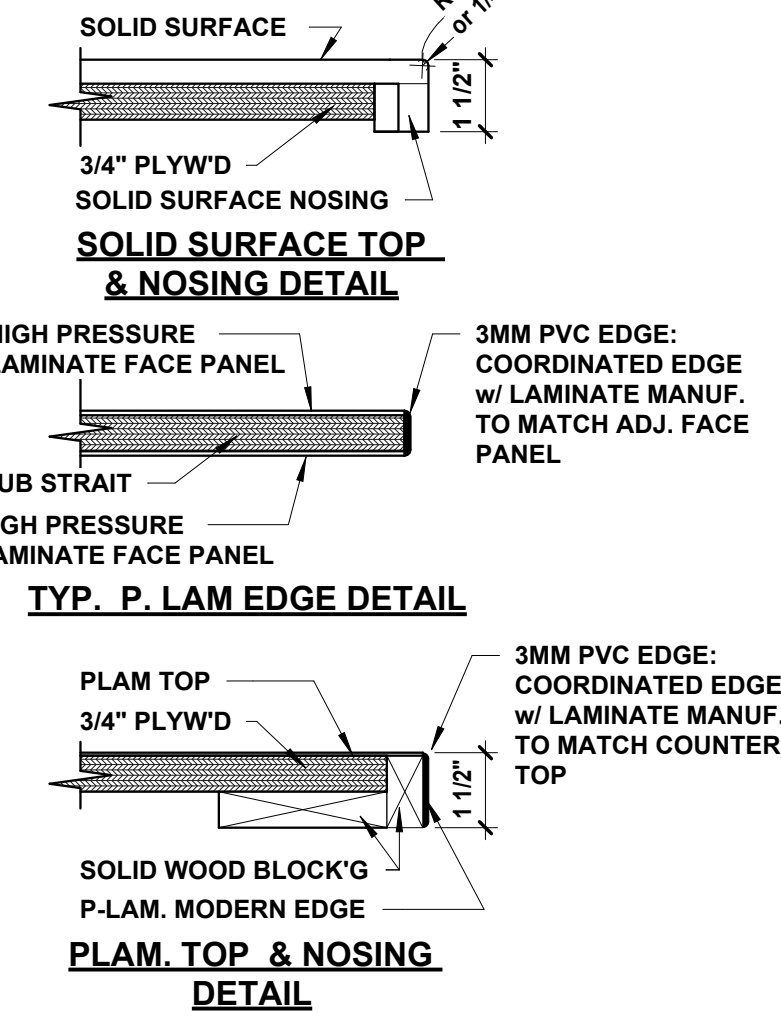
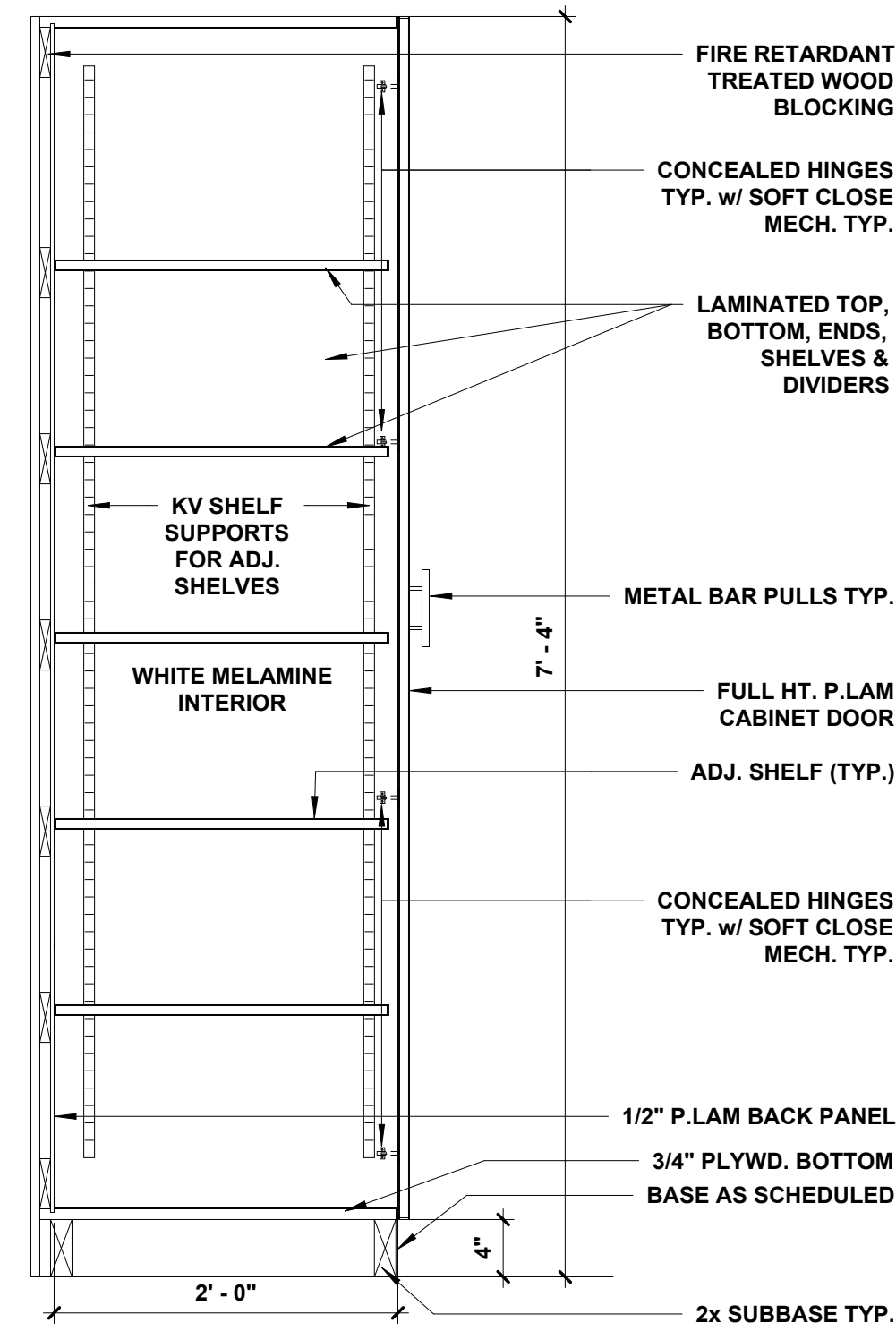
DATE: [Signature]

BY: [Signature]



MILLWORK HARDWARE SCHEDULE							
ITEM	DESCRIPTION	CFCI	MANUFACTURER	MODEL	COLOR	SIZE	COMMENTS
MILLWORK HARDWARE							
H1	CABINET PULLS	X	LIBERTY	P13457C-SS-C	STAINLESS STEEL	3 - 3/4"	ALL INTERIOR MILLWORK PULLS
H3	MILLWORK HINGE	X	BLUM	71T5590B	NICKEL	-	ALL CABINET DOOR HINGES SOFT CLOSE
H3A	MILLWORK HINGE (APPROVED ALTERNATE)	X	BLUM	71B3590	NICKEL	-	ALL CABINET DOOR HINGES SOFT CLOSE
H4	ADJUSTABLE SHELVING SUPPORT CLIPS	X	HANDY BUTTON	THB8144 - 5MM SPOON	NICKEL	5/16"	ALL CABINETS WITH ADJUSTABLE SHELVES
H5	COAT HOOK - RESTROOM	X	MCKEITT	BARREL COAT HOOK HK22	SATIN ALUMINUM (94)	-	ALL CABINETS WITH ADJUSTABLE SHELVES
H6	PULL-OUT TRASH CAN - KITCHENETTE AND	X	SALICE	QPAM12135C	-	19 5/8"	REF. ELEVATIONS FOR LOCATIONS
H7	SOFT CLOSE DRAWER SYSTEM	X	ACCONFIDE	3832	ZINC		ALL DRAWERS TO BE SOFT CLOSE

- ## SHEET NOTES
1. PROVIDE GROMMETS AS REQUIRED FOR TELEPHONES, ELECTRICAL EQUIPMENT, COMPUTERS, MONITORS, ETC. (FIELD LOCATE) SEE ELECTRICAL & SYSTEM PLANS. VERIFY WITH OWNER AND ALL OTHER EQUIPMENT AS NEEDED.
 2. LOCATION OF GROMMETS ON HORIZONTAL SURFACES TO BE VERIFIED BY ARCHITECT PRIOR TO INSTALL.
 3. ALL SOLID SURFACE COUNTER TOPS, BACKSPLASH ARE TO BE INTEGRAL VERTICAL AND HORIZONTAL SURFACES.
 4. PROVIDE BLOCKING FOR ALL WALL MOUNTED CABINET, EQUIPMENT, ACCESSORIES, ECT.
 5. FIELD VERIFY ALL OWNER & CONTRACTOR FURNISHED EQUIPMENT AND DIMENSIONS WITH ALL MILLWORK DIMENSIONS. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO INSTALLATION.
 6. PVC DECK TO BE COORDINATED TO MATCH FACE LAMINATE ON ALL MILLWORK.
 7. ALL STAIN GRADE MILLWORK TO FORM "PREMIUM GRADE A.W.I. FINISH STANDARDS."

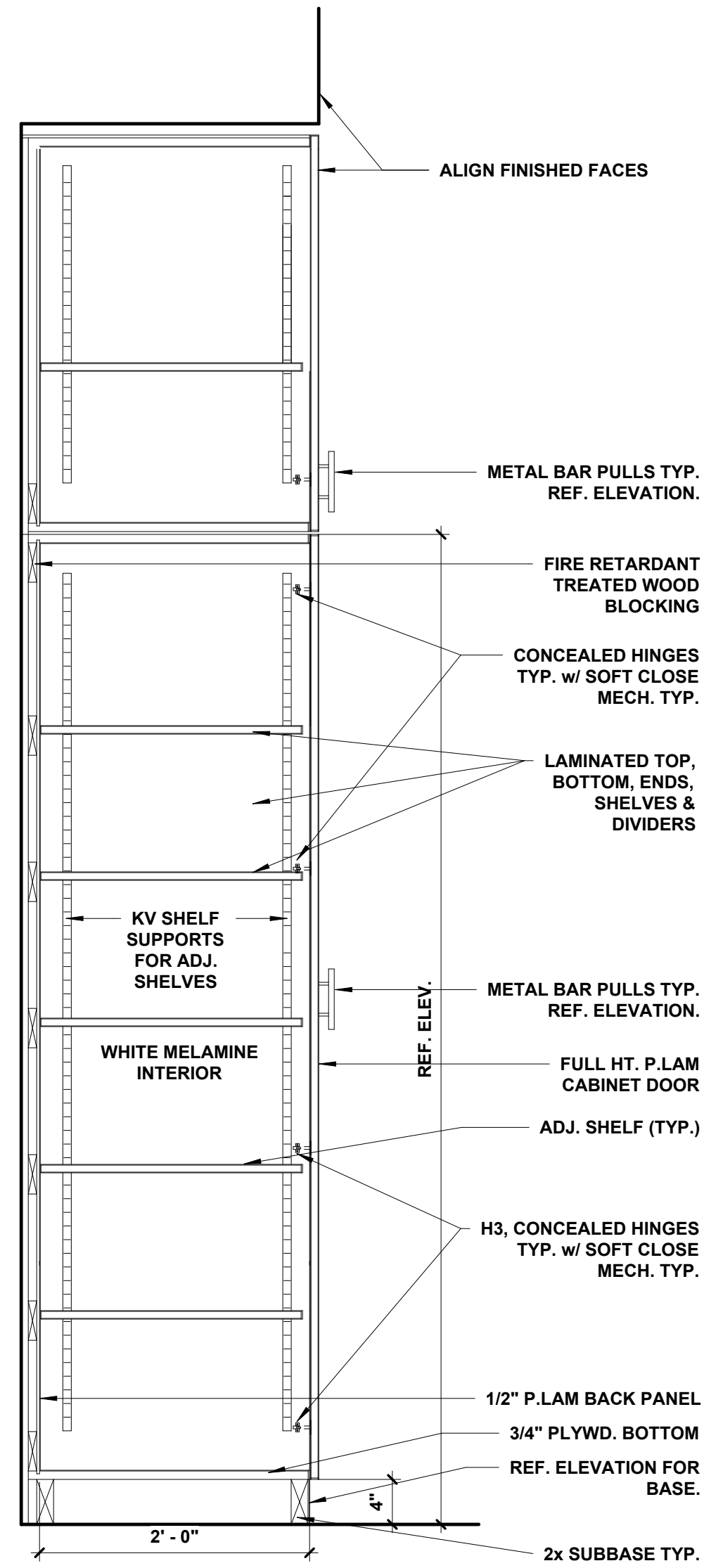


18 **MILLWORK DETAIL - FULL HEIGHT CABINET W/DOOR**
1" = 1'-0"

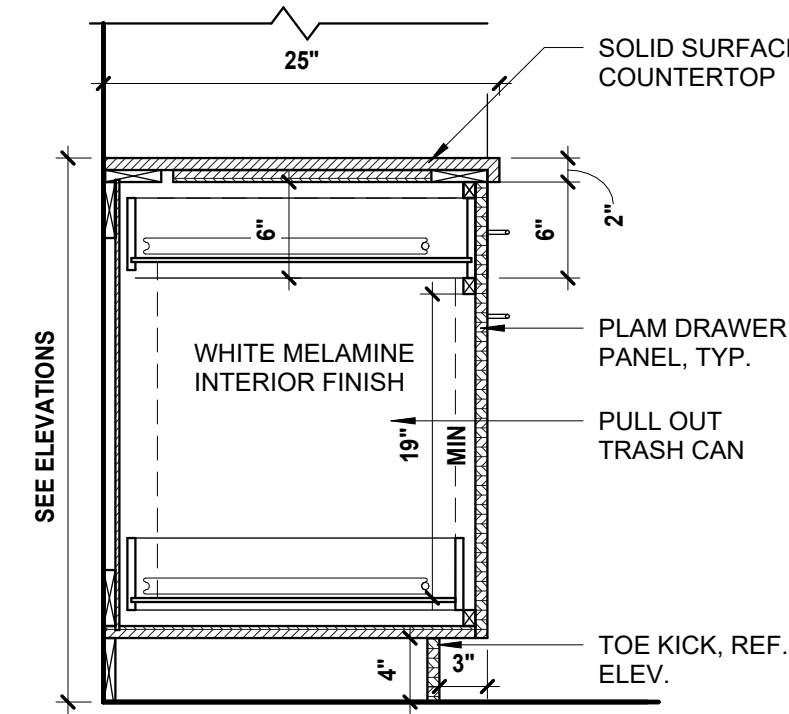
MILLWORK DETAIL - COUNTERTOP, NOSING & EDGE
PROFILES
 3" = 1'-0"

15 **MILLWORK DETAIL - HANGING VANITY SECTION**
1 1/2" = 1'-0"

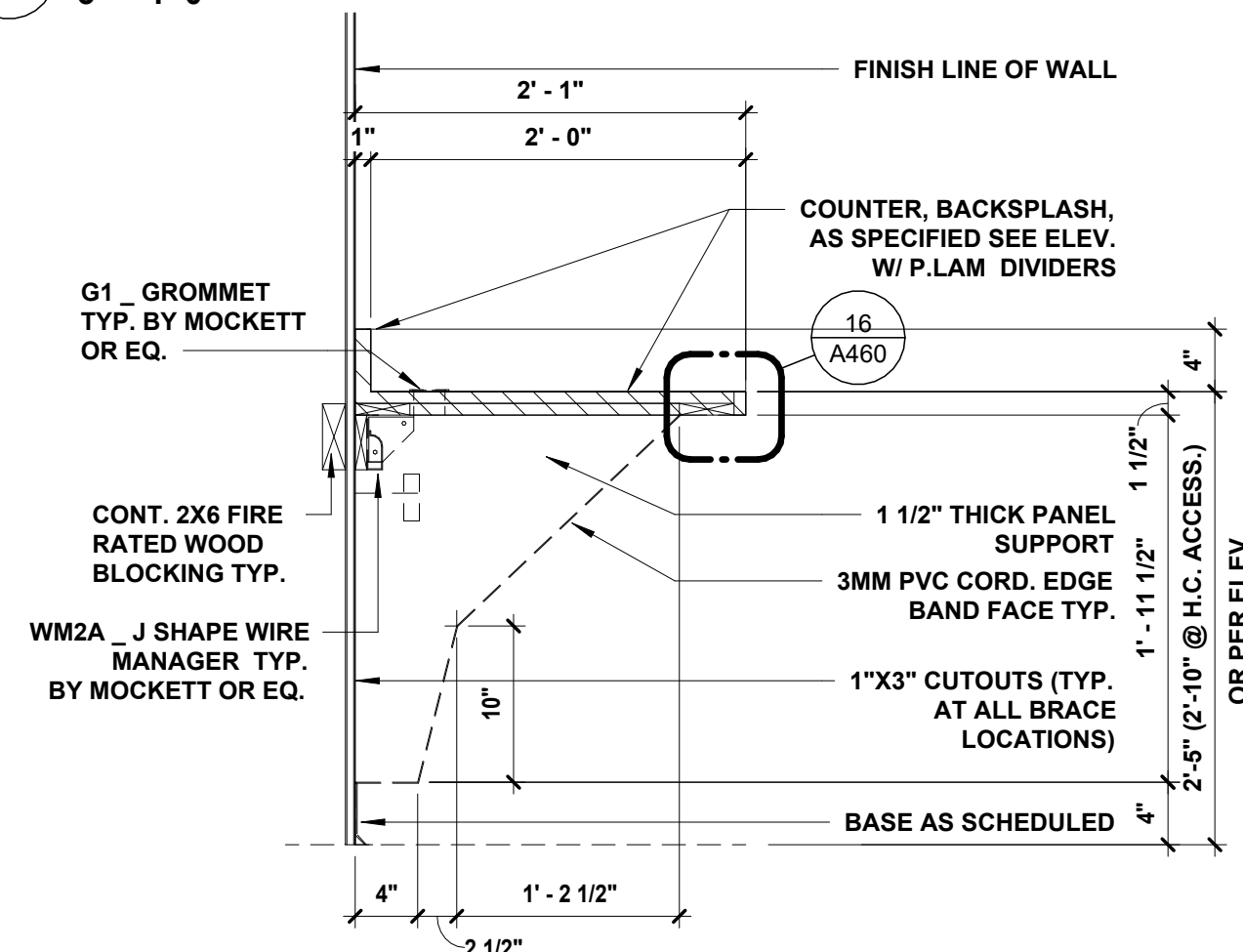
4 MILLWORK DETAIL - UPPER CABINET TYP. UNDER CABINET LIGHTING
1" = 1'-0"



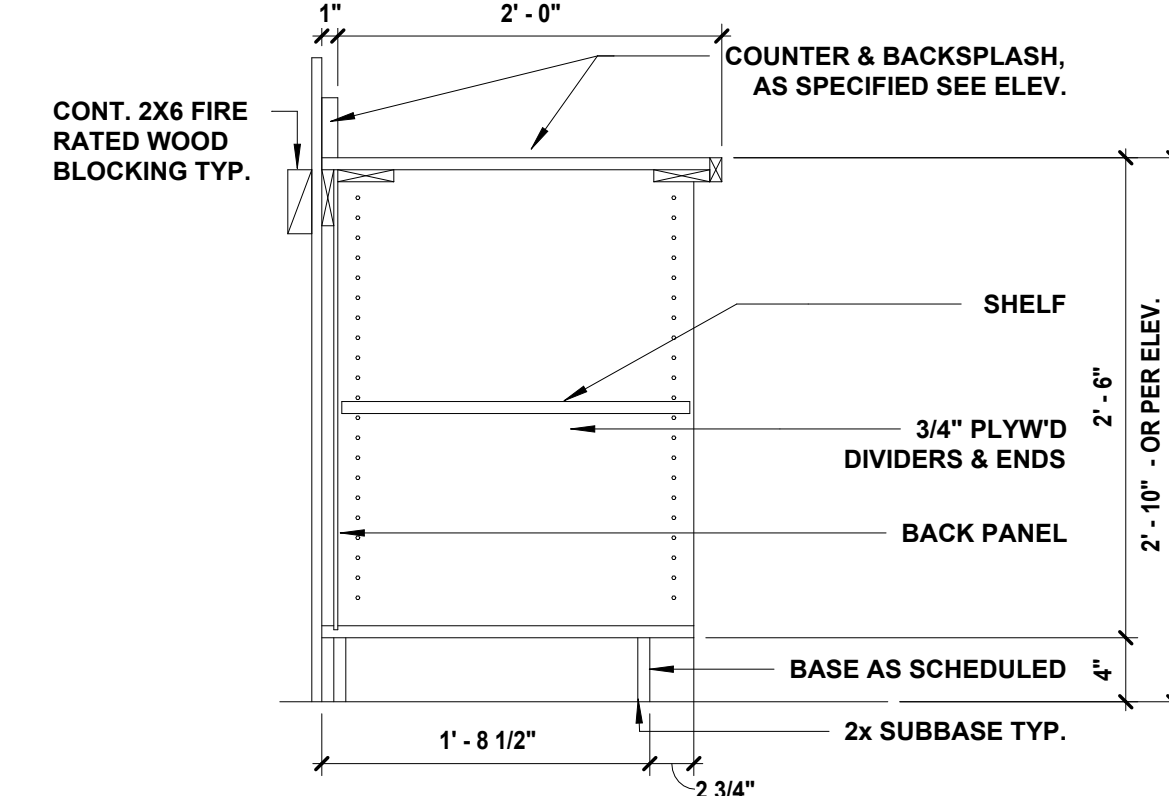
9 FULL HEIGHT CAB.
1" = 1'-0"



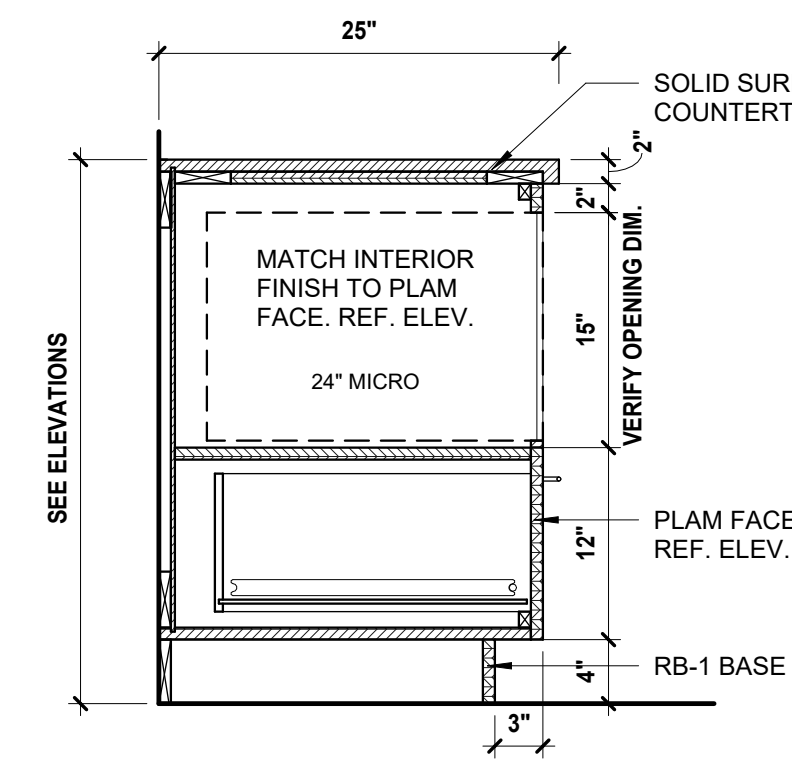
13 TRASH PULLOUT CABINET
1" = 1'-0"



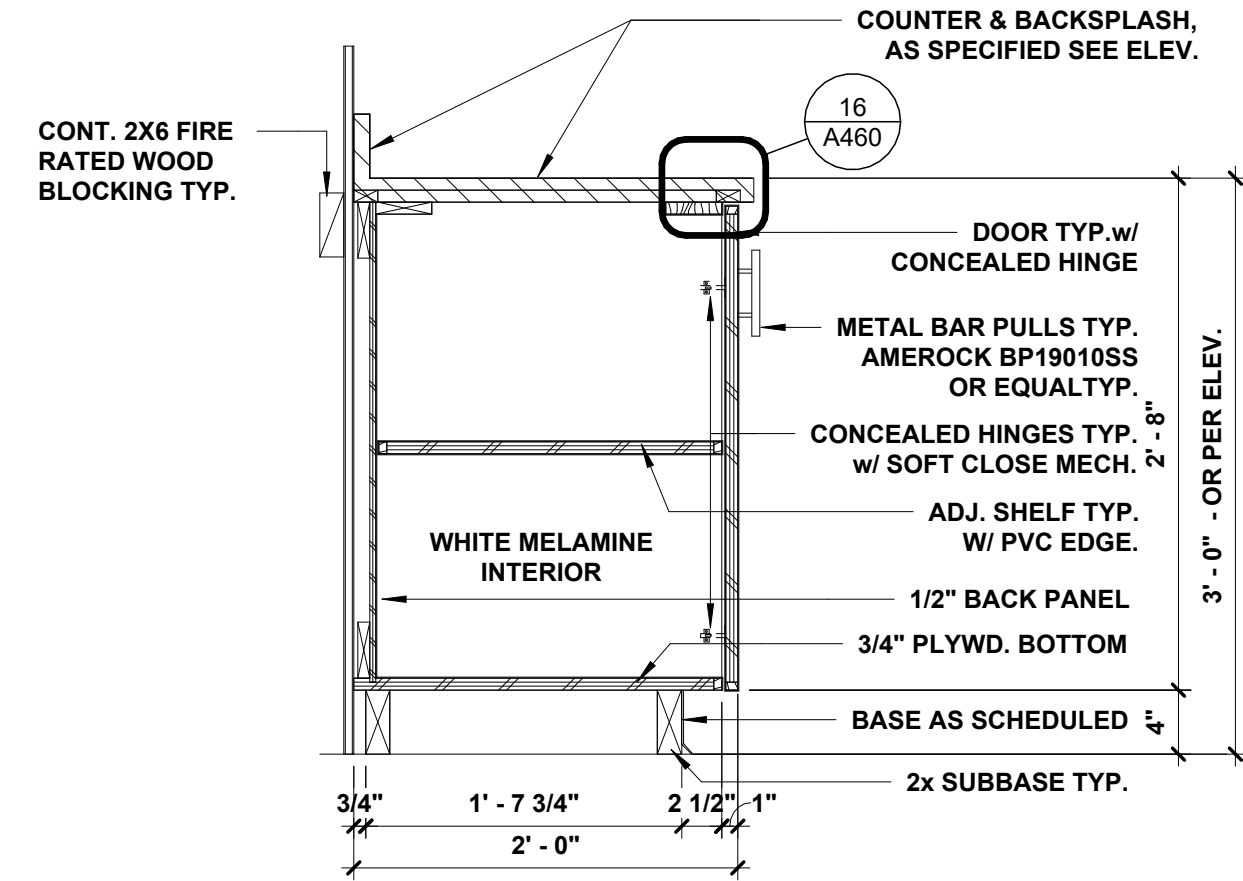
12 MILLWORK DETAIL - BASE CABINET - WORK SURFACE
1" = 1'-0"



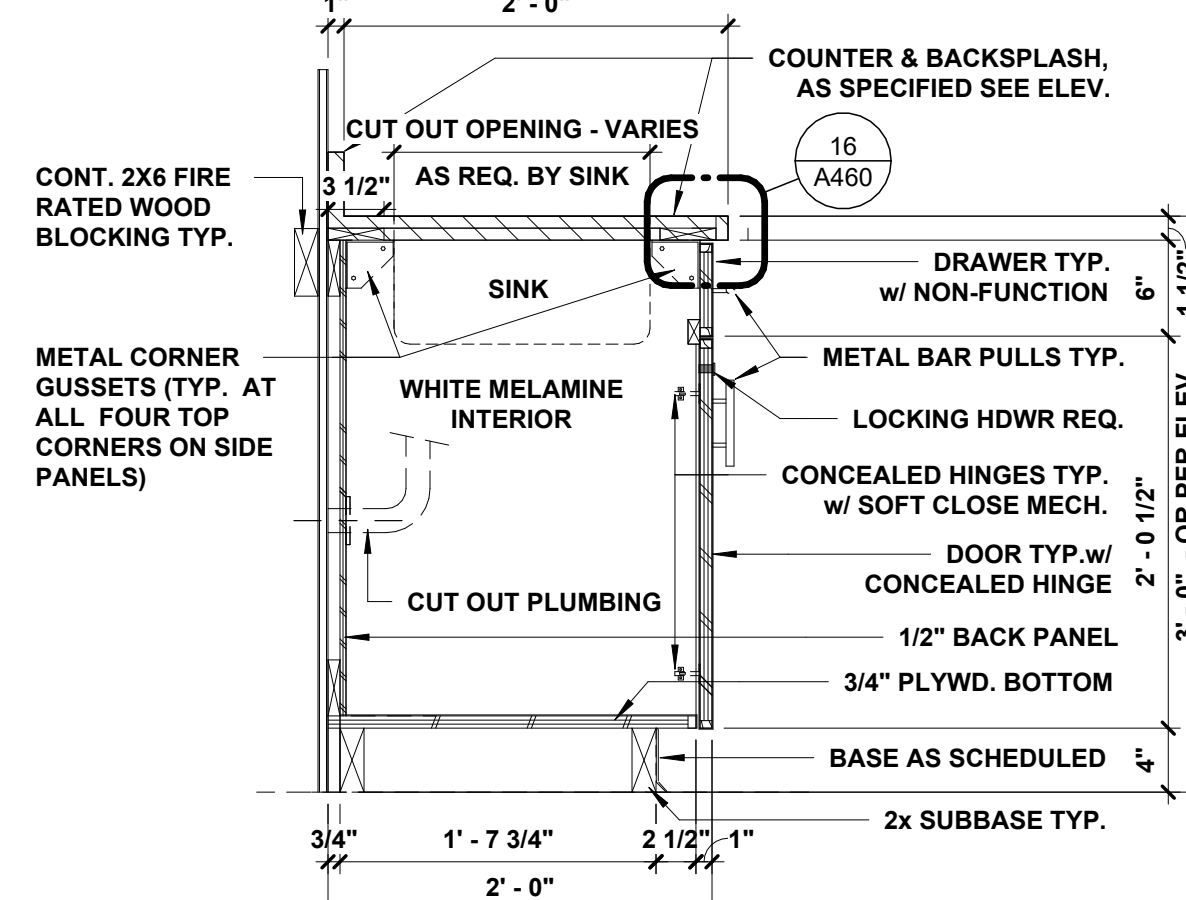
11 MILLWORK DETAIL - BASE CABINET - OPEN SHELVES
1" = 1'-0"



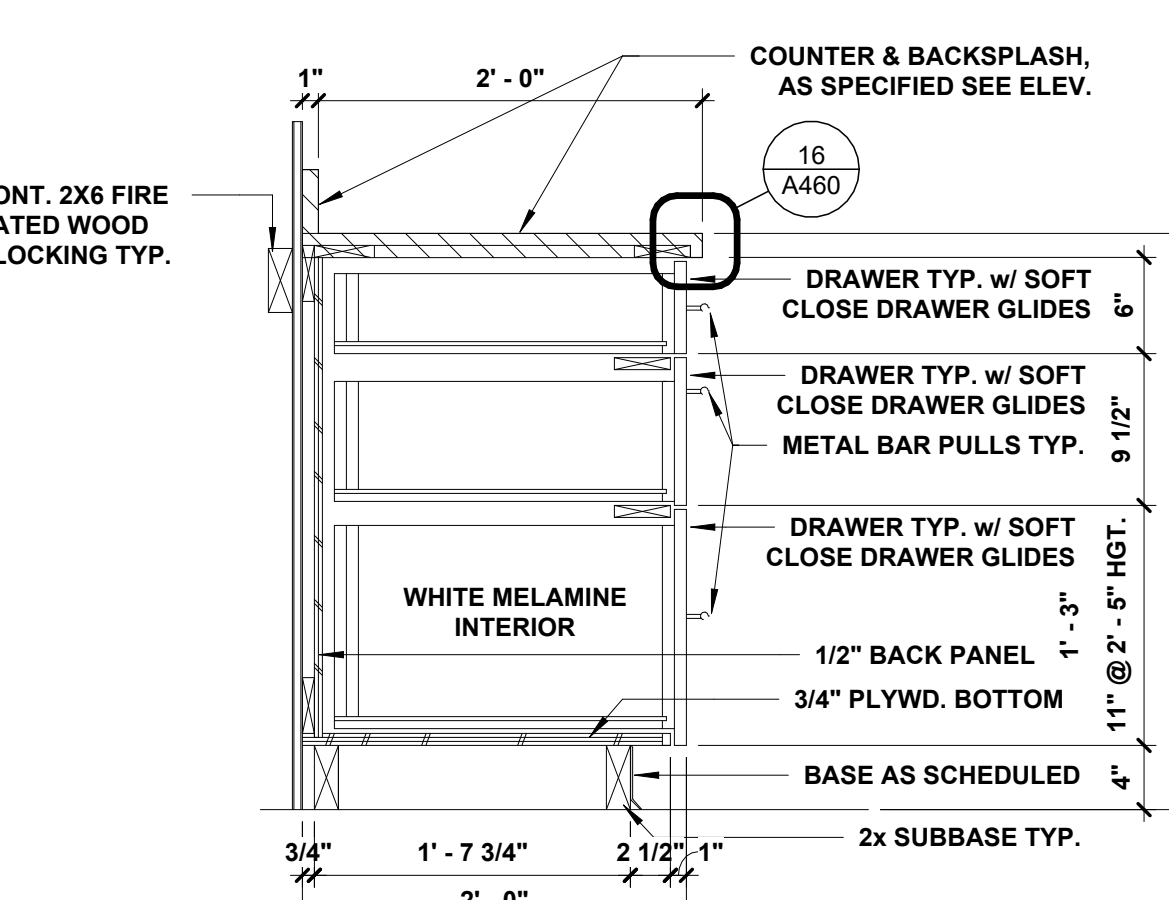
10 MILLWORK DETAIL - MICROWAVE BASE CAB.
1" = 1'-0"



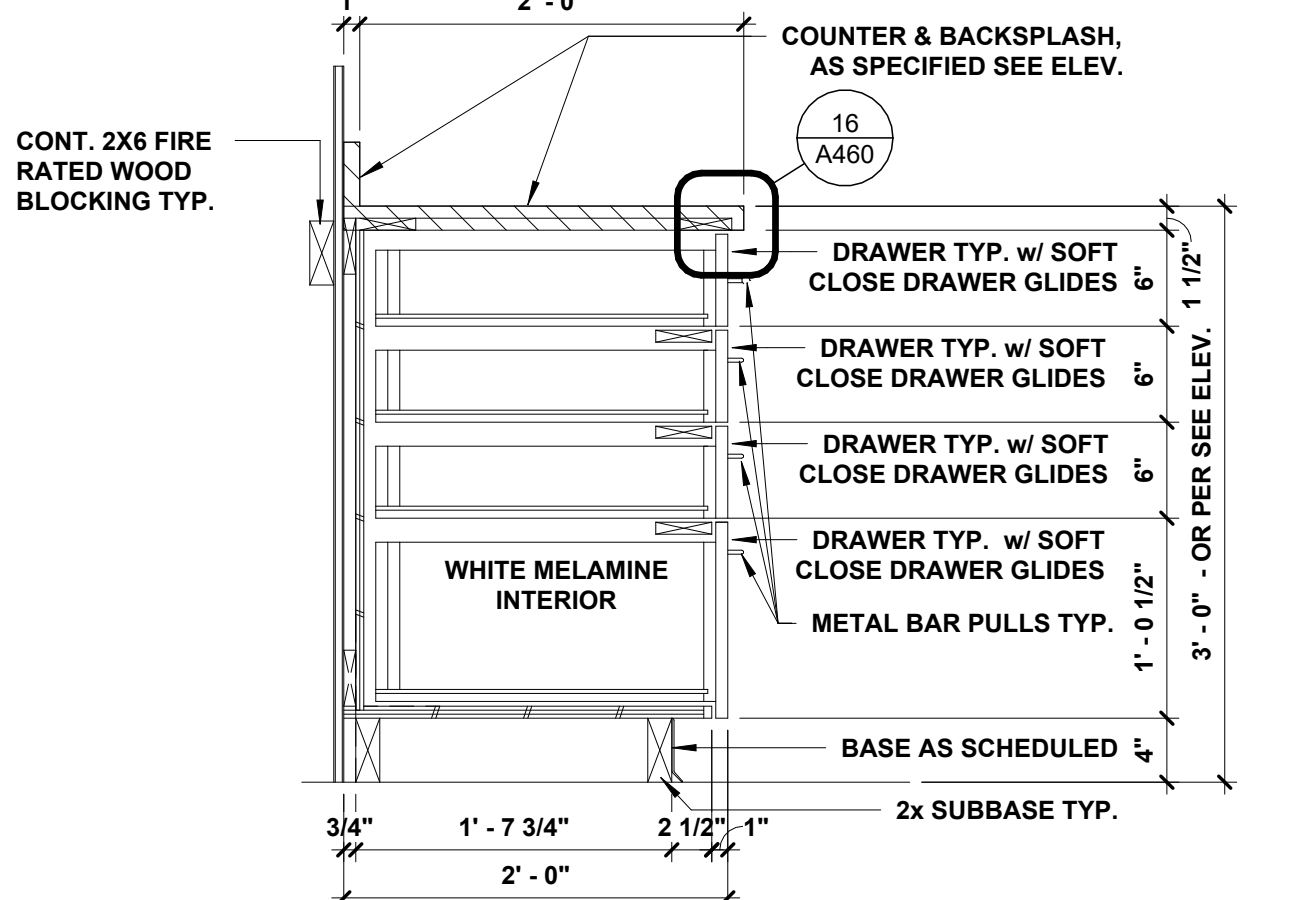
8 MILLWORK DETAIL - BASE CABINET - DOOR
1" = 1'-0"



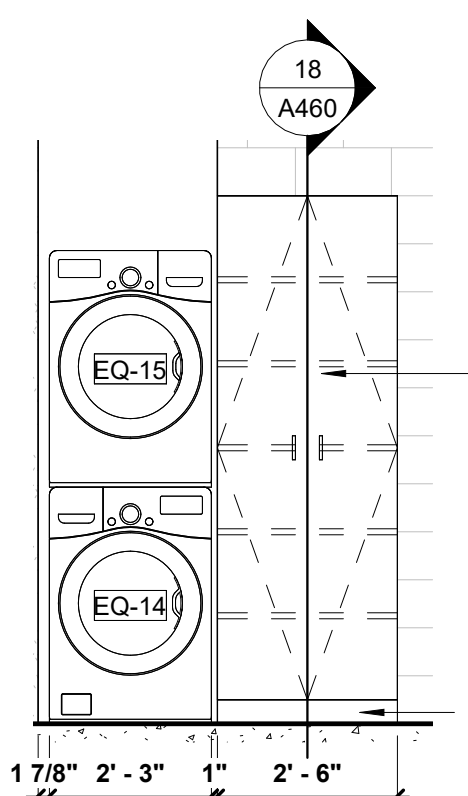
7 MILLWORK DETAIL - BASE CABINET - SINK & DOOR
1" = 1'-0"



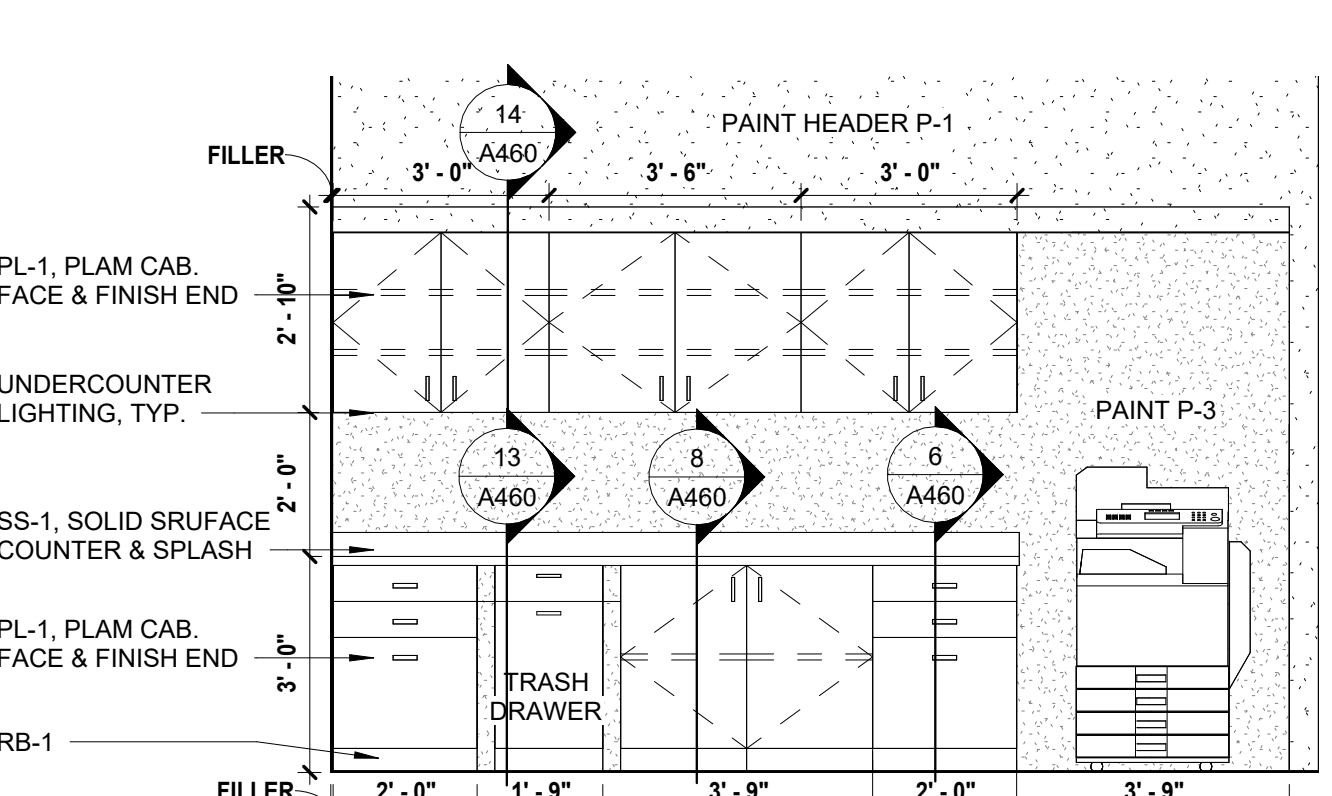
6 MILLWORK DETAIL - BASE CABINET - 3 DRAWER
1" = 1'-0"



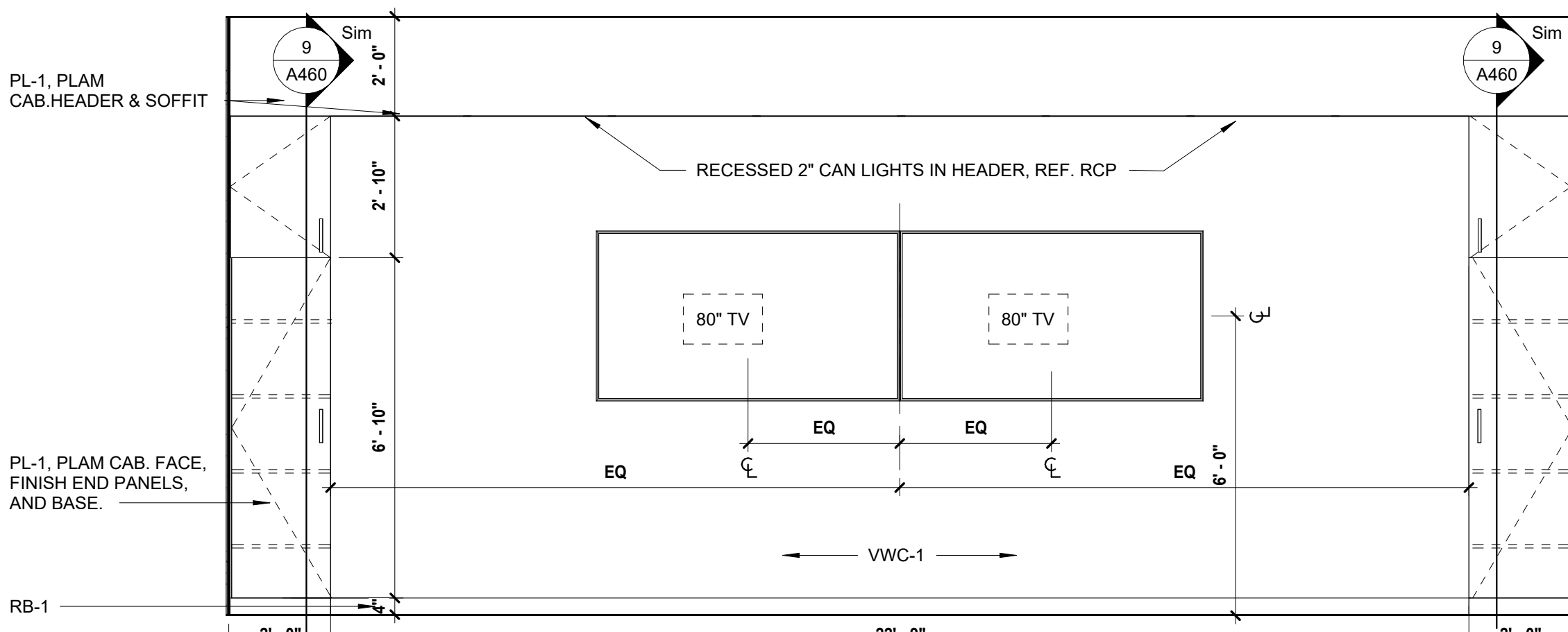
5 MILLWORK DETAIL - BASE CABINET 4 DRAWER
1" = 1'-0"



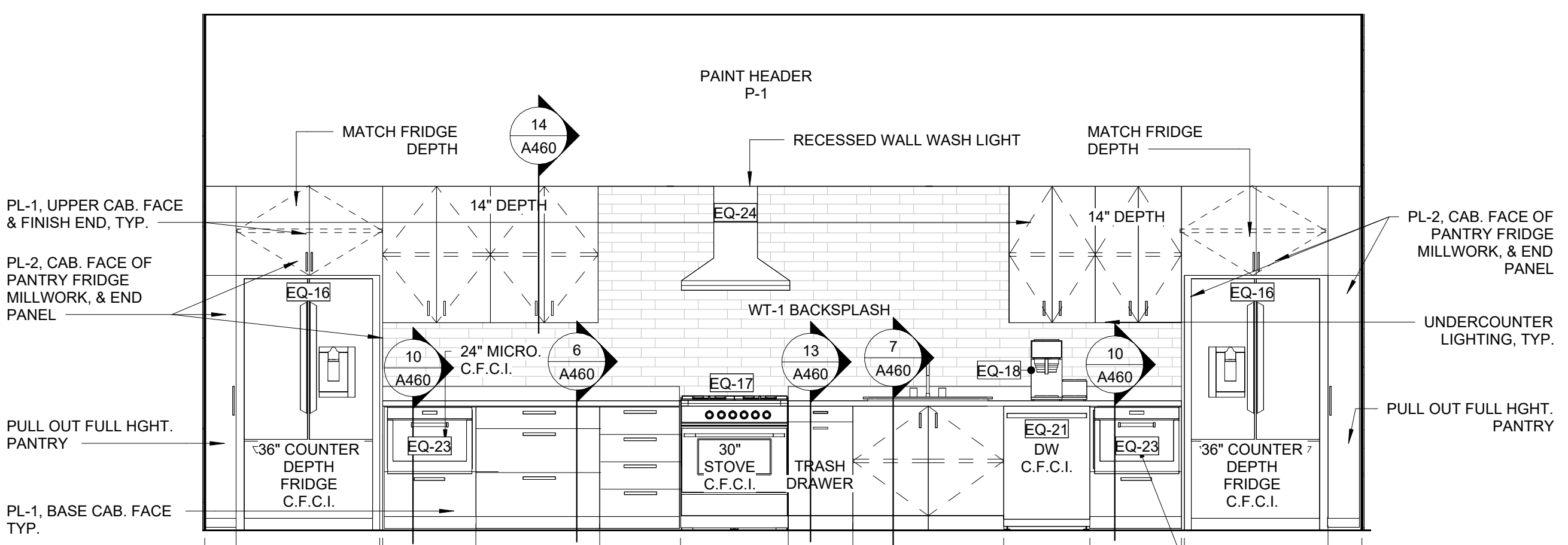
4 LAUNDRY AREA
3/8" = 1'-0"



3 PRINT AREA ELEVATION
3/8" = 1'-0"

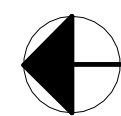


2 BREAKROOM ELEVATION
3/8" = 1'-0"

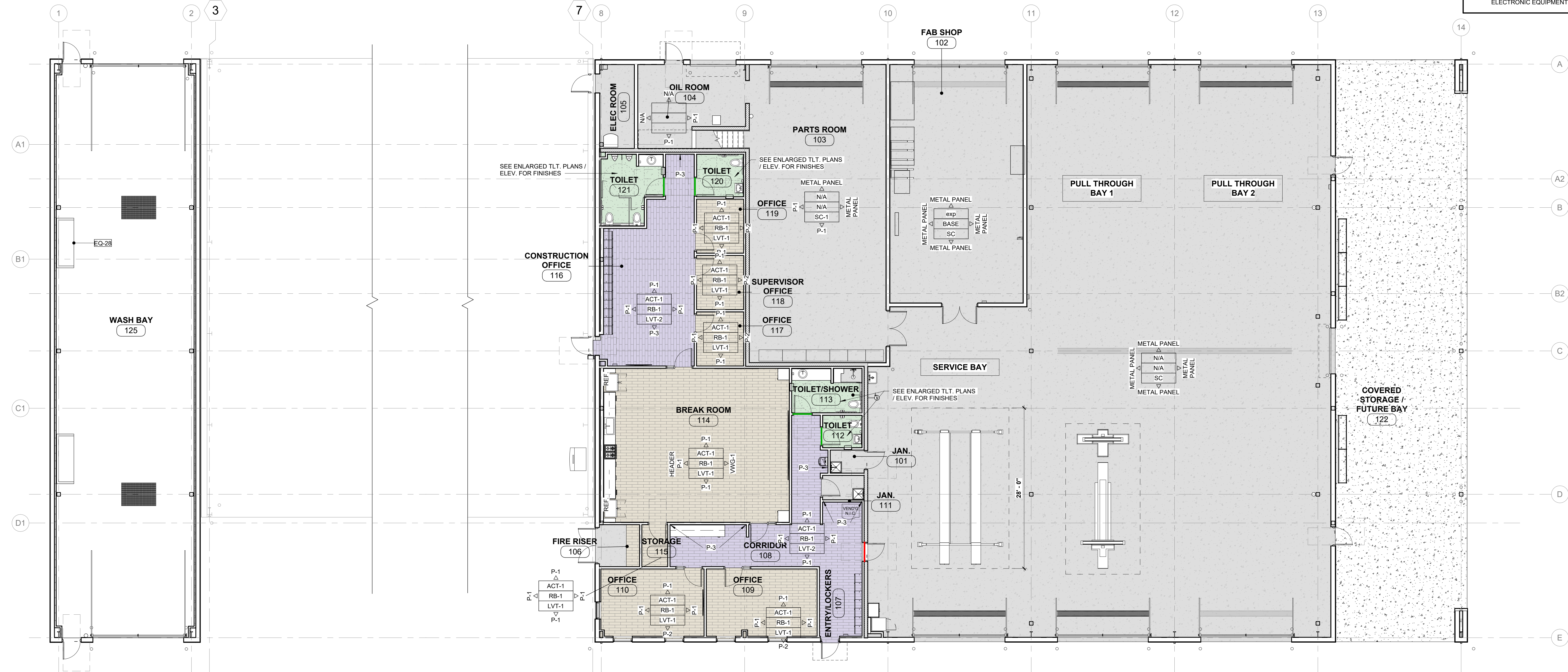


1 BREAKROOM ELEVATION
3/8" = 1'-0"

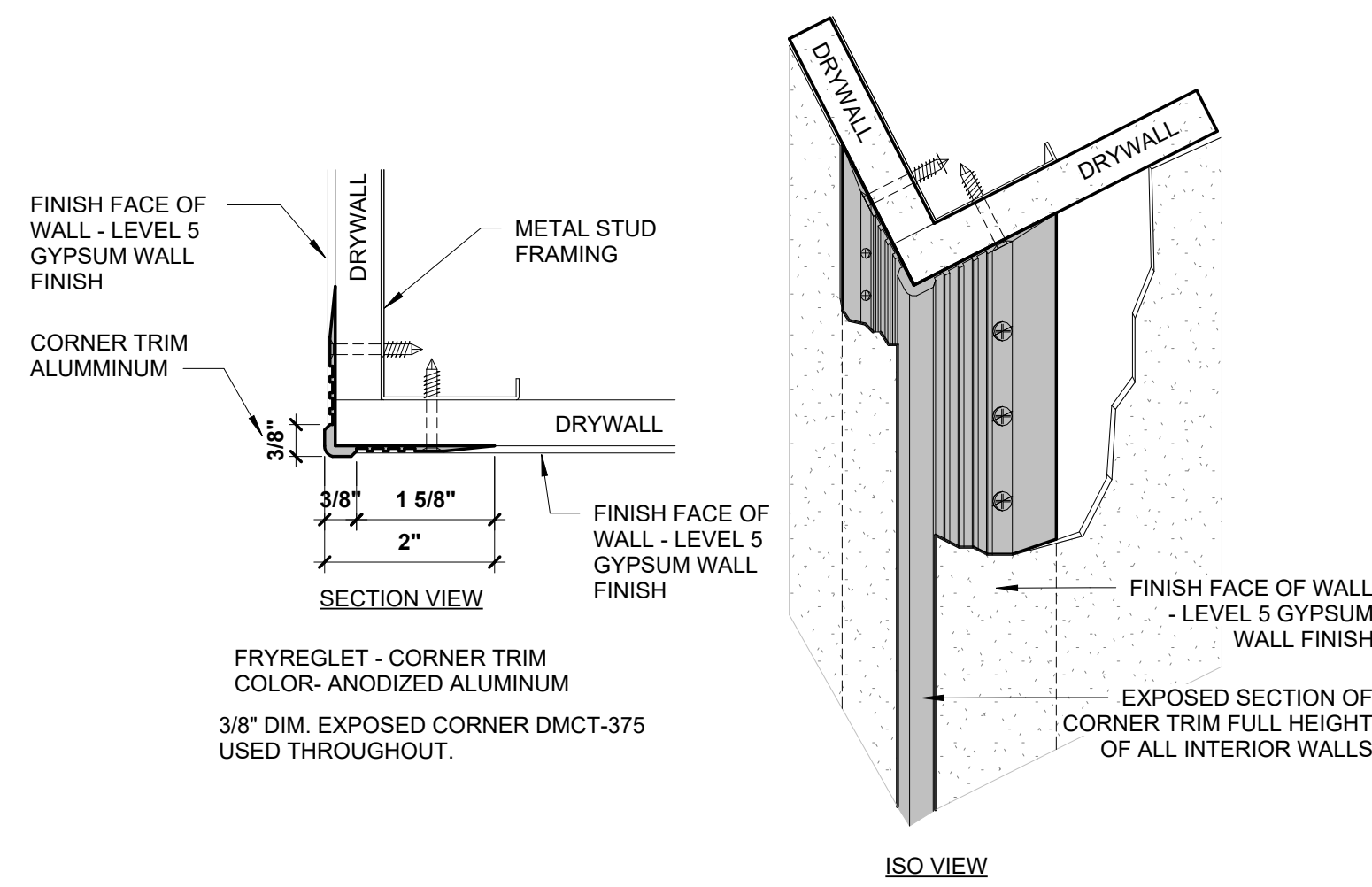
2/14/2025 11:52:25 AM Autodesk AutoCAD Electrical 2025 Maintenance Shop 12.095, English (US), Maintenance Shop.dwg



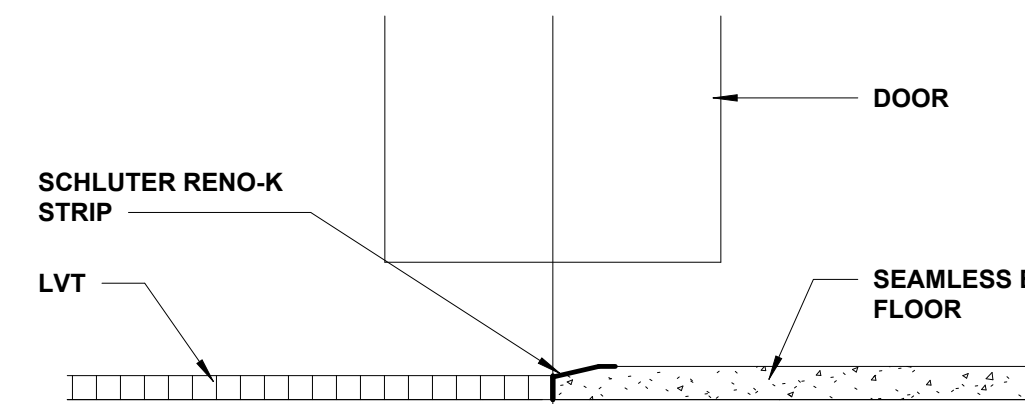
1 FLOOR PLAN
1/8" = 1'-0"



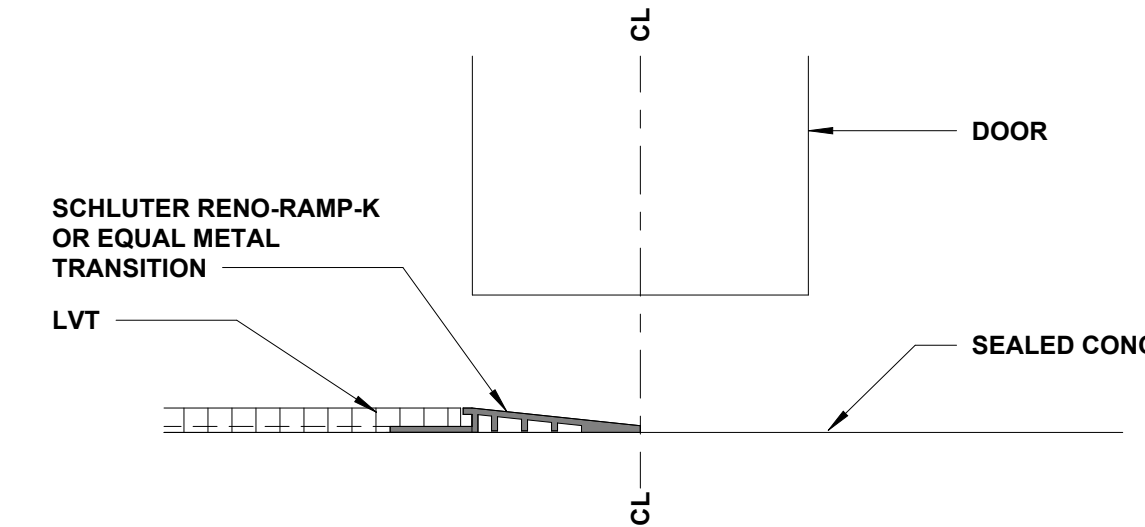
4 CORNER GUARD DETAIL
6" = 1'-0"



3 TS-4 - LVT TO SEAMLESS EPOXY FLOOR
FULL SCALE



2 TS-3 FLOOR TRANSITION - LVT to CONCRETE
12" = 1'-0"



PRODUCT LEGEND								
KEY	GENERIC DESCRIPTION	MANUFACTURER	STYLE	COLOR	FINISH	DIMENSIONS	LAYOUT	REMARKS
BASE								
EP-1	EPOXY BASE	TNEMEC	1C223-Q211	2102			TROWELED ON EPOXY BASE	
RB-1	RESILIENT BASE	JOHNSONITE	4" RUBBER BASE	283 TOAST	MATTE	4"	4' LENGTHS	
CEILING								
ACT-1	ACOUSTIC CEILING TILE	ARMSTRONG	LYRA CONCEALED	WHITE	SMOOTH	2' X 2' TILE	9/16" GRID	
EXP-1	EXPOSED INSULATION		DOUBLE LAYER ROOF INSULATION	WHITE	FLAT			
FLOOR								
EP-1	TROWELED ON EPOXY	TNEMEC	1C223-Q211	2102				
LVT-1	LUXURY VINYL TILE	SHAW CONTRACT	UNION 4349V	CONCRETE VALLEY		9" X 48"	ASHLAR	
LVT-2	LUXURY VINYL TILE	SHAW CONTRACT	COMMINGLE 4350V	SANDY 50111		9" X 48"	ASHLAR	
MILLWORK								
PL-1	PLASTIC LAMINATE	WILSONART	PARK ELM	7967K-12	SOFT GRAIN			MILLWORK
PL-2	PLASTIC LAMINATE	FORMICA	FENIX	VERDE COMODORO	MATTE FINISH			BREAKROOM MILLWORK
SS-1	SOLID SURFACE	WILSONART	ARCTIC DUNE	9253CM				
TRANSITION STRIP								
TS-1	METAL TRANSITION STRIP	SCHLUTER	JOLLY	STAINLESS STEEL				RESTROOM
TS-2	METAL TRANSITION STRIP	SCHLUTER	SCHENE	STAINLESS STEEL				RESTROOM
TS-3	METAL TRANSITION STRIP	SCHLUTER	RENO RAMP-K	STAINLESS STEEL				
TS-4	METAL TRANSITION STRIP	SCHLUTER	RENO-K	STAINLESS STEEL				
WALL								
EP-2	EPOXY PAINT	SHERWIN WILLIAMS	SW 7667	ZIRCON	EPOXY			
P-1	INTERIOR WALL PAINT	SHERWIN WILLIAMS	SW 7015	REPOSE GREY	EGGSHELL			CEILING
P-2	INTERIOR WALL PAINT	SHERWIN WILLIAMS	SW 7024	FUNCTIONAL GREY	EGGSHELL			
P-3	INTERIOR WALL PAINT	SHERWIN WILLIAMS	SW 6187	ROSEMARY	EGGSHELL			
P-4	INTERIOR DOOR FRAME PAINT	SHERWIN WILLIAMS	OSHA STANDARD SAFETY YELLOW	YELLOW				
P-5	INTERIOR DOOR FRAME PAINT	SHERWIN WILLIAMS	SW 7019	GAUNTLET GREY	SEMI-GLOSS			
VWC-1	VINYL WALLCOVERING	MOMENTUM	CUSTOM WALL GRAPHIC		VINYL			BREAK ROOM FEATURE WALL
WT-1	PORCELAIN WALL TILE	TILEBAR	PAINT	WHITE	POLISHED	3" X 12"	HORIZONTAL RUNNING	
WT-2	PORCELAIN WALL TILE	TILEBAR	PAINT	VERDE	POLISHED	3" X 12"	VERTICAL STRAIGHT STACK	RESTROOM
WINDOW								
RS-1	ROLLER SHADE	DRAPER	MANUAL ROLLER SHADE	SOLAR 3% - CHARCOAL		FIELD VERIFY		

FLOOR PATTERN LEGEND	
FLOORING MATERIALS	
	SC-1: SEALED CONCRETE
	LVT-1: LUXURY VINYL TILE
	LVT-2: LUXURY VINYL TILE
	EP-1: TROWELED ON EPOXY FLOORING
	TS-3: CONCRETE TO LVT FLOOR TRANSITION
	TS-4: LVT TO EP FLOOR TRANSITION

- SHEET NOTES**
- CONTRACTOR TO PROVIDE SAMPLES OF ALL SELECTED MATERIALS FOR ARCHITECT'S FINAL COLOR SELECTION AND APPROVAL PRIOR TO ORDERING. ALL FINISH SELECTIONS ARE SUBJECT TO CHANGE UNTIL FINAL DRAWINGS ARE ISSUED.
 - ALL TRANSITION DETAILS TO BE COORDINATED WITH ARCHITECT PRIOR TO ORDERING. SEE FLOOR PATTERN PLANS FOR LOCATIONS.
 - ALL MEN'S & WOMEN'S RESTROOMS HAVING SOLID SURFACE COUNTERTOPS TO RECEIVE UNDERMOUNTED SEAMLESS SOLID SURFACE ADA BOWLS, BY1512, COLOR: LINEN WHITE. CONTRACTOR TO VERIFY WITH SUB. CONT. OR WINDOW SHADE SUPPLIER ALL DIMENSIONS, SIZES, POWER REQUIREMENTS, CONTROL AND MOUNTING REQUIREMENTS FOR ALL WINDOW SHADES MECH. AND WINDOW TREATMENT. LOCATIONS TO BE FOUND ON RCP.
 - ALL WINDOW SILLS TO BE SOLID SURFACE, SS-1.
 - CONTRACTOR TO VERIFY ALL WIRING REQUIRED FOR ALL AUTOMATED SHADES AND CONTROLS PRIOR TO GWB FINISH OUT.
 - ACCENT PAINT LOCATIONS AS INDICATED ON PAINT PLANS. WALL TRANSITION STRIPS LOCATED ON THIS PLAN.
 - CORNER GUARDS TO BE INSTALLED ON ALL CORNERS. ALL HOLLOW METAL DOORS AND FRAMES TO BE PAINTED, COLOR: P-5 UNLESS OTHERWISE NOTED ON PAINT PLANS. ACCENT FRAME COLORS TO BE FOUND ON PAINT PLANS.
 - ALL EXPOSED METAL STRUCTURE TO BE PAINTED, COLOR: P-5 UNLESS OTHERWISE NOTED ON PAINT PLANS.
 - ALL FLOORING JOINTS TO ALIGN WITH CONTROL JOINTS. CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH STRUCTURAL DRAWINGS.
 - ALL ELECTRICAL DEVICES, SWITCHES, AND OUTLET COVERS TO BE COLOR: WHITE.
 - EXPANSION JOINT LOCATIONS TO BE VERIFIED WITH STRUCTURAL DRAWINGS.
 - REFER TO RCP FOR LOCATIONS FOR GWB FURR DOWNS. ALL FURR DOWNS TO RECEIVE PAINT OR WC AS SCHEDULED. COORDINATE ALL CEILING MATERIALS AND SIZES WITH RCP LAYOUT.
 - ALL SOLID SURFACE COUNTER WITH A 4" BACKSPLASH ARE TO BE INTEGRAL VERTICAL AND HORIZONTAL SURFACES.
 - LOCATION OF GROMMETS ON HORIZONTAL SURFACES TO BE VERIFIED BY ARCHITECT PRIOR TO INSTALL.
 - GC TO PROVIDE BLOCKING FOR ALL TVs AND WALL HUNG ELECTRONIC EQUIPMENT.

SHEET

CONTENTS

PROJECT TITLE

FINISH SCHEDULE, PLAN, AND
DETAILS

CRAIGHEAD ELECTRIC
MAINTENANCE SHOP ADDITION
4314 STADIUM BLVD.
JONESBORO, ARKANSAS

WDD
ARCHITECTS



24-096
JOB NO.
02.14.2025
DATE

ISSUE
A610

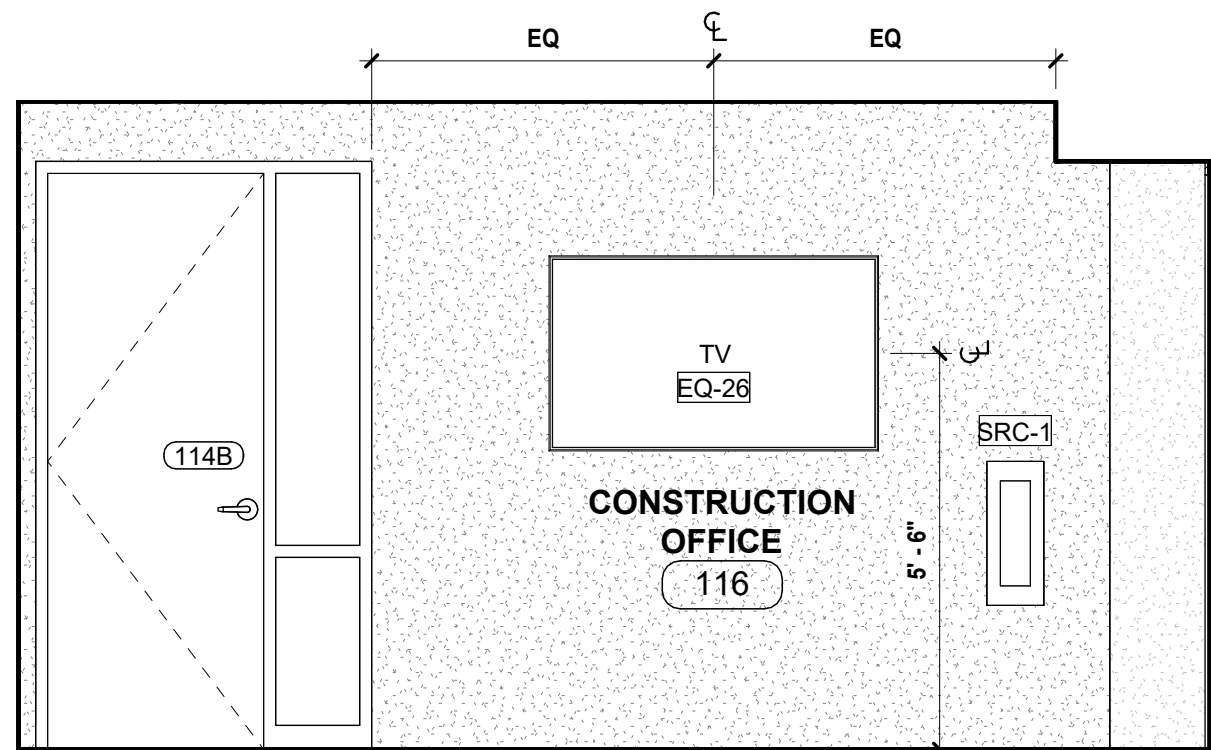
2/14/2025 11:52:29 AM AutoCAD 2024 (Craighead Electric Maintenance Shop 12.086) Craighead Electric Maintenance Shop.rvt

SPECIALTIES SCHEDULE					
TAG	DESCRIPTION	MANUFACTURER	MODEL	COUNT	COMMENTS
FX-1	SHURRACK OPEN SHELVING	SHURE	14	1	
FX-2	SHURRACK OPEN SHELVING	SHURE	16	1	
FX-3	SHURRACK OPEN SHELVING	SHURE	16A	17	
FX-4	HIGH-DENSITY HEAVY DUTY DRAWER UNIT	SHURE	316	3	
FX-5	HIGH-DENSITY HEAVY DUTY DRAWER UNIT	SHURE	316A	5	
FX-6	HIGH-DENSITY HEAVY DUTY DRAWER UNIT	SHURE	314A	5	
FX-7	SHURRIVET RACK OPEN SHELVING	SHURE	V504A	2	
FX-8	SHURRIVET RACK OPEN SHELVING	SHURE	V507A	1	
FX-9	SHURRIVET RACK OPEN SHELVING	SHURE	V507	1	
FX-10	TIRE RACKS			6	

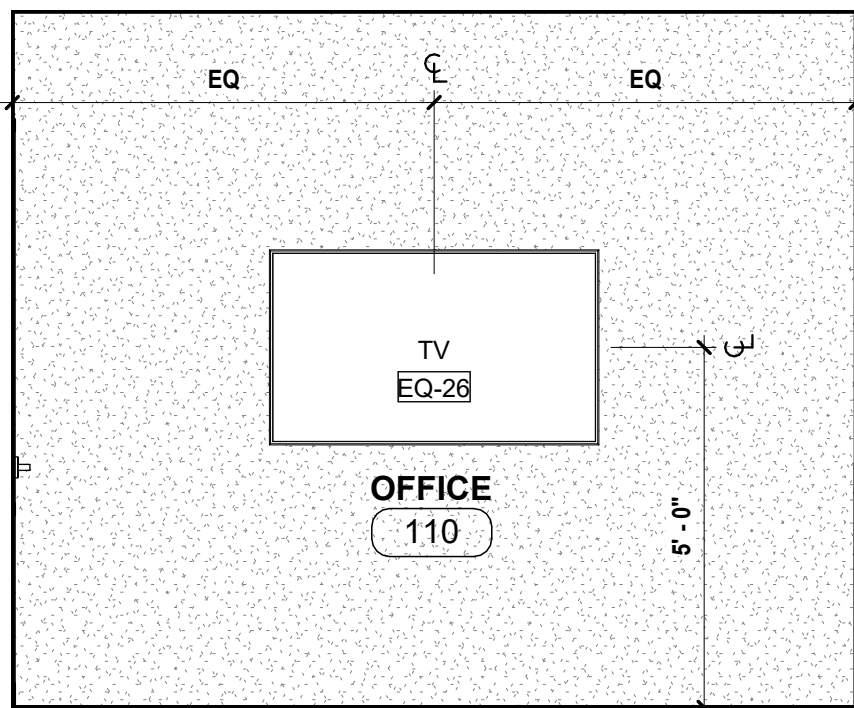
RACKING SCHEDULE									
TAG	DESCRIPTION	MANUFACTURER	MODEL	COUNT	OFCI	OFOI	CFCI	COMMENTS	
EQ-1	SHURRACK OPEN SHELVING	SHURE	14	1		Yes			
EQ-2	SHURRACK OPEN SHELVING	SHURE	16	1		Yes			
EQ-3	SHURRACK OPEN SHELVING	SHURE	16A	17		Yes			
EQ-4	HIGH-DENSITY HEAVY DUTY DRAWER UNIT	SHURE	316	3		Yes			
EQ-5	HIGH-DENSITY HEAVY DUTY DRAWER UNIT	SHURE	316A	5		Yes			
EQ-6	HIGH-DENSITY HEAVY DUTY DRAWER UNIT	SHURE	314A	5		Yes			
EQ-7	SHURRIVET RACK OPEN SHELVING	SHURE	V504A	2		Yes			
EQ-8	SHURRIVET RACK OPEN SHELVING	SHURE	V507A	1		Yes			
EQ-9	SHURRIVET RACK OPEN SHELVING	SHURE	V507	1		Yes			
EQ-10	TIRE RACKS			6		Yes			

EQUIPMENT SCHEDULE									
TAG	DESCRIPTION	MANUFACTURER	MODEL	OFCI	OFOI	CFCI	COMMENTS		
EQ-1	VERTICAL AIR COMPRESSOR	QUINCY			Yes				
EQ-2	TRASH CART	ULINE			Yes				
EQ-3	30K 4-POST / ALIGNMENT LIFT	CHALLENGER LIFTS	4030		Yes				
EQ-4	MODULAR INGROUND LIFT	ROTARY LIFT	MOD235-18	Yes			REF. NOTE 5		
EQ-5	MODULAR INGROUND LIFT POWER UNIT	PLC Power Unit		Yes			REF. NOTE 5		
EQ-6	CANTILEVER STORAGE RACK				Yes				
EQ-7	WELDER W/ RUNNING GEAR	MILLER			Yes				
EQ-8	FIRE CABINET	ULINE	H-1565		Yes				
EQ-9	INDUSTRIAL TABLE (90"W X 30"D)				Yes				
EQ-10	POWDER COAT OVEN (48"W X 48"D X 60"H)				Yes				
EQ-11	INDUSTRIAL SHELVING (96"W X 24" D)	Southwest Solutions Group, SPA	WS		Yes				
EQ-12	OIL TANKS				Yes				
EQ-13	USED OIL CONTAINER	ROTH	DWT 1500L		Yes				
EQ-14	FRONT LOAD WASHER	SPEED QUEEN	SF7007WE			Yes			
EQ-15	FRONT LOAD DRYER	SPEED QUEEN	SF7007WE			Yes			
EQ-16	FRENCH DOOR REFRIGERATOR	KITCHENAID	KRF302ESS			Yes			
EQ-17	30" ELECTRIC COOKTOP & DOUBLE OVEN	KITCHENAID	KFED500ESS			Yes			
EQ-18	COFFEE MAKER	BUNN	H-10899			Yes			
EQ-19	RELOCATED ICE MACHINE				Yes				
EQ-20	COPIER MACHINE - RELOCATED				Yes				
EQ-21	24" BUILT-IN DISHWASHER	KITCHENAID	KDTE204KPS			Yes			
EQ-22	VERSAMAX PHENOLIC LOCKERS- 18" X 18"	LIST INDUSTRIES				Yes			
EQ-23	BUILT-IN MICROWAVE OVEN	KITCHENAID	KMBD104GSS			Yes			
EQ-24	RANGE HOOD	VENTAHOOD	PDL14130			Yes			
EQ-25	OVERHEAD SINGLE GIRDER TRAVELLING CRANE	KONECRANES	100124MM-01	Yes			REF. NOTE 6		
EQ-26	FLAT SCREEN TV		60" SHOWN		Yes		OWNER TO PROVIDE BRACKET & DEVICE		
EQ-27	FLAT SCREEN TV		80" SHOWN		Yes		OWNER TO PROVIDE BRACKET & DEVICE		
EQ-28	HIGH PRESSURE CLEANING SYSTEM	PSC CLEAN	ES429K424A		Yes		REF. NOTE 7		

- SHEET NOTES**
- NO FINISH SUBSTITUTIONS MAY BE MADE UNLESS APPROVED BY ARCHITECT
 - NOTIFY ARCHITECT IMMEDIATELY OF ITEMS WITH LONG LEAD TIMES.
 - CONTRACTOR TO COMPLY WITH MANUFACTURER'S SPECIFICATIONS FOR INSTALLATION OF ALL FLOORING, AND FINISHES.
 - GROUT LINES FOR TILE BASE AND FLOOR TILE TO ALIGN.
 - FOR EQ-4 & EQ-5, GC TO COORDINATE CONCRETE WORK, CONDUIT, REBAR REQ. AND ALL ASSOCIATE WORK W/ IN-GROUND POST SUPPLIER.
 - CONTACT MARK McDANIEL W/ MIDANIEL EQUIPMENT CO. AT 501-951-0431 FOR COORDINATION.
 - FOR EQ-25 GC TO COORDINATE FOUNDATION WORK, CONDUIT, REBAR REQ. AND ALL ASSOCIATE WORK W/ IN-GROUND POST SUPPLIER. CONTACT MARK MOORE W/ KONECRANES, INC. AT 615-232-8513 FOR COORDINATION.
 - FOR EQ-28 GC TO COORDINATE FOUNDATION WORK, CONDUIT, PLUMBING ROUTING, REBAR REQ. AND ALL ASSOCIATE WORK W/ IN-GROUND REQUIREMENTS. REF. PLUMBING FOR SCOPE. CONTACT RANDALL GODWIN W/ WHITING SYSTEMS AT 870-323-0276 FOR COORDINATION.
 - FURNITURE ON PLAN IS FOR REFERENCE ONLY. OWNER WILL PURCHASE OUTSIDE OF CONSTRUCTION SCOPE.



4 CONSTRUCTION OFFICE ELEVATION
3/8" = 1'-0"



3 OFFICE ELEVATION
3/8" = 1'-0"



2 FURNITURE, FIXTURES AND EQUIPMENT PLAN - MEZZANINE
1/8" = 1'-0"

1 FURNITURE, FIXTURES AND EQUIPMENT PLAN
1/8" = 1'-0"



CRAIGHEAD ELECTRIC
MAINTENANCE SHOP ADDITION
4314 STADIUM BLVD.
JONESBORO, ARKANSAS

PROJECT TITLE

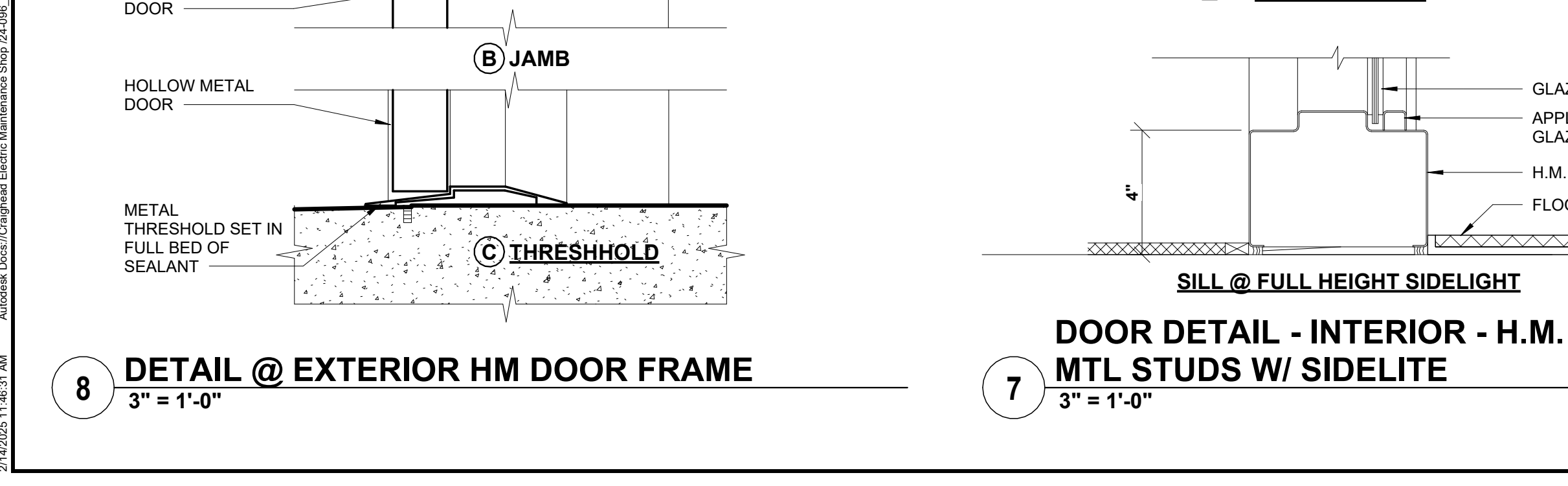
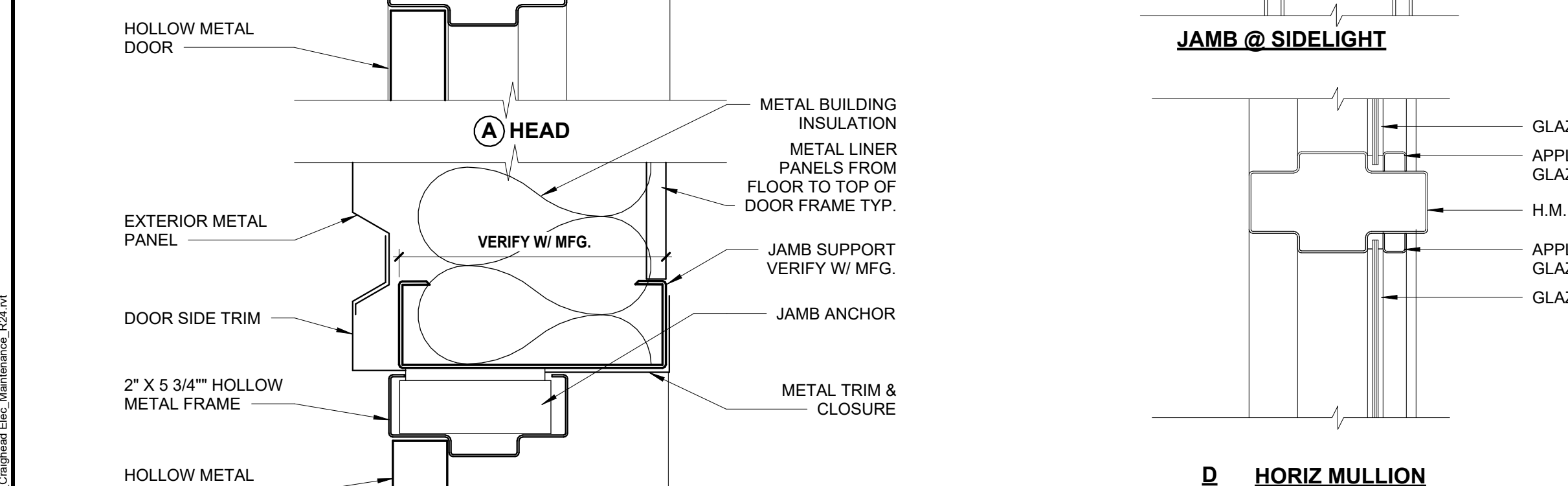
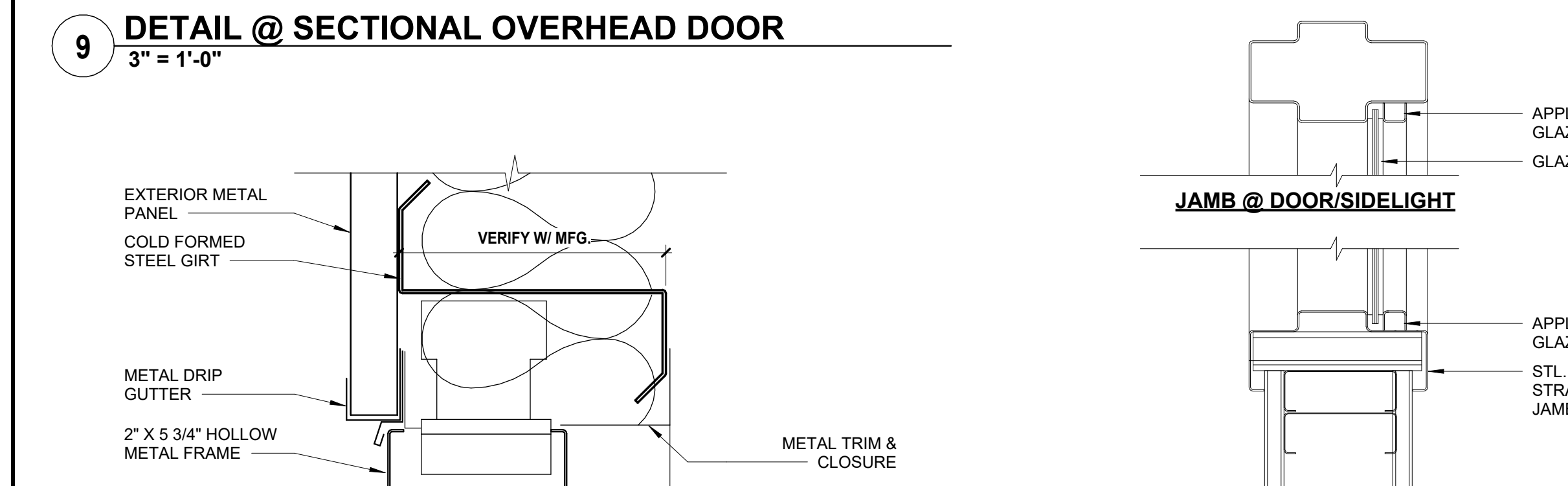
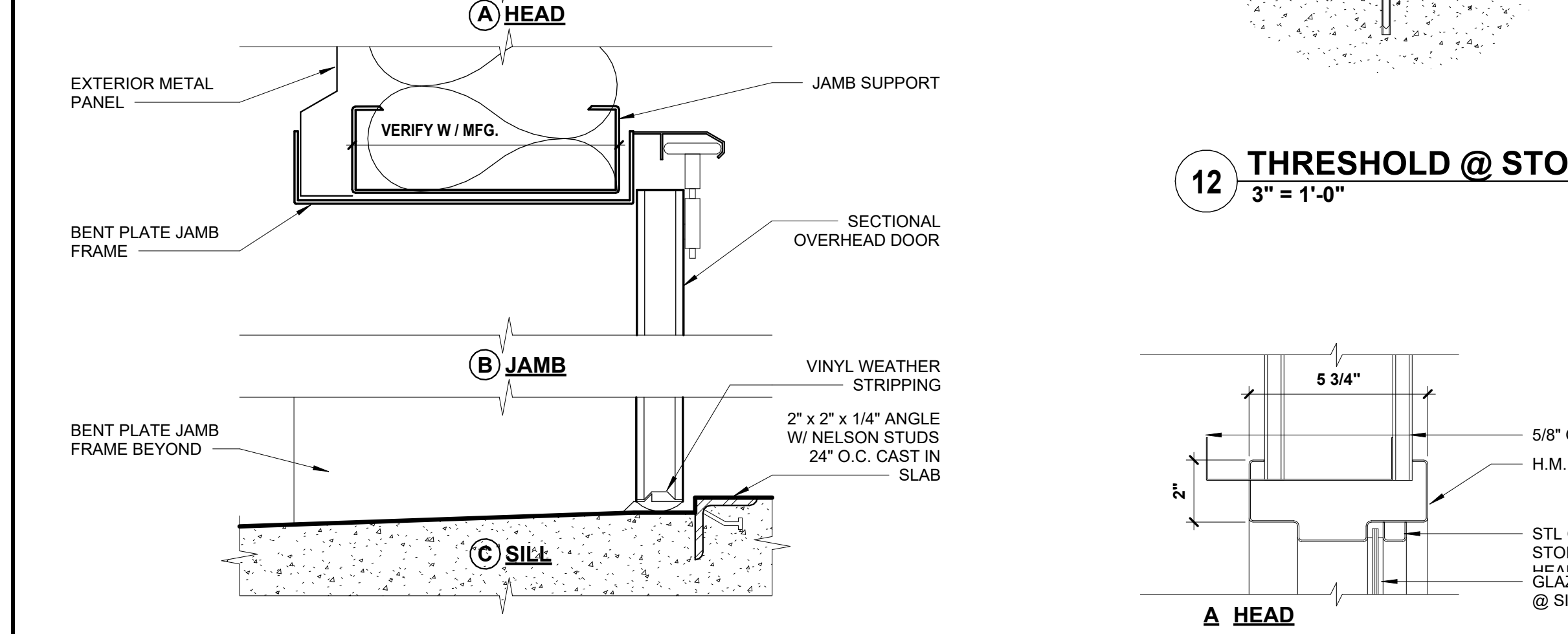
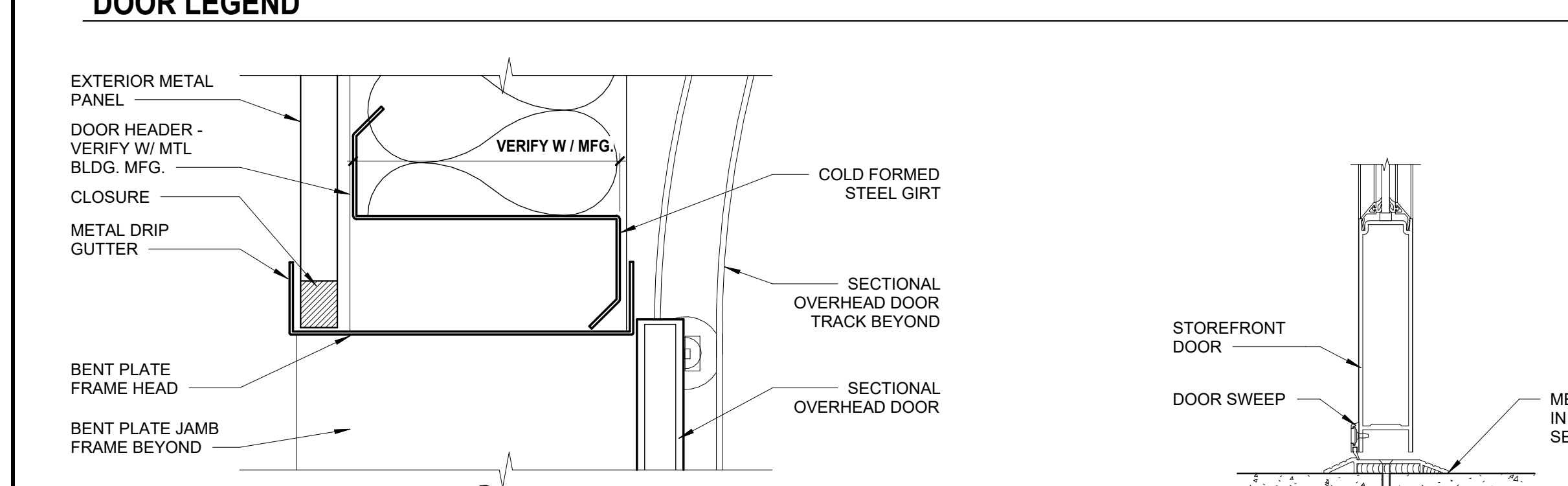
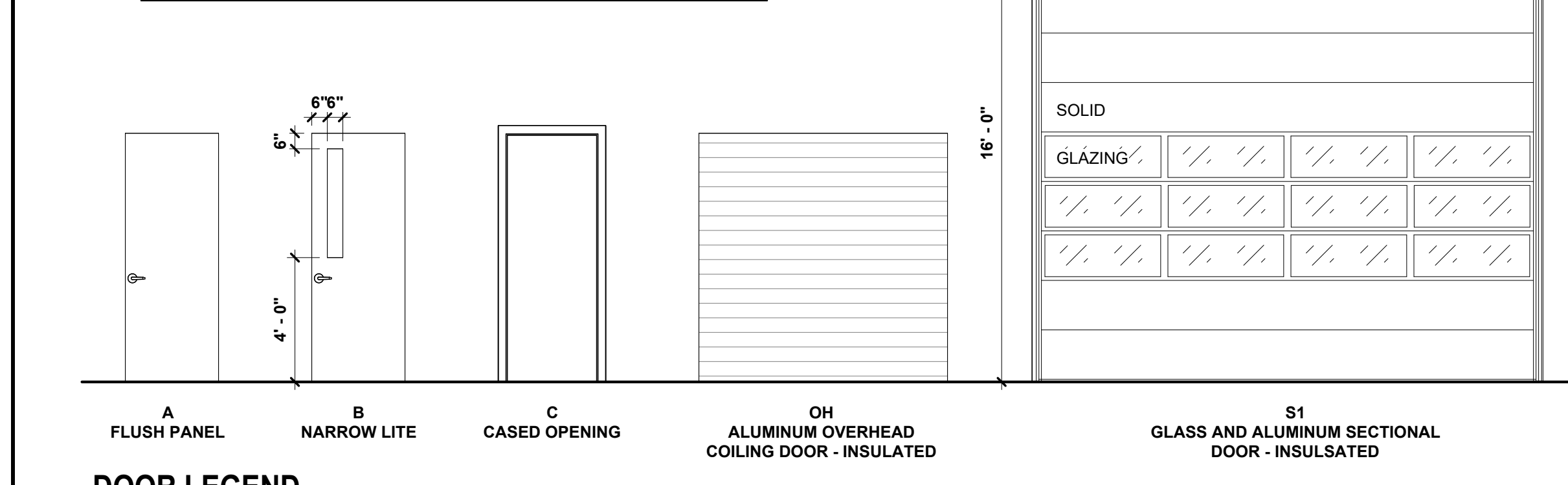
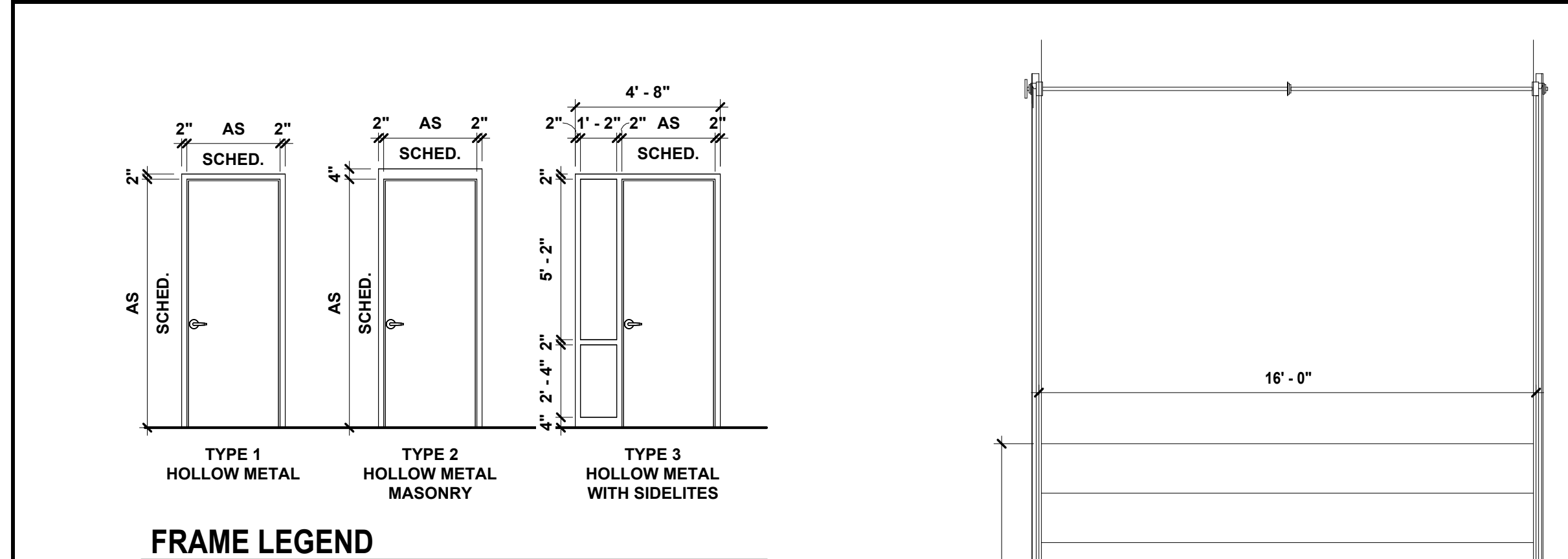
FURNITURE, FIXTURES, AND
EQUIPMENT PLAN AND
SCHEDULES

CONTENTS

NO.	DATE	DESCRIPTION
24-096		JOB. NO.
02.14.2025		DATE

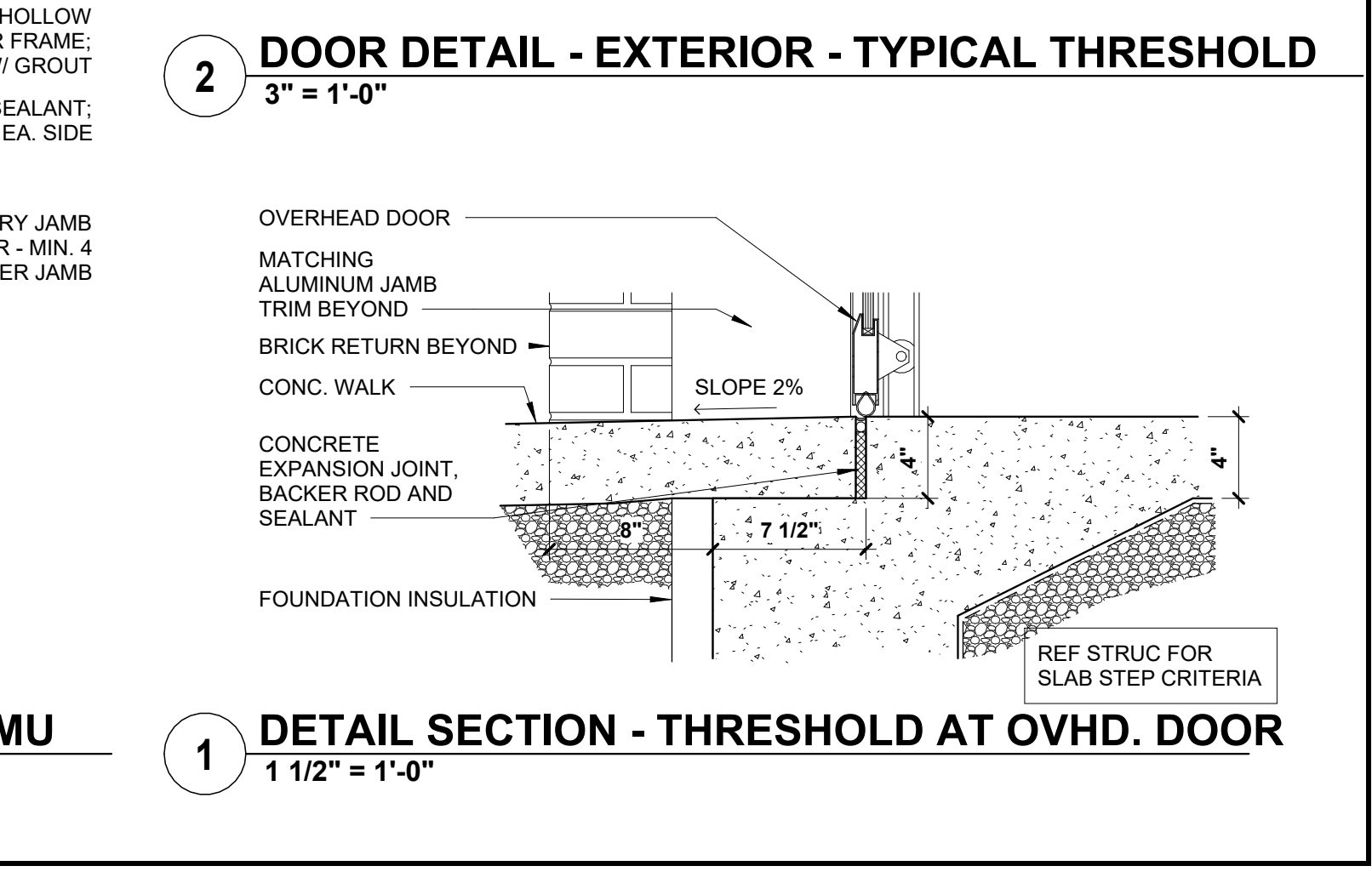
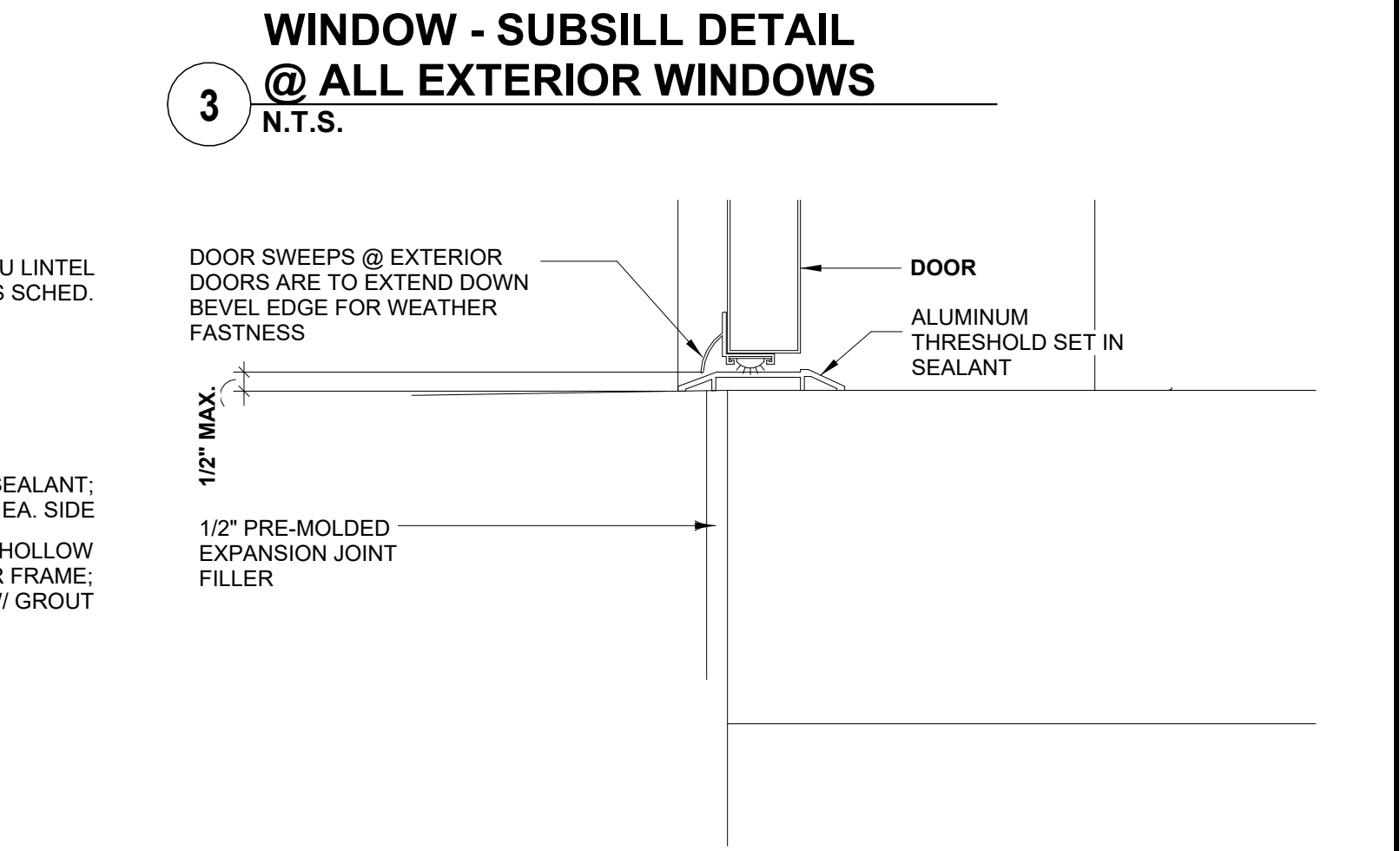
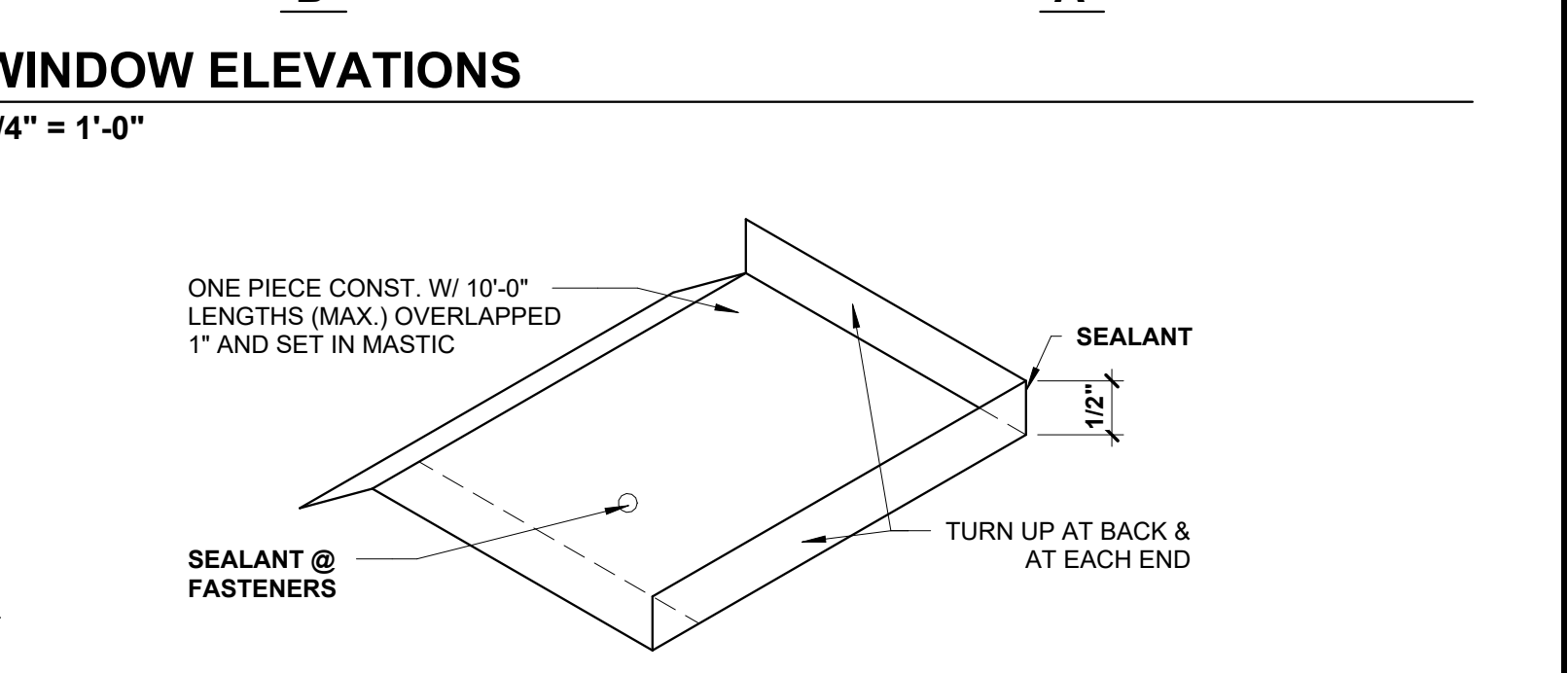
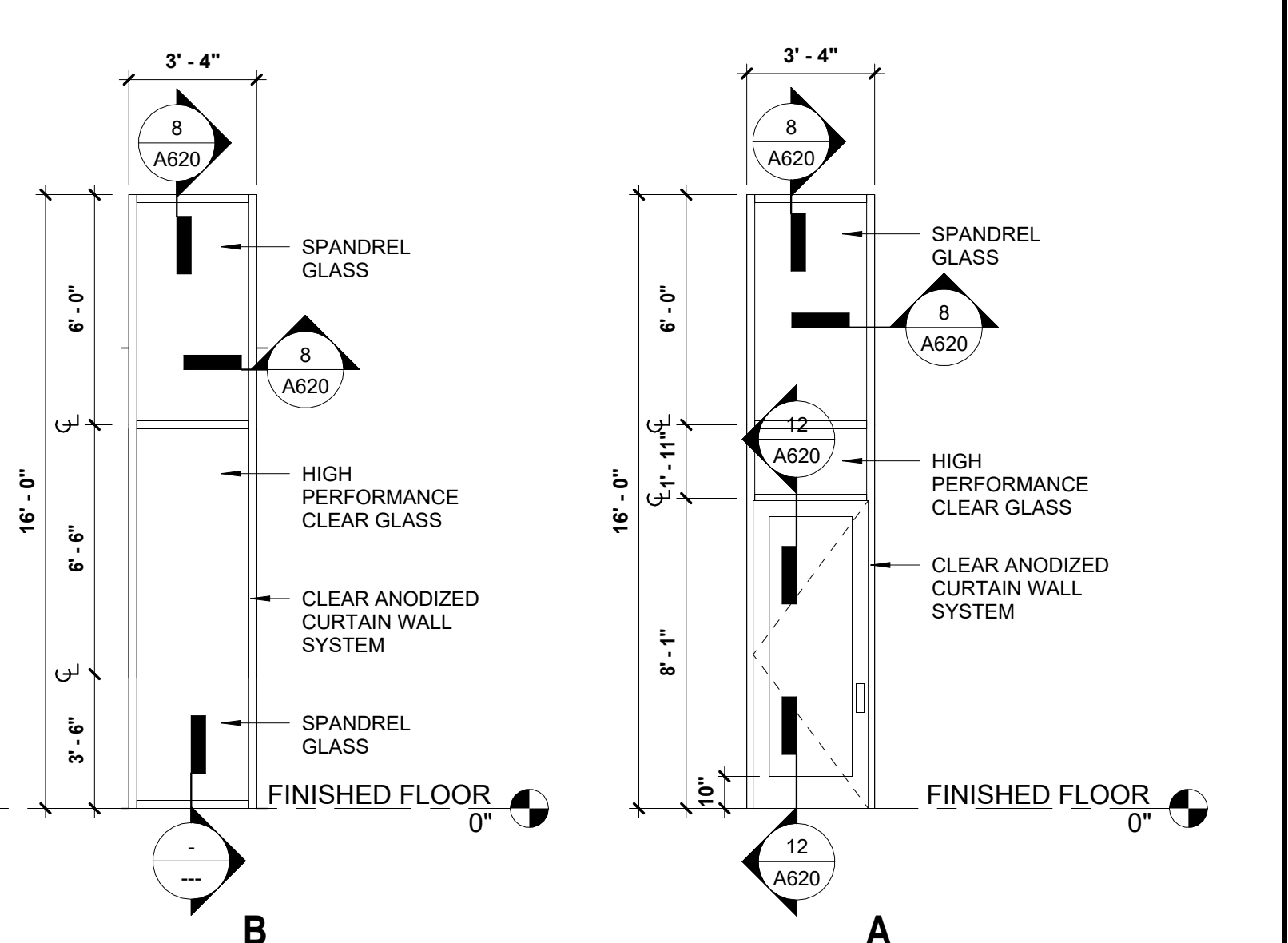
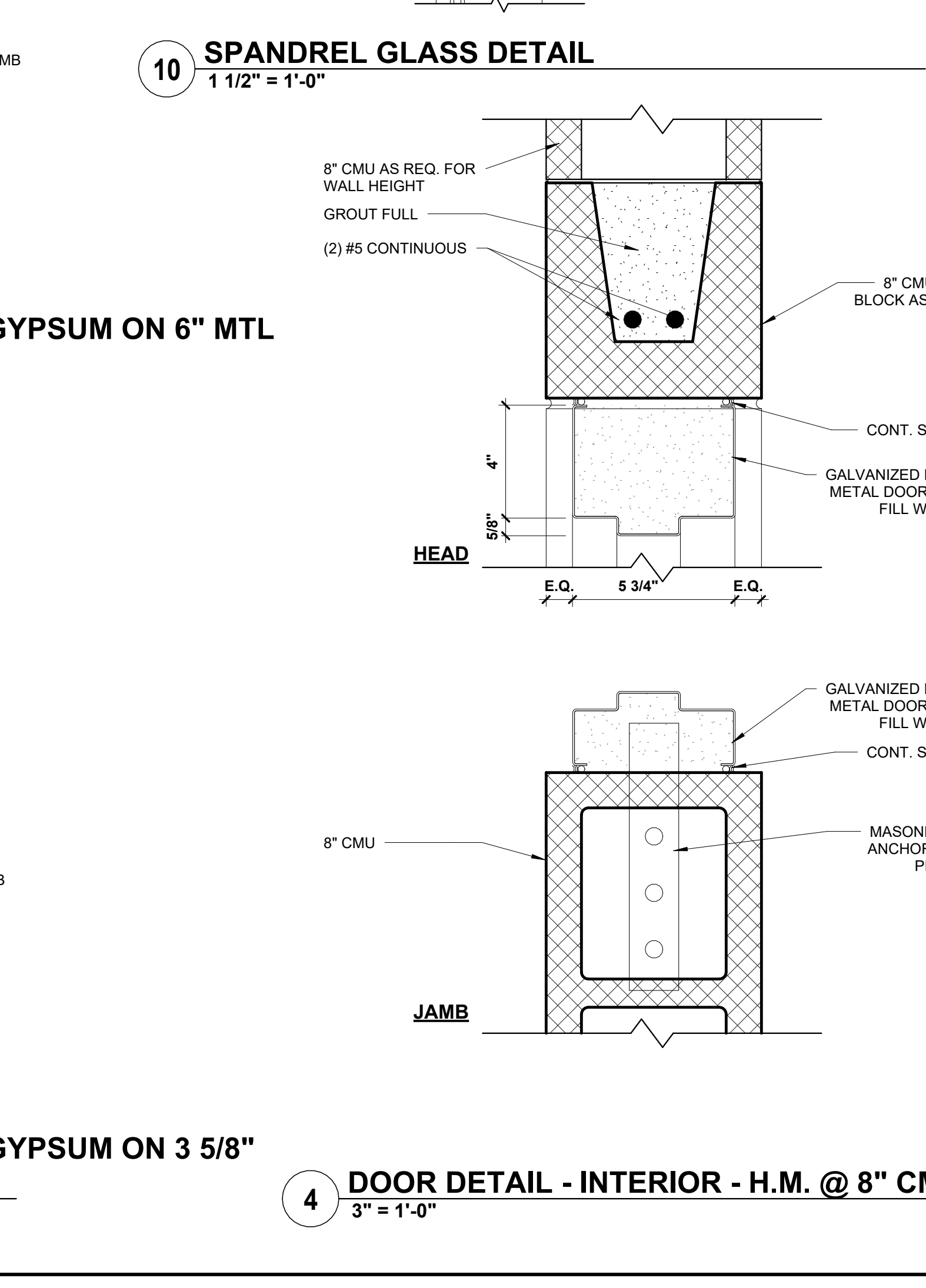
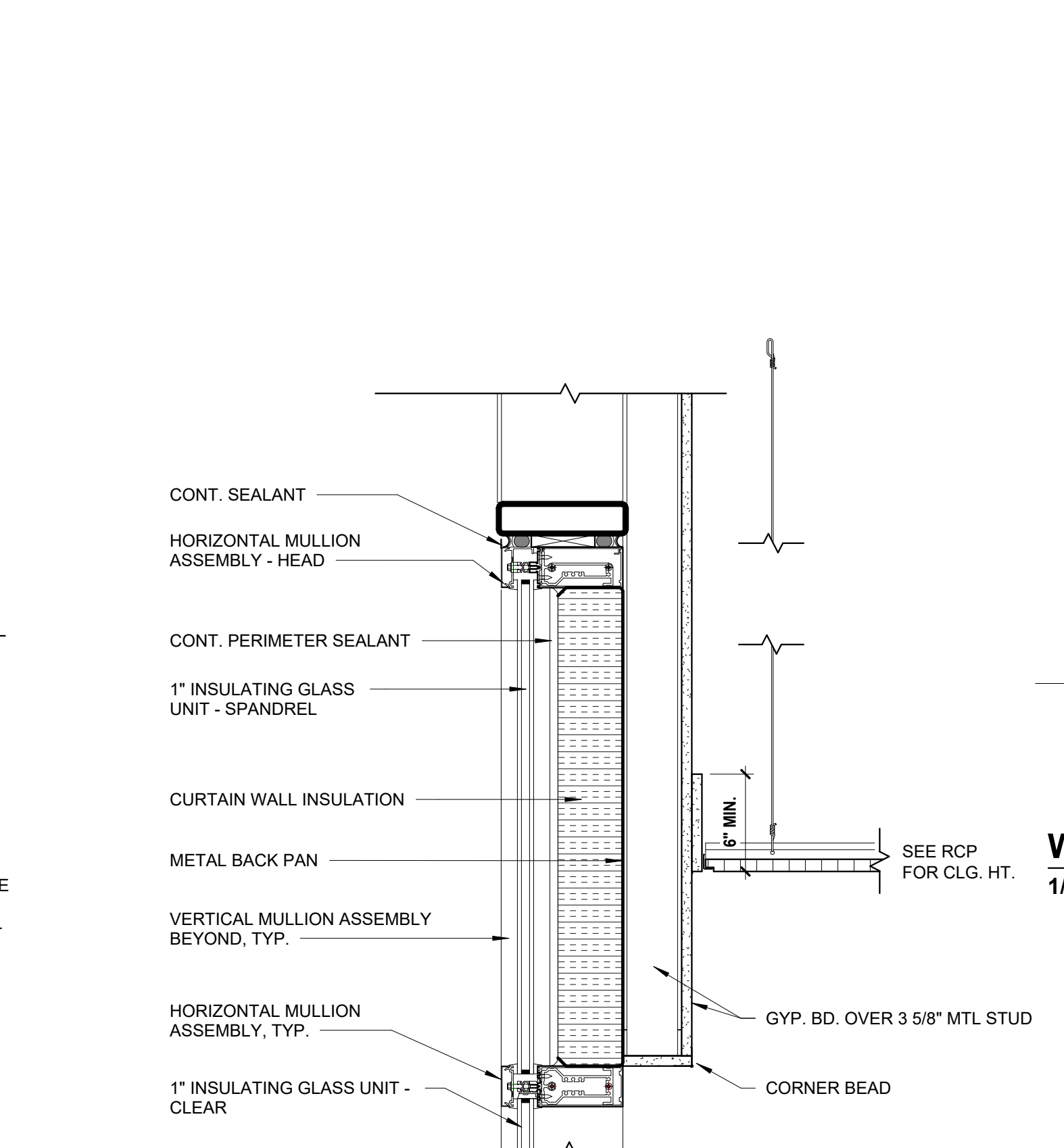
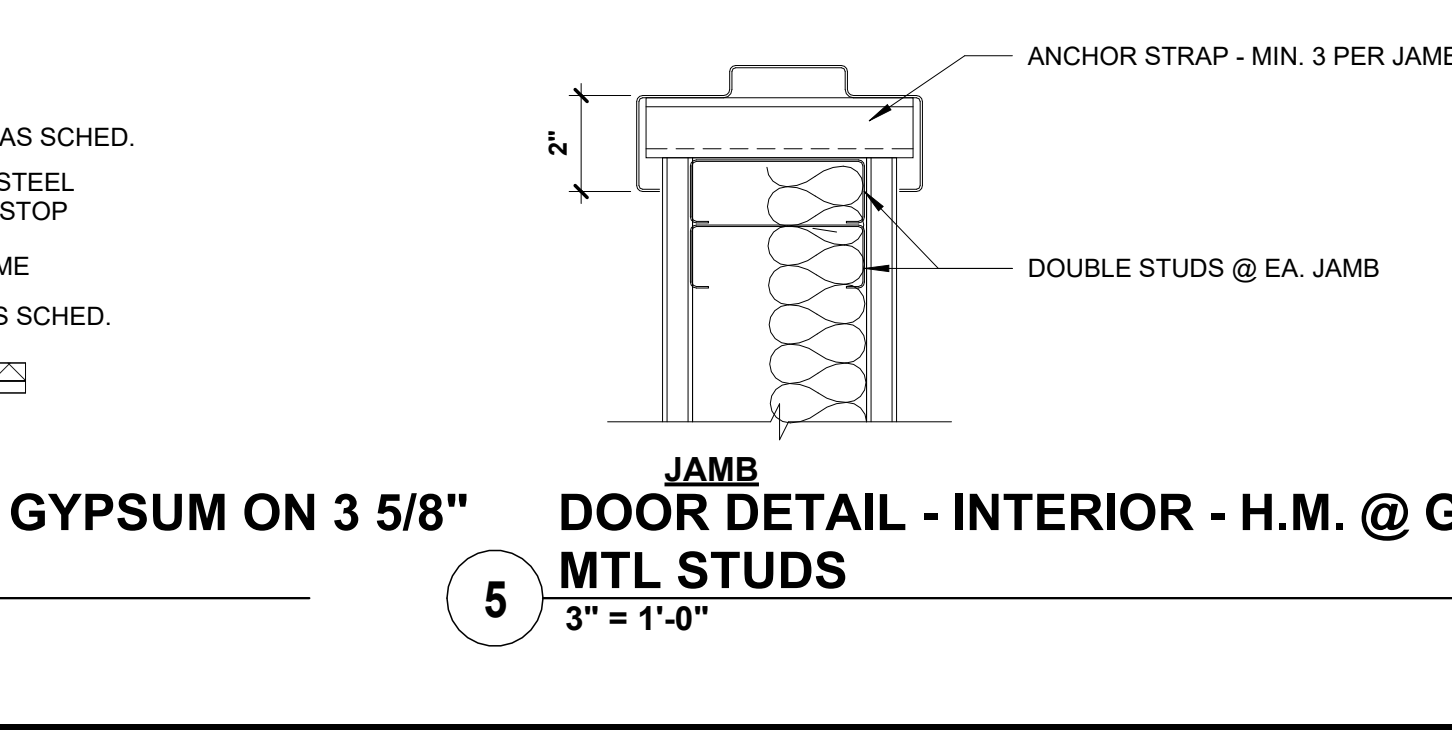
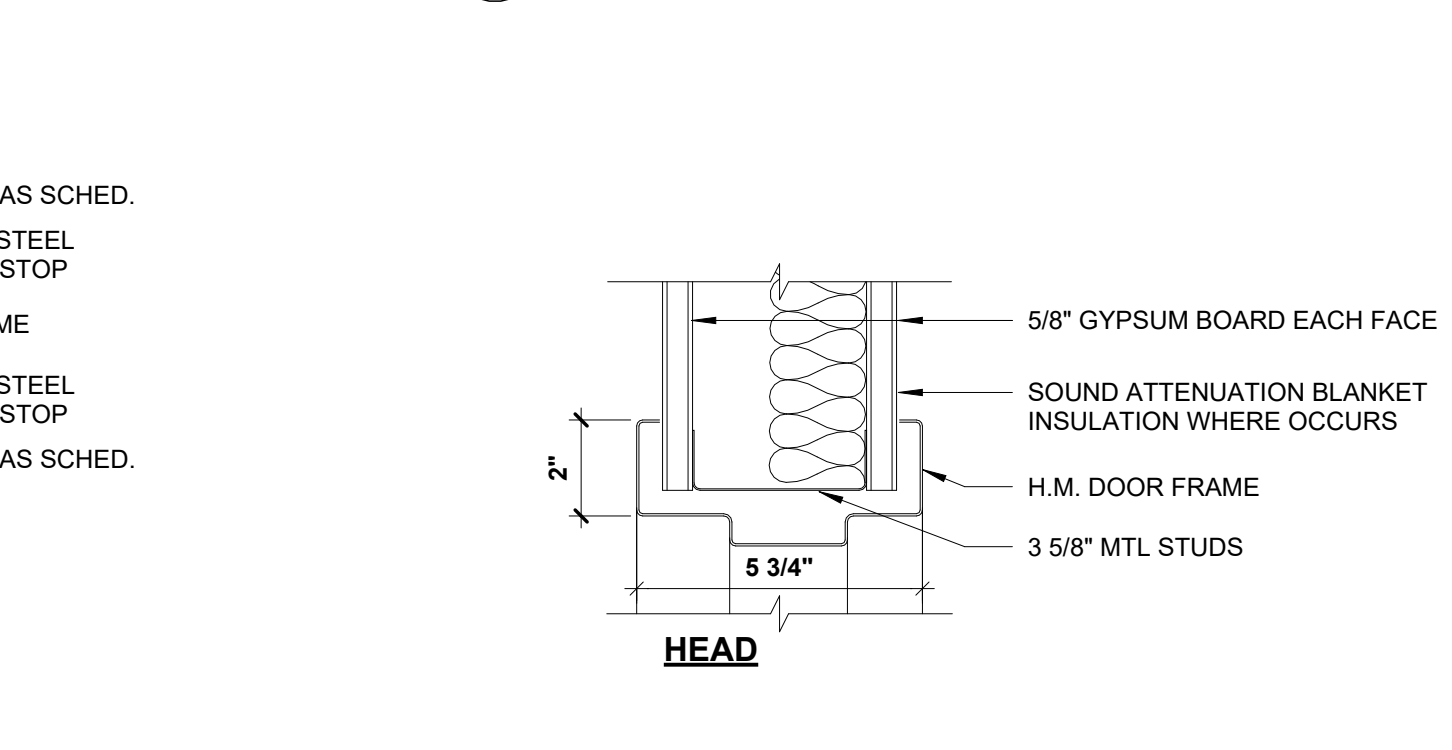
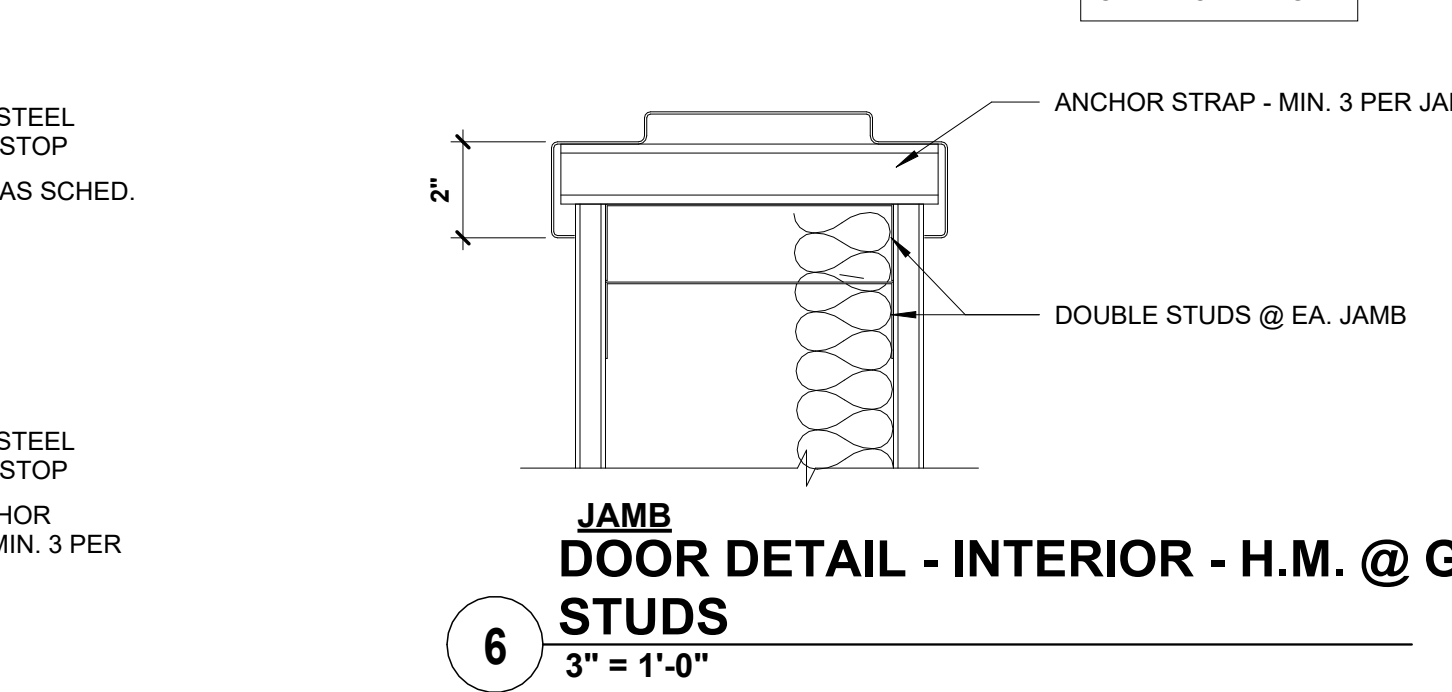
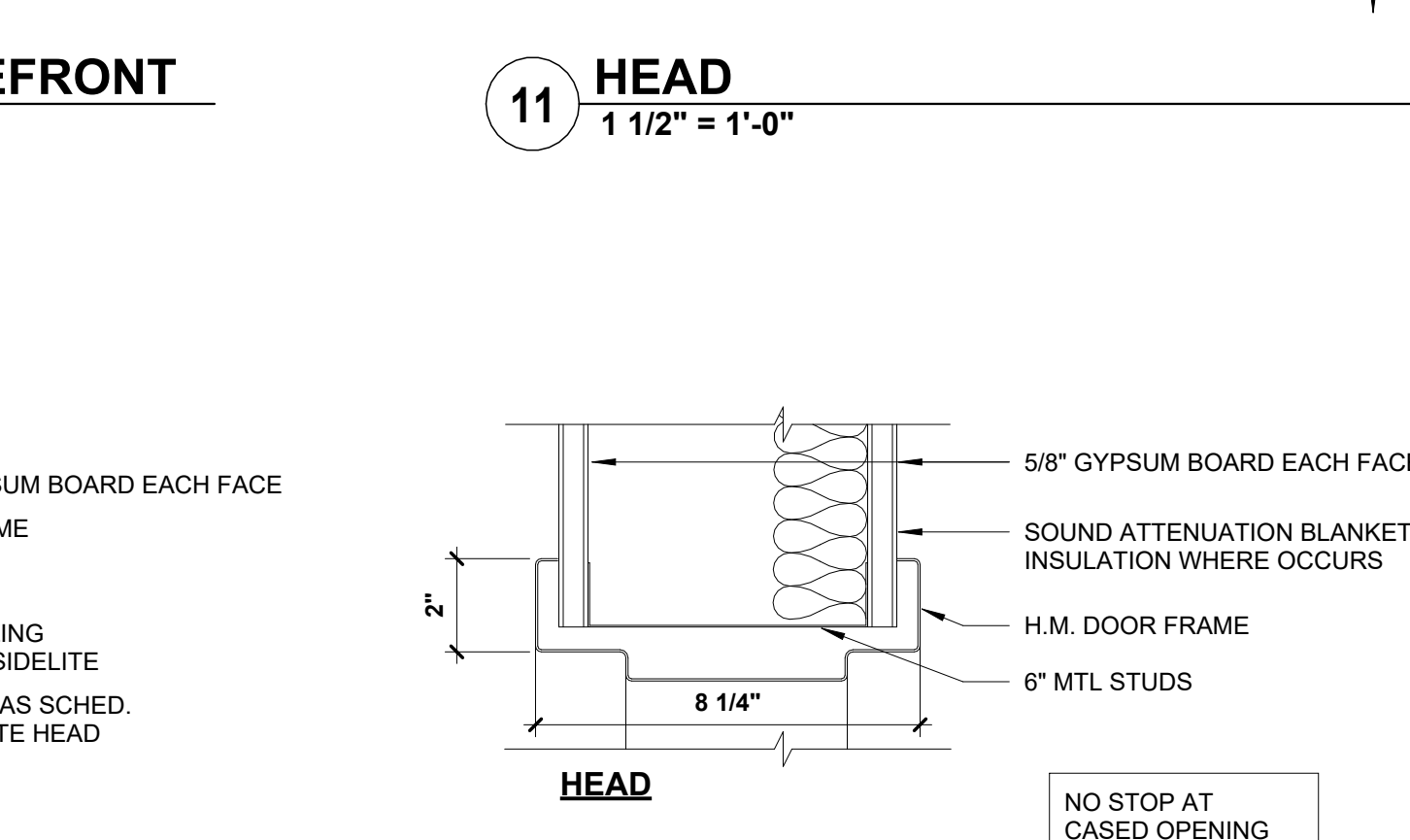
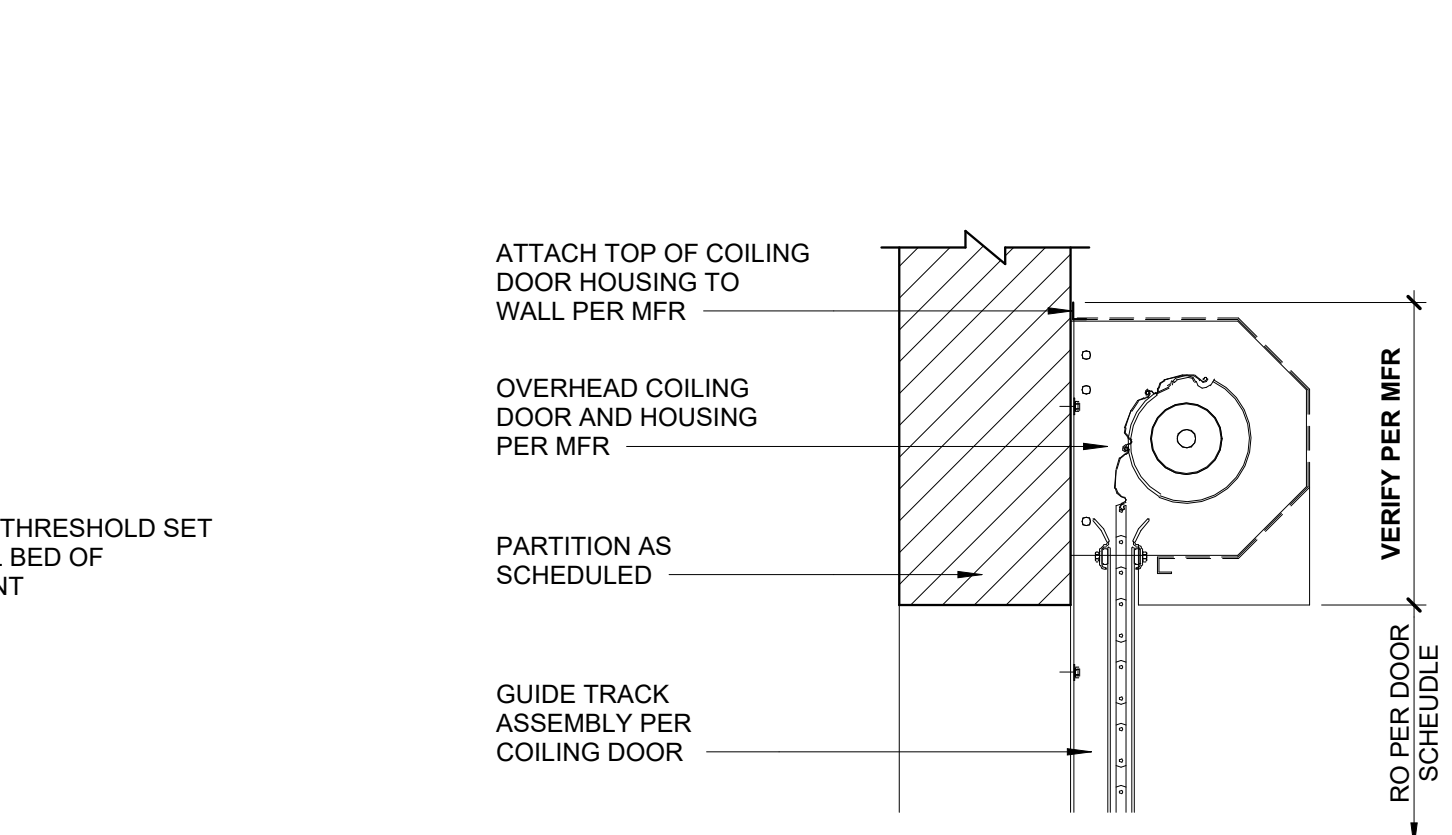
ISSUE
A611

SHEET



DOOR SCHEDULE														
DOOR NUMBER	ROOM NAME	TYPE	DOOR INFORMATION					FRAME INFORMATION			HEAD	JAMB	SILL	HARDWARE
			WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	TYPE	MATERIAL	FINISH				
100A	SHOP BAYS	S1	16'-0"	16'-0"	2"	---	---	---	---	---	9/A620	9/A620	9/A620	001
100B	SHOP BAYS	S1	16'-0"	16'-0"	2"	---	---	---	---	---	9/A620	9/A620	9/A620	001
100C	SHOP BAYS	S1	16'-0"	16'-0"	2"	---	---	---	---	---	9/A620	9/A620	9/A620	001
100D	SHOP BAYS	F	3'-0"	8'-0"	1 3/4"	HM	P-5	1	HM	P-5	8/A620	8/A620	8/A620	C205T
100E	SHOP BAYS	E	8'-0"	10'-0"	2"	---	---	---	---	---	---	---	---	---
100F	SHOP BAYS	F	3'-0"	8'-0"	1 3/4"	HM	P-5	1	HM	P-5	8/A620	8/A620	8/A620	C205T
100G	SHOP BAYS	S1	16'-0"	16'-0"	2"	---	---	---	---	---	9/A620	9/A620	9/A620	001
100H	SHOP BAYS	S1	16'-0"	16'-0"	2"	---	---	---	---	---	9/A620	9/A620	9/A620	001
101A	SHOP BAYS	F	3'-0"	7'-0"	1 3/4"	HM	P-5	2	HM	P-5	4/A620	4/A620	2/A620	203
102A	FAB SHOP	S1	16'-0"	16'-0"	2"	---	---	---	---	---	9/A620	9/A620	9/A620	001
102B	FAB SHOP	F	6'-0"	8'-0"	1 3/4"	HM	P-5	1	HM	P-5	8/A620	8/A620	---	510CT
103A	PARTS ROOM	S1	16'-0"	16'-0"	2"	---	---	---	---	---	9/A620	9/A620	9/A620	001
103B	PARTS ROOM	F	6'-0"	8'-0"	1 3/4"	HM	P-5	1	HM	P-5	8/A620	8/A620	---	510CT
104A	OIL ROOM	OH	8'-0"	8'-0"	2"	---	---	---	---	---	---	---	---	001
104B	OIL ROOM	C	4'-0"	7'-0"	3/4"	HM	---	1	HM	P-5	4/A620	4/A620	---	---
104C	OIL ROOM	F	3'-0"	8'-0"	1 3/4"	HM	P-5	1	HM	P-5	8/A620	8/A620	8/A620	205T
105A	EXISTING TRUCK SHED	F	3'-0"	8'-0"	1 3/4"	HM	P-5	1	HM	P-5	8/A620	8/A620	8/A620	785T
105B	ELEC ROOM	C	3'-4"	8'-1"	---	HM	P-5	1	HM	P-5	6/A620	6/A620	---	---
106A	FIRE RISER	F	6'-0"	7'-0"	1 3/4"	HM	P-5	1	HM	P-5	6/A620	6/A620	2/A620	214
107A	ENTRY/LOCKERS	SF	3'-0"	8'-0 1/4"	1 3/4"	ALUM & GLASS	ANODIZED	---	ALUMINUM	---	REF WINDOW ELEV.	REF WINDOW ELEV.	REF WINDOW ELEV.	C715A
108A	CORRIDOR	F	3'-0"	7'-0"	1 3/4"	HM	P-5	2	HM	P-5	4/A620	4/A620	2/A620	501C
109A	OFFICE	F	3'-0"	8'-0"	1 3/4"	WOOD	---	3	HM	P-5	4/A620	4/A620	---	103T
110A	OFFICE	F	3'-0"	8'-0"	1 3/4"	WOOD	---	3	HM	P-5	4/A620	4/A620	---	103T
111A	JAN.	F	3'-0"	8'-0"	1 3/4"	WOOD	---	1	HM	P-5	4/A620	4/A620	---	203T
112A	TOILET	F	3'-0"	8'-0"	1 3/4"	WOOD	---	1	HM	P-5	4/A620	4/A620	---	341T
113A	TOILET/SHOWER	F	3'-0"	8'-0"	1 3/4"	WOOD	---	1	HM	P-5	4/A620	4/A620	---	341T
114A	CORRIDOR	F	3'-0"	8'-0"	1 3/4"	WOOD	---	3	HM	P-5	4/A620	4/A620	---	801T
114B	BREAK ROOM	F	3'-0"	8'-0"	1 3/4"	WOOD	---	3	HM	P-5	4/A620	4/A620	---	801T
115A	STORAGE	F	3'-0"	8'-0"	1 3/4"	WOOD	---	1	HM	P-5	4/A620	4/A620	---	503T
116A	EXISTING TRUCK SHED	F	3'-0"	8'-0"	1 3/4"	HM	P-5	1	HM	P-5	8/A620	8/A620	8/A620	C785T
116B	CONSTRUCTION OFFICE	C	3'-4"	8'-0"	---	HM	P-5	1	HM	P-5	6/A620	6/A620	---	---
117A	OFFICE	F	3'-0"	8'-0"	1 3/4"	WOOD	---	3	HM	P-5	4/A620	4/A620	---	103T
118A	SUPERVISOR OFFICE	F	3'-0"	8'-0"	1 3/4"	WOOD	---	3	HM	P-5	4/A620	4/A620	---	103T
119A	OFFICE	F	3'-0"	8'-0"	1 3/4"	WOOD	---	3	HM	P-5	4/A620	4/A620	---	103T
120A	TOILET	F	3'-0"	8'-0"	1 3/4"	WOOD	---	1	HM	P-5	4/A620	4/A620	---	341T
121A	CONSTRUCTION OFFICE	F	3'-0"	8'-0"	1 3/4"	WOOD	---	1	HM	P-5	4/A620	4/A620	---	801T
125A	WASH BAY	F	3'-0"	8'-0"	1 3/4"	HM	P-5	2	HM	P-5	4/A620	4/A620	2/A620	105
125B	WASH BAY	S1	16'-0"	16'-0"	2"	---	---	---	---	---	9/A620	9/A620	9/A620	001
125C	WASH BAY	S1	16'-0"	16'-0"	2"	---	---	---	---	---	9/A620	9/A620	9/A620	001
125D	WASH BAY	F	3'-0"	8'-0"	1 3/4"	HM	P-5	2	HM	P-5	4/A620	4/A620	2/A620	105
202A	EQUIPMENT ROOM	Q	6'-0"	8'-0"	1 3/4"	HM	P-5	1	HM	P-5	6/A620	6/A620	---	210T

- SHEET NOTES**
- FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION.
 - DETAILS PROVIDED FOR PURPOSES OF DESIGN INTENT. VENDOR TO COORDINATE GLAZING AND FRAME SPECIFICATIONS WITH MANUFACTURER'S DETAILS AND SUBMIT COMPLETE SHOP DRAWINGS FOR REVIEW.
 - PROVIDE WEATHER SEALS ON ALL EXTERIOR DOOR PER ANSI STANDARDS.
 - ALL EGRESS REQUIREMENTS TO MEET CODE REQUIREMENTS.
 - HARDWARE VENDOR TO PROVIDE HARDWARE SUBMITTAL TO OWNER & ARCHITECT FOR FINAL APPROVAL - REF DOOR SCHEDULE FOR ANY OMISSIONS / CHANGES TO HARDWARE REQUIRED.
 - WOOD DOORS INTERIOR FLUSH* 1 3/4" TH. SOLID PARTICLE 5-PLY CORE CONSTRUCTION. CORE SHALL BE NONRATED COMPLYING WITH AWI SECTION 1300 TYPICAL PC-PARTICLE BOARD.





SITE PLAN - MAINTENANCE SHOP

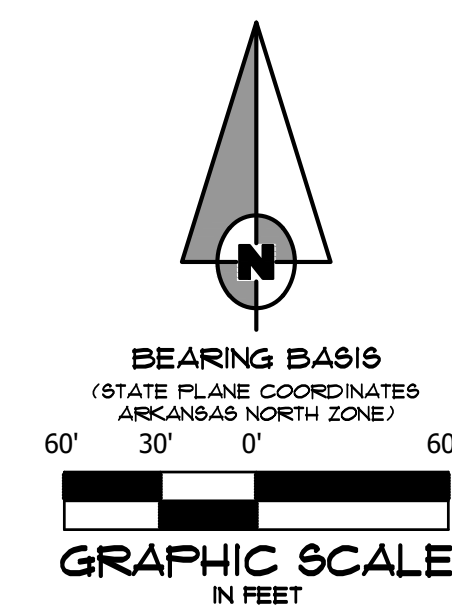
NO.	DATE	DESCRIPTION
-----	------	-------------

24-096

02.14.2025

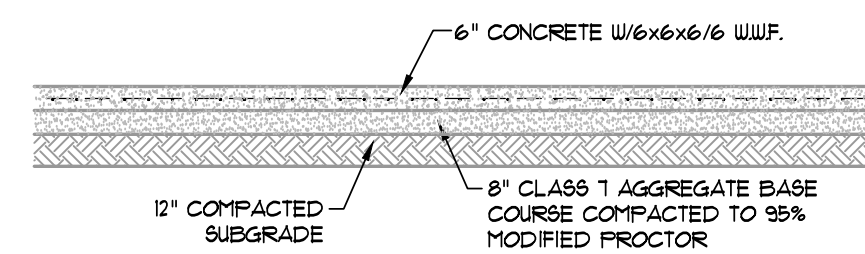
ISSUE SET

C001



SITE NOTES

1. ALL DIMENSIONS ARE TO THE FACE OF CURB, UNLESS OTHERWISE NOTED.
2. ALL CURB RETURN RAOUS SHALL BE 5' UNLESS OTHERWISE NOTED.
3. THROUGHOUT ALL EXCAVATION ACTIVITIES, POSITIVE DRAINAGE SHALL BE MAINTAINED WITHIN MINIMUM SLOPES OF 1.00% OR GREATER AND SURFACE DRAINAGE GENERALLY IN THE DIRECTION PROVIDED BY EXISTING TOPOGRAPHY.
4. WORK SHALL PROGRESS IN SUCH A MANNER AS TO ALLOW THE EXISTING VEGETATION TO REMAIN AS LONG AS POSSIBLE, CONSISTENT WITH THE SCOPE OF WORK.
5. ALL ACCESSIBLE ROUTES SHALL HAVE A MAXIMUM CROSS SLOPE OF 2.0%. ALL ACCESSIBLE PARKING SPACES SHALL HAVE A MAXIMUM SLOPE OF 2.0% IN ALL DIRECTIONS.
6. ALL SLOP ELEVATIONS ARE AS SHOWN.
7. REMOVE AND DISPOSAL OF ALL DEBRIS AND OTHER MATERIAL AS SHOWN IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS.
8. ACCESS ALONG ROADWAY SHALL BE MAINTAINED AT ALL TIMES. CONSTRUCTION CITY, COUNTY OR STATE HIGHWAY TO AVOID SHALL BE COORDINATED WITH THE APPROPRIATE AGENCY.
9. TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES. THE CONTRACTOR SHALL GIVE AFFECTED PROPERTY OWNERS SUFFICIENT NOTICE PRIOR TO CONSTRUCTION OPERATIONS.
10. PARKING REQUIREMENTS:
ADDITIONAL PARKING NOT REQUIRED - NO BUILDING CONSTRUCTION THIS REUSE



SECTION - CONCRETE PAVING - HEAVY

ZT

TRACT 1
REPLAT OF LOTS 1 & 2
OF STADIUM PLACE
(NOT INCLUDED)
C-3 ZONING

BRENDAR VILLAGE
HORIZONTAL REGIME PH 2
(NOT INCLUDED)
R-3 ZONING

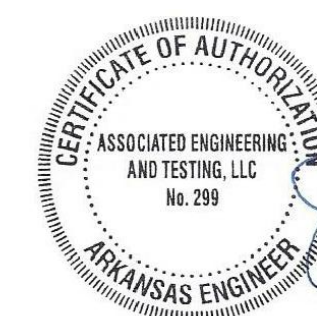
TOTAL AREA
1,155,380 SQ. FT.
26.52 ± ACRES


UNPLATTED
(NOT INCLUDED
D.1 ZONING

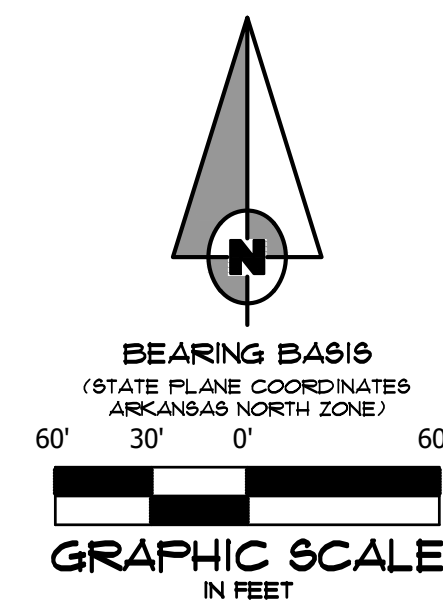
LOT 1
CONSOLIDATED YOUTH-
SERVICES ADDITION
(NOT INCLUDED)
C-3 ZONING

C/L AR HWY 1 (STADIUM BLVD.)

C/L FOX
MEADOW LN.

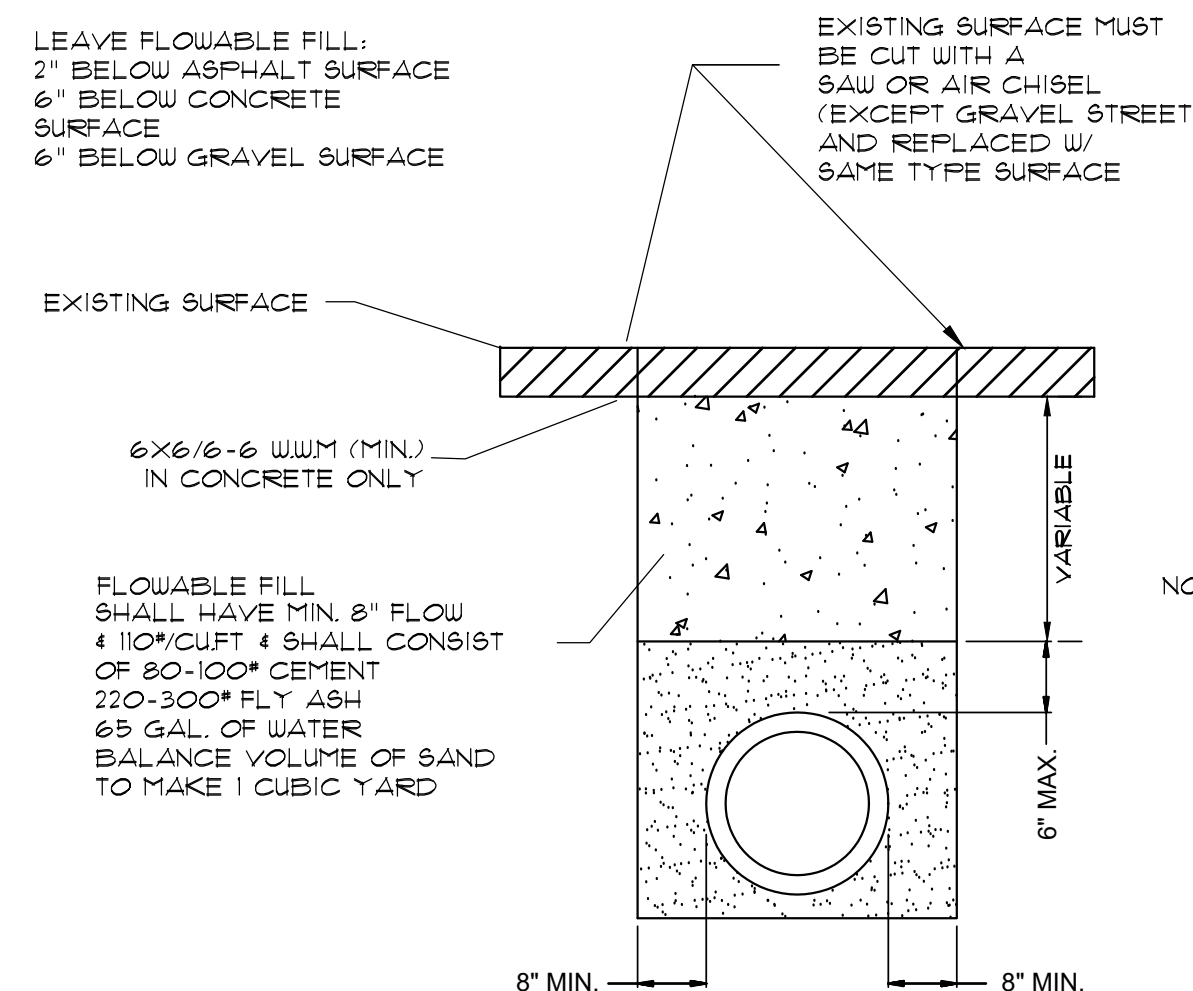
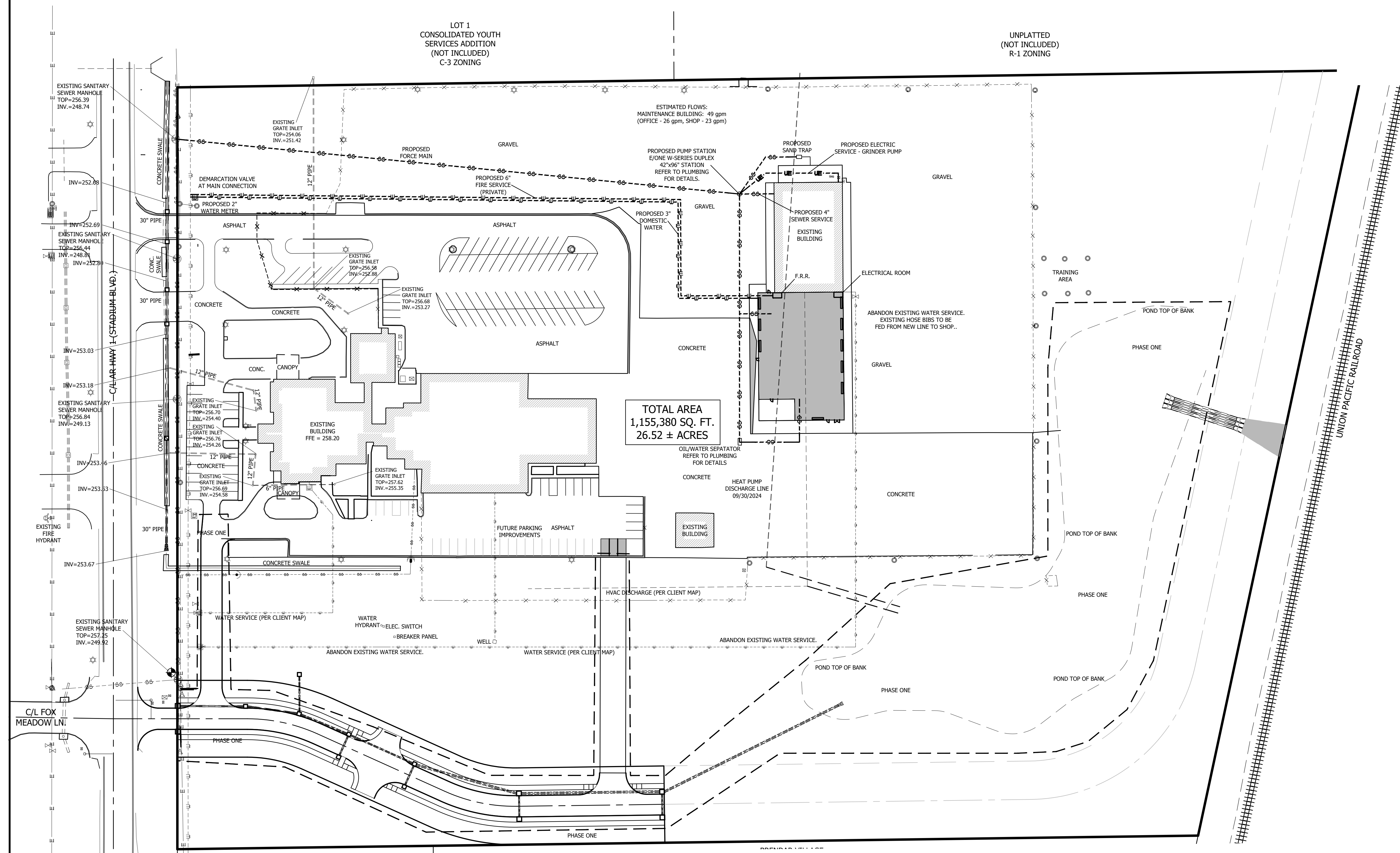


CADD FILE:	23140 - SDP-R2	DWG#	0414031.XXXX
 ASSOCIATED ENGINEERING, LLC CIVIL ENGINEERING • LAND SURVEYING LAND PLANNING 103 SOUTH CHURCH STREET • P.O. BOX 1462 JONESBORO, AR 72403 PH: 870-932-3594 • FAX: 870-935-1263			



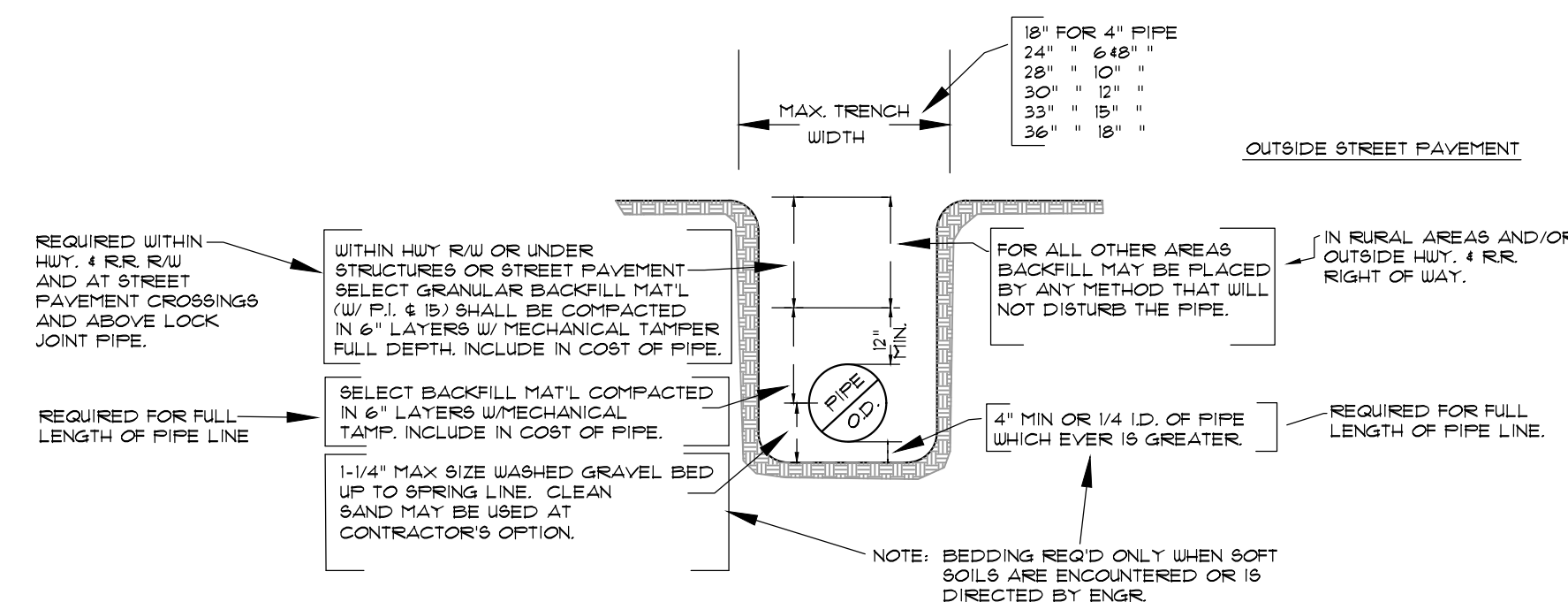
GENERAL UTILITY NOTES

- ELEVATIONS SHOWN HEREON ARE IN FEET AND DECIMAL PARTS THEREOF AND REFER TO MSL DATUM.
- VERTICAL DATUM REFERENCED TO NATIONAL GEODETIC VERTICAL DATUM OF 1988 (NAVD 88).
- PIPE DISTANCE SHOWN ARE TO CENTER OF STRUCTURES.
- ALL WATER LINES (SERVICE) SHALL BE PVC SCH. 40 WITH 42" MIN. COVER. VALVES, CONNECTIONS AND RELATED APPURTENANCES SHALL BE IN ACCORDANCE WITH NPSA STANDARDS, JONESBORO CITY WATER & LIGHT SPECIFICATIONS AS WELL AS THE CITY OF JONESBORO AND INSTALLED WITH REQUIRED BEDDING AND THRUST BLOCKING.
- CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED BY THE ENGINEER FROM THE APPROPRIATE GOVERNING AUTHORITY AND CONTRACTOR HAS BEEN NOTIFIED BY THE OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF ANY WORK.
- EXCAVATE AND VERIFY ALL UTILITY CROSSINGS AND INFORM THE OWNER'S REPRESENTATIVE OF ANY CONFLICT OR REQUIRED DEVIATION FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION.
- WHERE SEWER LINES PASS WITHIN 2 FT. VERTICALLY OF WATER LINES, THE SEWER LINE SHALL BE ENGAGED IN WATERTIGHT PIPE (SEE PART XIV.A OF ADH RULES AND REGULATIONS PERTAINING TO PWS).
- WATER LINES AND STORM SEWER CROSSINGS SHALL MAINTAIN 36" MIN. SEPARATION IN ALL DIRECTIONS.
- WATER AND SEWER LINES SHALL MAINTAIN 10 FEET HORIZONTAL SEPARATION.
- LOCATION OF UTILITIES SHOWN ON PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD UTILITIES AND STRUCTURES FROM DAMAGE DURING CONSTRUCTION. THE COSTS OF SUCH PROTECTION IS INCLUDED IN THE BASE BID.

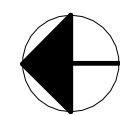
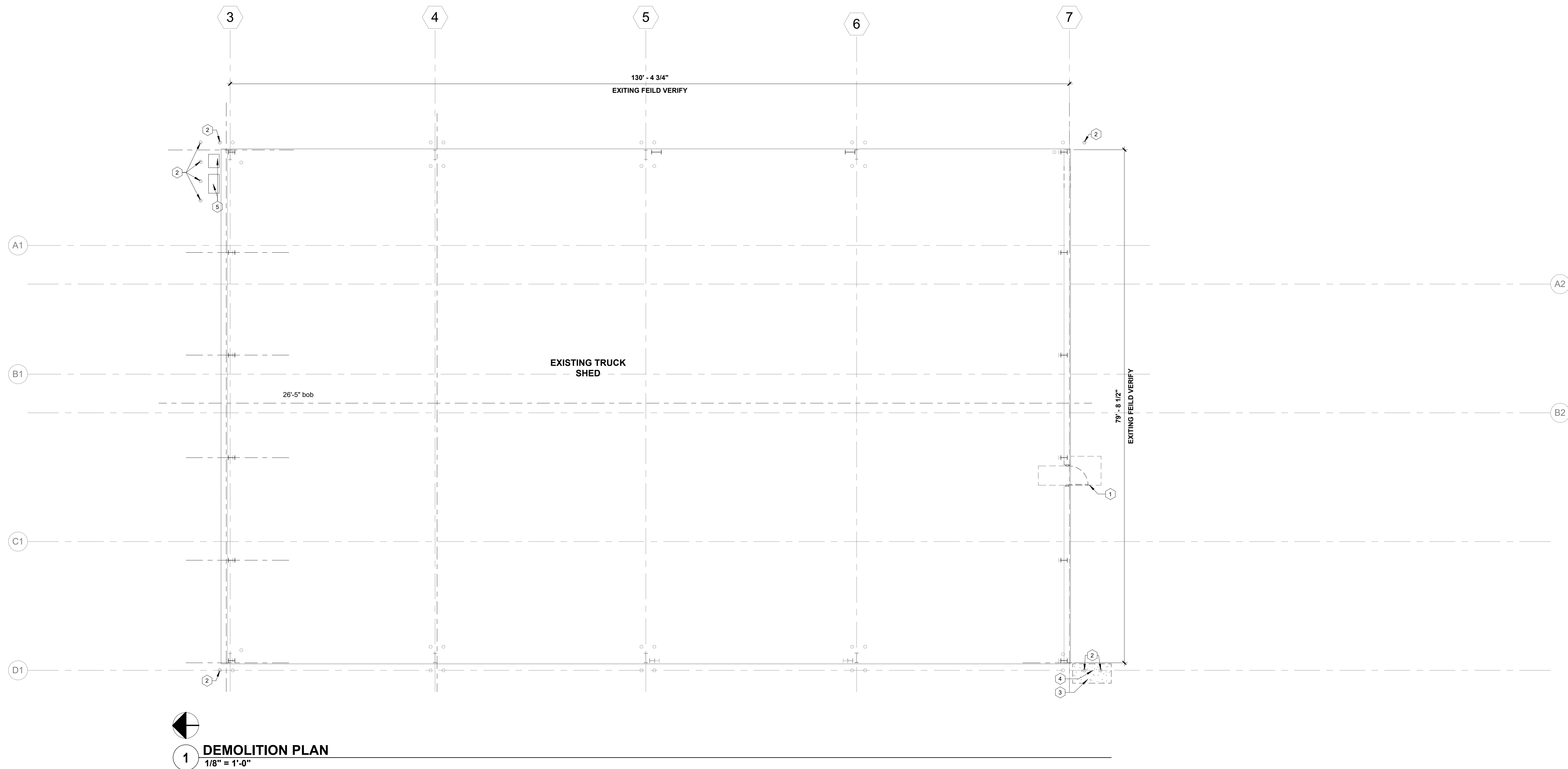


EXISTING STREET LOCATIONS

NOTE: (1) CONTRACTOR SHALL OBTAIN A STREET CROSSING PERMIT FROM THE CITY OF JONESBORO PRIOR TO CUTTING STREET.
(2) EXCAVATED MATERIAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR
(3) THIS REPAIR DETAIL IS REQUIRED FOR ALL EXCAVATION WITHIN 5' OF PAVED EDGE AND ALL TRANSVERSE EXCAVATIONS TO EXTEND 3' BEYOND PAVED EDGE.



2/14/2025 11:52:42 AM Autodesk AutoCAD Electrical 2024 Maintenance Shop 14.096, English (US), Metric (SI), US, 1/8" = 1'-0"



1 DEMOLITION PLAN
1/8" = 1'-0"

CODED NOTES - DEMO	
NO.	NOTE
1	REMOVE EXISTING DOOR AND FRAME
2	EXISTING BOLLARD TO BE REMOVED WHERE APPLICABLE
3	EXISTING CONC. PAD TO BE REMOVED
4	EXISTING SPIGOT AND OTHER PIPING TO BE REMOVED. REF PLUMB
5	EXISTING EQUIPMENT TO BE REMOVED. REF MEP

SHEET NOTES	
1.	CONTRACTOR TO COORDINATE DEMOLITION WORK SEQUENCE. REFERENCE PHASING DRAWINGS WHERE APPLICABLE.
2.	DEMOLITION DRAWINGS REPRESENT EXISTING CONDITIONS BASED ON LIMITED EXISTING DRAWINGS AND SITE OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING BUILDING AND SITE CONDITIONS.
3.	DEMOLITIONS DRAWINGS GENERALLY INDICATE EXISTING SCOPE OF WORK TO BE DEMOLISHED AND ARE NOT INTENDED TO LIMIT OR FULLY DEFINE THE SCOPE OF WORK TO BE REMOVED IN ORDER TO ACCOMPLISH SCOPE OF NEW CONSTRUCTION. WHERE THESE CONDITIONS OCCUR OUTSIDE OF THE DEMOLITION LIMITS, AREAS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION AS PART OF THE NEW CONSTRUCTION SCOPE OF WORK.
4.	CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY CONFLICTS BETWEEN EXISTING CONSTRUCTION AND CONSTRUCTION DOCUMENTS. REFERENCE STRUCTURAL, CIVIL, AND MEP DRAWINGS FOR OTHER DISCIPLINE DEMOLITION SCOPE OF WORK.
5.	WHERE EXISTING WALL MOUNTED DEVICES, FIXTURES OR OTHER WALL MOUNTED ITEMS ARE SCHEDULED TO BE SALVAGED, REFERENCE CONSTRUCTION DRAWINGS FOR NEW LOCATIONS OR COORDINATE WITH OWNER FOR STORAGE LOCATION.
6.	PARTITIONS SCHEDULED TO BE REMOVED. DEMOLITION SHOULD INCLUDE MISCELLANEOUS BRACING, TRACK, ETC. TO BOTTOM OF STRUCTURE.
7.	CONTRACTOR TO CLEAN AREAS ADJACENT TO DEMOLITION AREA OF DUST, DIRT AND DEBRIS CAUSED BY DEMOLITIONS OPERATIONS.
8.	COORDINATE SLAB DEMOLITION WITH NEW PLUMBING WORK.

WDD
ARCHITECTS

REGISTERED ARCHITECT
WITTERBERG
DELONY
DAVIDSON, INC.
ARKANSAS

CRAIGHEAD ELECTRIC
MAINTENANCE SHOP ADDITION
4314 STADIUM BLVD.
JONESBORO, ARKANSAS

PROJECT TITLE

CONTENTS

REVISIONS

SHEET

NO.

DATE

DESCRIPTION

24-096

JOB. NO.

02.14.2025

DATE

ISSUE

D110

1. PRIOR TO BID, CONTRACTOR SHALL BECOME THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THESE NOTES AS WELL AS OTHER NOTES SHOWN ON THE CONTRACT DOCUMENTS.

2. REFER TO SPECIFICATIONS, SPECIFICATIONS AND DRAWINGS ARE COMPLEMENTARY EXCEPT THAT THE REQUIREMENTS OF SPECIFICATIONS SHALL PREVAIL AND SHALL GOVERN.

3. BY NECESSITY, THESE DRAWINGS REFLECT A SYSTEM DESIGNED AROUND SPECIFIC PREFACTURED PRODUCTS (SEE SCHEDULES), THE SELECTION OF WHICH HAS IMPACTED THE DESIGNS OF OTHER TRADES (MECHANICAL, STRUCTURAL, ETC.). IF SUBSTITUTE MANUFACTURERS, SIZES, OR MODEL NUMBERS ARE SUBMITTED FOR APPROVAL BY THE OWNER, THE ELECTRICAL CONTRACTOR AND HIS SUBCONTRACTORS TO COORDINATE ALL DIFFERENCES PRIOR TO BID, NO EXTRAS WILL BE ALLOWED FOR CHANGES REQUIRED BY OTHER TRADES IF SUBSTITUTE EQUIPMENT IS BID OR INSTALLED AT THE CONTRACTORS OPTION.

4. COORDINATION OF ALL MODIFICATIONS TO EACH DISCIPLINE WHICH RESULT FROM SUBSTITUTION OF EQUIPMENT OR MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL SUBSTITUTIONS WHICH ARE MADE AND SUBSEQUENTLY ARE PROVEN UNSATISFACTORY BY OWNER AND/OR ENGINEER, CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTION PROVIDED COMPLETELY BY THE CONTRACTOR AND REPLACED WITH THE ORIGINAL DESIGN OR CORRECTED AS DIRECTED BY THE ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.

5. CONTRACTOR SHALL OBTAIN ALL NECESSARY NOTICES, OBTAIN ALL PERMITS, AND PAY ALL GOVERNMENTAL TAXES, FEES AND OTHER COSTS IN CONNECTION WITH WORK. FILE ALL NECESSARY PLANS; PREPARE ALL DOCUMENTS AND OBTAIN ALL NECESSARY APPROVALS OF ALL GOVERNMENTAL DEPARTMENTS HAVING JURISDICTION AND OBTAIN REQUIRED INSPECTION CERTIFICATES OF INSPECTION.

6. CONTRACTOR SHALL INCLUDE IN THE WORK ALL LABOR, MATERIALS, SERVICES, APPARATUS, DRAWINGS, ETC. IN ORDER TO COMPLY WITH ALL LAWS, ORDINANCES, CODES, RULES, AND REGULATIONS OF LOCAL, STATE AND FEDERAL GOVERNMENTS, WHETHER OR NOT SHOWN ON THE DRAWINGS.

7. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL PROVIDE COMPLETE TIE-IN WITH UTILITY LINES THAT ARE NOT COST TO THE OWNER. CONTRACTOR SHALL PAY ALL COSTS REQUIRED BY UTILITY COMPANY PERTAINING TO CONSTRUCTION AND TIE-IN. DEPOSITS REQUIRED FOR PERMANENT SERVICE SHALL BE PAID BY THE OWNER.

8. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR LOCATIONS OF EQUIPMENT, MATERIALS, AND COMPONENTS. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY COMPONENT, DEVICE OR OPTION. THE EQUIPMENT LOCATIONS SHOWN ON THE DRAWINGS ARE NOT TO BE CONSIDERED AS GUARANTEED. THE FINAL LOCATIONS SHALL BE ESTABLISHED IN THE FIELD TO FIT THE AVAILABLE SPACE.

9. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL ELECTRICAL WORK WITH THAT OF OTHER TRADES. EXACT LOCATIONS OF ALL EQUIPMENT SHALL BE COORDINATED WITH OTHER TRADES. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING DETAILS AND DIMENSIONS.

10. INFORMATION AND COMPONENTS SHOWN ON RISER DIAGRAMS OR DETAILS, BUT NOT SHOWN ON PLANS, AND VICE VERSA, SHALL BE PROVIDED AS EXPRESSLY REQUIRED BY BOTH.

11. CONTRACTOR SHALL NOT SCALE DRAWINGS. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT HAVE RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION SHOWN ON OTHER DISCIPLINES.

12. UNLESS NOTED OTHERWISE, THE INDICATION AND/OR DESCRIPTION OF ANY ITEM IN THE DRAWINGS OR SPECIFICATIONS CARRIES WITH IT THE INSTRUCTION TO FURNISH AND INSTALL THE ITEM.

13. ROUGH-IN OR INSTALLATION OF OWNER FURNISHED EQUIPMENT SHALL NOT BEGUN UNTIL THE DRAWING EQUIPMENT DATA SHEET HAS BEEN OBTAINED FROM THE OWNER OR ARCHITECT. SEE ARCHITECTURAL SPECIFICATIONS OR DRAWINGS FOR LIST OF OWNER FURNISHED EQUIPMENT (WHEN APPLICABLE).

14. CONTRACTOR SHALL VERIFY ALL EQUIPMENT LOCATIONS, POWER REQUIREMENTS, ROUTING, CONDUCTOR SIZE, AND CONDUCTOR COUNT PRIOR TO ROUGH-IN.

15. COORDINATE FINAL HEIGHTS AND LOCATIONS OF ALL DEVICES WITH MILLWORK, FURNITURE OR OTHER EQUIPMENT.

16. ALL DEVICES LOCATED IN SAME GENERAL LOCATION ON THE SAME WALL, SHALL BE GROUPED AND ALIGNED HORIZONTALLY OR VERTICALLY, AS NECESSARY.

17. GROUPED SWITCHES SHALL BE GANG MOUNTED.

18. COLOR AND TYPE OF DEVICE COVER PLATES TO BE SELECTED BY ARCHITECT.

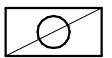


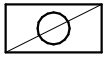








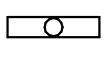


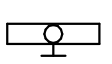














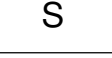


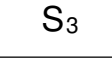


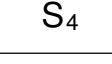


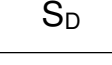


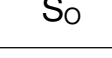








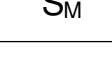


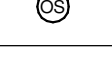


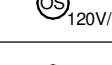


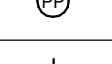


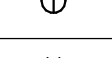





19. COORDINATE FRAMES AND ACCESSORIES FOR FIXTURE MOUNTING WITH ARCHITECTURAL FINISH SCHEDULE.

20. REPLACE ALL ARCHITECTURAL FEATURES REMOVED OR DAMAGED DURING THE COURSE OF THE WORK.

21. SEAL ALL ROOF AND WALL PENETRATIONS. REMOVED CONTRACTOR SHALL BE RESPONSIBLE FOR FLASHING AND SEALING OF ALL ROOF PENETRATIONS. COORDINATE WITH GENERAL CONTRACTOR PRIOR TO BID FOR ALL REQUIRED FLASHINGS AT ROOF PENETRATIONS. MINIMUM 1/2" FLASHING IS REQUIRED.

22. SPECIAL CARE SHALL BE TAKEN ON THE ROOF TO PREVENT DAMAGE, ANY DAMAGE SHALL BE PROMPTLY REPAIRED AT NO EXPENSE TO THE OWNER.

23. SEAL ALL ELECTRICAL PENETRATIONS THROUGH RAFT ASSEMBLIES, FIRE WALLS AND SMOKE WALLS. FIREPROOFING SEALANT SHALL BE UL APPROVED AND SHALL BE INSTALLED IN A MANNER THAT PREVENTS THE PASSAGE OF AIR OR GASES.

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	2x4 LAY-IN OR SURFACE-MOUNTED FIXTURE		QUADRAPLEX RECEPTACLE		FIRE ALARM HORN / STROBE DEVICE
	2x4 LAY-IN OR SURFACE-MOUNTED FIXTURE; SHADING INDICATES EMERGENCY FIXTURE		SPECIALTY RECEPTACLE		FIRE ALARM SPEAKER / STROBE DEVICE
	2x2 LAY-IN OR SURFACE-MOUNTED FIXTURE		FLOOR RECEPTACLE		FIRE ALARM STROBE DEVICE
	2x2 LAY-IN OR SURFACE-MOUNTED FIXTURE; SHADING INDICATES EMERGENCY FIXTURE		FLOOR BOX		CEILING-MOUNTED FIRE ALARM STROBE DEVICE
	SURFACE, STRIP OR PENDANT-MOUNTED FIXTURE		HOMERUN: HOT, NEUTRAL, GROUND		CEILING-MOUNTED FIRE ALARM HORN / STROBE DEVICE
	WALL-MOUNTED SURFACE OR STRIP FIXTURE		DISCONNECT SWITCH		CEILING-MOUNTED FIRE ALARM SPEAKER / STROBE DEVICE
	SURFACE-MOUNTED OR RECESSED CAN LIGHT FIXTURE		FUSED DISCONNECT SWITCH		ZAM FIRE ALARM DEVICE: CONTROL, MONITOR, IAM
	WALL-MOUNTED SURFACE FIXTURE		COMBINATION STARTER / FUSED SWITCH		MAGNETIC LOCK
	CEILING-MOUNTED EXIT LIGHT; SHADING INDICATES FACES CHEVRONS AS SHOWN ON PLANS		MOTOR STARTER		FIRE ALARM TAMPER / FLOW SWITCHES
	WALL-MOUNTED EXIT LIGHT; SHADING INDICATES FACES CHEVRONS AS SHOWN ON PLANS		JUNCTION BOX (FLUSH MOUNTED)		SECURITY CAMERA
	SINGLE-POLE SWITCH		PUSH-BUTTON		CARD READER (BOX ONLY)
	THREE-WAY SWITCH		TELEPHONE OUTLET		KEYPAD (BOX ONLY)
	FOUR-WAY SWITCH		WALL-MOUNTED TELEPHONE OUTLET		PAGING SPEAKER
	DIMMER SWITCH		DATA OUTLET		PAGING SPEAKER VOLUME CONTROL
	WALL-MOUNTED OCCUPANCY SENSOR SWITCH		COMBINATION TELEPHONE / DATA OUTLET		INDICATES ABOVE COUNTER
	WALL-MOUNTED OCCUPANCY SENSOR DIMMING SWITCH		HDMI OUTLET		INDICATES GROUND FAULT PROTECTION
	LOW VOLTAGE SWITCH		WIRELESS ACCESS POINT		INDICATES WEATHER RESISTANT
	MANUAL MOTOR STARTER SWITCH		SMOKE DETECTOR		INDICATES TAMPER RESISTANT
	CEILING-MOUNTED LOW VOLTAGE OCCUPANCY SENSOR		DUCT SMOKE DETECTOR		INDICATES ABOVE FINISH FLOOR
	CEILING-MOUNTED LINE VOLTAGE OCCUPANCY SENSOR		HEAT DETECTOR		INDICATES ABOVE FINISH GRADE
	OCCUPANCY SENSOR POWER PACK		CARBON MONOXIDE DETECTOR		INDICATES NON SWITCHED
	SIMPLEX RECEPTACLE		DOOR HOLDER		INDICATES EXISTING RELOCATED
	DUPLEX RECEPTACLE		FIRE ALARM PULL STATION		INDICATES EXISTING TO REMAIN

*** NOTE: NOT ALL SYMBOLS SHOWN IN LEGEND ARE APPLICABLE TO THIS PROJECT. **

E001	ELECTRICAL NOTES, LEGEND, & INDEX
E201	ELECTRICAL LIGHTING PLAN
E301	ELECTRICAL POWER & SYSTEMS PLAN
E302	ELECTRICAL MEZZANINE AND ENLARGED PLANS
E401	HVAC EQUIPMENT POWER PLAN
E501	ELECTRICAL ONE-LINE DIAGRAM AND PANEL SCHEDULES
E601	ELECTRICAL PANEL SCHEDULES
E701	ELECTRICAL DETAILS

LIGHTING FIXTURE SCHEDULE							
ID	MANUFACTURER	MODEL NO.	VOLTAGE	REQ'D LAMPS		MOUNTING	DESCRIPTION
				NUM.	TYPE		
A	ZUMBOTEL	CR2-PF-L-42K-840-PC-VB-U-FINISH	120V	-	LED	PENDANT	PENDANT MOUNTED LED HIGH BAY FIXTURE
B	FLUXWERX	NT1-L-G1-B-D-40-E1-M-04	120V	-	LED	RECESSED	4FT LINEAR RECESSED LED FIXTURE
BE	FLUXWERX	NT1-L-G1-B-D-40-E1-M-04-B1	120V	-	LED	RECESSED	4FT LINEAR RECESSED LED FIXTURE W/ EMERGENCY BATTERY BACKUP
B1	FLUXWERX	NT1-L-G1-B-D-40-E1-M-06	120V	-	LED	RECESSED	6FT LINEAR RECESSED LED FIXTURE
B2	FLUXWERX	NT1-L-G1-B-D-40-E1-M-10	120V	-	LED	RECESSED	10FT LINEAR RECESSED LED FIXTURE
C	LA LIGHTING	CIT100-4-4L-DRFA-W-SSL-ORDM-UNV-1-840	120V	-	LED	SURFACE/WALL	4FT VAPOR-TIGHT STRIP FIXTURE 4000 LUMEN
CE	LA LIGHTING	CIT100-4-4L-DRFA-W-SSL-BPLSL1.5-ORDM-UNV-1-840	120V	-	LED	SURFACE/WALL	4FT VAPOR-TIGHT STRIP FIXTURE W/ EMERGENCY BATTERY BACKUP
C1	LA LIGHTING	CIT100-6-4L-DRFA-W-SSL-ORDM-UNV-1-840	120V	-	LED	SURFACE/WALL	4FT VAPOR-TIGHT STRIP FIXTURE; 6000 LUMEN
D	KURTZON LIGHTING	WL-SEG-1540-3H1-840-FP-UNV-DIM1-MOUNTING	120V	-	LED	PENDANT	PENDANT MOUNTED LED WET LOCATION VAPOR-TIGHT FIXTURE
F	ALPHABET LIGHTING	NU2RD-SW-10LM-40K-80-5SD-LD-FINISH-RET-UNV-DIM10	120V	-	LED	RECESSED	2" ROUND RECESSED LED ACCENT LIGHT
G	LA LIGHTING	STW100-6-4L-FRWA-DRDM-UNV-1-840-VHOOK	120V	-	LED	PENDANT	4FT LENSED LED STRIP FIXTURE
GE	LA LIGHTING	STW100-6-4L-FRWA-BPLSL1.5-ORDM-UNV-1-840-VHOOK	120V	-	LED	PENDANT	4FT LENSED LED STRIP FIXTURE W/ EMERGENCY BATTERY BACKUP
G1	LA LIGHTING	STW100-4-5-3L-FRWA-DRDM-UNV-1-840-VHOOK	120V	-	LED	PENDANT	3FT LENSED LED STRIP FIXTURE
H	ALPHABET LIGHTING	NU4RD-SW-20LM-40-80-6SD-SBL-FINISH-FINISH-RET-UNV-DIM10	120V	-	LED	RECESSED	4" ROUND RECESSED LED CAN LIGHT
HE	ALPHABET LIGHTING	NU4RD-SW-20LM-40-80-6SD-SBL-FINISH-FINISH-RET-UNV-DIM10-EM7TIS	120V	-	LED	RECESSED	4" ROUND RECESSED LED CAN LIGHT W/ EMERGENCY BATTERY BACKUP W/ INTEGRAL TEST SWITCH
J	AXIS LIGHTING	TB2WDLED-300-300-40-80-40-SO-4-FINISH-UNV-DP-1	120V	-	LED	WALL	4FT DIRECT/INDIRECT WALL-MOUNTED LED LIGHT
J1	AXIS LIGHTING	TB2WDLED-300-300-40-80-40-SO-5-FINISH-UNV-DP-1	120V	-	LED	WALL	5FT DIRECT/INDIRECT WALL-MOUNTED LED LIGHT
J2	AXIS LIGHTING	TB2WDLED-300-300-40-80-40-SO-5(6)-FINISH-UNV-DP-1	120V	-	LED	WALL	6FT DIRECT/INDIRECT WALL-MOUNTED LED LIGHT
J3	AXIS LIGHTING	TB2WDLED-300-300-40-80-40-SO-5(7)-FINISH-UNV-DP-1	120V	-	LED	WALL	7FT DIRECT/INDIRECT WALL-MOUNTED LED LIGHT
V	QTL LIGHTING	Q-LINK-SST-DRY-40-DF-FINISH-12	120V	-	LED	UNDERCABINET	12" LINE VOLTAGE LED UNDERCABINET FIXTURE
V1	QTL LIGHTING	Q-LINK-SST-DRY-40-DF-FINISH-24	120V	-	LED	UNDERCABINET	24" LINE VOLTAGE LED UNDERCABINET FIXTURE
W	EVENLITE	TEBL6-FINISH-SD	120V	-	LED	WALL	LED HIGH OUTPUT EMERGENCY EGRESS LIGHTING UNIT
W1	EVENLITE	TEBL6-FINISH-SD-VRWP	120V	-	LED	WALL	LED HIGH OUTPUT EMERGENCY EGRESS LIGHTING UNIT W/ WET LOCATION COVER
X	EVENLITE	SOVL-EM-COLOR-1M-FINISH-SU-UC-SD	120V	-	LED	SURFACE UNIVERSAL	EDGE LIT EXIT LIGHT - SINGLE FACE - CHEVRONS AS SHOWN ON PLANS
XWT	EVENLITE	WLTCOM-COLOR-1-FINISH	120V	-	LED	SURFACE UNIVERSAL	WET LOCATION RATED COMBINATION EXIT/EMERGENCY LIGHT - SINGLE FACE - CHEVRONS AS SHOWN ON PLANS
XS	EVENLITE	TDCCOM-COLOR-U-FINISH	120V	-	LED	UNIVERSAL	COMBINATION EXIT/EMERGENCY LIGHT - SINGLE FACE - CHEVRONS AS SHOWN ON PLANS
Z	EVENLITE	VW-EM-FINISH	120V	-	LED	WALL	EXTERIOR EGRESS EMERGENCY LIGHT
AA	DURAGUARD	WPC45Q-D-1X174-U-4K-C-FINISH	120V	-	LED	WALL	EXTERIOR WALL-MOUNTED AREA LIGHT
BB	DURAGUARD	WPC44Q-D-1X37-U-4K-C-FINISH	120V	-	LED	WALL	EXTERIOR WALL-MOUNTED AREA LIGHT - SMALL HOUSING
BBE	DURAGUARD	WPC44Q-D-1X37-U-4K-C-FINISH-BU	120V	-	LED	WALL	EXTERIOR WALL-MOUNTED AREA LIGHT - SMALL HOUSING W/ EMERGENCY BATTERY BACKUP



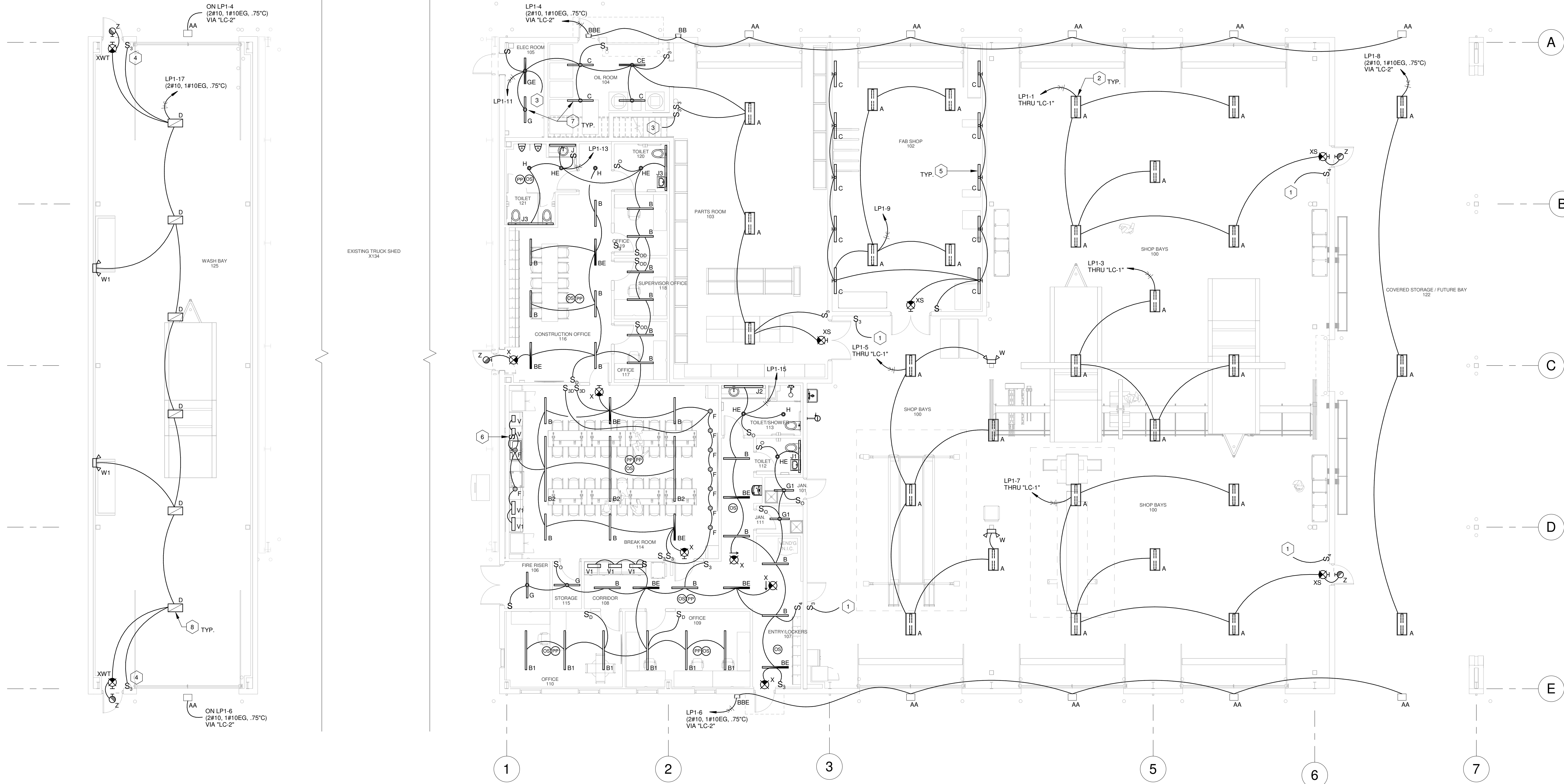
GENERAL ELECTRICAL NOTES

1. ALL EXIT LIGHTS AND BATTERY BACKUP FOR EMERGENCY FIXTURES SHALL BE CIRCUITED WITH AN UN-SWITCHED HOT.
2. COORDINATE FINAL LOCATIONS AND MOUNTING HEIGHTS OF FIXTURES WITH ARCHITECT PRIOR TO BEGINNING ROUGH-IN.
3. ALL CONDUIT, WIRING AND ELECTRICAL CONNECTIONS IN WASH BAY SHALL BE WATERTIGHT.
4. ALL CONDUIT INSTALLED ACROSS EXISTING TRUCK SHED SHALL BE ROUTED AS HIGH AS POSSIBLE. COORDINATE ROUTING WITH EXISTING STRUCTURE AND UTILITIES.

KEYED ELECTRICAL NOTES

- 1 TO LIGHTING CONTACTOR "LC-1" FOR SWITCHING OF SHOP BAY FIXTURES.
- 2 MOUNT TYPE "A" LIGHTING FIXTURES AT 28'-0" ABOVE FINISH FLOOR TO BOTTOM OF FIXTURE. TYPICAL ALL FIXTURES IN SHOP BAY, FAB SHOP, AND PARTS ROOM.
- 3 UP TO MEZZANINE STRIP FIXTURES. SEE SHEET E302 FOR CONTINUATION.
- 4 INSTALL SWITCHES THIS ROOM WITH FLIP-COVER TYPE COVER PLATES.
- 5 WALL MOUNT FIXTURES AT 9'-0" ABOVE FINISH FLOOR TO CENTERLINE OF FIXTURE.
- 6 GANG DISPOSAL AND UNDERCABINET LIGHTING SWITCH TOGETHER. UNDERCABINET LIGHTING SWITCH SHALL BE INSTALLED CLOSEST TO SINK.
- 7 MOUNT FIXTURES AT 9'-0" ABOVE FINISH FLOOR TO BOTTOM OF FIXTURES.
- 8 MOUNT FIXTURES AT 20'-0" ABOVE FINISH FLOOR TO BOTTOM OF FIXTURES.

ELECTRICAL LIGHTING PLAN

1
E201
1/8" = 1'-0"

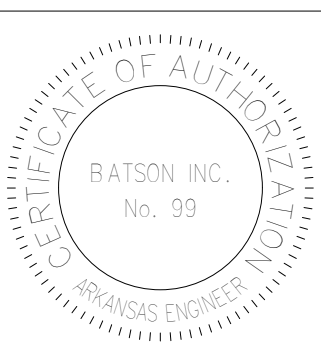
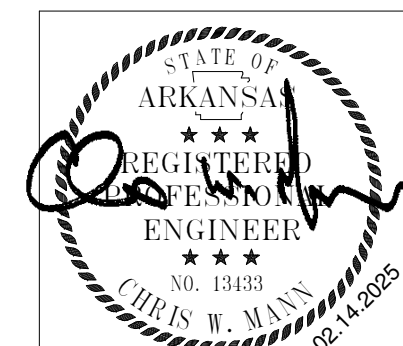
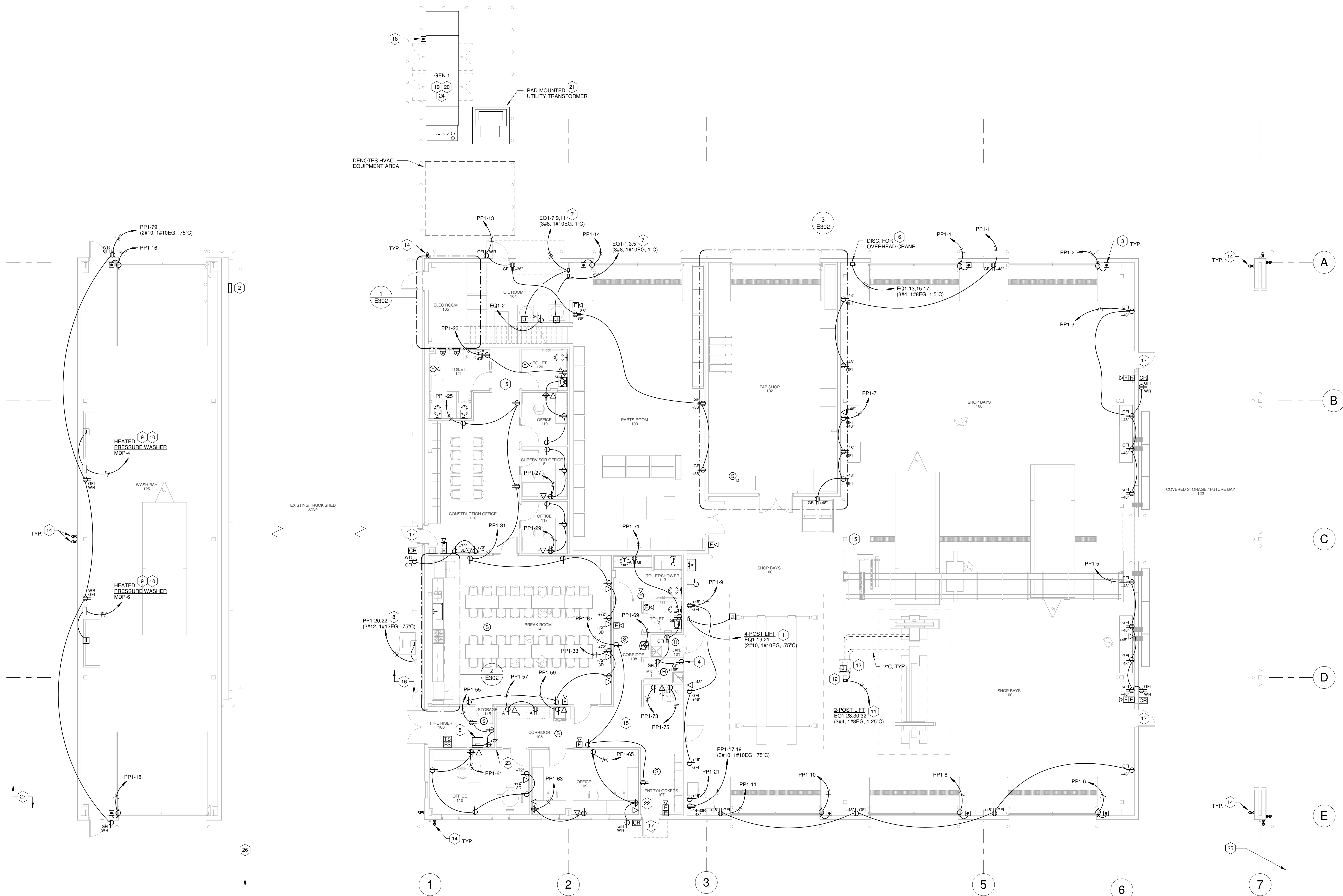
GENERAL ELECTRICAL NOTES

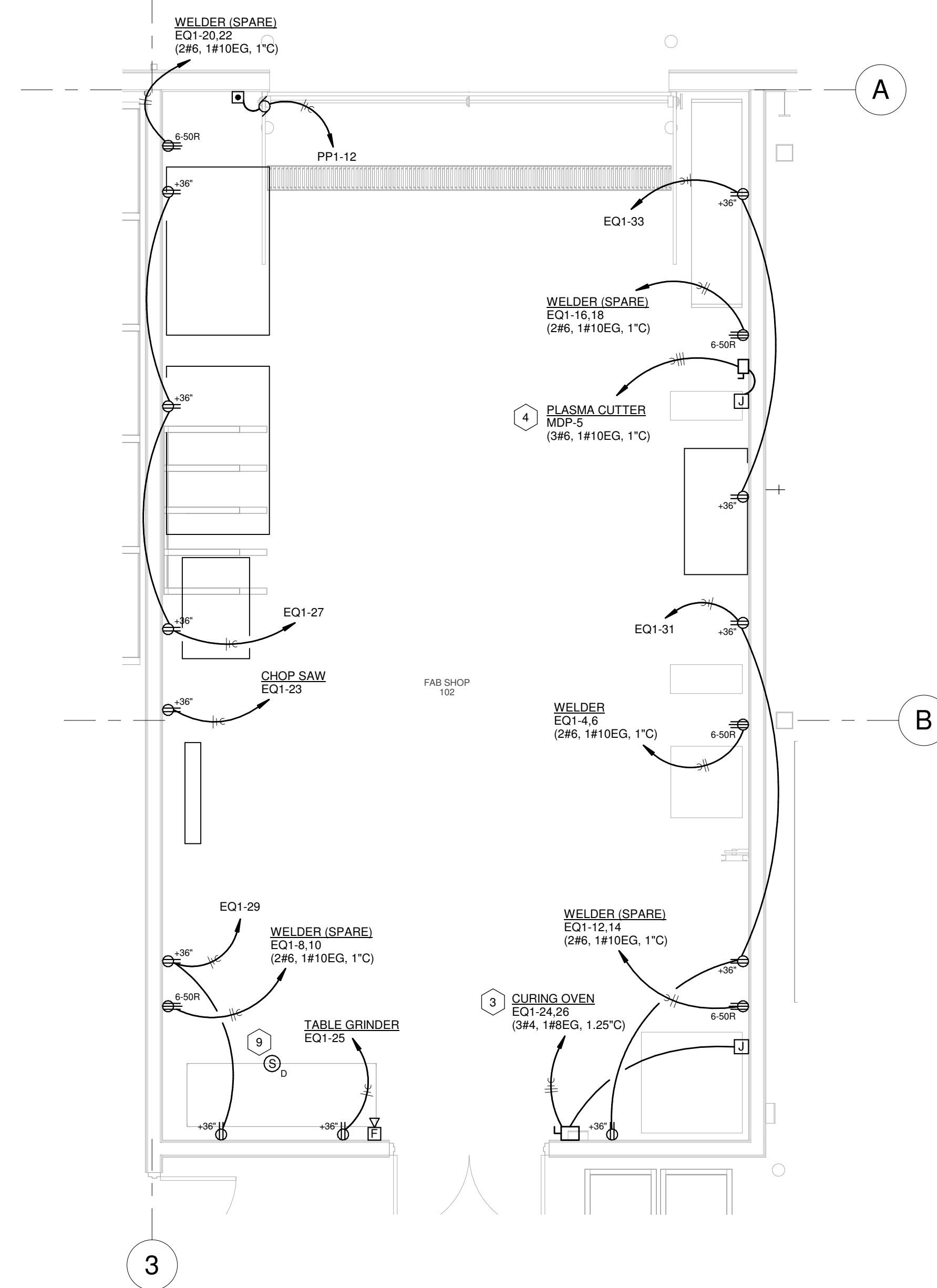
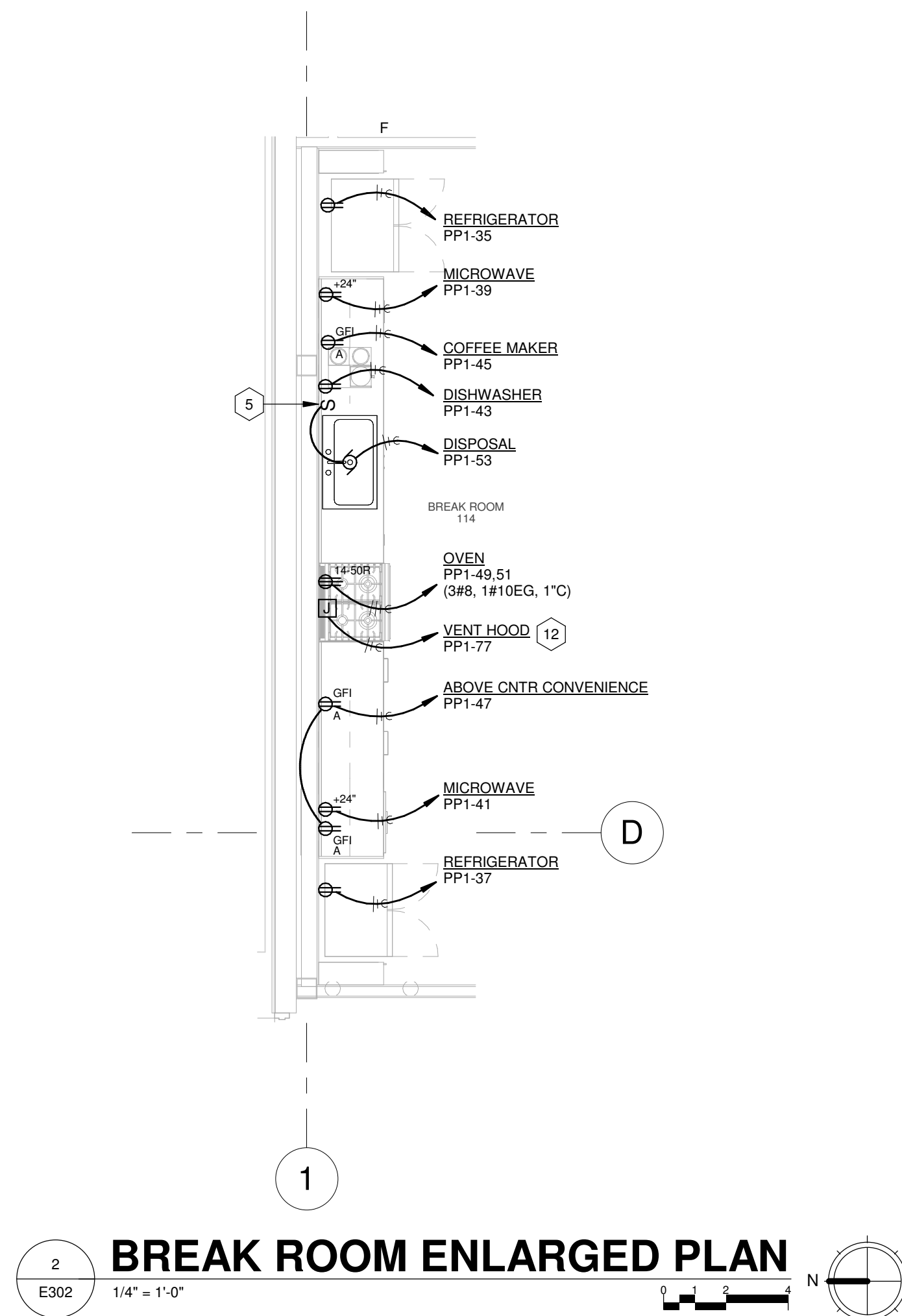
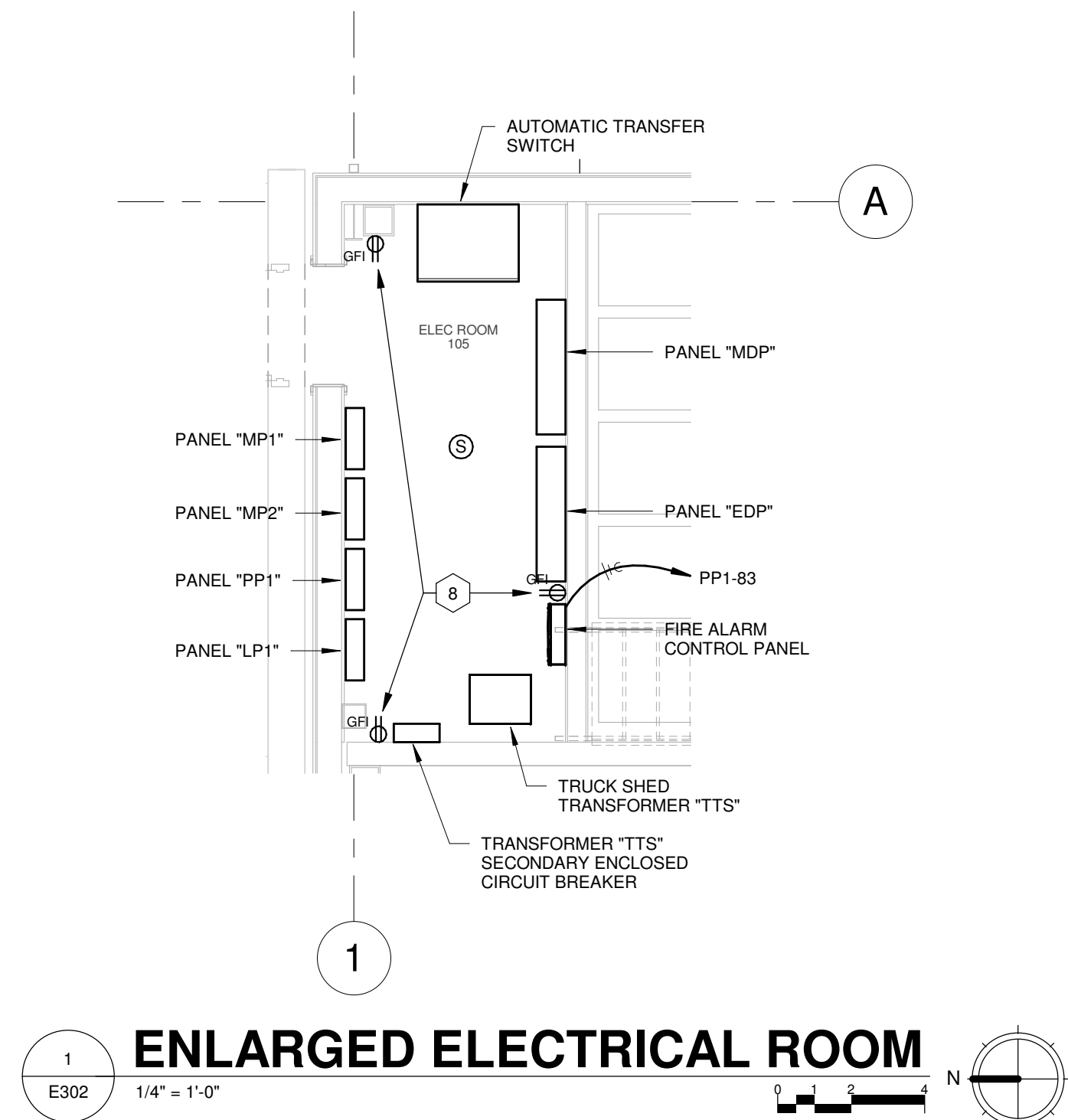
1. VERIFY EXACT LOCATIONS OF ALL EQUIPMENT PRIOR TO BEGINNING ROUGH-IN AND PLACEMENT OF WIRING DEVICES, DISCONNECTS, ETC.
2. ALL CONDUIT, WIRING AND ELECTRICAL CONNECTIONS IN WASH BAY SHALL BE WATER-TIGHT.
3. ALL CONDUIT INSTALLED ACROSS EXISTING TRUCK SHED SHALL BE ROUTED AS HIGH AS POSSIBLE. COORDINATE ROUTING WITH EXISTING STRUCTURE AND UTILITIES.
4. ALL WIRING DEVICES NOTED AS 'ABOVE COUNTER' WITH AN 'A' DESIGNATION AND ARE AT LOCATIONS WITH A BACKSLASH SHALL BE INSTALLED AT 48" ABOVE FINISH FLOOR TO CENTERLINE OF THE BACK BOX.
5. ALL WIRING DEVICES INSTALLED IN SHOP BAYS, PARTS & OIL ROOMS AND FAB SHOP SHALL BE INSTALLED WITH STAINLESS STEEL COVER PLATES.

KEYED ELECTRICAL NOTES

1. PROVIDE AND INSTALL NEMA 1 NON-FUSIBLE DISCONNECT RATED 240V/30A/3P.
2. APPROXIMATE LOCATION OF EXISTING TRUCK SHED PANELBOARD. RE-FEED PANELBOARD FROM NEW TRANSFORMER 'TTS'. REFER TO ONE-LINE DIAGRAM.
3. PROVIDE AND INSTALL ALL CONDUIT AND WIRING BETWEEN DOOR OPERATOR AND DOOR CONTROLLER. VERIFY EXACT MOUNTING LOCATION OF DOOR OPERATOR WITH DOOR INSTALLER PRIOR TO BEGINNING ROUGH-IN.
4. OUTLET FOR RECIRCULATION PUMP. COORDINATE EXACT OUTLET HEIGHT WITH PLUMBING CONTRACTOR. MOUNT OUTLET WITHIN 6'-0" OF PUMP.
5. PROVIDE AND INSTALL WALL-MOUNTED 12U NETWORK RACK.
6. PROVIDE AND INSTALL NEMA 1 NON-FUSIBLE DISCONNECT RATED 240V/100A/3P. STUB UP CONDUIT AND WIRING UP WALL NEAR OVERHEAD CRANE BUS BARS. COORDINATE WITH OVERHEAD CRANE INSTALLER FOR EXACT STUB LOCATION AND AMOUNT OF EXTRA SLACK NEEDED TO MAKE CONNECTIONS. OVERHEAD CRANE INSTALLER TO MAKE CONNECTIONS TO CRANE BUS BARS.
7. PROVIDE AND INSTALL NEMA 1 NON-FUSIBLE DISCONNECT RATED 240V/60A/3P.
8. PROVIDE AND INSTALL NEMA 3R NON-FUSIBLE DISCONNECT RATED 240V/30A/2P.
9. PROVIDE AND INSTALL NEMA 4X NON-FUSIBLE DISCONNECT RATED 240V/200A/3P.
10. REFER TO ONE-LINE DIAGRAM FOR FEEDER REQUIREMENTS.
11. PROVIDE AND INSTALL NEMA 1 NON-FUSIBLE DISCONNECT RATED 240V/100A/3P.
12. MOUNT DISCONNECT TO COLUMN AND ROUTE WIRING UNDERGROUND OVER TO 2-POST LIFT POWER UNIT. INSTALL SEAL-OFFS IN CONDUIT AS REQUIRED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
13. COORDINATE WITH OWNER'S EQUIPMENT INSTALLER TO PROVIDE AND INSTALL 2" IN SLAB FROM LIFT POWER UNIT TO LIFT. INSTALL SEAL-OFFS IN CONDUIT ENTERING POWER UNIT AS REQUIRED BY MANUFACTURER'S INSTALLATION INSTRUCTIONS. VERIFY EXACT CONDUIT ROUTING AND CONNECTION LOCATIONS PRIOR TO BEGINNING ROUGH-IN.
14. SECURITY CAMERA ROUGH-IN: PROVIDE AND INSTALL 2 GANG BACK BOX WITH (2) CAT 6 CABLES IN EACH BOX. VERIFY MOUNTING HEIGHTS OF ALL CAMERAS PRIOR TO BEGINNING ROUGH-IN. ROUTE CAT 6 CABLES BACK TO STORAGE 111.
15. PROVIDE AND INSTALL (2) CAT 6 CABLES AT THIS APPROXIMATE LOCATION FOR WIRELESS ACCESS POINT.
16. PROVIDE AND INSTALL (1) 4" FC FROM STORAGE ROOM 115 OVERHEAD TO THIS APPROXIMATE LOCATION FOR FIBER OPTIC CABLING (BY OWNER). VERIFY EXACT STUB LOCATION AND HEIGHT WITH OWNER PRIOR TO BEGINNING ROUGH-IN.
17. SECURE DOOR REQUIRING ACCESS CONTROLS: REFER TO TYPICAL DOOR ACCESS CONTROL DETAIL FOR ADDITIONAL REQUIREMENTS.
18. PROVIDE AND INSTALL GENERATOR EPO PUSHBUTTON WITH PADLOCK SHROUD IDENT SAFETY SWITCH (IES-SS) IN STAINLESS STEEL CONNECT TO GENERATOR AS REQUIRED. INSURE PUSHBUTTON IS INSTALLED SO IT DOES NOT INTERFERE WITH ANY CLEARANCE OR ACCESS PANEL REQUIREMENTS. LABEL PUSHBUTTON 'GENERATOR EMERGENCY SHUTDOWN AND DISCONNECTING MEANS'.
19. DIESEL GENERATOR: REFER TO ONE-LINE DIAGRAM FOR REQUIREMENTS. FILL GENERATOR TANK FULL WITH DIESEL FUEL AT THE COMPLETION OF THE PROJECT.
20. PROVIDE (2) 1" C BETWEEN GENERATOR AND ATS FOR CONTROLS. VERIFY QUANTITY AND SIZES OF CONDUCTORS WITH GENERATOR MANUFACTURER.
21. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING TRANSFORMER PAD AND ALL SECONDARY CONDUIT AND WIRING. COORDINATE PAD REQUIREMENTS AND FINAL PLACEMENT OF TRANSFORMER WITH CECG.
22. APPROXIMATE LOCATION OF FIRE ALARM ANNUNCIATOR PANEL. CONFIRM LOCATION WITH OWNER PRIOR TO BEGINNING ROUGH-IN.
23. APPROXIMATE LOCATION OF GENERATOR ANNUNCIATOR PANEL. CONFIRM LOCATION WITH OWNER PRIOR TO BEGINNING ROUGH-IN. INSTALL CONTROL WIRING BETWEEN ANNUNCIATOR AND TRANSFER SWITCH IN 3/4" C AS REQUIRED. CONFIRM WIRING SIZES AND QUANTITIES WITH GENERATOR MANUFACTURER.
24. GENERATOR BATTERY CHARGER AND BLOCK HEATER CIRCUITS. CONNECT BATTERY CHARGER TO 'PP1-46' AND BLOCK HEATER TO 'PP1-48'. VERIFY STUB UP LOCATION.
25. PROVIDE AND INSTALL (2) 1" C (POWER/COMMUNICATIONS) FOR SOUTH GATE ENTRY. REFER TO ARCHITECTURAL SITE PLAN FOR GATE LOCATION. CONNECT GATE OPERATOR TO 'PP1-28' AND ROUTE (2#6, 1 REG. 1" C). STUB UP COMMUNICATIONS CONDUIT IN STORAGE 115.
26. PROVIDE AND INSTALL (1) 1.25" C (POWER) AND (1) 1" C (COMMUNICATIONS) FOR WEST GATE ENTRY. REFER TO ARCHITECTURAL SITE PLAN FOR GATE LOCATION. CONNECT GATE OPERATOR TO 'PP1-28' AND ROUTE (2#4, 1 REG. 1.25" C). STUB UP COMMUNICATIONS CONDUIT IN STORAGE 115.
27. GRINDER STATION. REFER TO CIVIL PLAN FOR EXACT LOCATION. CONNECT GRINDER STATION CONTROL PANEL TO 'MPS-S0-S0-S2'. INSTALL SEAL-OFFS AT GRINDER STATION CONTROL PANEL. ROUTE (2#10, 1 REG. 1" C) FROM PANELBOARD TO CONTROL PANEL. VERIFY EXACT LOCATION OF CONTROL PANEL WITH INSTALLING CONTRACTOR.

ELECTRICAL POWER & SYSTEMS PLAN

1
E301
1/8" = 1'-0"

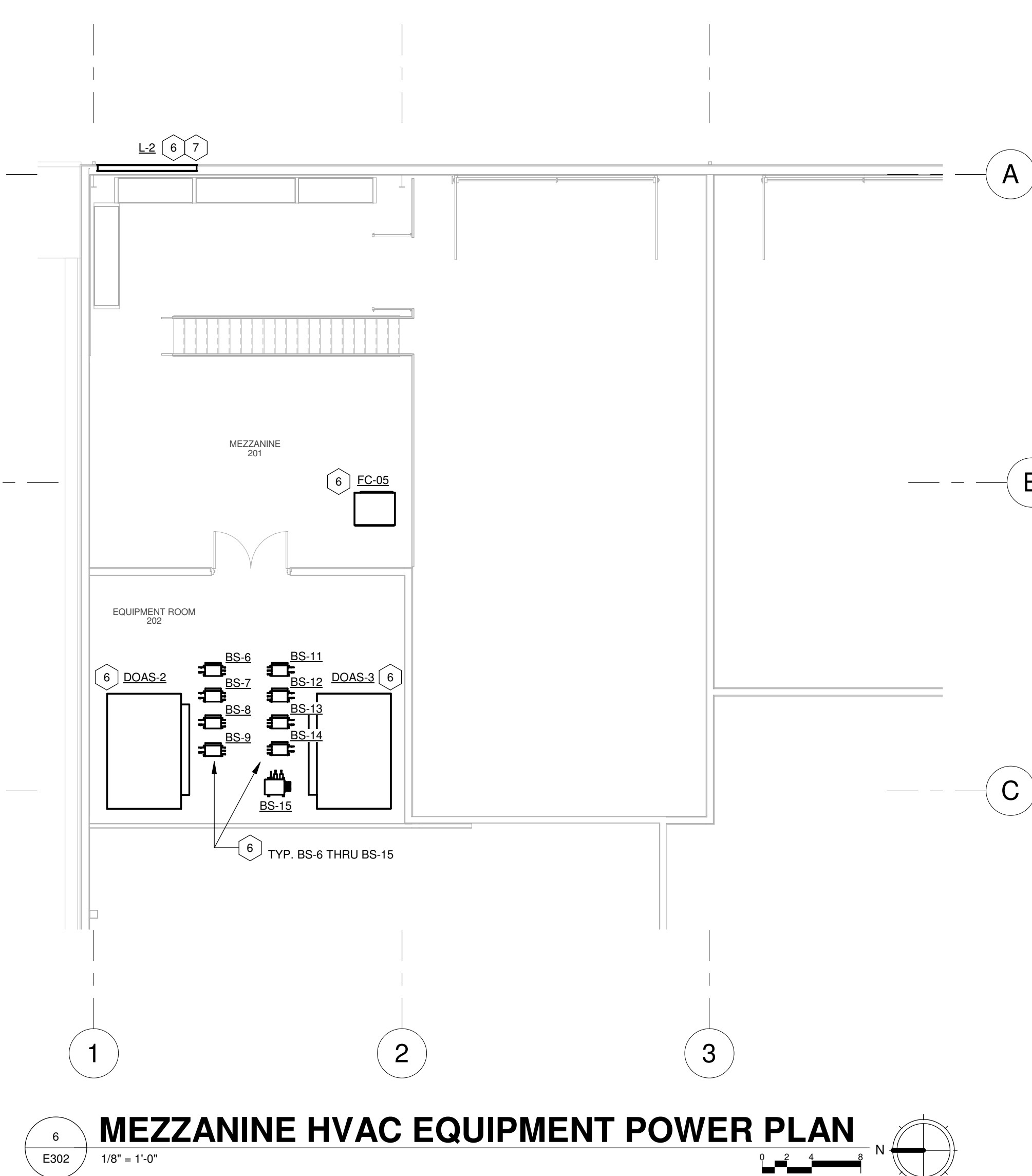
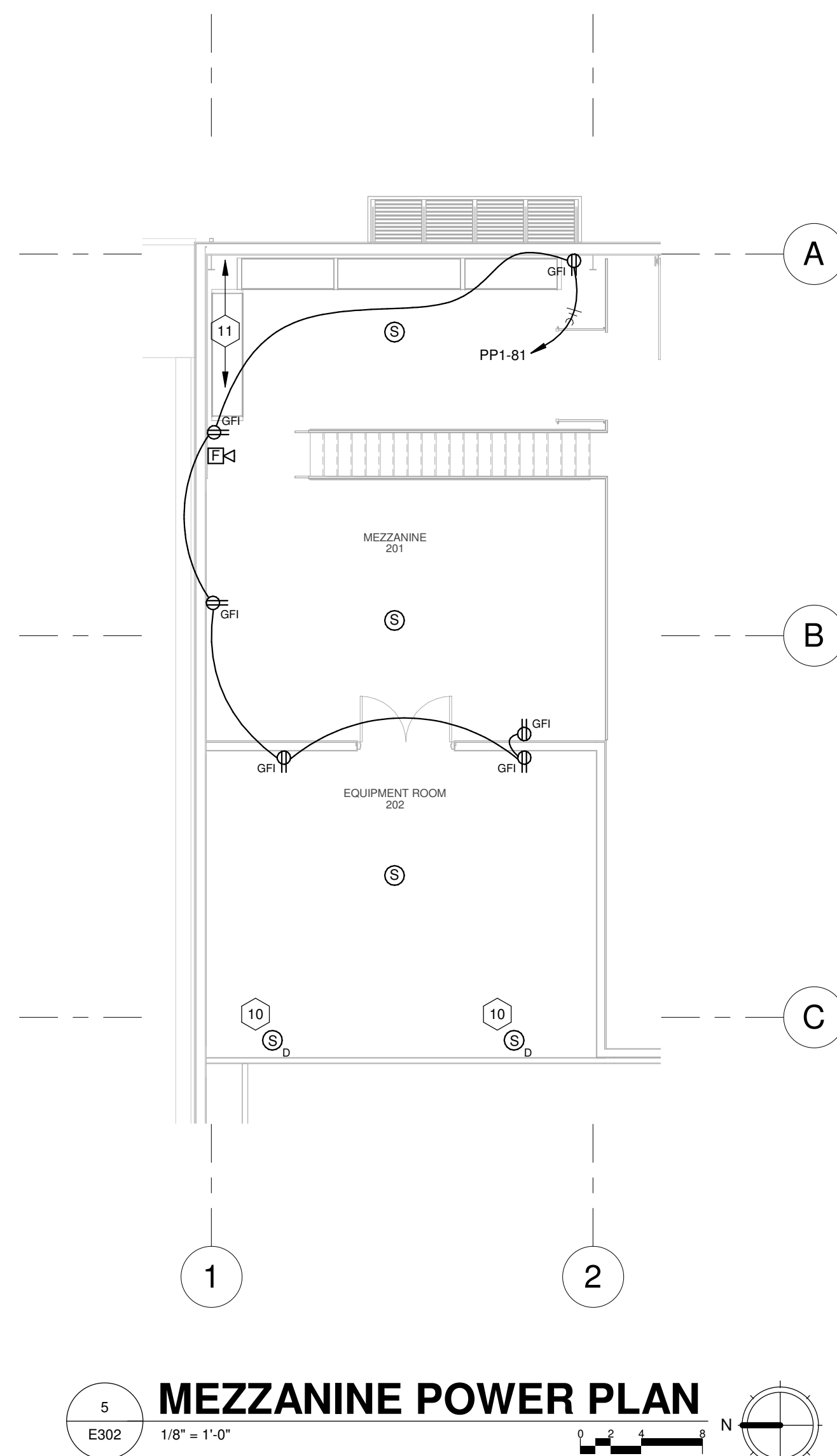
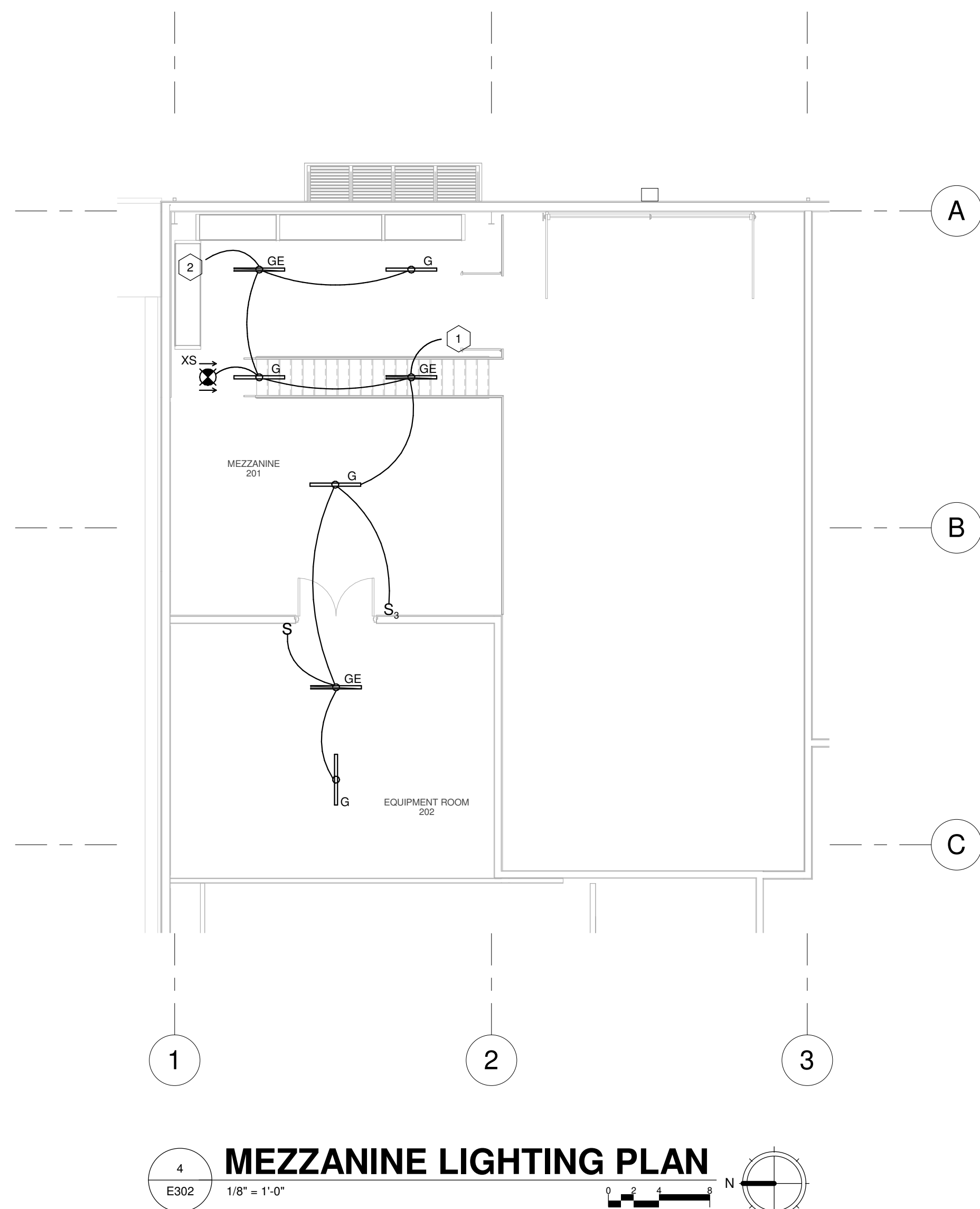


GENERAL ELECTRICAL NOTES

1. ALL EXIT LIGHTS AND BATTERY BACKUP FOR EMERGENCY FIXTURES SHALL BE CIRCUITED WITH AN UNSWITCHED HOT.
2. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL EQUIPMENT PRIOR TO BEGINNING ROUGH-IN AND MOUNTING DISCONNECT RECEPTACLES.
3. ALL WIRING DEVICES INSTALLED IN FAB SHOP SHALL BE INSTALLED WITH STAINLESS STEEL COVER PLATES.

KEYED ELECTRICAL NOTES

1. CIRCUITING CONTINUED FROM SWITCH IN PARTS ROOM. REFER TO LIGHTING PLAN ON SHEET E201.
2. CONNECT TO CIRCUIT "LP1-11" IN ELECTRICAL ROOM BELOW. REFER TO LIGHTING PLAN ON SHEET E201.
3. PROVIDE AND INSTALL NEMA 1 NON-FUSIBLE DISCONNECT RATED 240V/100A/2P.
4. PROVIDE AND INSTALL NEMA 1 NON-FUSIBLE DISCONNECT RATED 240V/60A/3P.
5. GANG DISPOSAL AND UNDERCABINET LIGHTING SWITCH TOGETHER. DISPOSAL SWITCH SHALL BE INSTALLED FARTHEST FROM SINK.
6. REFER TO MECHANICAL EQUIPMENT CIRCUIT SCHEDULE THIS SHEET FOR CIRCUITING REQUIREMENTS. DISCONNECTS SHALL BE MOUNTED SO THEY DO NOT INTERFERE WITH EQUIPMENT ACCESS OR CLEARANCE SPACE.
7. INTERLOCK LOUVER L2 WITH DOAS-1 & DOAS-2 SO LOUVER IS OPEN WHEN UNITS ARE RUNNING. COORDINATE WITH MECHANICAL CONTRACTOR FOR ALL REQUIREMENTS.
8. CONNECT RECEPTACLE TO "PP1-15".
9. DUCT SMOKE DETECTOR FOR FCU-8. CONNECT TO FIRE ALARM SYSTEM. DETECTOR IS PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR.
10. DUCT SMOKE DETECTORS FOR DOAS-2 & DOAS-3. CONNECT TO FIRE ALARM SYSTEM. DETECTORS ARE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR.
11. KEEP ALL CONDUIT PENETRATIONS FOR OVERHEAD CIRCUITS ALONG EXTERIOR WALL AS MUCH AS POSSIBLE. CLOSELY COORDINATE AND LAYOUT AREAS OF CONDUIT PENETRATION WITH GENERAL CONTRACTOR PRIOR TO BEGINNING WORK.
12. CONNECT HOOD FIRE SUPPRESSION SYSTEM TO FIRE ALARM SYSTEM AS REQUIRED.



HVAC EQUIPMENT CIRCUIT SCHEDULE				
ITEM	VOLTAGE	CIRCUIT	WIRE/CONDUIT	DISC.
DOAS-1	208/1	MP1-1,3	2#12, 1#12EG, .75°C	NF 240V/30A/2P
DOAS-1 PRE-HEATER	208/1	MP1-5,7	2#8, 1#10EG, .75°C	NF 240V/60A/2P
DOAS-2	208/3	MP1-9,11,13	3#6, 1#10EG, 1°C	NF 240V/60A/3P
DOAS-3	208/3	MP1-15,17,19	3#6, 1#10EG, 1°C	NF 240V/60A/3P
HRU-1	208/3	MP1-21,23,25	3#4, 1#8EG, 1.25°C	NFRT 240V/100A/3P
HRU-D1	208/3	MP1-27,29,31	3#4, 1#8EG, 1.25°C	NFRT 240V/100A/3P
HRU-D2 - CIRCUIT #1	208/3	MP1-2,4,6	3#4, 1#8EG, 1.25°C	NFRT 240V/100A/3P
HRU-D2 - CIRCUIT #2	208/3	MP1-8,10,12	3#8, 1#10EG, .75°C	NFRT 240V/60A/3P
HRU-D2 - CIRCUIT #3	208/3	MP1-14,16,18	3#8, 1#10EG, .75°C	NFRT 240V/60A/3P
HRU-D3 - CIRCUIT #1	208/3	MP1-20,22,24	3#4, 1#8EG, 1.25°C	NFRT 240V/100A/3P
HRU-D3 - CIRCUIT #2	208/3	MP1-26,28,30	3#8, 1#10EG, .75°C	NFRT 240V/60A/3P
HRU-D3 - CIRCUIT #3	208/3	MP1-32,34,36	3#8, 1#10EG, .75°C	NFRT 240V/60A/3P
FC-01	208/1	MP2-1,3	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
FC-02	208/1	MP2-5,7	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
FC-03	208/1	MP2-9,11	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
FC-04	208/1	MP2-13,15	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
FC-05	208/1	MP2-17,19	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
FC-06	208/1	MP2-21,23	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
FC-07	208/1	MP2-25,27	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
FC-08	208/1	MP2-29,31	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
FC-09	208/1	MP2-33,35	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
EH-1	120V	MP2-37	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
EH-2	208/1	MP2-39,41	2#10, 1#10EG, .75°C	NEMA 4X STAINLESS NF 240V/30A/2P
EH-3	208/1	MP2-43,45	2#10, 1#10EG, .75°C	NEMA 4X STAINLESS NF 240V/30A/2P
EH-4	208/1	MP2-47,49	2#10, 1#10EG, .75°C	NEMA 4X STAINLESS NF 240V/30A/2P
WH-1	208/3	MP2-2,4,6	3#10, 1#10EG, .75°C	NF 240V/30A/3P
BS-1	208/1	MP2-8,10	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-2	208/1	MP2-8,10	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-3	208/1	MP2-8,10	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-4	208/1	MP2-12,14	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-5	208/1	MP2-12,14	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-6	208/1	MP2-16,18	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-7	208/1	MP2-16,18	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-8	208/1	MP2-16,18	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-9	208/1	MP2-16,18	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-10	208/1	MP2-16,18	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-11	208/1	MP2-20,22	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-12	208/1	MP2-20,22	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-13	208/1	MP2-20,22	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-14	208/1	MP2-20,22	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-15	208/1	MP2-20,22	2#12, 1#12EG, .75°C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
DHP-1 / DSS-1	208/1	MP2-24,26	2#12, 1#12EG, .75°C	NFRT 240V/30A/2P
EF-1	120V	MP2-28	2#12, 1#12EG, .75°C	NEMA 1 TOGGLE
EF-2	120V	MP2-30	2#12, 1#12EG, .75°C	NEMA 1 TOGGLE
EF-3	120V	MP2-32	2#10, 1#10EG, .75°C	NEMA 1 TOGGLE
EF-4	208/1	MP2-34,36	2#10, 1#10EG, .75°C	NF 240V/30A/2P
EF-5	208/1	MP2-38,40	2#10, 1#10EG, .75°C	NF 240V/30A/2P
L-2	120V	MP2-42	2#12, 1#12EG, .75°C	
L-3	120V	MP2-42	2#12, 1#12EG, .75°C	
L-4	120V	MP2-42	2#12, 1#12EG, .75°C	
L-5	120V	MP2-42	2#12, 1#12EG, .75°C	

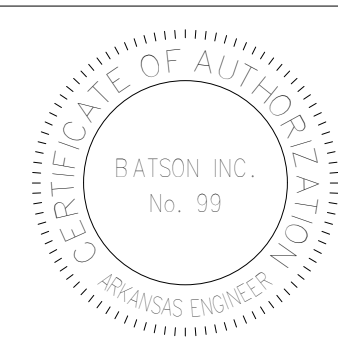
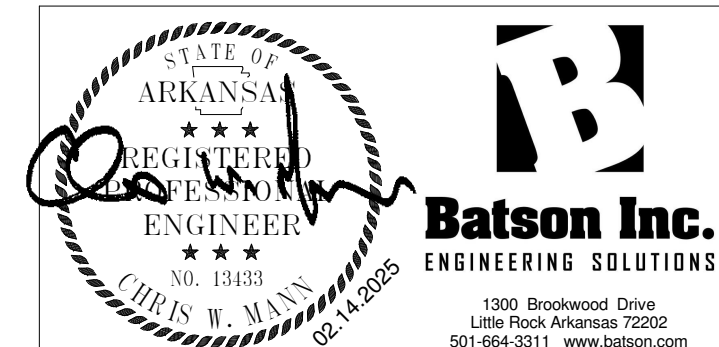
SCHEDULE NOTES:
1. DISCONNECT SAFETY SWITCHES: HD = HEAVY DUTY, NF = NON-FUSED, RT = NEMA 3R ENCLOSURE
2. VERIFY REQUIREMENT FOR NEUTRAL CONDUCTORS PRIOR TO INSTALLATION.
3. PROVIDE MULTI-CONDUCTOR INTER-CONNECTION CABLE BETWEEN INDOOR AND OUTDOOR UNIT PER MANUFACTURER INSTRUCTION. CONDUCTORS SHALL NOT BE SMALLER THAN #12AWG.
4. ALL MANUAL MOTOR STARTERS AND DOUBLE-POLE SINGLE-THROW SWITCHES SHALL BE PROVIDED WITH A HANDLE PADLOCK ATTACHMENT.

GENERAL ELECTRICAL NOTES

- VERIFY EXACT LOCATIONS OF ALL EQUIPMENT PRIOR TO BEGINNING ROUGH-IN AND PLACEMENT OF WIRING DEVICES, DISCONNECTS, ETC.
- ALL CONDUIT, WIRING AND ELECTRICAL CONNECTIONS IN WASH BAY SHALL BE WATERTIGHT.
- ALL CONDUIT INSTALLED ACROSS EXISTING TRUCK SHED SHALL BE ROUTED AS HIGH AS POSSIBLE. COORDINATE ROUTING WITH EXISTING STRUCTURE AND UTILITIES.

KEYED ELECTRICAL NOTES

- REFER TO MECHANICAL EQUIPMENT CIRCUIT SCHEDULE THIS SHEET FOR CIRCUITING REQUIREMENTS. DISCONNECTS SHALL BE MOUNTED SO THEY DO NOT INTERFERE WITH EQUIPMENT ACCESS OR CLEARANCE SPACE.
- ROUTE EXHAUST FAN CIRCUIT THRU TIMER (BY DIV. 23). COORDINATE LOCATION OF TIMER WITH MECHANICAL CONTRACTOR.
- ROUTE EXHAUST FAN CIRCUIT THRU LINE-VOLTAGE THERMOSTAT IN STORAGE 116. VERIFY EXACT LOCATION WITH MECHANICAL CONTRACTOR.
- INTERLOCK LOUVERS L-4 & L-5 WITH EXHAUST FAN EF-3 SO LOUVERS ARE OPEN WHEN FAN IS RUNNING. COORDINATE WITH MECHANICAL CONTRACTOR FOR ALL REQUIREMENTS.
- INTERLOCK LOUVER L-3 WITH EXHAUST FANS EF-4 & EF-5 SO LOUVER IS OPEN WHEN FAN IS RUNNING. COORDINATE WITH MECHANICAL CONTRACTOR FOR ALL REQUIREMENTS.
- PROVIDE AND INSTALL 120V FOR HEAT TRACE AT ICE MACHINE. CONNECT TO CIRCUIT "PP1-24".
- DISCONNECTS FOR OUTDOOR HRU UNITS SHALL BE INSTALLED ALONG THIS WALL.
- PROVIDE AND INSTALL 120V CIRCUIT FOR HVAC BMS CONTROL PANEL. CONNECT TO CIRCUIT "MP2-44".

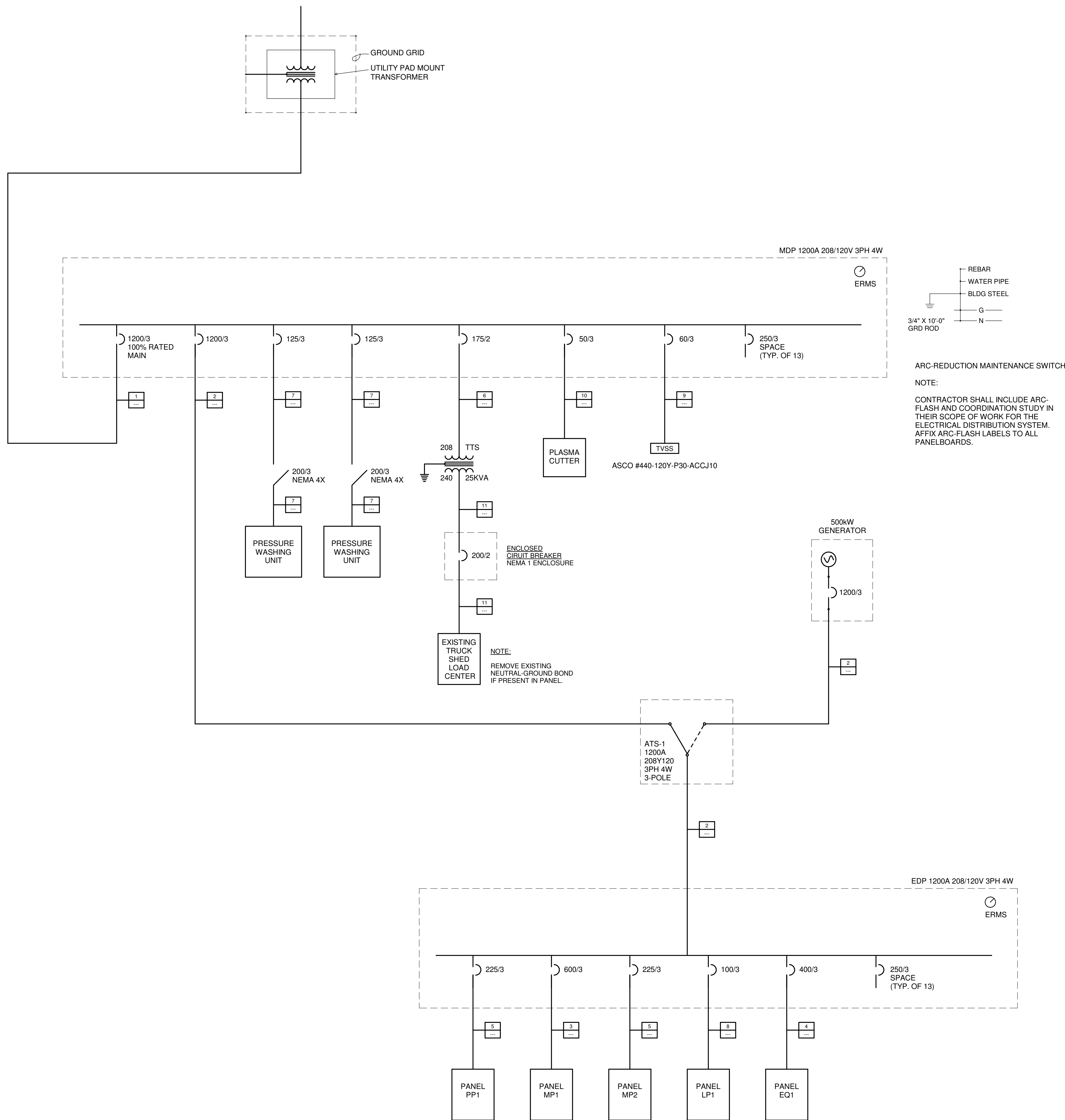


HVAC EQUIPMENT POWER PLAN

1/8" = 1'-0"



2/17/2025 7:30:29 AM Autodesk Docs: Original Design Maintenance Shop - E501 - E502 Maintenance Shop - MDP Content



1
E501 NTS

ELECTRICAL ONE-LINE DIAGRAM

ONE-LINE FEEDER SCHEDULE

- | | |
|----|------------------------------------|
| 1 | 3 SETS (4#600 kcmil, 4°C) |
| 2 | 3 SETS (4#600 kcmil, 1#3/0GR, 4°C) |
| 3 | 2 SETS (4#350 kcmil, 1#1GR, 3.5°C) |
| 4 | (4#500 kcmil, 1#3GR, 4°C) |
| 5 | (4#4/0, 1#4GR, 2.5°C) |
| 6 | (2#2/0, 1#6GR, 2°C) |
| 7 | (3#1, 1#6GR, 1.5°C) |
| 8 | (4#3, 1#8GR, 1.5°C) |
| 9 | (3#6, 1#6GR, 1°C) |
| 10 | (3#6, 1#10GR, 1°C) |
| 11 | (3#3/0, 1#6GR, 2.5°C) |

ENGRAVED NAMEPLATE NOTES:

- NAMEPLATES SHALL BE INSTALLED ON ALL ELECTRICAL EQUIPMENT, PANELBOARDS, TRANSFORMERS, SAFETY SWITCHES AND STARTERS.
- NAMEPLATES SHALL BE OF THE LAMINATED BAKELITE TYPE AND SECURELY FASTENED TO EQUIPMENT.
- NAMEPLATE SIZE SHALL BE 1 1/2" X 4" WITH BEVELED EDGES.
- NAMEPLATES SHALL BE BLACK IN COLOR WITH WHITE LETTERING. LETTERS SHALL BE 1/4".
- NAMEPLATE SHALL INCLUDE PANEL OR EQUIPMENT DESIGNATION, AMPERAGE, VOLTAGE, PHASE AND WIRE DESIGNATION (E.G. 3W OR 4W).
- SUBMIT PANEL NAMEPLATE SCHEDULE WITH SHOP DRAWINGS FOR APPROVAL.

PANEL A
225A, 120/208V, 3PH, 4W
FED FROM PANEL MDP

TYPICAL PANEL NAMEPLATE

AHU-1
200A, 208V 3-PHASE
FED FROM PANEL MDP

TYPICAL EQUIPMENT NAMEPLATE

2
E501 1/8" = 1'-0"

ELECTRICAL EQUIPMENT TAG DETAIL



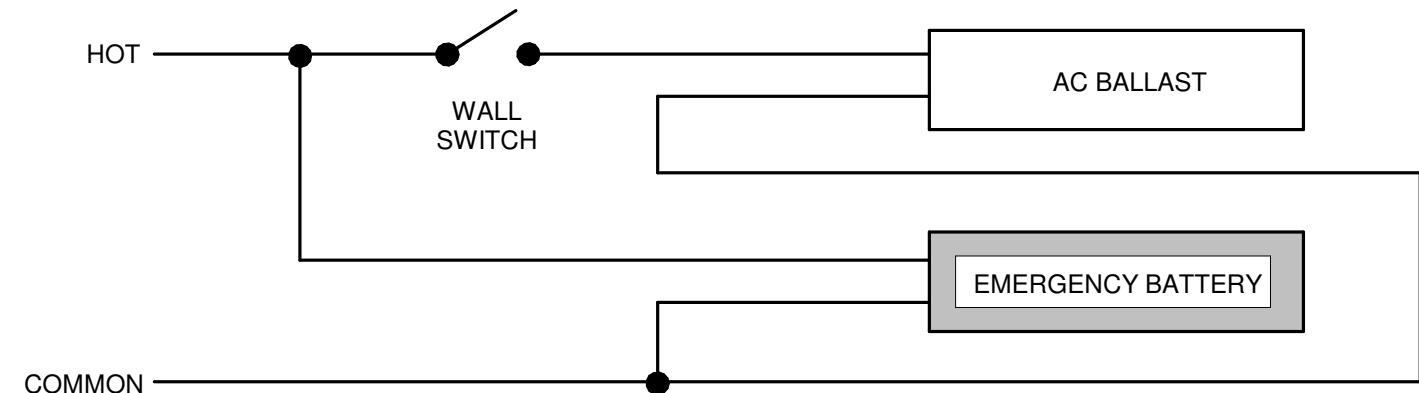
3/1/2017 7:50:59 AM Autodesk Docs: Original Plans Maintenance Shop - EDP - EDP Maintenance Shop - MDP Content

PANELBOARD SCHEDULE														
Panel Name:	MDP		Volts: 120/208		Mains: 1200A		Fed From: UTILITY		Interrupting Rating: 42kAIC					
TYPE:	SQUARE D "HCR-U"		phase: 3	wire: 4	lugs: X	breaker: X	surface: X	flush: top	bottom: X	COPPER BUS GROUND BAR				
BRANCH BREAKERS														
ITEM	CKT BKR	CKT NO.	LOAD (KVA)			LOAD(KVA)			CKT NO.	CKT BKR	ITEM			
PANEL "EDP"	1200/3	1	A	B	C	A	B	C	2	60/3	TVSS			
			124.83		116.22									
TRUCK SHED TRANSFORMER	175/2	3		8.33			10.71			4	125/3	PRESSURE WASHER - WASH BAY		
				8.34	8.33		10.71	10.71						
PLASMA CUTTER	50/3	5		3.72			10.71			6	125/3	PRESSURE WASHER - WASH BAY		
				3.72				10.71						
SPACE W/ BUSSING	250/3	7						10.71		8	250/3	SPACE W/ BUSSING		
SPACE W/ BUSSING	250/3	9								10	250/3	SPACE W/ BUSSING		
SPACE W/ BUSSING	250/3	11								12	250/3	SPACE W/ BUSSING		
SPACE W/ BUSSING	250/3	13								14	250/3	SPACE W/ BUSSING		
SPACE W/ BUSSING	250/3	15								16	250/3	SPACE W/ BUSSING		
SPACE W/ BUSSING	250/3	17								18	250/3	SPACE W/ BUSSING		
PROVIDE WITH 4-PIECE TRIM WITH DOOR. PROVIDE PANEL AS SERVICE ENTRANCE RATED.			136.88	128.28	129.42	21.42	21.42	21.42	PROVIDE PANEL WITH 100% RATED MAIN CIRCUIT BREAKER. PROVIDE PANEL WITH ERMS SWITCH.					
			158.30	149.70	150.84	TOTALS								
			458.84	TOTAL CONN. LOAD KVA										

PANELBOARD SCHEDULE													
Panel Name: EDP		Volts: 120/208		Mains: 1200A		Fed From: ATS		Interrupting Rating: 42kAIC					
TYPE: SQUARE D "HCR-U"		phase: 3	wire: 4	lugs: X	breaker: X	surface: X	flush: top	Feeder: bottom	COPPER BUS GROUND BAR				
BRANCH BREAKERS													
ITEM	CKT BKR	CKT NO.	LOAD (KVA)			LOAD(KVA)			CKT NO.	CKT BKR	ITEM		
PANEL "PP1"	225/3	1	A	B	C	A	B	C	2	100/3	PANEL "LP1"		
			24.22			4.27							
			23.30				4.38						
PANEL "MP1"	600/3				18.46			4.90					
		3	53.70			26.26			4	400/3	PANEL "EQ1"		
					50.70		22.95						
PANEL "MP2"	225/3				52.80			28.03					
		5	16.38							250/3	SPACE W/ BUSSING		
			14.89						6				
SPACE W/ BUSSING	250/3				13.18					250/3	SPACE W/ BUSSING		
		7							8				
SPACE W/ BUSSING	250/3									250/3	SPACE W/ BUSSING		
		9							10				
SPACE W/ BUSSING	250/3									250/3	SPACE W/ BUSSING		
		11							12				
SPACE W/ BUSSING	250/3									250/3	SPACE W/ BUSSING		
		13							14				
SPACE W/ BUSSING	250/3									250/3	SPACE W/ BUSSING		
		15							16				
SPACE W/ BUSSING	250/3									250/3	SPACE W/ BUSSING		
		17							18				
SPACE W/ BUSSING	250/3									250/3	SPACE W/ BUSSING		
		19							20				
SPACE W/ BUSSING	250/3									250/3	SPACE W/ BUSSING		
		21							22				
PROVIDE WITH 4-PIECE TRIM WITH DOOR.			94.3	88.89	84.44	30.53	27.33	32.93	PROVIDE PANEL WITH ERMS SWITCH.				
			124.83	116.22	117.37	TOTALS							
			358.42			TOTAL CONN. LOAD KVA							

PANELBOARD SCHEDULE													
Panel Name:	LP1		Volts: 120/208		Mains: 100A		Fed From: Mounting:		EDP: Feeder:		Interrupting Rating: 42kAIC		
TYPE:	SQUARE D "NQ"		phase: 3	wire: 4	lugs: X	breaker: X	surface: X	flush: X	top: X	bottom: X	COPPER BUS GROUND BAR		
BRANCH BREAKERS													
ITEM	CKT BKR	CKT NO.	LOAD (KVA)			LOAD(KVA)			CKT NO.	CKT BKR	ITEM		
LIGHTS SHOP BAY LIGHTS	201/1	1	1.42			0.01			2	201/1	LC 1 & LC 2 COIL VOLTAGE		
LIGHTS SHOP BAY LIGHTS	201/1	3			1.14		1.12		4	201/1	LIGHTS EXT. WALL PACKS (EAST)		
LIGHTS SHOP BAY LIGHTS	201/1	5			1.42			0.91	6	201/1	LIGHTS EXT. WALL PACKS (WEST)		
LIGHTS SHOP BAY LIGHTS	201/1	7	1.42			0.52			8	201/1	LIGHTS EXTERIOR COVERED BAY		
LIGHTS FAB SHOP	201/1	9		1.41			0.00		10	201/1	SPARE		
LIGHTS PARTS/OIL ROOM, ELEC RM, MEZZ	201/1	11			1.20			0.00	12	201/1	SPARE		
LIGHTS CONSTR. OFF. BREAK RM	201/1	13	0.90			0.00			14	201/1	SPARE		
LIGHTS TLTS. CORRIDOR, OFFICE 109-110	201/1	15		0.71					16	201/1	SPACE W/ BUSSING		
LIGHTS WASH BAY	201/1	17			1.37				18	201/1	SPACE W/ BUSSING		
SPARE	201/1	19	0.00						20	201/1	SPACE W/ BUSSING		
SPARE	201/1	21		0.00					22	201/1	SPACE W/ BUSSING		
SPARE	201/1	23			0.00				24	201/1	SPACE W/ BUSSING		
SPARE	201/1	25	0.00						26	201/1	SPACE W/ BUSSING		
SPARE	201/1	27		0.00					28	201/1	SPACE W/ BUSSING		
SPARE	201/1	29			0.00				30	201/1	SPACE W/ BUSSING		
SPACE W/ BUSSING		31							32	201/1	SPACE W/ BUSSING		
SPACE W/ BUSSING	201/1	33							34	201/1	SPACE W/ BUSSING		
SPACE W/ BUSSING	201/1	35							36	201/1	SPACE W/ BUSSING		
SPACE W/ BUSSING	201/1	37							38	201/1	SPACE W/ BUSSING		
SPACE W/ BUSSING	201/1	39							40	201/1	SPACE W/ BUSSING		
SPACE W/ BUSSING	201/1	41							42	201/1	SPACE W/ BUSSING		
			3.74	3.26	3.99	0.53	1.12	0.91					
			4.27	4.38	4.90	TOTALS							
			13.55	TOTAL CONN. LOAD KVA									

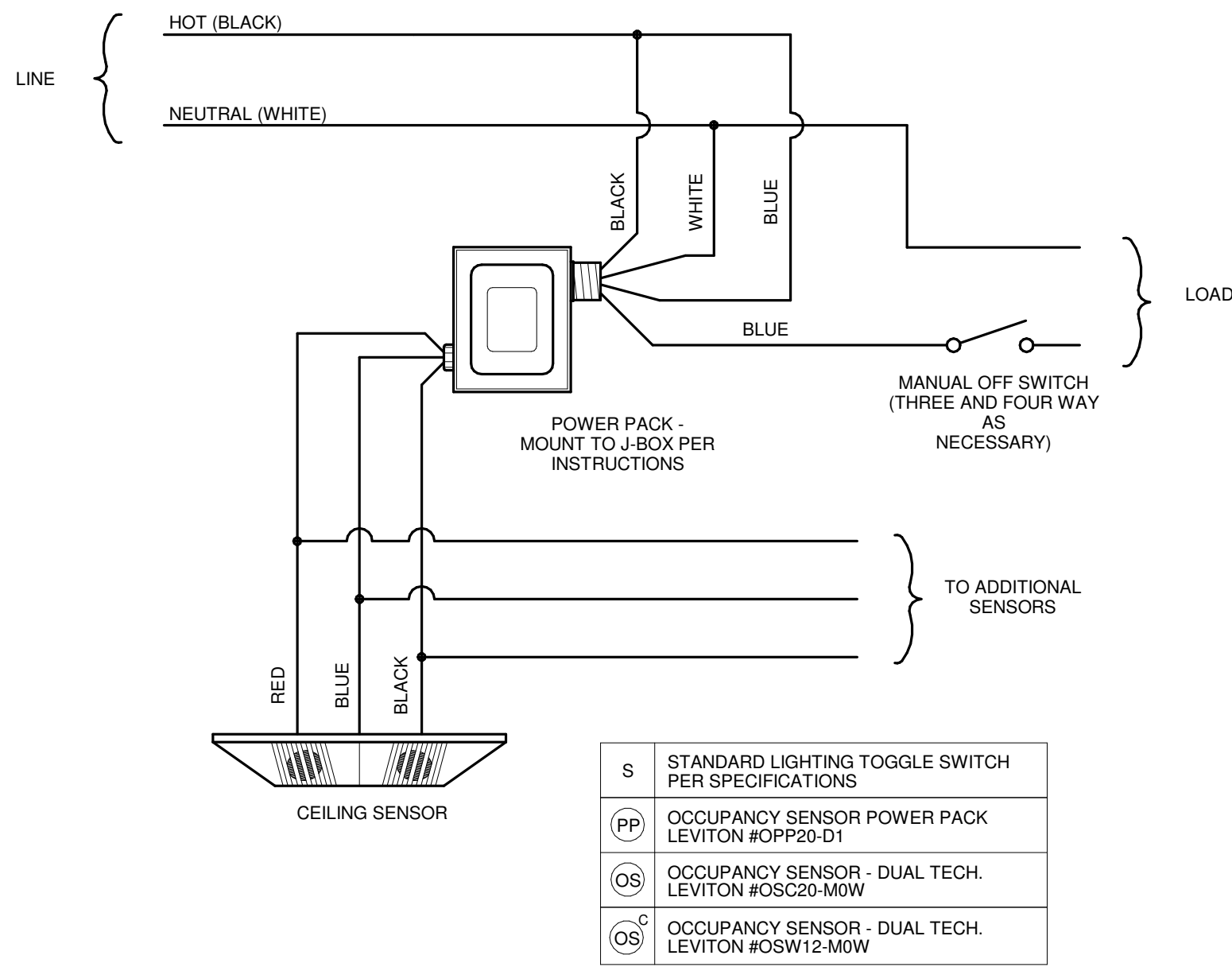
PANELBOARD SCHEDULE													
Panel Name:		Volts:		Mains:		Fed From:		EDP		Interrupting Rating:			
PP1		120/208		225A		Mounting:				42kAIC			
TYPE:		phase:		wire:		lugs		breaker		surface		flush	
SQUARE D "NQ"		3		4		X		X		Feeder:		top	
										bottom		X	
BRANCH BREAKERS													
ITEM		CKT	CKT	LOAD (KVA)			LOAD(KVA)			CKT	CKT	ITEM	
	BKR	NO.	A	B	C	A	B	C	NO.	BKR			
RECPTS	SHOP BAYS	201/1	1	0.60		1.50			2	201/1	OVERHEAD DOOR - SHOP BAY		
RECPTS	SHOP BAYS, EXTERIOR	201/1	3		1.00			1.50	4	201/1	OVERHEAD DOOR - SHOP BAY		
RECPTS	SHOP BAYS, EXTERIOR	201/1	5		1.00			1.50	6	201/1	OVERHEAD DOOR - SHOP BAY		
RECPTS	SHOP BAYS	201/1	7	0.80			1.50		8	201/1	OVERHEAD DOOR - SHOP BAY		
RECPTS	SHOP BAYS	201/1	9		0.60			1.50	10	201/1	OVERHEAD DOOR - SHOP BAY		
RECPTS	SHOP BAYS	201/1	11			0.80			12	201/1	OVERHEAD DOOR - FAB SHOP		
RECPTS	PARTS & OIL ROOMS, EXTERIOR	201/1	13	1.00			1.50		14	201/1	OVERHEAD DOOR - PARTS ROOM		
RECPTS	ELECTRICAL ROOM	201/1	15		0.60			1.50	16	201/1	OVERHEAD DOOR - WASH BAY		
DRYER - SHOP BAY		30/2	17			2.50			18	201/1	OVERHEAD DOOR - WASH BAY		
			19	2.50			1.24		20	201/1	ICE MACHINE - TRUCK SHED		
WASHING MACHINE - SHOP BAY		201/1	21		1.80			1.24	22				
RECPTS	OFFICE 119, TLTS 120, 121	201/1	23			1.20		0.18	24	201/1	ICE MACHINE HEAT TRACE		
RECPTS	CONSTR. OFFICE 116, EXT.	201/1	25	1.20			1.18		26	201/1	WEST ENTRY GATE		
RECPTS	SUPERVISER OFFICE 118	201/1	27		0.80			1.18	28	201/1	SOUTH ENTRY GATE		
RECPTS	OFFICE 117	201/1	29			0.80			0.00	30	201/1	SPARE	
RECPTS	BREAK ROOM 114	201/1	31	0.80			0.00		32	201/1	SPARE		
RECPTS	BREAK ROOM 114	201/1	33		0.60			0.00	34	201/1	SPARE		
REFRIGERATOR - BREAK ROOM 114		201/1	35			1.00		0.00	36	201/1	SPARE		
REFRIGERATOR - BREAK ROOM 114		201/1	37	1.00					38	201/1	SPARE		
MICROWAVE - BREAK ROOM 114		201/1	39						40	201/1	SPARE		
MICROWAVE - BREAK ROOM 114		201/1	41			1.20			42		SPACE W/ BUSSING		
DISHWASHER - BREAK ROOM 114		201/1	43	1.00					44		SPACE W/ BUSSING		
COFFEE MAKER - BREAK ROOM 114		201/1	45		1.20				46		SPACE W/ BUSSING		
ABOVE COUNTER - BREAK ROOM 114		201/1	47			0.40			48		SPACE W/ BUSSING		
OVEN - BREAK ROOM 114		50/2	49	4.00					50		SPACE W/ BUSSING		
			51		4.00				52		SPACE W/ BUSSING		
DISPOSAL - BREAK ROOM 114		201/1	53			1.18			54		SPACE W/ BUSSING		
RECPTS	STORAGE 115	201/1	55	0.80					56		SPACE W/ BUSSING		
ABOVE CTR - CTR WORK AREA - CORRIDOR 108		201/1	57		0.40				58		SPACE W/ BUSSING		
COPPER - WORK AREA IN CORRIDOR 108		201/1	59			1.00			60		SPACE W/ BUSSING		
RECPTS	OFFICE 110	201/1	61	1.20					62		SPACE W/ BUSSING		
RECPTS	OFFICE 109	201/1	63		0.80				64		SPACE W/ BUSSING		
RECPTS	OFFICE 109, EXTERIOR	201/1	65			0.80			66		SPACE W/ BUSSING		
RECPTS	ENTRY 107, CORRIDOR 108	201/1	67		0.60				68		SPACE W/ BUSSING		
ELECTRIC WATER COOLER - CORRIDOR 108		201/1	69		1.18				70		SPACE W/ BUSSING		
RECPTS	TLTS 112,113, JAN 101, 111, RECIRC	201/1	71			1.00			72		SPACE W/ BUSSING		
VENTING MACHINE - CORRIDOR 108		201/1	73	1.00					74		SPACE W/ BUSSING		
VENTING MACHINE - CORRIDOR 108		201/1	75		1.00				76		SPACE W/ BUSSING		
VENT HOOD - BREAK ROOM 114		201/1	77			0.30			78		SPACE W/ BUSSING		
RECPTS	WASH BAY	201/1	79						80		SPACE W/ BUSSING		
RECPTS	MEZZANINE & MEZZ EQUIP ROOM	201/1	81	1.20					82		SPACE W/ BUSSING		
FIRE ALARM CONTROL PANEL		201/1	83			0.60			84		SPACE W/ BUSSING		
				17.30	16.36	13.78	6.92	6.92	4.68	8			
				24.22	23.30	18.46	TOTALS						
				65.98	TOTAL CONN. LOAD KVA								
PROVIDE GFCI TYPE BREAKERS FOR THE FOLLOWING CKTS: #1 THRU #13, #21, #23 THRU #34, #49#51, #69, #73, #75, #81 THRU #93													
PROVIDE GFCI TYPE CIRCUIT BREAKERS FOR THE FOLLOWING CKTS: #24.													



EXIT LIGHT AND EMERGENCY BATTERY NOTES:
WIRE EXIT LIGHTS AND EMERGENCY BATTERIES WITH
UN-SWITCHED LEAD FROM THE SAME BRANCH CIRCUIT
AS THE CIRCUIT SHOWN FOR EACH FIXTURE.

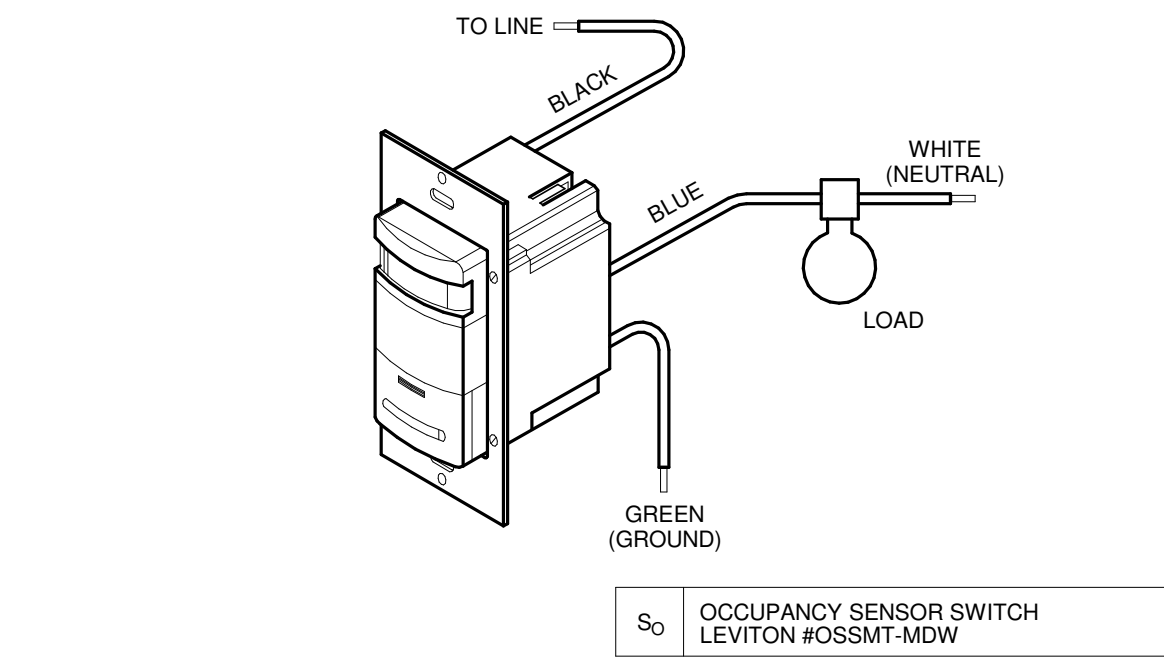
EMERGENCY BATTERY WIRING

1
E701
NTS



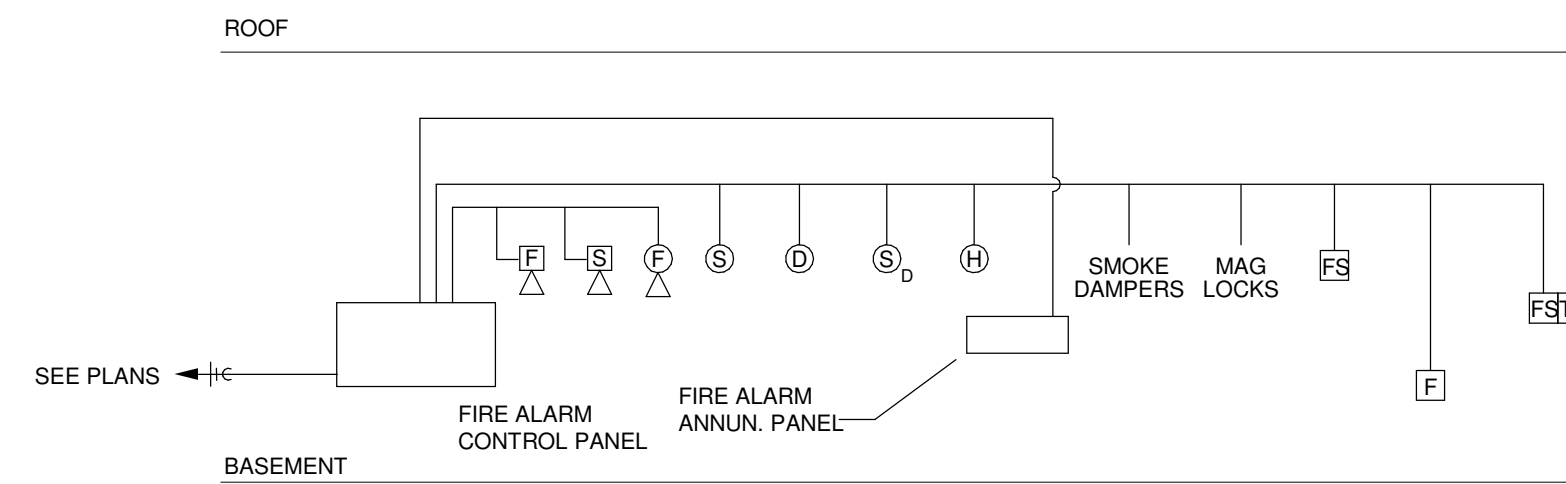
CEILING OCCUPANCY SENSOR DETAIL

2
E701
NOT TO SCALE



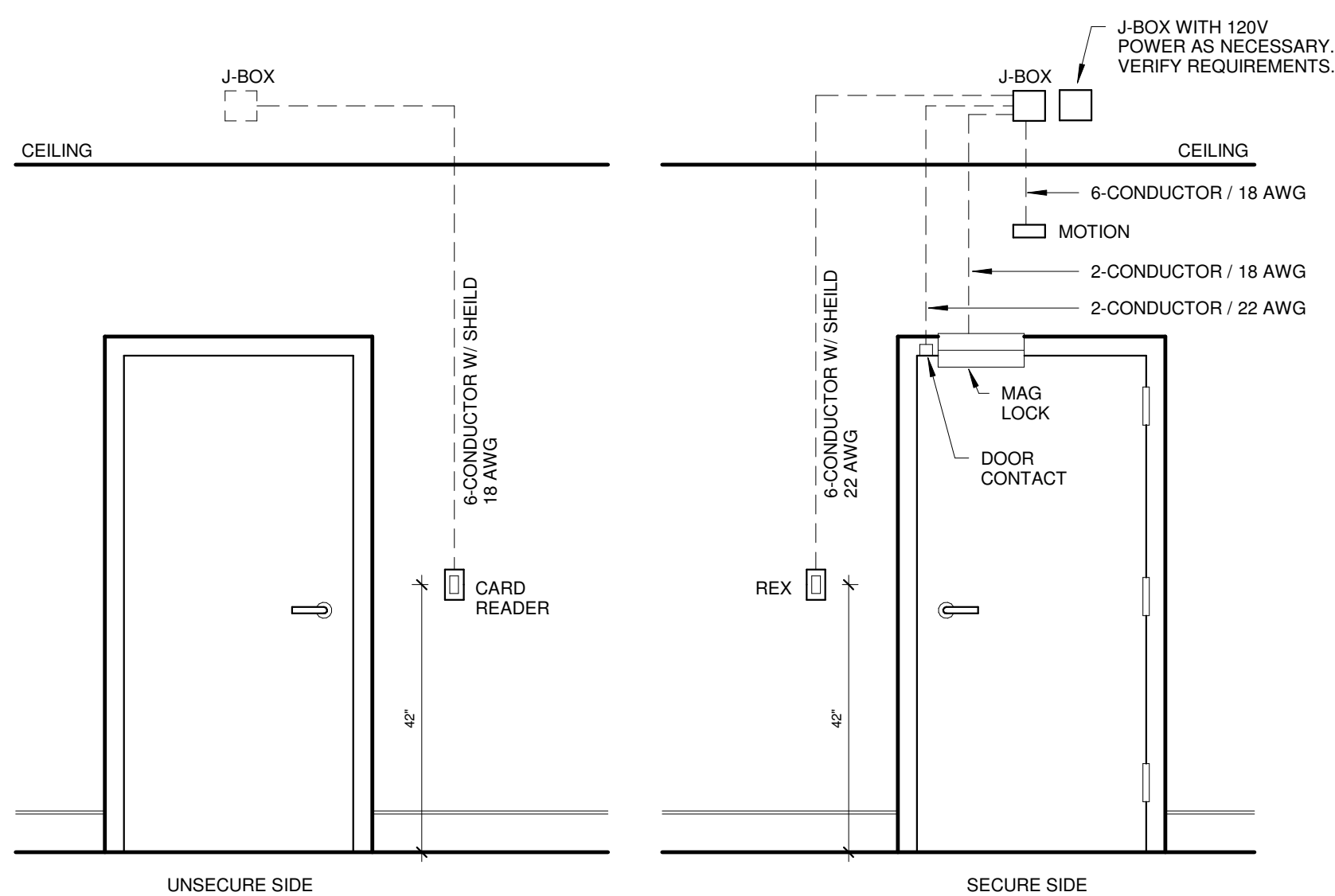
WALL OCCUPANCY SENSOR DETAIL

3
E701
NOT TO SCALE

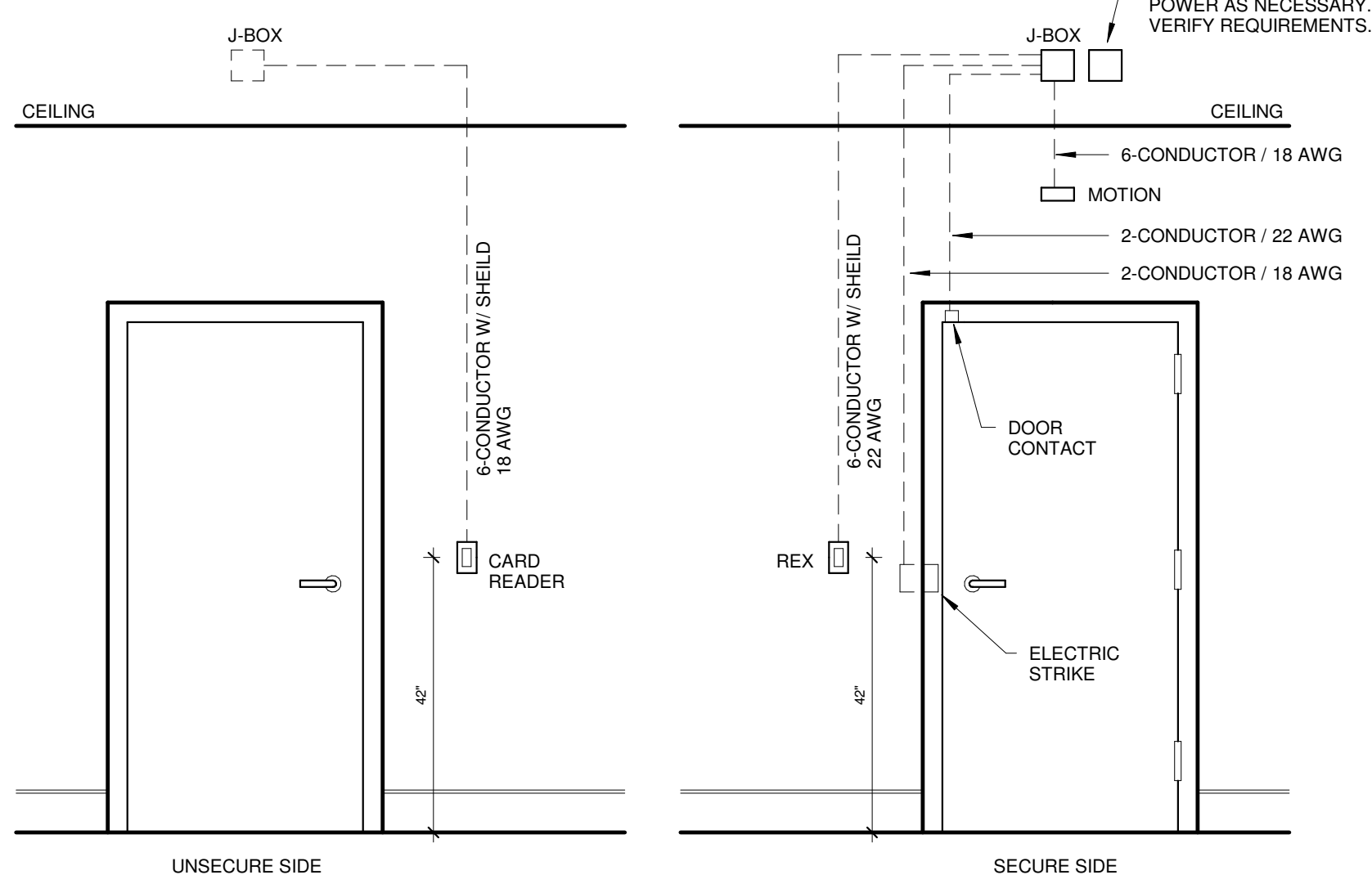


NOTES:
ALL FIRE ALARM WIRING SHALL BE INSTALLED IN CONDUIT.
PROVIDE (2) TWO DEDICATED PHONE LINES FROM DEMARKATION POINT TO FIRE ALARM CONTROL PANEL.
COORDINATE EXACT LOCATIONS/QUANTITIES OF TAMPER AND FLOW SWITCHES WITH FIRE PROTECTION CONTRACTOR.
COORDINATE EXACT LOCATION AND INSTALLATION OF DUCT SMOKE DETECTORS WITH MECHANICAL CONTRACTOR.
QUANTITIES OF EACH DEVICE TYPE ARE NOT SHOWN. VERIFY DEVICE COUNT PER DELEGATED DESIGN BY FIRE ALARM CONTRACTOR.
FIRE ALARM TO BE DESIGNED AND REVIEWED BY NICET CERTIFIED AND STATE LICENSED ALARM COMPANY FOR COMPLIANCE WITH LOCAL AND STATE CODES.
FIRE ALARM INSTALLER TO PROVIDE CALCULATION AND DESIGN OF AUDIBLE AND VISIBLE NOTIFICATION APPLIANCE PLACEMENT. DEVICES IN LOCATIONS SHOWN ARE FOR GENERAL PRICING AND REFERENCE ONLY.
COORDINATE FIRE ALARM INSTALLATION WITH BUILDING FIRE PROTECTION CONTRACTOR. INSTALLATION MUST CONFORM TO STATE FIRE CODES. PROVIDE ALL DEVICES NECESSARY TO INTERFACE WITH SPRINKLER SYSTEM, EXHAUST HOODS, AIR HANDLERS, AND SMOKE DAMPER SYSTEM.

DELEGATED DESIGN NOTE:
NOTE: FIRE ALARM DEVICES ARE SHOWN AS A GENERAL REFERENCE ONLY. THE ENTIRE FIRE ALARM SYSTEM IS A DELEGATED DESIGN AND THE FIRE ALARM CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND PLACEMENT OF ALL FIRE ALARM DEVICES TO MEET APPLICABLE CODES PER SPECIFICATIONS 28.31.11.



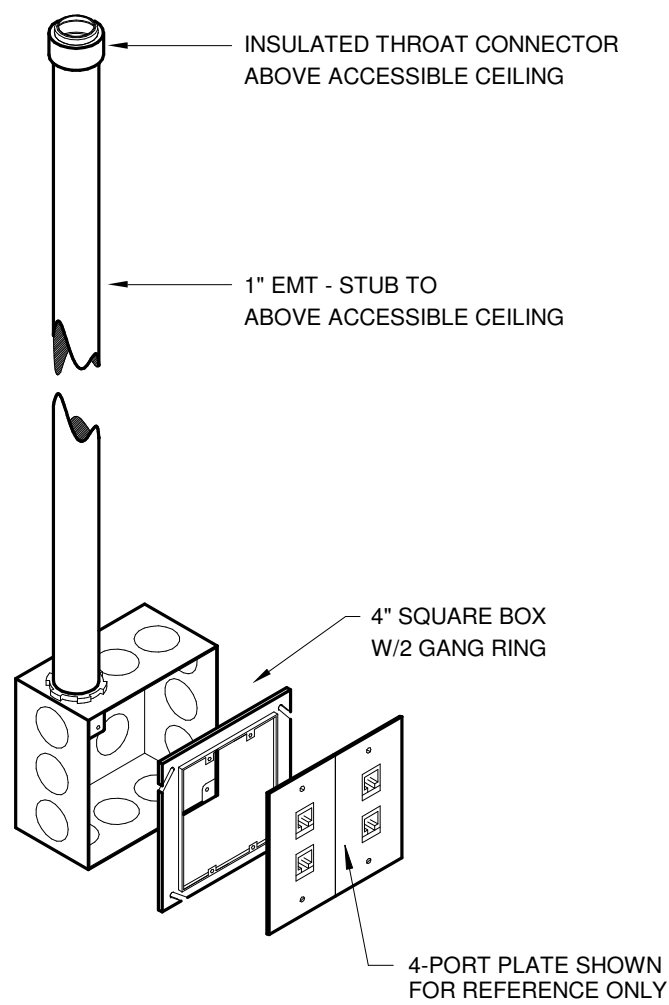
MAG-LOCK DOOR



ELECTRIC STRIKE DOOR

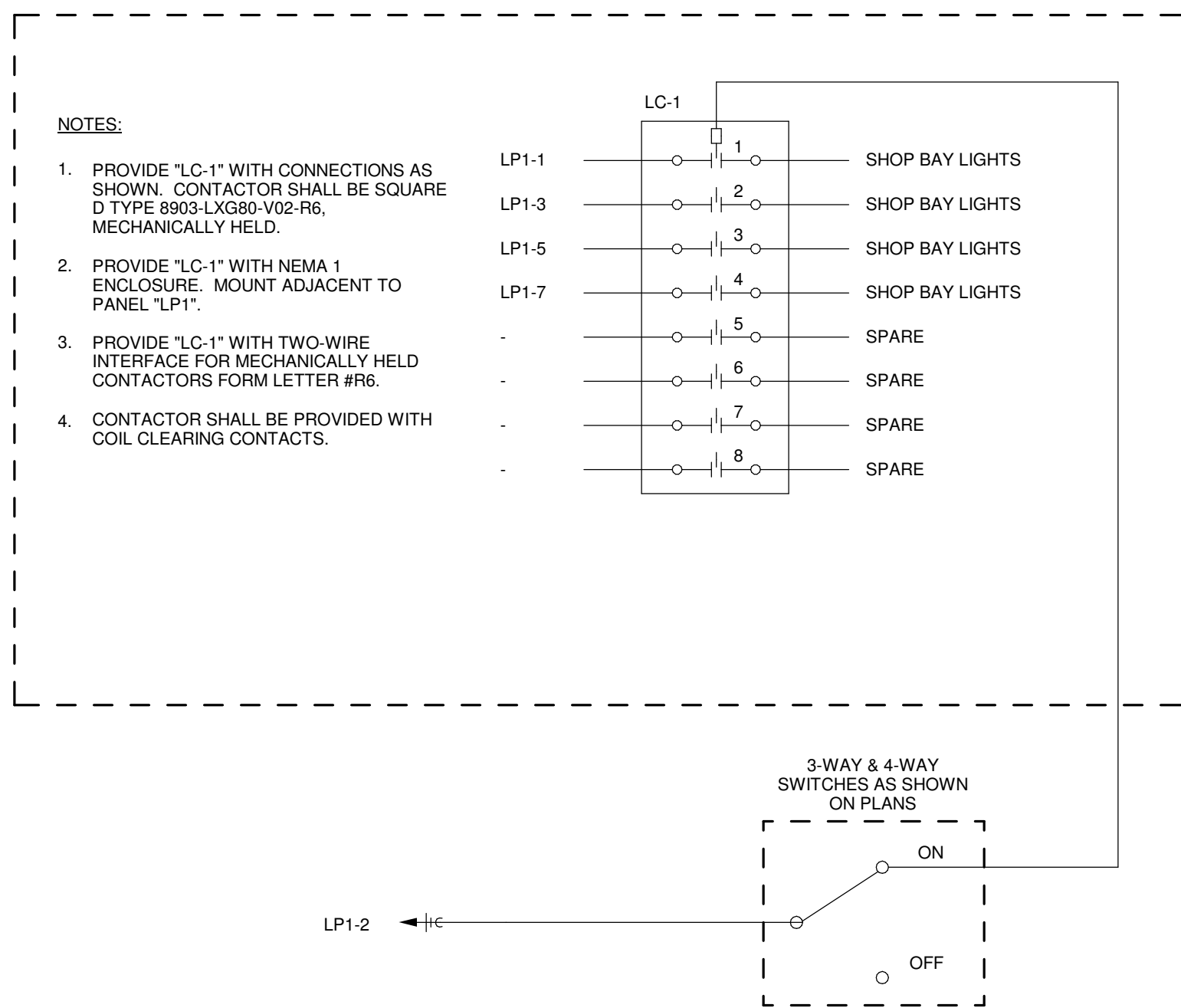
TYPICAL DOOR ACCESS

6
E701
1/2" = 1'-0"



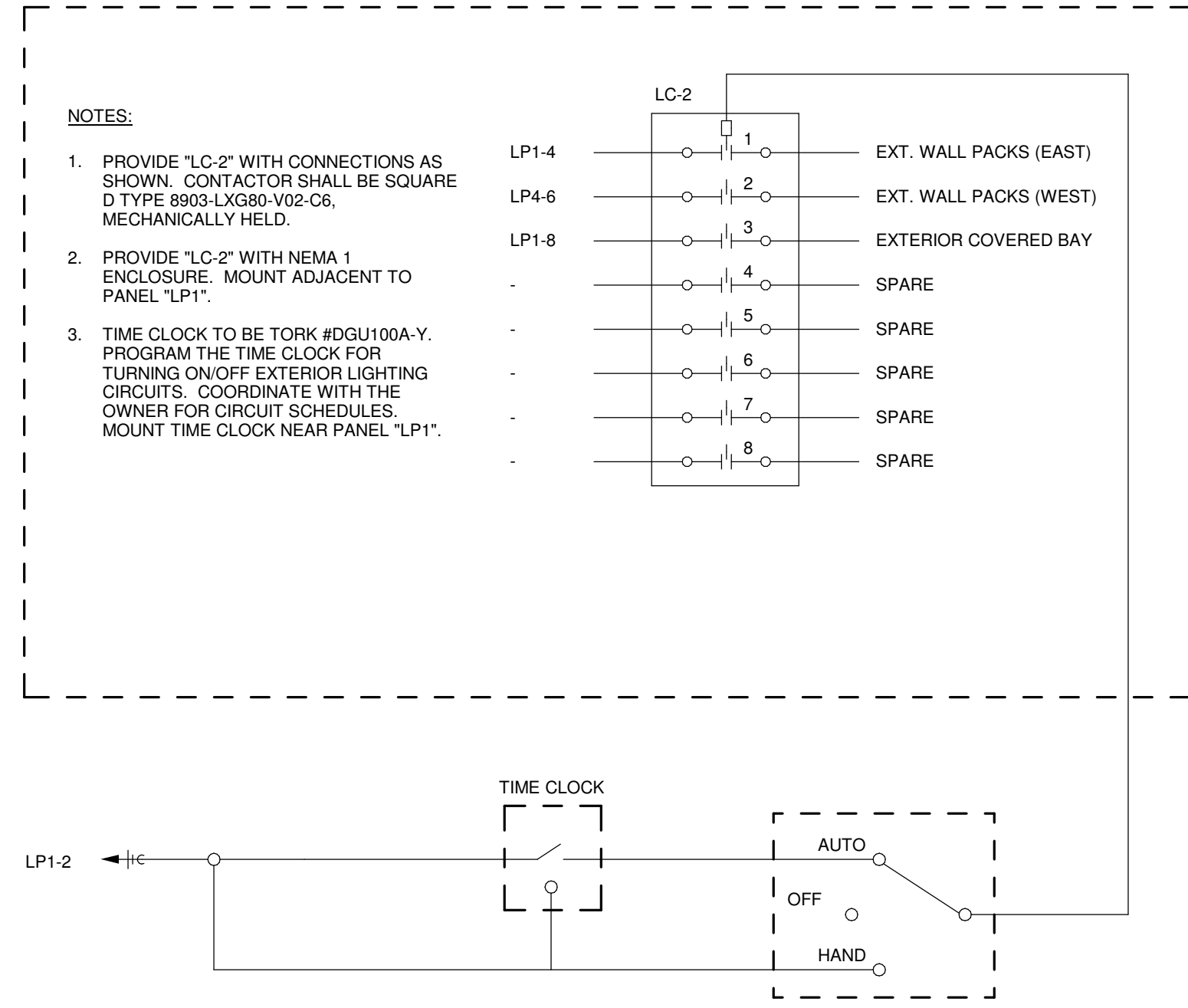
TELE/DATA OUTLET DETAIL

4
E701
NOT TO SCALE



LIGHTING CONTROL DETAIL "LC-1"

7
E701
NO SCALE



LIGHTING CONTROL DETAIL "LC-2"

8
E701
NO SCALE



CRAIGHEAD ELECTRIC
MAINTENANCE SHOP ADDITION
4314 STADIUM BLVD.
JONESBORO, ARKANSAS

PROJECT TITLE

ELECTRICAL DETAILS

CONTENTS

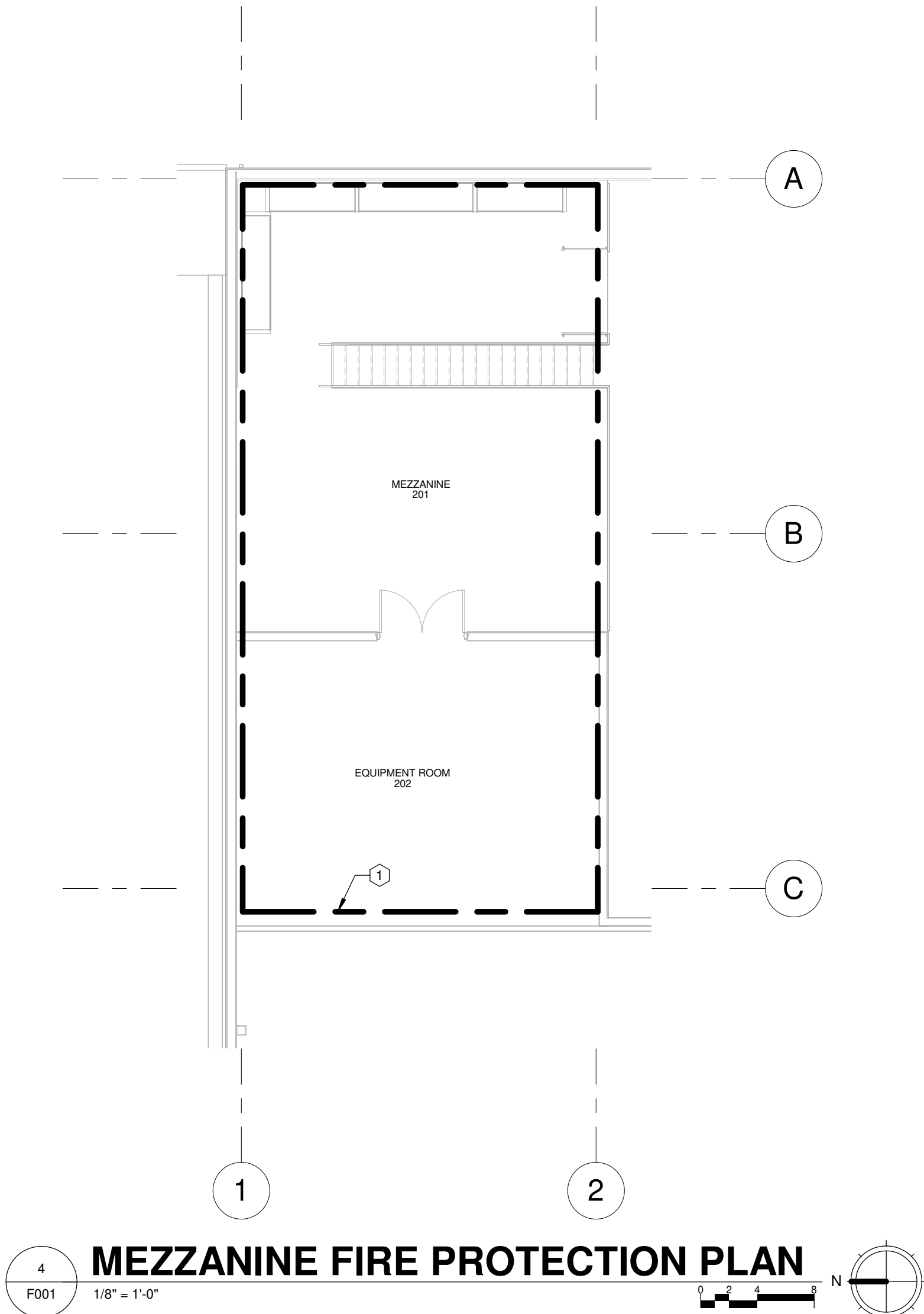
REVISIONS

NO. | DATE | DESCRIPTION

24-096	JOB NO.
02.14.2025	DATE
ISSUE SET	

E701

24-096 03/29/2024 10:59 AM Autodesk Docs Original Design Maintenance Shop 6106 C:\22\Drawings\Shop_Maintenance\Shop_Maintenance.dwg



MEZZANINE FIRE PROTECTION PLAN

KEYED NOTES:

- 1 WET PIPE SPRINKLER SYSTEM TO BE PROVIDED FOR MEZZANINE AS INDICATED BY OUTLINE.

GENERAL NOTES:

- REFER TO SPECIFICATIONS AND PROJECT MANUAL FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- REFER TO ALL PROJECT DRAWINGS FOR DETAILS OF CONSTRUCTION AND INSTALLATION REQUIREMENTS.
- REFER TO GENERAL CONDITIONS AND SUPPLEMENTARY GENERAL CONDITIONS FOR THE CONTRACT. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR FULL COORDINATION OF PROJECT INCLUDING THE EQUIPMENT AND INSTALLATION OF THE MECHANICAL WORK.
- CONTRACTOR SHALL BECOME, PRIOR TO BID, THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THESE NOTES AS WELL AS OTHER NOTES SHOWN ON THE CONTRACT DOCUMENTS.
- THESE DRAWINGS REFLECT A SYSTEM DESIGNED AROUND SPECIFIC REFERENCE PRODUCTS (SEE SCHEDULES), THE SELECTION OF WHICH HAS INFLUENCED THE DESIGNS OF OTHER TRADES (ELECTRICAL, STRUCTURAL, ETC.). IF SUBSTITUTE MANUFACTURERS, SIZES, OR MODEL NUMBERS ARE BID OR SUBMITTED, IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR AND ALL HIS SUBCONTRACTORS TO COORDINATE ALL DIFFERENCES PRIOR TO BID. ALL COSTS OF ALL TRADES ASSOCIATED WITH THE SUBSTITUTION SHALL BE INCLUDED IN THE BID.
- COORDINATION OF ALL MODIFICATIONS TO EACH DISCIPLINE WHICH RESULT FROM SUBSTITUTION OF EQUIPMENT OR MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SUBSTITUTIONS WHICH ARE INSTALLED AND SUBSEQUENTLY ARE PROVEN UNSATISFACTORY BY OWNER AND/OR ENGINEER, WITHIN THE WARRANTY PERIOD, SHALL BE REMOVED COMPLETELY BY THE CONTRACTOR AND REPLACED WITH THE ORIGINAL DESIGN OR CORRECTED AS DIRECTED BY THE ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.
- ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRICAL RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, SEQUENCE, DEVICE, OPTION, FITTING, OR COMPONENT.
- INFORMATION AND COMPONENTS SHOWN ON RISER DIAGRAMS OR DETAILS, BUT NOT SHOWN ON PLANS, AND VICE VERSA, SHALL BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH.
- CONTRACTOR SHALL NOT SCALE DRAWINGS. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT LIMIT THE RESPONSIBILITY OF WORK REQUIRED BY THE CONTRACT DOCUMENTS.
- UNLESS NOTED OTHERWISE, THE INDICATION AND/OR DESCRIPTION OF ANY ITEM, IN THE DRAWINGS OR SPECIFICATIONS CARRIES WITH IT THE INSTRUCTION TO FURNISH AND INSTALL THE ITEM.
- EXACT LOCATIONS OF ALL EQUIPMENT, ROOF CURBS, DUCTS, DIFFUSERS, ETC. SHALL BE COORDINATED WITH OTHER TRADES. CEILING MOUNTED SPRINKLER, LIGHTING, AND ELECTRICAL REQUIREMENTS TAKE PRECEDENCE OVER CEILING MOUNTED MECHANICAL REQUIREMENTS. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING GRID AND LIGHTING LAYOUT FOR COORDINATION OF FINAL DIFFUSER LOCATIONS.
- SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING DETAILS AND DIMENSIONS.
- COORDINATE PLACEMENT OF ALL THERMOSTATS, ROOF MOUNTED EQUIPMENT, ETC. WITH ARCHITECTURAL AND STRUCTURAL TRADES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF OTHER TRADES. REFER TO ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND OTHER DRAWINGS FOR COMPLETE INFORMATION PRIOR TO BID.
- ROUGH-IN OR INSTALLATION OF OWNER FURNISHED EQUIPMENT SHALL NOT BEGIN UNTIL APPROVED EQUIPMENT DRAWINGS ARE OBTAINED FROM OWNER OR ARCHITECT. DO NOT SUBMIT SHOP DRAWINGS FOR ANY EQUIPMENT WHICH MAY BE COORDINATED WITH OWNER FURNISHED ITEMS UNTIL THE APPROVED DRAWINGS ARE OBTAINED FROM OWNER OR ARCHITECT. VERIFY THE APPROVED EQUIPMENT HAS THE SAME ROUGH-IN AND FINAL CONNECTION REQUIREMENTS AND DESIGN CRITERIA AS THE DOCUMENTS. NOTIFY ENGINEER OF ANY CHANGES, INCOMPATIBILITY, OR UNUSUAL CONDITIONS IMMEDIATELY. SEE SPECIFICATIONS OR DRAWINGS FOR LIST OF OWNER FURNISHED EQUIPMENT WHERE APPLICABLE.
- ALL MECHANICAL CONSTRUCTION DETAILS SHALL BE AS SHOWN AND AS REQUIRED TO MAINTAIN "UL" ASSEMBLY RATINGS AS SHOWN ON ARCHITECTURAL SHEETS. SEAL AROUND ALL PENETRATIONS THOROUGH UL RATED ASSEMBLIES, FIRE AND SMOKE WALLS. COORDINATE WITH GENERAL CONTRACTOR.
- NO OTHER TRADES, I.E., ELECTRICAL, CEILING, PLUMBING, ETC., SHALL BE SUSPENDED, HUNG, OR SUPPORTED FROM DUCTWORK OR PIPING.
- ROOFING CONTRACTOR SHALL BE RESPONSIBLE FOR FLASHING AND SEALING OF ALL ROOF PENETRATIONS.
- SPECIAL CARE SHALL BE TAKEN ON THE ROOFS TO PREVENT DAMAGE. ANY DAMAGE SHALL BE PROMPTLY REPAIRED AT NO EXPENSE TO THE OWNER. COMPLY WITH BONDING REQUIREMENTS OF EXISTING ROOF.
- PROVIDE CONCRETE PADS FOR ALL GROUND-MOUNTED EQUIPMENT.
- REPLACE ALL ARCHITECTURAL FEATURES REMOVED OR DAMAGED DURING THE COURSE OF THE WORK.

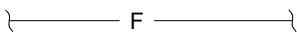
FIRE PROTECTION DRAWING INDEX

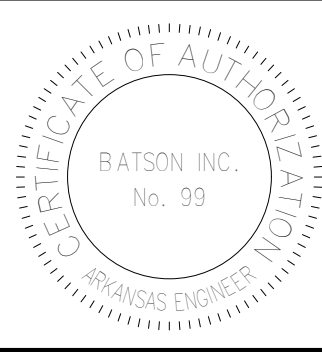
F001	FIRE PROTECTION NOTES, LEGEND, INDEX, & MEZZANINE PLAN
F101	FIRE PROTECTION FLOOR PLAN

FIRE PROTECTION NOTES:

- REFER TO GENERAL NOTES ON DRAWING.
- REFER TO DRAWING FOR ADDITIONAL INFORMATION.
- PROVIDE A COMPLETE HYDRAULICALLY CALCULATED, FULLY AUTOMATIC, WET PIPE SPRINKLER SYSTEM, AS PER NFPA 13, SPECIFICATIONS, AND LOCAL CODE AND INSURER'S REQUIREMENTS.
- FIRE PROTECTION SYSTEMS, PIPING, PUMPS, VALVES, AND ACCESSORIES INDICATED ON THE DRAWINGS ARE DIAGRAMMATIC ONLY. IT IS THE RESPONSIBILITY OF THE DESIGNING CONTRACTOR TO VERIFY EQUIPMENT SELECTIONS, PIPE ROUTING, ETC. FOR CODE COMPLIANCE, INSURER COMPLIANCE, AND ARCHITECTURAL/STRUCTURAL CONFORMITY.
- FIRE PROTECTION SYSTEM SHOP DRAWINGS SHALL INCLUDE SEPARATE AND COMPLETE REFLECTED CEILING PLANS INDICATING LOCATION OF EACH SPRINKLER HEAD, AS WELL AS PIPING LAYOUTS. PROVIDE ADDITIONAL SPRINKLER HEADS (OVER CODE MINIMUM QUANTITIES) IF REQUESTED BY ARCHITECT, TO OBTAIN SYMMETRICAL CEILING LAYOUTS.
- SPRINKLER SYSTEM SHALL BE COMPLETE WITH BACKFLOW PREVENTION DEVICES, VALVES, P.I.V.'S, ALARM BELLS, SIAMASEE CONNECTIONS, SPRINKLER PIPES & HEADS, ELECTRONIC SUPERVISION, FIRE DEPARTMENT CONNECTIONS, HYDRANTS, ACCESSORIES, ETC., AS REQUIRED BY NFPA, INSURER, AND LOCAL AUTHORITIES.
- COORDINATE LOCATIONS OF FIRE EXTINGUISHER AND FIRE HOSE CABINETS WITH ARCHITECTURAL PLANS.
- SYSTEM SHALL INTERFACE WITH THE BUILDING FIRE ALARM SYSTEM. SEE ELECTRICAL.
- PROVIDE HEADS SUITABLE FOR TEMPERATURES TO BE ENCOUNTERED.
- SEE SPECIFICATIONS AND PROJECT MANUAL FOR SYSTEM REQUIREMENTS. REFER TO ARCHITECTURAL DRAWINGS FOR BUILDING DETAILS AND REFLECTED CEILING PLAN.
- ALL VALVES SHALL HAVE ELECTRONIC SUPERVISION.
- HYDRAULIC CALCULATIONS SHALL BE BASED ON THE HYDRANT FLOW TEST. CONTRACTOR SHALL VERIFY FLOW TEST DATA WITH LOCAL AUTHORITIES PRIOR TO SYSTEM DESIGN OR PREPARATION OF SHOP DRAWINGS.
- IF HYDRAULIC CALCULATIONS AND CURRENT FLOW TEST DATA INDICATES THAT A FIRE PUMP IS REQUIRED, NOTIFY ENGINEER 4 DAYS PRIOR TO BID.
- SPECIAL CONSIDERATION SHALL BE GIVEN TO AREAS THROUGH THE BUILDING SUCH AS DROPPED SOFFITS AND LIGHTING SOFFITS THAT NECESSITATE ADDITIONAL SPRINKLER HEADS. REFER TO ARCHITECTURAL PLANS TO BUILDING DETAILS.
- LAYOUT THE SPRINKLER PIPING SO THAT THERE IS A MINIMUM SEPARATION OF 18" BETWEEN THE CEILING HEIGHT AND THE BOTTOM OF THE SPRINKLER PIPE, EVEN IF THIS REQUIRES RUNNING THE PIPE IN THE JOIST SPACE.
- DUCT RUNS AND GRAVITY DRAINAGE SYSTEMS HAVE PRIORITY OVER SPRINKLER LINE MAINS, BRANCHES, AND DROPS. OFFSET DROPS TO OBTAIN REQUIRED HEAD LAYOUT, COORDINATE WITH OTHER TRADES.
- CONDUCT A COORDINATION MEETING WITH SUBCONTRACTORS TO ESTABLISH CLEARANCE REQUIREMENTS NEEDED FOR MECHANICAL, PLUMBING AND ELECTRICAL WORK PRIOR TO FABRICATION OF SPRINKLER SYSTEM. ANY RELOCATION OF FIRE SPRINKLER SYSTEM REQUIRED FOR PROPER INSTALLATION OF M.E.P. SYSTEMS SHALL BE AT THE CONTRACTOR'S EXPENSE.
- THE SPRINKLER CONTRACTOR SHALL BASE HIS DESIGN LAYOUT AND BID ON CAREFUL COORDINATION OF THE MECHANICAL, PLUMBING, ELECTRICAL AND STRUCTURAL SYSTEMS IN THE BUILDING.
- RUN PIPING HORIZONTALLY AND AT RIGHT ANGLES TO WALLS AND CEILINGS. CENTER SPRINKLER HEADS IN BOTH HORIZONTAL DIRECTIONS WITH RESPECT TO CEILING COMPONENTS, SUCH AS CEILING GRID, LIGHT FIXTURES, HVAC DIFFUSERS AND SPEAKERS, AS DIRECTED BY ARCHITECT. SPRINKLER HEADS MUST BE CENTERED IN CEILING GRID PANELS (TYPICAL AT ALL LAY-IN CEILINGS).
- PROVIDE TEST CONNECTIONS AT MOST REMOTE POINT OF MAIN PORTION OF EACH SPRINKLER SYSTEM.
- DO NOT PAINT SPRINKLER HEADS.
- PAINT EXPOSED SPRINKLER PIPING IN FINISHED SPACES PER ARCHITECT'S DIRECTION.
- SPRINKLER HEADS SHALL HAVE FINISH WITH ESCUTCHEONS PER THE SPECIFICATIONS.

FIRE PROTECTION LEGEND

ABBREVIATION OR SYMBOL	DESCRIPTION
 F	FIRE PROTECTION SYSTEM



NO.	DATE	DESCRIPTION
-----	------	-------------

24-096

02.14.2025

ISSUE SET

F001

CRAIGHEAD ELECTRIC
MAINTENANCE SHOP ADDITION

4314 STADIUM BLVD.
JONESBORO, ARKANSAS

FIRE PROTECTION NOTES,
LEGEND, INDEX, & MEZZANINE
PLAN



FIRE PROTECTION FLOOR PLAN

NO.	DATE	DESCRIPTION
		24-096
		02.14.2025
		ISSUE SET

F101



KEYED NOTES:

- 1 SEE CIVIL FOR CONTINUATION.
- 2 FIRE SERVICE RISES TO CCDA AND WET PIPE RISER.
- 3 WET PIPE SPRINKLER SYSTEM TO BE PROVIDED FOR BUILDING AS INDICATED BY OUTLINE.
- 4 ALL FIRE PROTECTION PIPING TO BE SIZED BY FIRE PROTECTION CONTRACTOR.
- 5 MEZZANINE ABOVE: SEE 1/F001.
- 6 FIRE DEPARTMENT SIAMSESE CONNECTION. COORDINATE EXACT LOCATION WITH FIELD VERIFIED FIRE HYDRANT LOCATION. SEE CIVIL PLANS FOR EXACT LOCATION. PROVIDE FDC SIGN ABOVE WITH MINIMUM 4" RED LETTERS.
- 7 DOMESTIC WATER BACKFLOW PREVENTER. COORDINATE WITH PLUMBING.
- 8 NO SPRINKLER SYSTEM IN WASH BAY.



GENERAL NOTES:

1. REFER TO SPECIFICATIONS AND PROJECT MANUAL FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
2. REFER TO ALL PROJECT DRAWINGS FOR DETAILS OF CONSTRUCTION AND INSTALLATION REQUIREMENTS.
3. REFER TO GENERAL CONDITIONS AND SUPPLEMENTARY GENERAL CONDITIONS FOR THE CONTRACT. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR FULL COORDINATION OF PROJECT SCHEDULE, SEQUENCE, AND LOGISTICS OF ALL TRADES AND WORK.
4. CONTRACTOR SHALL BECOME, PRIOR TO BID, THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THESE NOTES AS WELL AS OTHER NOTES SHOWN ON THE CONTRACT DOCUMENTS.
5. THESE DRAWINGS REFLECT A SYSTEM DESIGNATED AROUND SPECIFIC REFERENCE TO THE TRADES AND SCHEDULES OF WHICH HAS BEEN UNDERTAKEN. THE DESIGN OF OTHER TRADES (ELECTRICAL, STRUCTURAL, ETC.) IF SUBSTITUTE FOR THE DESIGNATED TRADES, SHALL BE THE RESPONSIBILITY OF THE TRADES. THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR AND ALL HIS SUBCONTRACTORS TO COORDINATE ALL DIFFERENCES PRIOR TO BID. ALL COSTS OF ALL TRADES ASSOCIATED WITH THE SUBSTITUTION SHALL BE THE RESPONSIBILITY OF THE BIDDER.
6. COORDINATION OF ALL MODIFICATIONS TO EACH DISCIPLINE WHICH RESULT FROM SUBSTITUTION OF EQUIPMENT OR MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN AND SUBMIT PROVEN UNUSUAL MATERIALS BY OWNER AND/OR ENGINEER. WITHIN THE WARRANTY PERIOD, SHALL BE REMOVED COMPLETELY BY THE CONTRACTOR AND REPLACED WITH AN EQUAL OR BETTER QUALITY MATERIAL AS DIRECTED BY THE ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.
7. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR DISPOSITION OF MATERIALS AND EQUIPMENT. THE CONTRACTOR SHALL BE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, SEQUENCE, DEVICE, OPTION, FITTING, OR COMPONENT.
8. INFORMATION AND CONVENIENCES SHOWN ON RISER DIAGRAMS OR DETAILS, BUT NOT SHOWN ON PLANS, AND VICE VERSA, SHALL BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH.
9. CONTRACTOR SHALL NOT SCALE DRAWINGS. DRAWINGS SPECIFIC TO THIS PROJECT DO NOT HAVE THE RESPONSIBILITY OF WORK REQUIRED BY THE CONTRACT DOCUMENTS.
10. UNLESS NOTED OTHERWISE, THE INDICATION AND/OR DESCRIPTION OF ANY ITEM, IN THE DRAWINGS OR SPECIFICATIONS CARRIES WITH IT THE INSTRUCTION TO FURNISH AND INSTALL THE ITEM.
11. EXACT LOCATIONS OF ALL EQUIPMENT, ROOF CURBS, DUCTS, DIFFUSERS, ETC. SHALL BE COORDINATED WITH OTHER TRADES, CEILING MOUNTED SPRINKLER LIGHTING, AND ALL OTHER TRADES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MECHANICAL REQUIREMENTS. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING GRID AND LIGHTING LAYOUT FOR COORDINATION OF FINAL FINISH LOCATIONS.
12. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING DETAILS AND FINISHES.
13. COORDINATE PLACEMENT OF ALL THERMOSTATS, ROOF MOUNTED EQUIPMENT, ETC. WITH ARCHITECTURAL AND STRUCTURAL TRADES.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF OTHER TRADES. REFER TO ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND OTHER TRADES FOR COORDINATION.
15. ROUTE-IN OR INSTALLATION OF OWNER FURNISHED EQUIPMENT SHALL NOT BEGIN UNTIL APPROVED EQUIPMENT DRAWINGS ARE OBTAINED FROM OWNER OR ARCHITECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE APPROVED DRAWINGS WITH OWNER FURNISHED ITEMS UNTIL THE APPROVED DRAWINGS ARE OBTAINED FROM OWNER OR ARCHITECT. VERIFIED THE APPROVED EQUIPMENT HAS THE SAME ROUGH-IN AND/OR INSTALLATION REQUIREMENTS AND DESIGN CRITERIA AS THE DOCUMENTS. NOTIFY ENGINEER OF ANY CHANGES, INCOMPATIBILITY, OR UNUSUAL CONDITIONS IMMEDIATELY. SPECIFY THE EQUIPMENT AND DRAWINGS FOR OWNER FURNISHED EQUIPMENT (WHERE APPLICABLE).
16. ALL MECHANICAL CONSTRUCTION DETAIL SECTION SHALL BE AS SHOWN AND AS REQUIRED TO BE PROTECTED FROM DAMAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING AROUND ALL PENETRATIONS THROUGH UL RATED ASSEMBLIES, FIRE AND SMOKE WALLS. COORDINATE WITH GENERAL CONTRACTOR.
17. NO OTHER TRADES, I.E. ELECTRICAL, CEILING, PLUMBING, ETC., SHALL BE SUSPENDED, BIDDING OR SUPPLEMENTED BY MECHANICAL TRADES.
18. ROOFING CONTRACTOR SHALL BE RESPONSIBLE FOR FLASHING AND SEALING OF ALL ROOF PENETRATIONS.
19. SPECIAL CARE SHALL BE TAKEN ON THE ROOFS TO PREVENT LEAKAGE. ANY DAMAGE SHALL BE PROMPTLY REPAIRED AT NO EXPENSE TO THE OWNER. COMPLY WITH DAMAGING REQUIREMENTS.
20. PROVIDE CONCRETE PADS FOR ALL GROUND-MOUNTED EQUIPMENT.
21. REPLACE ALL ARCHITECTURAL FEATURES REMOVED OR DAMAGED DURING THE COURSE OF THE WORK.

REFRIGERATION PIPING NOTES:

1. ALL INSTALLATION PROCEDURES SHALL BE AS DIRECTED BY THE REFRIGERATION CONTRACTOR TO INSURE THAT ALL OF THE SYSTEMS ARE COMPATIBLE.
2. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
3. ALL REFRIGERATION PIPING SHALL USE THE SIZES AND DETAILS OF CONSTRUCTION AS DIRECTED BY THE EQUIPMENT MANUFACTURER.
4. DO NOT VENT REFRIGERANT TO THE ATMOSPHERE. RECOVER OR RECLAIM PER THE LATEST REGULATIONS AND ASHRAE GUIDELINES.

HVAC NOTES:

REFER TO GENERAL NOTES ON DRAWING FOR ADDITIONAL REQUIREMENTS

- PROVIDE ACCESS DOORS TO ALL FIRE DAMPERS, SMOKE DAMPERS, EQUIPMENT, COLLS, ETC. WHERE NOT DIRECTLY ACCESSIBLE THROUGH AIR DEVICES OR REMOVABLE CEILING GRID. MINIMUM SIZE SHALL BE 18" X 18" IF UNLESS NOTED OTHERWISE.
- SEE STRUCTURAL PLANS FOR EXACT DIMENSIONS AND DETAILS OF THE BUILDING.
- MAINTAIN A MINIMUM OF 18" 19" BETWEEN ALL FRESH AIR INTAKES AND PLUMBING VENTS EXHAUST FAN DISCHARGE, FLUES, ETC. COORDINATE WITH ALL OTHER CONTRACTORS ON SITE.
- SEAL ALL ROOF AND WALL PENETRATIONS, FLASH AND COUNTERFLASH ROOF PENETRATIONS. MINIMUM HEIGHT OF FLASHING IS EIGHT (8) INCHES ABOVE ROOF.
- ALL HVAC WORK TO BE PER SMACNA AND ALL APPLICABLE CODES.
- DUCT SHALL BE MOUNTED HIGH AS POSSIBLE AGAINST BOTTOM OF JOISTS. ACCEPT AS REQUIRED TO AVOID CONTACT WITH INTERSECTING DUCTS. DIAGONALLY OFFSET DUCTS IMMEDIATELY BEFORE AND AFTER PASSING UNDER INTERSECTING DUCTS. ALL LATER STRUCTURE SHALL BE TIGHT TO STRUCTURE.
- PROVIDE TURNING VANS AT ALL ELBOWS GREATER THAN 45 DEGREES. TURNING VANS SHALL BE DOUBLE THICKNESS.
- MAXIMUM 4" O.D. FLEX DUCT ON ALL DIFFUSER RUNOUTS. CONNECTIONS TO FLEX DUCT SHALL BE SMOOTH ON AIRFLOW SIDE.
- PROVIDE INDICATED BRANCH TAKEOFF AND DAMPER AT EACH CONNECTION OF ROUND BRANCH DUCTS TO A RECTANGULAR DUCT.
- PROVIDE FLEXIBLE CONNECTIONS AND TRANSITIONS ON DUCT INLET AND OUTLET OF CONNECTIONS TO ALL LIGHT LINTS, EXHAUST FANS, AIR BOXES, ETC. WHERE EQUIPMENT HAS ROTATING PARTS (MOTORS, ETC.).
- SEE ARCH REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED AIR DEVICES.
- WHERE DUCT LINE IS INDICATED, THE DUCT SIZES ON THE DRAWINGS SHALL BE INCREASED IN SIZE TO ALLOW FOR LOSS IN THE LINE. SEE SCHEDULE ON THE DRAWINGS ARE THE REQUIRED CLEAR INSIDE DIMENSIONS OF THE LINE WHERE USED.
- INTERNALLY INSULATE ALL RECTANGULAR SUPPLY AND RETURN AIR DUCTS. ALL EXHAUSTS TO THE EXTERNALLY INSULATED WITH FIBERGLASS DUCT INSULATION WRAP UNLESS OTHERWISE NOTICED.
- THE DUCT SIZES ON THE DRAWINGS SHALL BE INCREASED IN SIZE TO ACCOMMODATE LINE THICKNESS. SIZES SHOWN ON THE DRAWINGS ARE THE REQUIRED CLEAR INSIDE DIMENSIONS OF THE LINE WHERE USED.
- PROVIDE ALUMINUM JACKETS ON ALL EXTERIOR PIPE INSULATION.
- INSTALL SCHEDULED FILTERS AT THE COMPLETION OF CONSTRUCTION. USE ONE SET OF SCHEDULED FILTERS PER ROOM OR SYSTEM AS INDICATED ON THE SCHEDULE. INSTALL FINAL SET PRIOR TO TEST AND BALANCE.
- BALANCE AIR SYSTEM TO PROVIDE INDICATED AIR FLOWS. SEE SPECIFICATIONS FOR OTHER TEST AND BALANCE REQUIREMENTS. SUBMIT FINAL BALANCE OF AIR SYSTEMS FLOW AND TEMPERATURE FOR REVIEW.
- MECHANICAL CONTRACTOR (MC) SHALL COORDINATE AND VERIFY THE FOLLOWING WITH THE ELECTRICAL CONTRACTOR (EC) PRIOR TO BID:
- A) ALL STARTERS: FURNISHED BY MC, INSTALLED BY EC.
B) DUCT SMOKE DETECTORS: FURNISHED BY EC, INSTALLED BY EC.
C) ELECTRIC ACTUATORS: FURNISHED BY MC, INSTALLED BY MC.
D) DISCONNECTS.
E) WHERE NOT FURNISHED WITH EQUIPMENT: FURNISHED BY EC, INSTALLED BY EC.
F) WHERE NOT FURNISHED WITH EQUIPMENT: FURNISHED BY MC, INSTALLED BY EC.
- INSTALL SMOKE DETECTORS IN SUPPLY OR RETURN DAMPERS WHERE INDICATED ON PLANS.
- COORDINATE FINAL PLACEMENT OF ALL THERMOSTATS WITH ARCHITECT AND ENGINEER. THERMOSTATS SHALL BE MOUNTED ON AN EXTERIOR WALL SHALL BE MOUNTED ON AN INSULATED PLATE.
- PROVIDE HVAC CONDENSATE DRAIN. INSTALL WITH TRAP AND AIR VENT PER CODE AND IS INDICATED AND FULL SIZE OF DRAIN PAN CONNECTION.
- PROVIDE AUXILIARY DRAIN PAN FOR COOLING COLLS ABOVE THE CEILING. PROVIDE MOISTURE SENSIN DRAIN PAN STOP VENT AND SIGNAL ARM.
- ## CONTROL NOTES:
- REFER TO GENERAL NOTES ON DRAWING.
1. ALL CONTROL DEVICES SHALL BE BY ONE MANUFACTURER. ALL CONTROL SET POINTS SHALL BE ADJUSTABLE. THERMOSTATS AND WIRING FOR FANS SHALL BE INCLUDED WITH CONTROLS.
2. THE CONTROL SYSTEM SHALL BE SUITABLE FOR THE LOCATIONS SHOWN ON THE PLANS.
3. SEE THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
4. PROVIDE LOCKABLE COVERS AND GUARDS FOR ALL THERMOSTATS AND SENSORS.
5. ALL THERMOSTATS, SENSORS, AND OTHER EXPOSED CONTROL DEVICE LOCATIONS SHALL BE COORDINATED WITH ARCHITECT BEFORE ANY PROTECTIVE ROUGHING IN.
6. ALL CONTROLS SHALL BE TESTED AND CALIBRATED BEFORE TESTING AND BALANCING IS PERFORMED.
7. PROVIDE LAMINATED TAGS AT ALL CONTROL DEVICES INDICATING EQUIPMENT BEING CONTROLLED.
8. INTERLOCK CONTROLS WITH THE ELECTRICAL, FIRE AND SMOKE ALARM SYSTEM. COORDINATE WITH THE ELECTRICAL SYSTEMS CONTRACTOR FOR INTERFACE REQUIREMENTS OF THE SYSTEMS.
9. PROVIDE AUXILIARY CONTROLS AS REQUIRED FOR OPERATIONS OF CONTROL SEQUENCES.
10. ALL WIRING SHALL BE IN CONDUIT. REFER TO SPECIFICATIONS.
11. PROVIDE MONITORING AND CONTROL OF HEAT PATE.

CONTROL NOTES:

REFER TO GENERAL NOTES ON DRAWING

1. ALL CONTROL DEVICES SHALL BE BY ONE MANUFACTURER. ALL CONTROL SET POINTS SHALL BE ADJUSTABLE. THERMOSTATS AND WIRING FOR FANS SHALL BE INCLUDED WITH THE PLANS.
2. THE CONTROL SYSTEM SHALL BE SUITABLE FOR THE LOCATIONS SHOWN ON THE PLANS.
3. SEE THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
4. PROVIDE LOCKABLE COVERS AND GUARDS FOR ALL THERMOSTATS AND SENSORS.
5. ALL THERMOSTATS, SENSORS, AND OTHER EXPOSED CONTROL DEVICE LOCATIONS SHALL BE COORDINATED WITH THE ENGINEER AND ARCHITECT BEFORE ROUGHING IN.
6. ALL CONTROLS SHALL BE TESTED AND CALIBRATED BEFORE TESTING AND BALANCING IS PERFORMED.
7. PROVIDE LAMINATED TAGS AT ALL CONTROL DEVICES INDICATING EQUIPMENT BEING CONTROLLED.
8. INTERLOCK CONTROLS WITH THE ELECTRICAL, FIRE AND SMOKE ALARM SYSTEM COORDINATE WITH THE ELECTRICAL SYSTEMS CONTRACTOR FOR INTERFACE REQUIREMENTS OF THE SYSTEMS.
9. PROVIDE AUXILIARY CONTACTORS AS REQUIRED FOR OPERATIONS OF CONTROL SEQUENCES.
10. ALL WIRING SHALL BE IN CONDUIT. REFER TO SPECIFICATIONS.
11. PROVIDE MONITORING AND CONTROL OF HEAT TAPE

HVAC LEGEND

ABBREVIATION OR SYMBOL	DESCRIPTION	ABBREVIATION OR SYMBOL	DESCRIPTION	ABBREVIATION OR SYMBOL	DESCRIPTION
AD	AIR DOOR		NEW EQUIPMENT		CONDENSATE DRAIN
AH	AIR HANDLING UNIT				HOT WATER RETURN
A.F.F.	ABOVE FINISHED FLOOR				HOT WATER SUPPLY
AV	ATTIC VENT				REFRIGERANT SUCTION / LIQUID
B	BOILER	CS	CEILING SUPPLY		MAKE-UP WATER
BP	BRAKE HORSE POWER	DG	DOOR GRILLE		
BTUH	BRITISH THERMAL UNIT PER HOUR	CE	CEILING EXHAUST		
CFM	CUBIC FEET PER MINUTE	LSD	LINEAR SLOT DIFFUSER		
CH	CHILLER	CR	CEILING RETURN		
CV	CONSTANT VOLUME	TR	TRANSFER GRILLE		
CVB	CONSTANT VOLUME TERMINAL	SWE	SIDE WALL EXHAUST		
DB	DRY BULB TEMPERATURE	SWS	SIDE WALL SUPPLY		
DP	DIFFERENTIAL PRESSURE	SWR	SIDE WALL RETURN		
EA	EXHAUST AIR				
EAT	ENTERING AIR TEMPERATURE OF THE COIL				
EF	EXHAUST FAN				
ERU	ENERGY RECOVERY UNIT				
ESP	EXTERNAL STATIC PRESSURE	CS-1	AIR DEVICE DESIGNATION		
EUH	ELECTRIC UNIT HEATER	150			
EWT	ENTERING WATER TEMPERATURE	MARK			
FAS	FACILITY AUTOMATION SYSTEM	—			
FCU	FAN COIL UNIT				
FO	FLAT OVAL				
FPMB	FAN POWERED MIXING TERMINAL				
FSM	FEET PER MINUTE (VELOCITY)				
GH	GRAVITY HOOD				
GPM	GALLONS PER MINUTE				
GUH	GAS UNIT HEATER				
HP	HORSEPOWER				
KW	KILOWATT				
L	LOUVER				
LAT	LEAVING AIR TEMPERATURE OF THE COIL				
LBS	POUNDS				
LWT	LEAVING WATER TEMPERATURE				
MAU	MAKE-UP AIR UNIT				
MAX.	MAXIMUM				
MBH	1000 BTUH				
MCA	MINIMUM CIRCUIT AMPACITY				
MIN.	MINIMUM				
MHP	MOTOR HORSE POWER				
MOP	MAXIMUM OVER CURRENT PROTECTION				
N/A	NOT APPLICABLE				
NC	NOISE CRITERIA				
N.C.	NORMALLY CLOSED				
NIC	NOT IN CONTRACT				
N.O.	NORMALLY OPEN				
NK	NECK				
NTS	NOT TO SCALE				
OB	OPPOSED BLADE DAMPER				
OF	OWNER FURNISHED/CONTRACTOR INSTALLED				
OSA	OUTSIDE AIR				
P	PUMP				
PBD	PARALLEL BLADE DAMPER				
PDU	POOL DEHUMIDIFIER UNIT				
PRV	PRESSURE REDUCING VALVE				
PSF	POUNDS PER SQUARE FOOT				
PSI	POUNDS PER SQUARE INCH				
PSIG	POUNDS PER SQUARE INCH GAUGE				
RA	RETURN AIR				
RC	REMOTE CONDENSER				
RF	RELIEF FAN				
RH	RELATIVE HUMIDITY				
RHP	RADIANT HEATING PANEL				
RPM	REVOLUTION PER MINUTE				
RTU	ROOF TOP (AIR CONDITIONING) UNIT				
SA	SUPPLY AIR				
SC	SENSIBLE CAPACITY				
SP	STATIC PRESSURE				
SPEC.	SPECIFICATION				
TC	TOTAL CAPACITY				
TSP	TOTAL STATIC PRESSURE				
T*STAT	THERMOSTAT				
TYP.	TYPICAL				
UH	UNIT HEATER				
VAV	VARIABLE AIR VOLUME				
VAVB	VARIABLE AIR VOLUME TERMINAL				
VSD	VARIABLE SPEED (FREQUENCY) DRIVE				
WB	WET BULB TEMPERATURE				
WG	WATER GAUGE				
'	FEET				
"	INCHES				
Ø	ROUND DUCT				

DETAIL/SECTION NUMBER

DETAIL/SECTION DESIGNATION

SHEET NUMBER

* NOT ALL SYMBOLS MAY APPLY TO THIS PROJECT

MECHANICAL DRAWING INDEX

M001	MECHANICAL NOTES, LEGEND, & INDEX
M101	HVAC FLOOR PLAN
M102	MEZZANINE MECHANICAL PLANS
M201	MECHANICAL PIPING FLOOR PLAN
M301	MECHANICAL SECTIONS
M401	MECHANICAL DETAILS
M501	MECHANICAL SCHEDULES

NO.	DATE	DESCRIPTION
-----	------	-------------

24-096

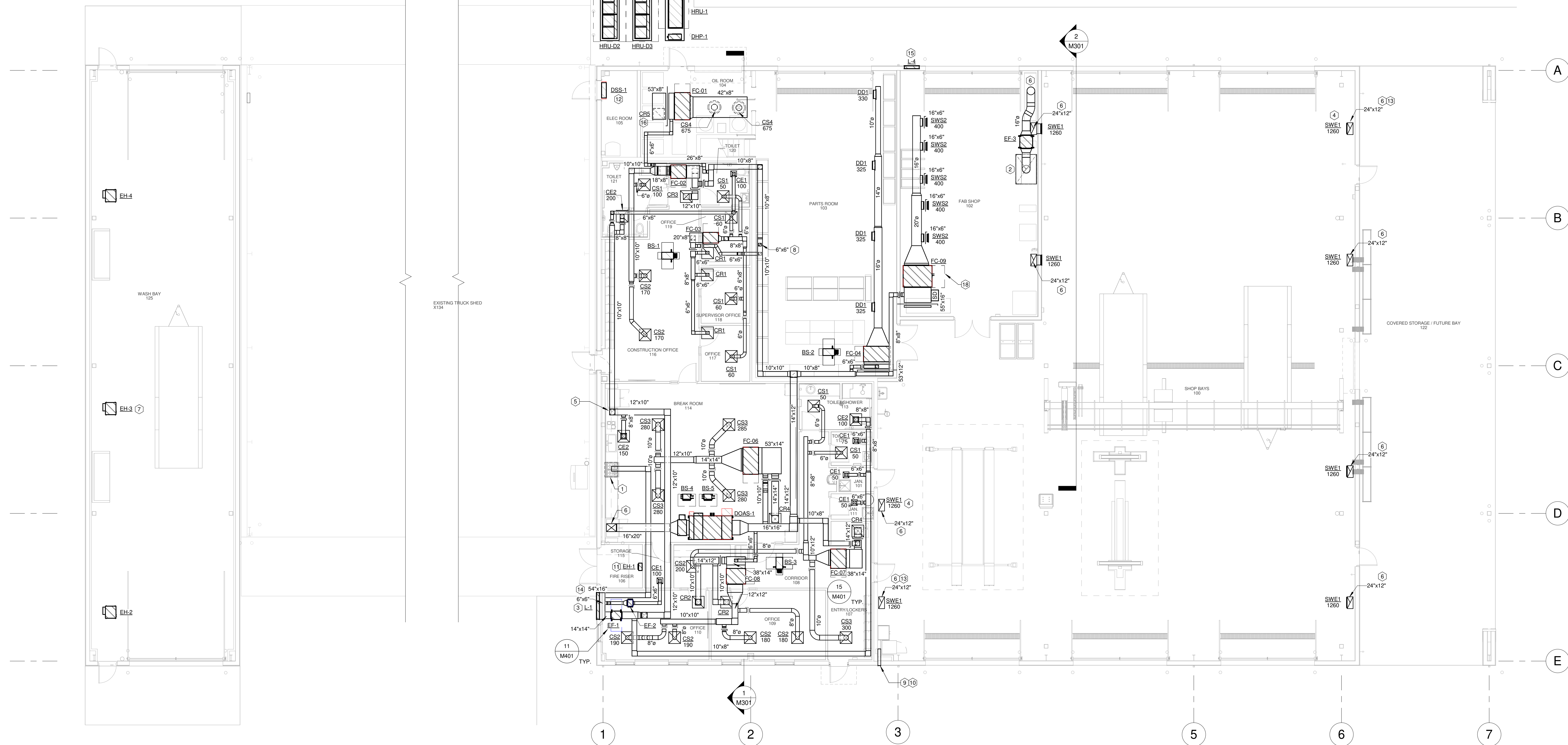
JOB NO.

02.14.2025

DATE

ISSUE SET

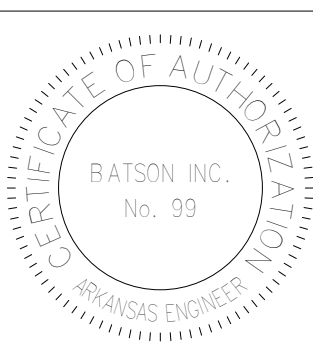
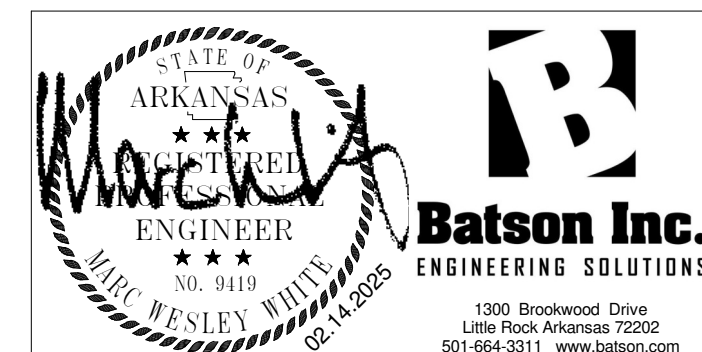
M101

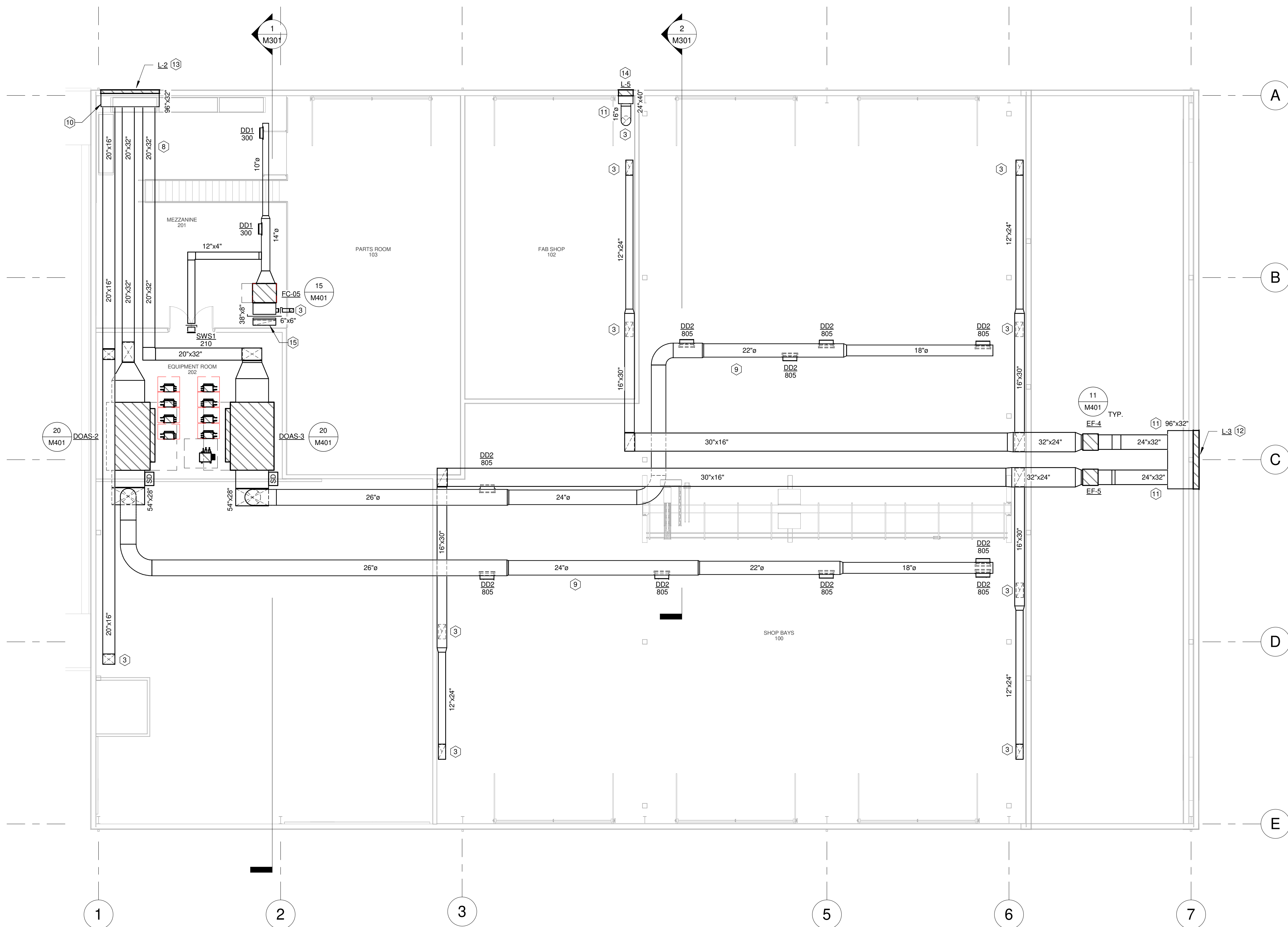
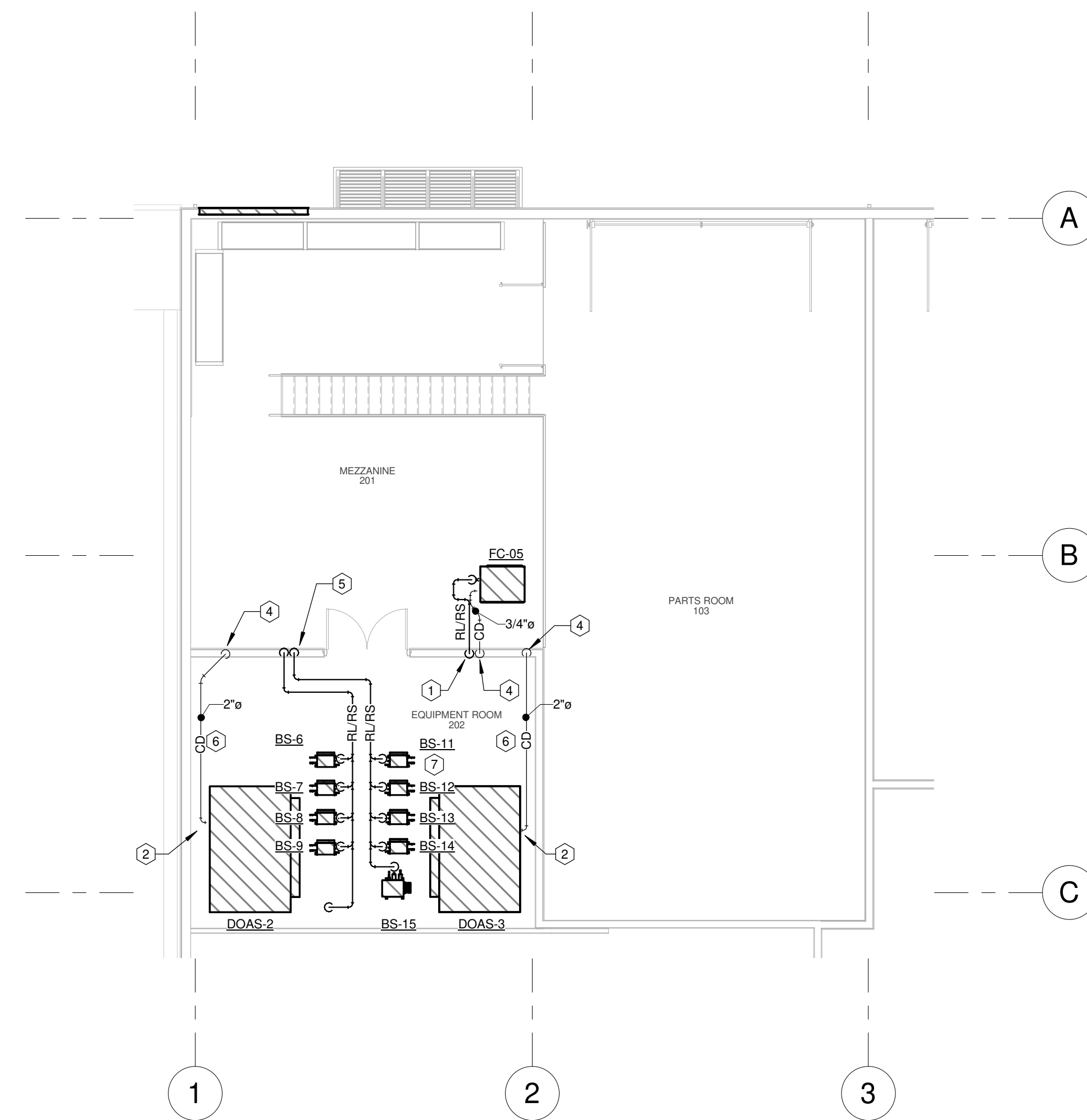


HVAC FLOOR PLAN
1/8" = 1'-0"

KEYED NOTES:

- GUARDIAN G800B KITCHEN HOOD FIRE SUPPRESSION SYSTEM. HOOD BY ARCHITECT.
- 5' X 3.5' STAINLESS STEEL EXHAUST HOOD OVER PLASMA CUTTER. SEE DETAIL 17/M401.
- BOTTOM OF LOUVER MOUNTED 13'-6" A.F.F.
- INSTALL BOTTOM OF GRILLE 12" A.F.F. WITHIN SHOP BAY. (TYPICAL OF 8)
- DUCT DROPS INTO CHASE ABOVE MILLWORK.
- DUCT RISES TO MEZZANINE LEVEL ABOVE. SEE 1/M102 FOR CONTINUATION.
- UNIT HEATER MOUNTED 9'-0" A.F.F. (TYPICAL OF 3)
- DUCT RISES TO FC-05. SEE 1/M102 FOR CONTINUATION.
- ALL ALUMINUM DRYER VENT WALL CAP WITH BACKDRAFT DAMPER.
- 6" ALL ALUMINUM RESIDENTIAL DRYER VENT INSTALLED AS PER SECTION 504 OF THE "ARKANSAS MECHANICAL CODE".
- BOTTOM OF UNIT HEATER MOUNTED 18" A.F.F.
- DSS-1 MOUNTED ABOVE DOOR.
- EXHAUST DUCT TO BE SECURED TO WALL A MINIMUM OF 3 LOCATIONS PER DETAIL 19/M401. (TYPICAL)
- EXHAUST DUCTS TO CONNECT TO LOUVER WITH SHEET METAL PLENUM.
- BOTTOM OF LOUVER MOUNTED 18" A.F.F.
- RETURN DUCT RISES FROM GRILLE TO STUB INTO BOTTOM OF LINED PLENUM.
- OUTDOOR UNIT MOUNTED ON 4" CONCRETE HOUSEKEEPING PAD ABOVE EQUIPMENT YARD CONCRETE PAD. (TYPICAL)
- MANUFACTURER'S REQUIRED CLEARANCE. (TYPICAL)

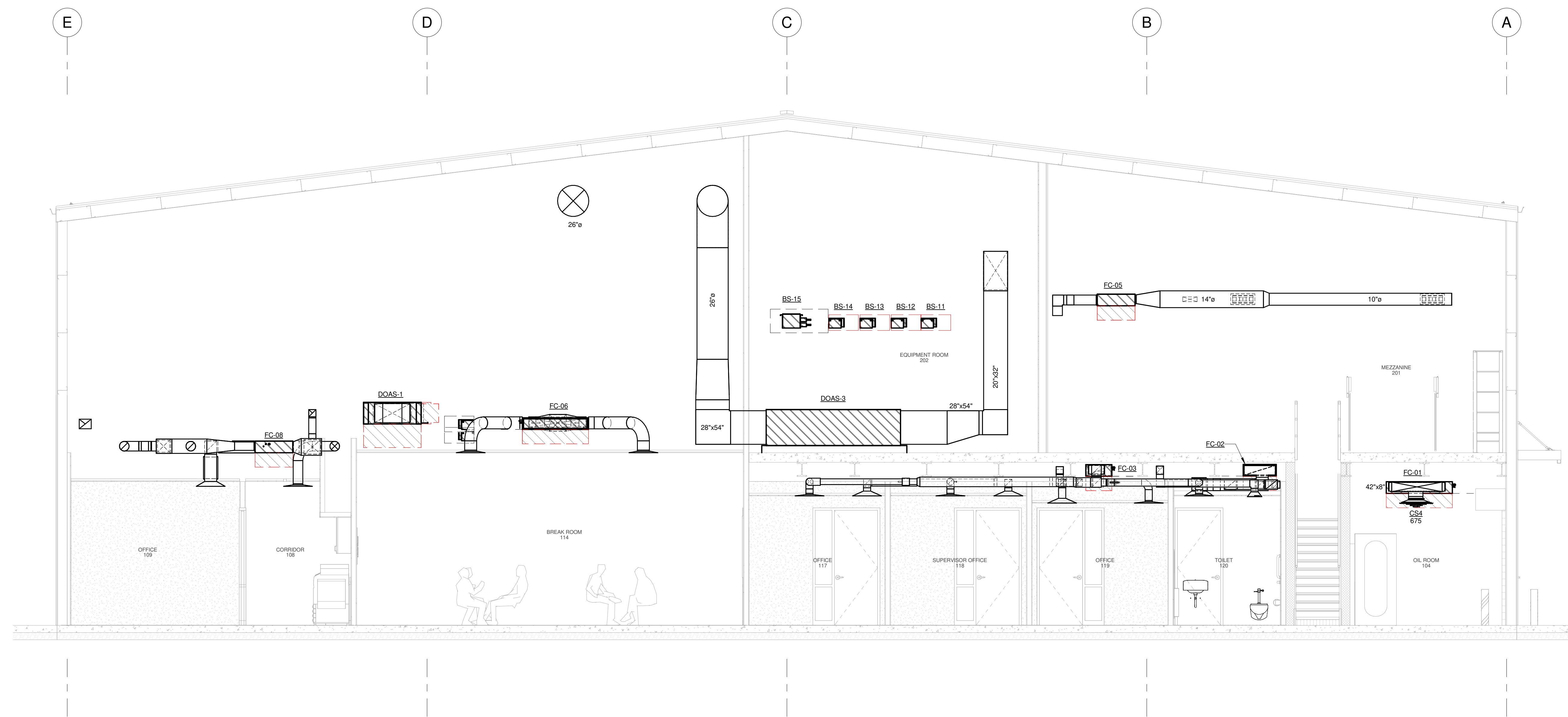


1
M102
1/8" = 1'-0"2
M102
1/8" = 1'-0"

KEYED NOTES:

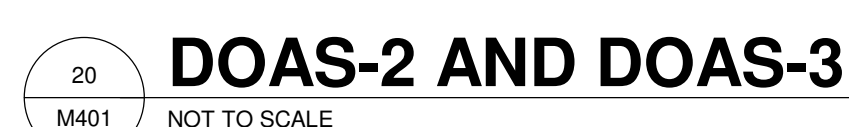
- REFRIGERANT LINE SET RISE UP FROM BRANCH SELECTOR BS-1 BELOW.
- PROVIDE CONDENSATE TRAP PER DETAIL 13/M401.
- DUCT DROPS TO FLOOR BELOW. SEE 1/M101 FOR CONTINUATION.
- CONDENSATE LINE DROPS IN WALL TO PLENUM BELOW. SEE 1/M201 FOR CONTINUATION.
- REFRIGERANT LINE SETS RISE IN WALL FROM PLENUM BELOW. SEE 1/M201 FOR CONTINUATION.
- CONDENSATE DRAIN LINE SUPPORTED OFF EQUIPMENT ROOM FLOOR PER DETAIL 12/M401.
- BRANCH SELECTOR MOUNTED HIGH IN SPACE. SUPPORT FROM ROOF STRUCTURE SIMILAR TO FAN COILS AND EXHAUST FANS. (TYPICAL)
- OUTSIDE AIR INTAKE DUCTS TO BE INSULATED WITH 2" FIBERGLASS WRAP.
- SUPPLY AIR DUCTS FROM DOAS-2 AND 3 TO BE DOUBLE WALL LINED SHEET METAL.
- OUTSIDE AIR INTAKE DUCTS TO CONNECT TO LOUVER L-2 WITH LINED SHEET METAL PLENUM.
- EXHAUST DUCT TO CONNECT TO LOUVER WITH SHEET METAL PLENUM.
- BOTTOM OF LOUVER MOUNTED 29'-4" A.F.F.
- BOTTOM OF LOUVER MOUNTED 23'-6" A.F.F.
- BOTTOM OF LOUVER MOUNTED 23'-2" A.F.F.
- TERMINATE RETURN DUCT WITH DOWN-TURNED ELBOW. COVER OPENING WITH EXPANDED WIRE MESH.



[illegible]

Batson Inc.
ENGINEERING SOLUTIONS

1500 Brookwood Drive
Little Rock Arkansas 72202
501-666-3311 • www.batson.com



VARIABLE REFRIGERANT VOLUME - AIR-COOLED CONDENSING UNIT SCHEDULE

MARK	NOMINAL TONNAGE	DESCRIPTION	COOLING CAPACITY		HEATING CAPACITY		REFRIGERANT CHARGE Factory Charge (lbs)	CONNECTION RATIO (%)	ELECTRICAL																MANUFACTURER	MODEL	WEIGHT (lbs)	EFFICIENCY					REMARKS
			BTU/h	AMBIENT DESIGN DB / WB	BTU/h	AMBIENT DESIGN DB / WB			VOLTAGE-PHASE	MCA				MOP				RLA				EER	IEER	COP47				COP17	SCHE				
										mod #1	mod #2	mod #3	total	mod #1	mod #2	mod #3	total	mod #1	mod #2	mod #3	total												
HRU-1	18	Air cooled heat recovery (1)	210,157	100	173,914	10.0 / 8.0	25.79	141	208V 3ph	67.2	--	--	67.2	70.0	--	--	70.0	40.0	--	--	40.0	DAIKIN	REYQ216AATJA	996.8	11	20.5	3.25	2.05	21.9				
HRU-D1	12	Air cooled heat recovery (1)	140,838	100	137,685	10.0 / 8.0	25.79	100	208V 3ph	58.3	--	--	58.3	70.0	--	--	70.0	42.6	--	--	42.6	DAIKIN	REYQ144XATJB	727	11.6	21.6	3.42	2.12	22				
HRU-D2	32	Air cooled heat recovery (3)	372,618	100	287,936	10.0 / 8.0	77.4	100	208V 3ph	58.3	43.0	43.0	144.3	70.0	50.0	50.0	170.0	42.6	28.2	28.2	99.0	DAIKIN	REYQ384XATJB	727.0 / 727.0/727.0	9.9	17.6	3.2	20.6	17				
HRU-D3	32	Air cooled heat recovery (3)	372,618	100	287,936	10.0 / 8.0	77.4	100	208V 3ph	58.3	43.0	43.0	144.3	70.0	50.0	50.0	170.0	42.6	28.2	28.2	99.0	DAIKIN	REYQ384XATJB	727.0 / 727.0/727.0	9.9	17.6	3.2	20.6	17				

DEDICATED OUTDOOR AIR UNIT SCHEDULE

MARK	LOCATION	SERVES	FAN DATA			COOLING DX			HEATING DX		HGRH COIL		ELECTRIC PREHEAT		UNIT ELECTRICAL DATA				MANUFACTURER	MODEL	REMARKS	
			CFM	ESP	POWER (KW)	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	EDB/EWB	LDB/LWB	CAPACITY (MBH)	EDB/LDB	CAPACITY (BTUH)	EDB/LDB	KW	SEAPARATE ELECTRICAL CONNECTION	VOLTS/PHASE	MCA	MOP				FLA
DOAS-1	BREAKROOM 114	OFFICE AREA / FAB SHOP/ PARTS ROOM	1590	0.75	0.78	127.3	72.5	96/77	54.7/53.7	108.2	17/80	43.4	55/80	6	YES	208/1	8.8	15.0	8.6	OXYGEN 8	T18N	PROVIDE DAIKIN VALVE INTEGRATION KIT
DOAS-2	EQUIPMENT ROOM 202	SHOP BAYS 100	4000	0.75	1.6	372.5	210.8	99/78	51.5/51.0	238.8	17/72	79.5	52/70	15	NO	208/3	52.1	60.0	41.7	OXYGEN 8	T48N	PROVIDE DAIKIN VALVE INTEGRATION KIT
DOAS-3	EQUIPMENT ROOM 202	SHOP BAYS 100	4000	0.75	1.6	372.5	210.8	99/78	51.5/51.0	238.8	17/72	79.5	52/70	15	NO	208/3	52.1	60.0	41.7	OXYGEN 8	T48N	PROVIDE DAIKIN VALVE INTEGRATION KIT

VARIABLE REFRIGERANT VOLUME - INDOOR UNIT SCHEDULE

MARK	NOMINAL TONNAGE	TYPE	CONNECTED TO:		DESIGN AIRFLOW (CFM)	OSA AIRFLOW (CFM)	COOLING CAPACITY				HEATING CAPACITY		ELECTRICAL			MANUFACTURER	MODEL	DIMENSIONS		WEIGHT	REMARKS
			CONDENSING UNIT	ZONE CHANGE/COVER DEVICE			TOTAL BTU/h	EAT		TOTAL BTU/h	EAT °Fdb	VOLTS - PHASE	MCA	MOP	WxHxD			inch			
								°F DB	°F WB												
FC-01	4.5	MSP Concealed Ducted Unit	HRU-1	Yes	1,377	20	43,675	32,943	72.5	61	98,992	68	208-230V 1ph	3.3	15	DAIKIN	FXSQ54TAVJU	61.0 x 9.6 x 31.5	104		
FC-02	1.3	MSP Concealed Ducted Unit	HRU-1	Yes	441	320	12,079	8,902	70.5	61	16,411	68	208-230V 1ph	1.4	15	DAIKIN	FXSQ15TAVJU	27.6 x 9.6 x 31.5	60		
FC-03	0.6	MSP Concealed Ducted Unit	HRU-1	Yes	230	50	6,210	4,684	71.4	61	8,308	68	208-230V 1ph	0.8	15	DAIKIN	FXSQ07TAVJU	21.7 x 9.6 x 31.5	55		
FC-04	4	MSP Concealed Ducted Unit	HRU-1	Yes	1307	75	38,834	28,200	71.6	61	53,295	68	208-230V 1ph	2.8	15	DAIKIN	FXSQ48TAVJU	55.1 x 9.6 x 31.5	104		
FC-05	2.5	MSP Concealed Ducted Unit	HRU-1	Yes	812	80	24,226	18,186	71.1	61	33,505	68	208-230V 1ph	1.8	15	DAIKIN	FXSQ30TAVJU	39.4 x 9.6 x 31.5	82		
FC-06	3	MSP Concealed Ducted Unit	HRU-1	Yes	1130	420	29,140	18,221	68.2	61	37,859	68	208-230V 1ph	2.5	15	DAIKIN	FXSQ36TAVJU	55.1 x 9.6 x 31.5	101		
FC-07	1.5	MSP Concealed Ducted Unit	HRU-1	Yes	600	320	14,500	11,788	72.7	61	19,960	68	208-230V 1ph	1.6	15	DAIKIN	FXSQ18TAVJU	39.4 x 9.6 x 31.5	77		
FC-08	2	MSP Concealed Ducted Unit	HRU-1	Yes	742	90	19,279	13,885	73.1	61	26,494	68	208-230V 1ph	1.8	15	DAIKIN	FXSQ24TAVJU	39.4 x 9.6 x 31.5	82		
FC-09	6	Concealed Ducted (Medium Static)	HRU-1	Yes	2047	215	56,900	45,116	71.6	61	84,000	68	208-230V 1ph	9	15	DAIKIN	FXMQ22MVJU	54.3 x 18.1 x 43.3	302		

VARIABLE REFRIGERANT VOLUME - BRANCH SELECTOR SCHEDULE

MARK	CONDENSING UNIT SERVED	VOLTAGE-PHASE	(MCA)	(MOP)	MAX CAPACITY (PER PORT)	DIMENSIONS (WxHxD IN)	MANUFACTURER	MODEL	WEIGHT (lbs)	REMARKS
BS-1	HRU-1	208-230V 1ph	0.4	15	54	14.6 x 11.7 x 18.9	DAIKIN	BSAQ54TAVJ	48.5	
BS-2	HRU-1	208-230V 1ph	0.4	15	54	14.6 x 11.7 x 18.9	DAIKIN	BSAQ54TAVJ	48.5	
BS-3	HRU-1	208-230V 1ph	0.4	15	54	14.6 x 11.7 x 18.9	DAIKIN	BSAQ54TAVJ	48.5	
BS-4	HRU-D1	208-230V 1ph	0.4	15	54	14.6 x 11.7 x 18.9	DAIKIN	BSAQ54TAVJ	48.5	
BS-5	HRU-D1	208-230V 1ph	0.4	15	54	14.6 x 11.7 x 18.9	DAIKIN	BSAQ54TAVJ	48.5	
BS-6	HRU-D2	208-230V 1ph	0.1	15	96	15.3 x 8.1 x 12.8	DAIKIN	BSQ96TAVJ	33.1	
BS-7	HRU-D2	208-230V 1ph	0.1	15	96	15.3 x 8.1 x 12.8	DAIKIN	BSQ96TAVJ	33.1	
BS-8	HRU-D2	208-230V 1ph	0.1	15	96	15.3 x 8.1 x 12.8	DAIKIN	BSQ96TAVJ	33.1	
BS-9	HRU-D2	208-230V 1ph	0.1	15	96	15.3 x 8.1 x 12.8	DAIKIN	BSQ96TAVJ	33.1	
BS-10	HRU-D2	208-230V 1ph	0.4	15	54	14.6 x 11.7 x 18.9	DAIKIN	BSAQ54TAVJ	48.5	
BS-11	HRU-D3	208-230V 1ph	0.1	15	96	15.3 x 8.1 x 12.8	DAIKIN	BSQ96TAVJ	33.1	
BS-12	HRU-D3	208-230V 1ph	0.1	15	96	15.3 x 8.1 x 12.8	DAIKIN	BSQ96TAVJ	33.1	
BS-13	HRU-D3	208-230V 1ph	0.1	15	96	15.3 x 8.1 x 12.8	DAIKIN	BSQ96TAVJ	33.1	
BS-14	HRU-D3	208-230V 1ph	0.1	15	96	15.3 x 8.1 x 12.8	DAIKIN	BSQ96TAVJ	33.1	
BS-15	HRU-D3	208-230V 1ph	0.4	15	54	14.6 x 11.7 x 18.9	DAIKIN	BSAQ54TAVJ	48.5	

DUCTLESS SPLIT SYSTEM SCHEDULE

MARK	LOCATION	SERVES	SENSIBLE CAPACITY	COOLING CFM HIGH/MED/LOW	HEAT CAPACITY	ELECTRICAL DATA			SEER	EER	MANUFACTURER	MODEL	REMARKS
						MCA	MOP	VOLTS/PHASE					
DSS-1/DHP-1	ELEC ROOM 105/MECH YARD	ELEC ROOM 105	8,800 BTUH	431/322/249	9,400 BTUH	12.35	15	208/1	18.0	11.0	DAIKIN	FTX09BXVJU-RXB09BXVJU	PROVIDE WITH LOW AMBIENT KIT, THERMOSTAT AND CONDENSATE PUMP.

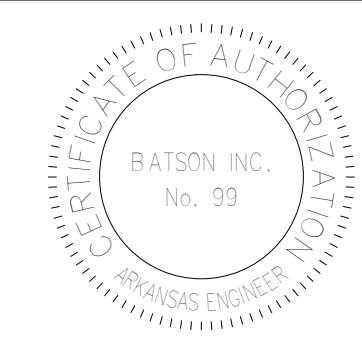
AIR DEVICE SCHEDULE

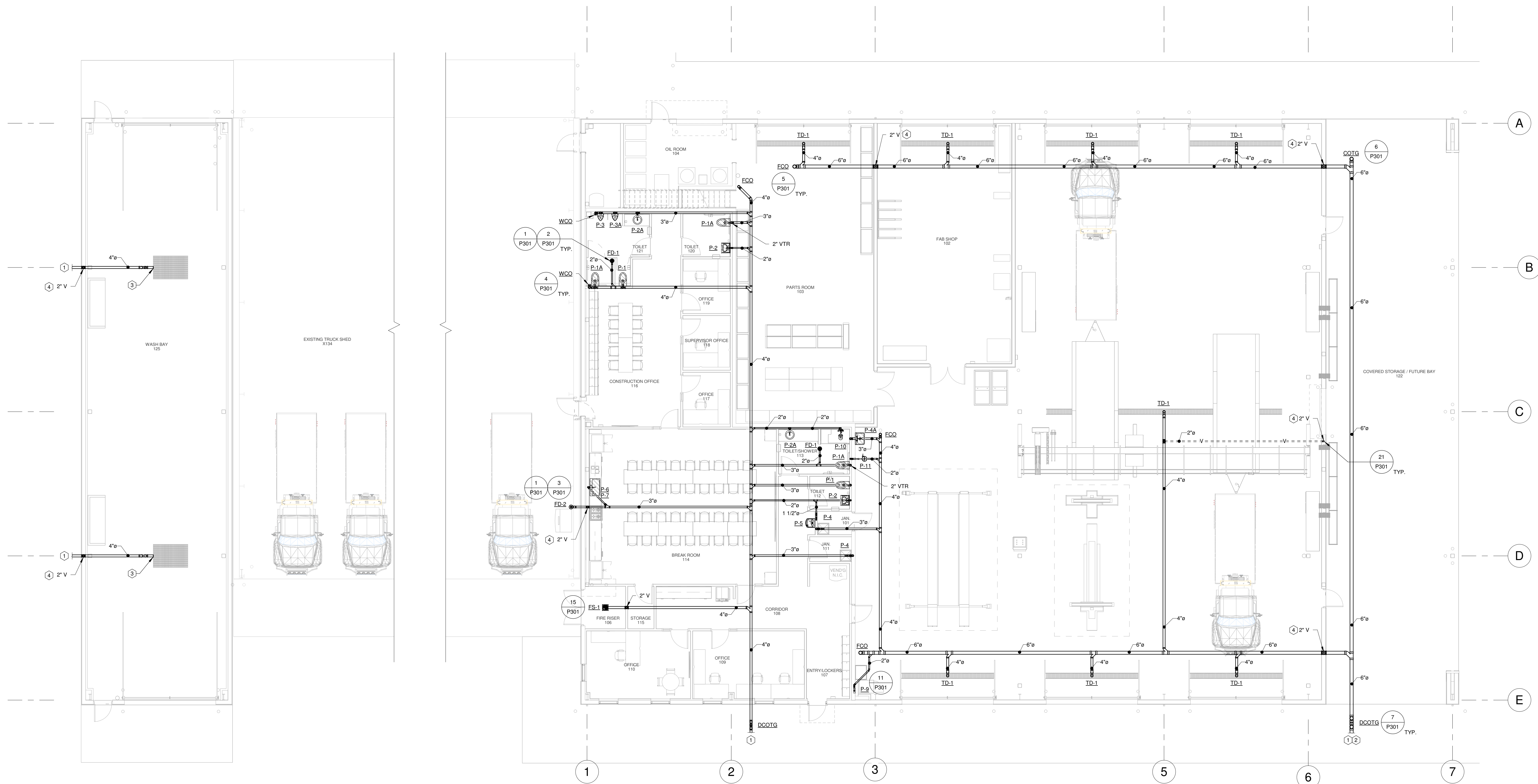
MARK	SYSTEM	STYLE	NECK SIZE	FACE SIZE	MAX CFM	APD (IN-WG)	MAX N.C.	MATERIAL	FINISH	MANUFACTURER	MODEL	REMARKS
CS1	SUPPLY AIR	SQUARE LOUVERED DIFFUSER	6"Ø	24"x24"	100	0.1	30	STEEL	WHITE	PRICE	SMD SERIES	Column13
CS2	SUPPLY AIR	SQUARE LOUVERED DIFFUSER	8"Ø	24"x24"	210	0.1	30	STEEL	WHITE	PRICE	SMD SERIES	
CS3	SUPPLY AIR	SQUARE LOUVERED DIFFUSER	10"Ø	24"x24"	400	0.1	30	STEEL	WHITE	PRICE	SMD SERIES	
CS4	SUPPLY AIR	ROUND CONE DIFFUSER	12"Ø	27"Ø	700	0.1	30	STEEL	WHITE	PRICE	RCD SERIES	
SW51	SUPPLY AIR	LOUVERED SUPPLY	4"x12"	6"x14"	300	0.1	30	STEEL	WHITE	PRICE	S20L	DOUBLE DEFLECTION
SW52	SUPPLY AIR	LOUVERED SUPPLY	6"x16"	8"x18"	400	0.1	30	STEEL	WHITE	PRICE	S20L	DOUBLE DEFLECTION
DD1	SUPPLY AIR	HIGH CAPACITY DRUM DIFFUSER	6"x18"	8"x20"	325	0.1	30	STEEL	WHITE	PRICE	HCD SERIES	PROVIDE WITH INTEGRAL DAMPER
DD2	SUPPLY AIR	HIGH CAPACITY DRUM DIFFUSER	10"x24"	12"x26"	805	0.1	30	STEEL	WHITE	PRICE	HCD SERIES	PROVIDE WITH INTEGRAL DAMPER
CR1	RETURN AIR	EGG CRATE FACE RETURN	6"x6"	24"x24"	100	0.1	30	ALUMINUM	WHITE	PRICE	80 SERIES	
CR2	RETURN AIR	EGG CRATE FACE RETURN	10"x10"	24"x24"	480	0.1	30	ALUMINUM	WHITE	PRICE	80 SERIES	
CR3	RETURN AIR	EGG CRATE FACE RETURN	12"x12"	24"x24"	610	0.1	30	ALUMINUM	WHITE	PRICE	80 SERIES	
CR4	RETURN AIR	EGG CRATE FACE RETURN	14"x14"	24"x24"	900	0.1	30	ALUMINUM	WHITE	PRICE	80 SERIES	
CR5	RETURN AIR	EGG CRATE FACE RETURN	22"x22"	24"x24"	2200	0.1	30	ALUMINUM	WHITE	PRICE	80 SERIES	
CE1	EXHAUST AIR	EGG CRATE FACE RETURN	6"x6"	12"x12"	100	0.1	30	ALUMINUM	WHITE	PRICE	80 SERIES	
CE2	EXHAUST AIR	EGG CRATE FACE RETURN	8"x8"	24"x24"	260	0.1	30	ALUMINUM	WHITE	PRICE	80 SERIES	
SW1E1	EXHAUST AIR	HEAVY DUTY GYM GRILLE	20"x36"	22"x36"	1260	0.1	30	STEEL	WHITE	PRICE	915 SERIES	
NOTES: 1 ALL CEILING DIFFUSERS SHALL BE 4-WAY THROW, UNLESS OTHERWISE INDICATED. 2 IF AIR DEVICE NECK SIZE DIFFERS FROM BRANCH DUCT SIZE, PROVIDE TRANSITION AS NEEDED. 3 PROVIDE FRAME STYLE / INSTALLATION TYPE AS REQUIRED FOR CEILING TYPE. 4 PROVIDE RAPID MOUNT FRAMS FOR AIR DEVICES MOUNTED IN CEILINGS OTHER THAN LAY-IN CEILINGS.												

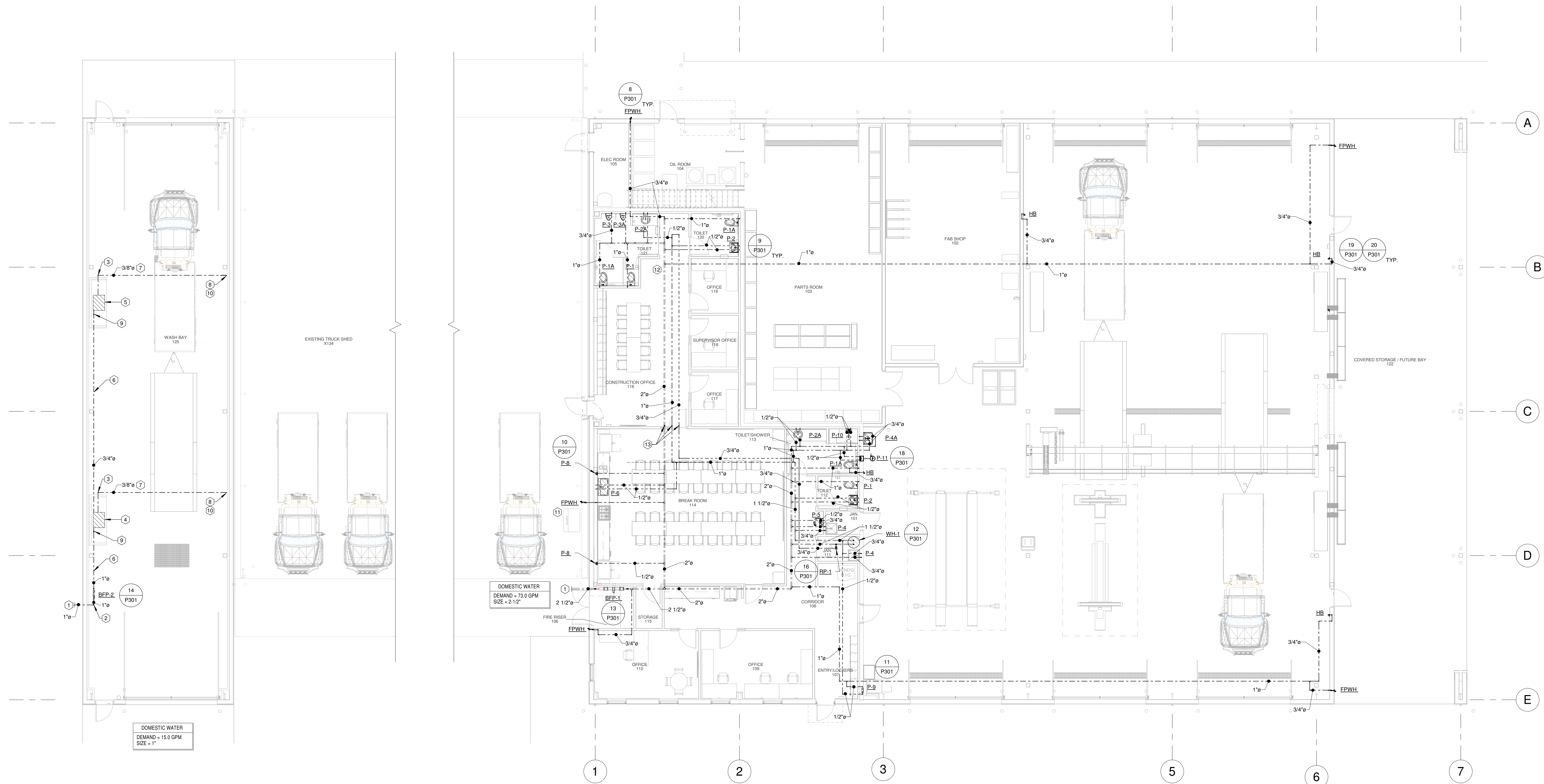
EXHAUST FAN SCHEDULE

MARK	SERVES	TYPE	FAN DATA			MOTOR DATE			SONNES	TOTAL UNIT WEIGHT (LBS)	MANUFACTURER	MODEL	REMARKS
			CFM	ESP	RPM	HP	VOLTS	Ø					
EF-1	OFFICE AREA RESTROOM AND JANITOR	CENTRIFUGAL INLINE	725	0.5	1725	0.25	115	1	12.7	61	GREENHECK	SG-99-VG	1.2,3
EF-2	STORAGE 115	INLINE CABINET	100	0.25	971	52 W	115	1	0.3	18	GREENHECK	CSP-A125	1.2,4
EF-3	FAB SHOP 102 WELDING HOOD	CENTRIFUGAL INLINE	3000	0.25	1160	1	115	1	8.4	120	GREENHECK	SG-160-VG	1.2,5
EF-4	SHOP BAYS 100	CENTRIFUGAL INLINE	5025	0.5	1666	2	208	1	8.8	151	GREENHECK	SG-16-VG	1.2,6
EF-5	SHOP BAYS 100	CENTRIFUGAL INLINE	5025	0.5	1666	2	208	1	8.8	151	GREENHECK	SG-16-VG	1.2,6
NOTES:													
1 PROVIDE WITH DISCONNECT			4 PROVIDE WITH LINE-VOLTAGE THERMOSTAT										
2 PROVIDE WITH HANGING SPRING ISOLATOR			5 PROVIDE WITH LINE-VOLTAGE 1-HOUR TIMER SWITCH (ADJ.)										
3 PROVIDE WITH 24V PROGRAMMABLE TIMER			6 FAN TO INTERLOCK WITH DOAS-2 AND 3 CONTROLS SYSTEM										

* NOT ALL SYMBOLS MAY APPLY TO THIS PROJECT



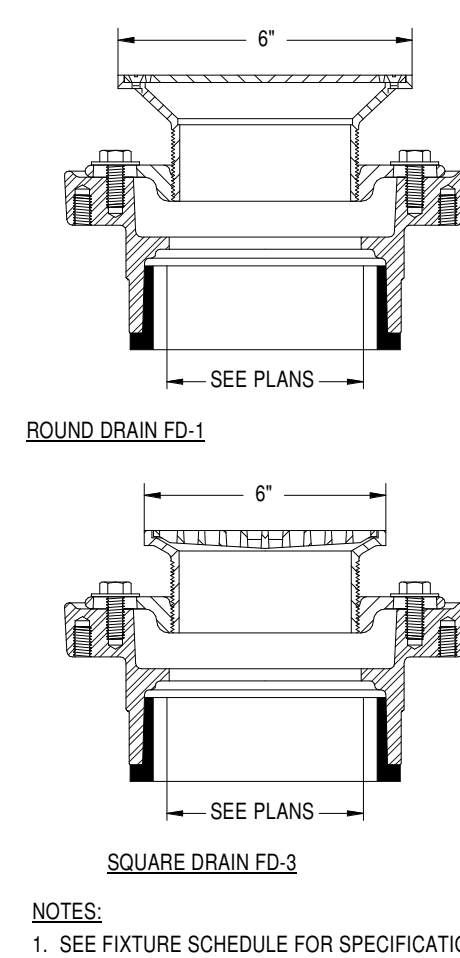




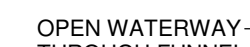
1 P201 1/8" = 1'-0"

KEYED NOTES:

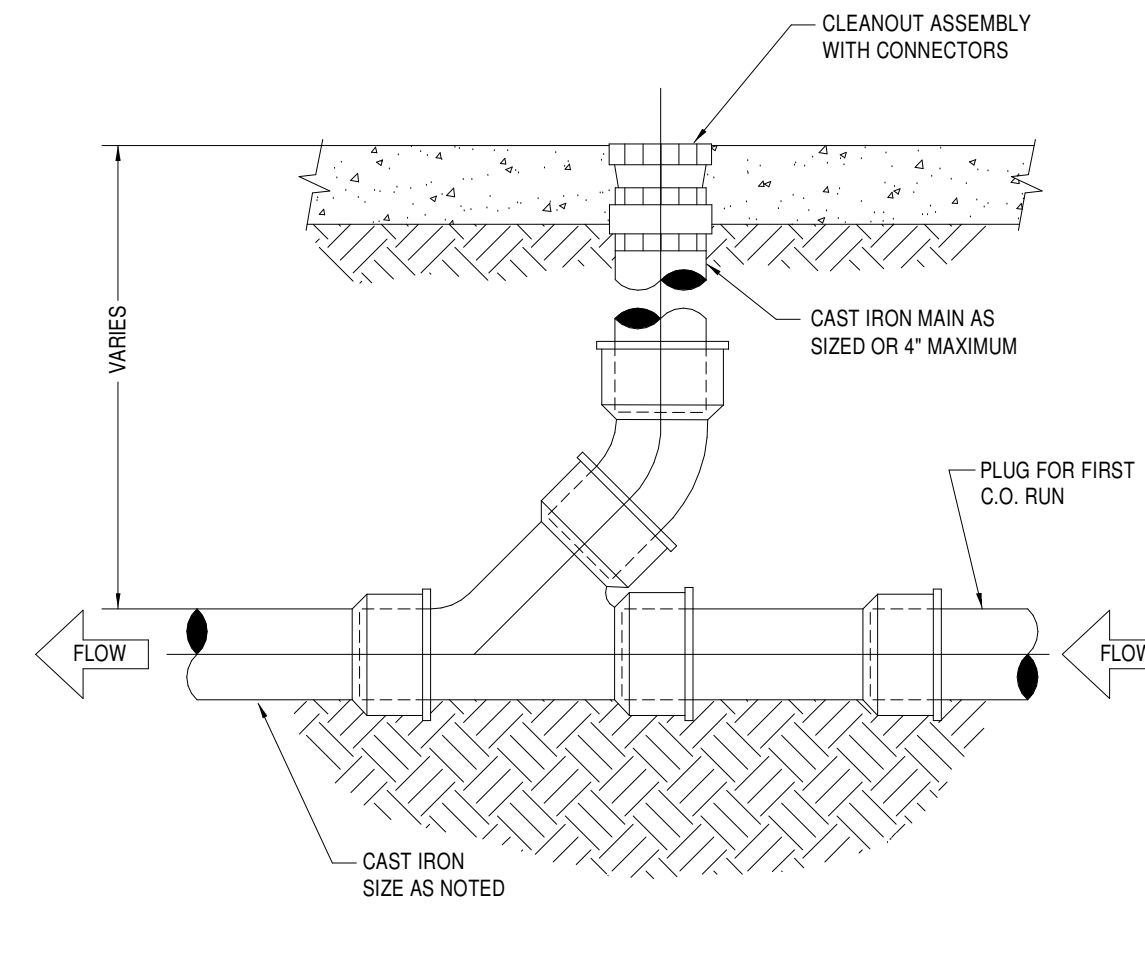
- SEE CIVIL FOR CONTINUATION.
- WATER LINE RISES UP FROM BELOW SLAB. SLEEVE AND SEAL SLAB PENETRATION.
- DISCHARGE PRESSURIZED WATER LINE FROM WASHER DROPS BELOW GRADE TO ROUTE BELOW SLAB TO SOUTH SIDE OF WASH BAY.
- PSC MODEL E542K424A PRESSURE WASHER.
- OWNER FURNISHED, CONTRACTOR INSTALLED PRESSURE WASHER.
- DOMESTIC WATER LINE ROUTED TIGHT TO WALL 8 FEET A.F.F. SECURE TO WALL USING UNI-STRUT SUPPORTS EVERY 4 FEET.
- PRESSURIZED WATER LINE TO BE 3/8", SCHEDULE 80 STAINLESS STEEL PIPING.
- PRESSURIZED WATER LINE TO RISE FROM BELOW SLAB TO 3 FEET A.F.F. SUPPORT PIPING PER DETAIL 17/P301. SLEEVE AND SEAL SLAB PENETRATION.
- 3/4" DOMESTIC WATER LINE TO DROP TO PRESSURE WASHER. CONNECT TO WASHER PER MANUFACTURER'S REQUIREMENTS.
- TERMINATE PRESSURIZED WATER LINE PER MANUFACTURER'S REQUIREMENTS FOR CONNECTION TO HIGH-PRESSURE WASH HOSE.
- HEAT TRACE DOMESTIC WATER CONNECTION FROM ICE MAKER TO HOSE BIBB FOR FREEZE PROTECTION. COORDINATE WITH ELECTRICAL PRIOR TO INSTALLATION.
- CLOSELY COORDINATE DOMESTIC WATER ROUTING BELOW MEZZANINE WITH OTHER TRADE TO AVOID CONFLICTS PRIOR TO INSTALLATION.
- DOMESTIC WATER LINES DROP TO BELOW MEZZANINE LEVEL FOR CONTINUATION TO FIXTURES.



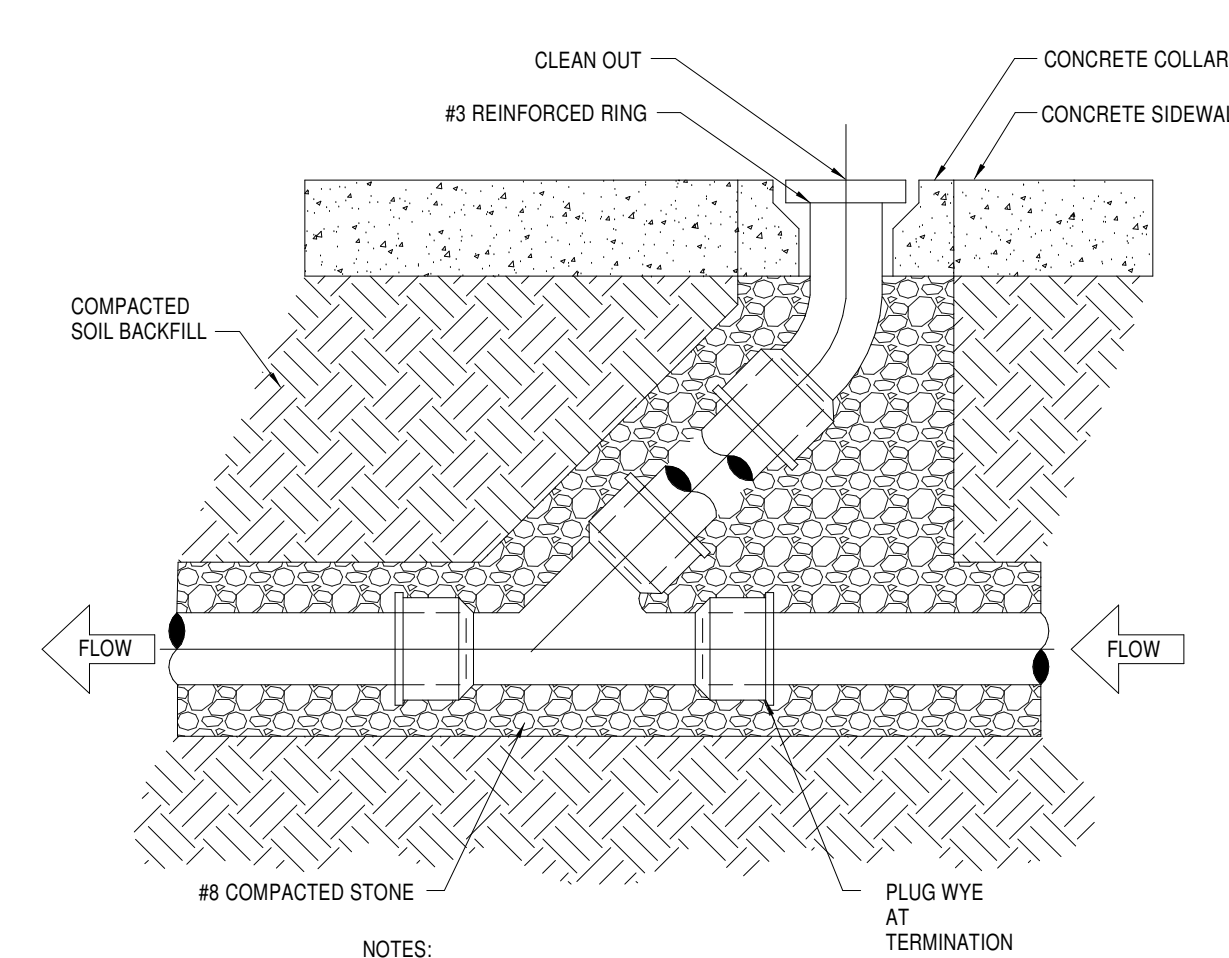
FLOOR DRAIN



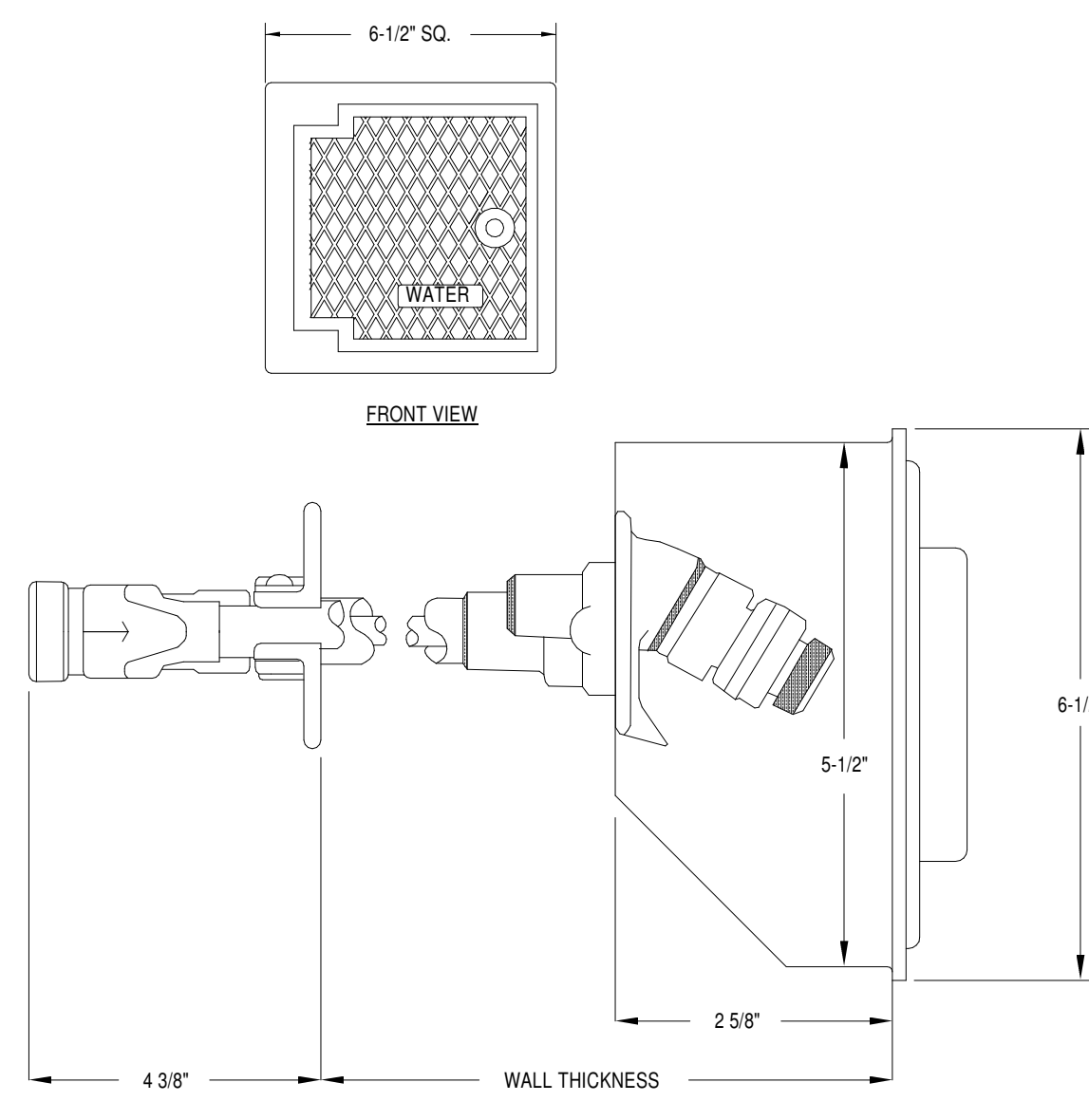
FLOOR DRAIN W/FUNNEL



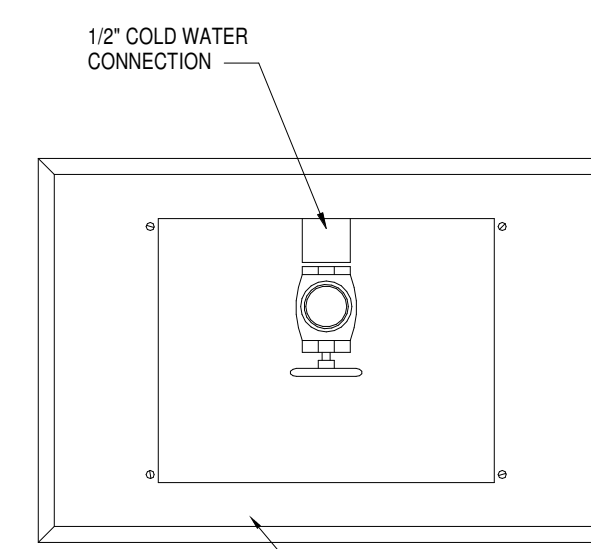
5 **FLOOR CLEANOUT**
P301 NOT TO SCALE



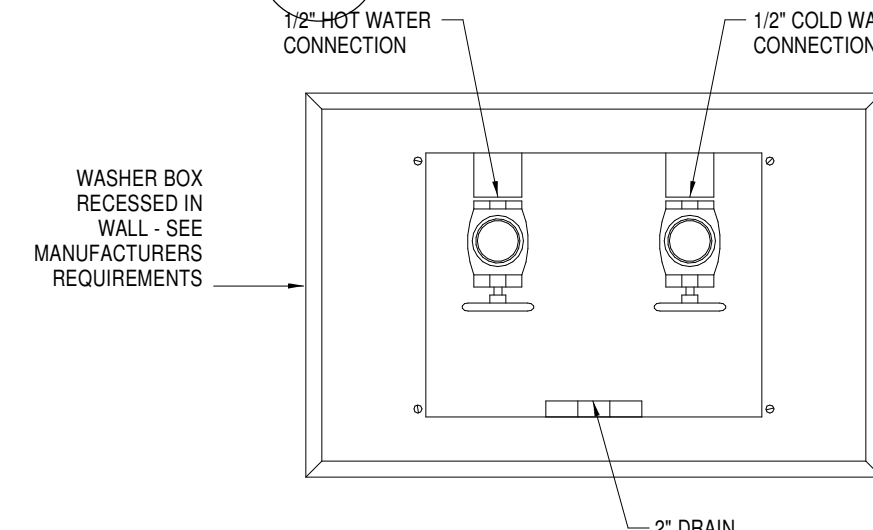
CLEANOUT TO GRADE



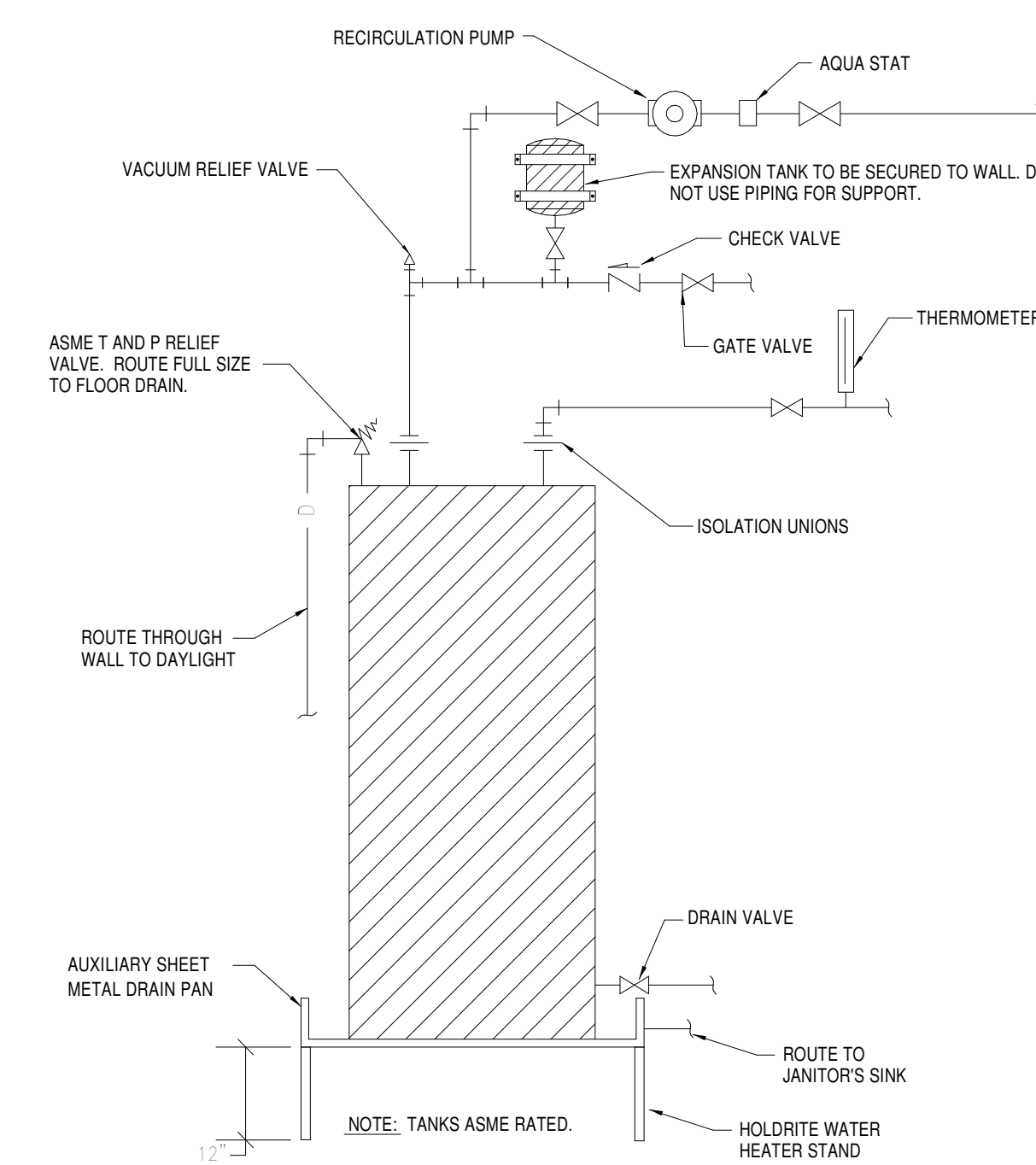
FREEZE PROOF WALL HYDRANT



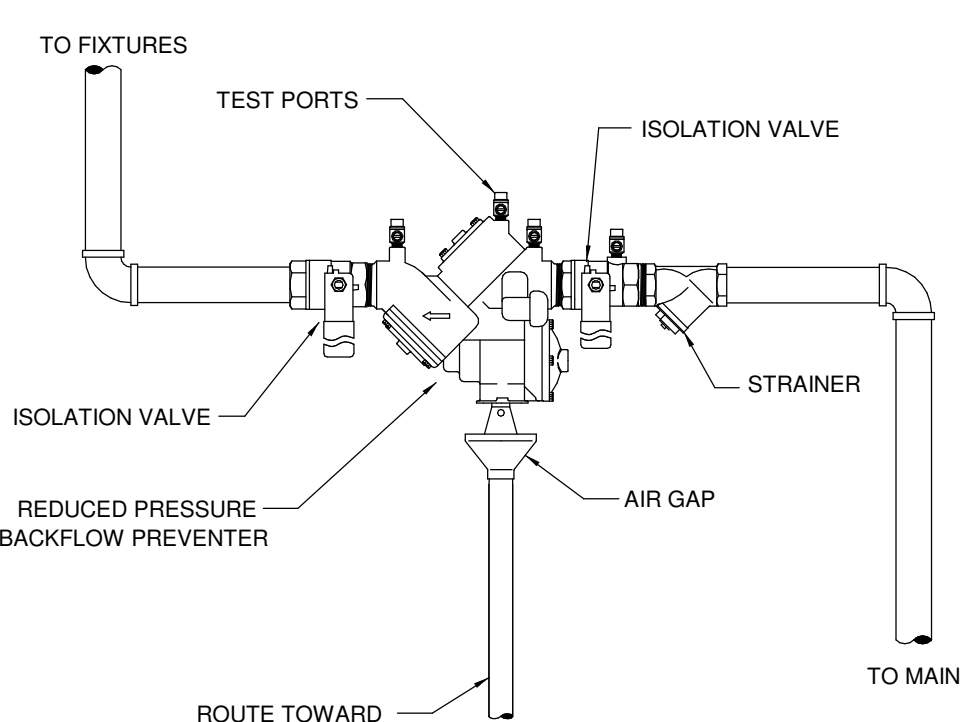
P301 NOT TO SCALE



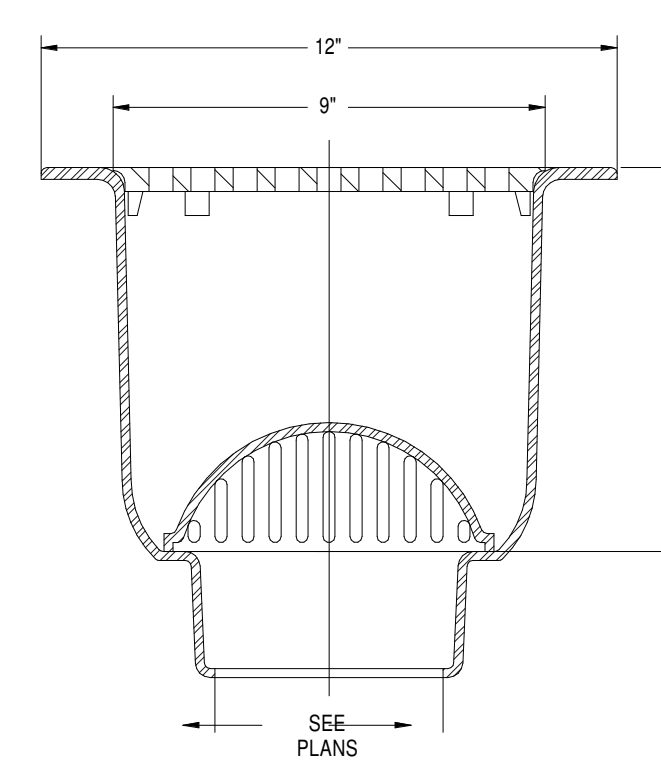
WASHER BOX



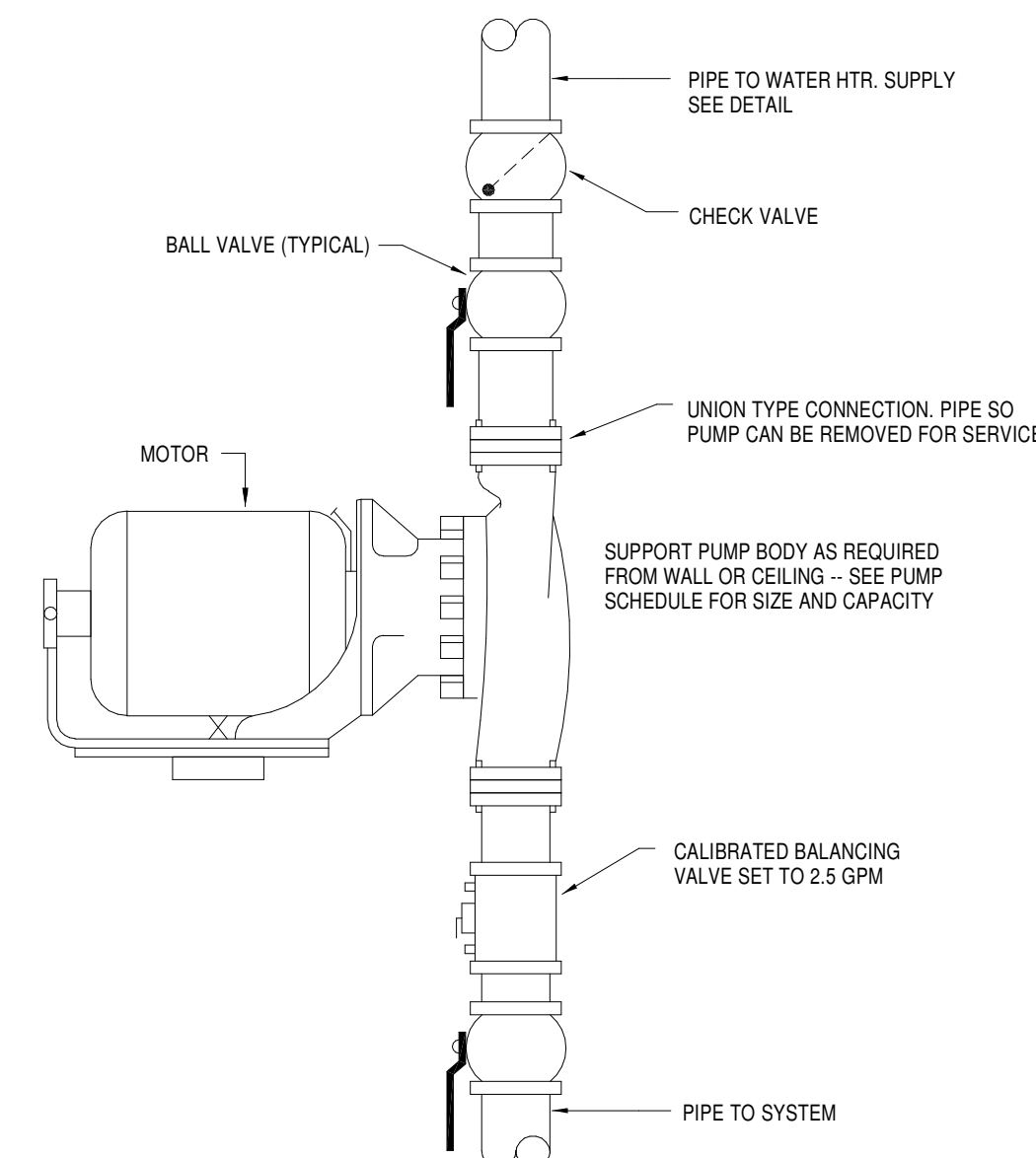
12 **FLOOR-MOUNTED WATER HEATER**
P301 NOT TO SCALE



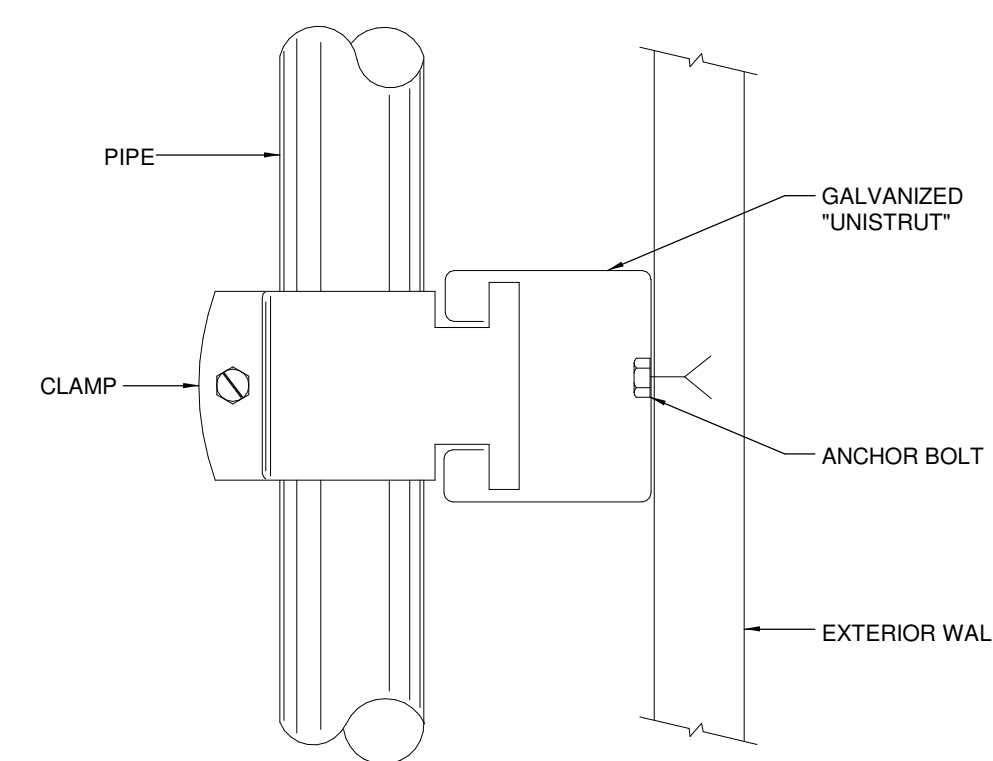
BACKFLOW PREVENTER (SMALL)



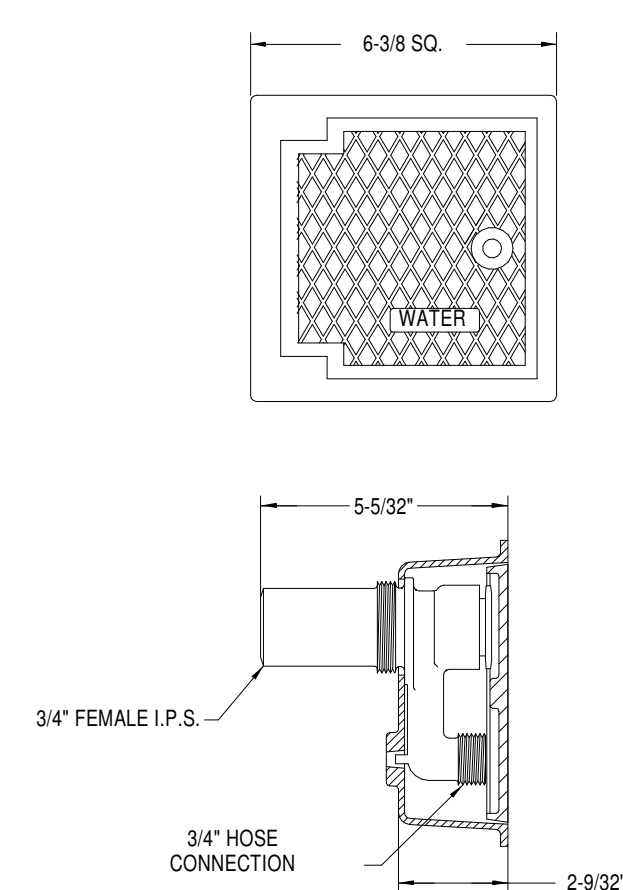
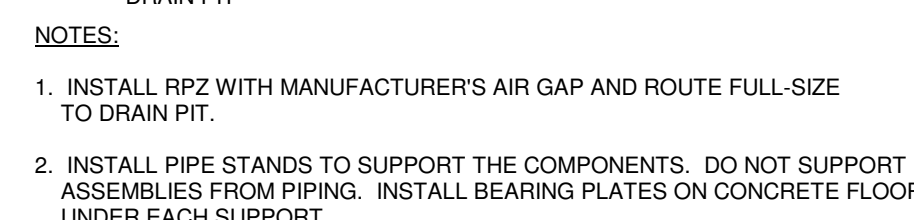
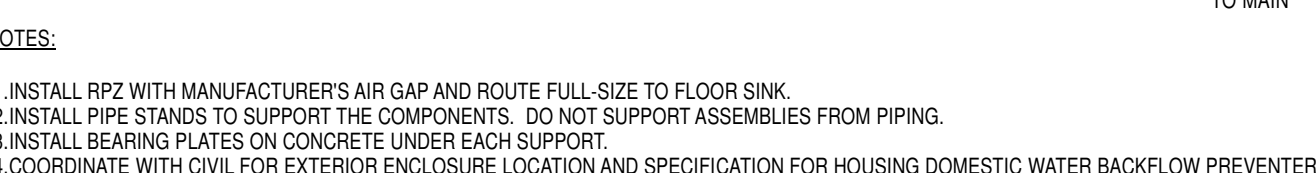
FLOOR SINK



16 **INLINE RECIRCULATION PUMP**
P301 NOT TO SCALE



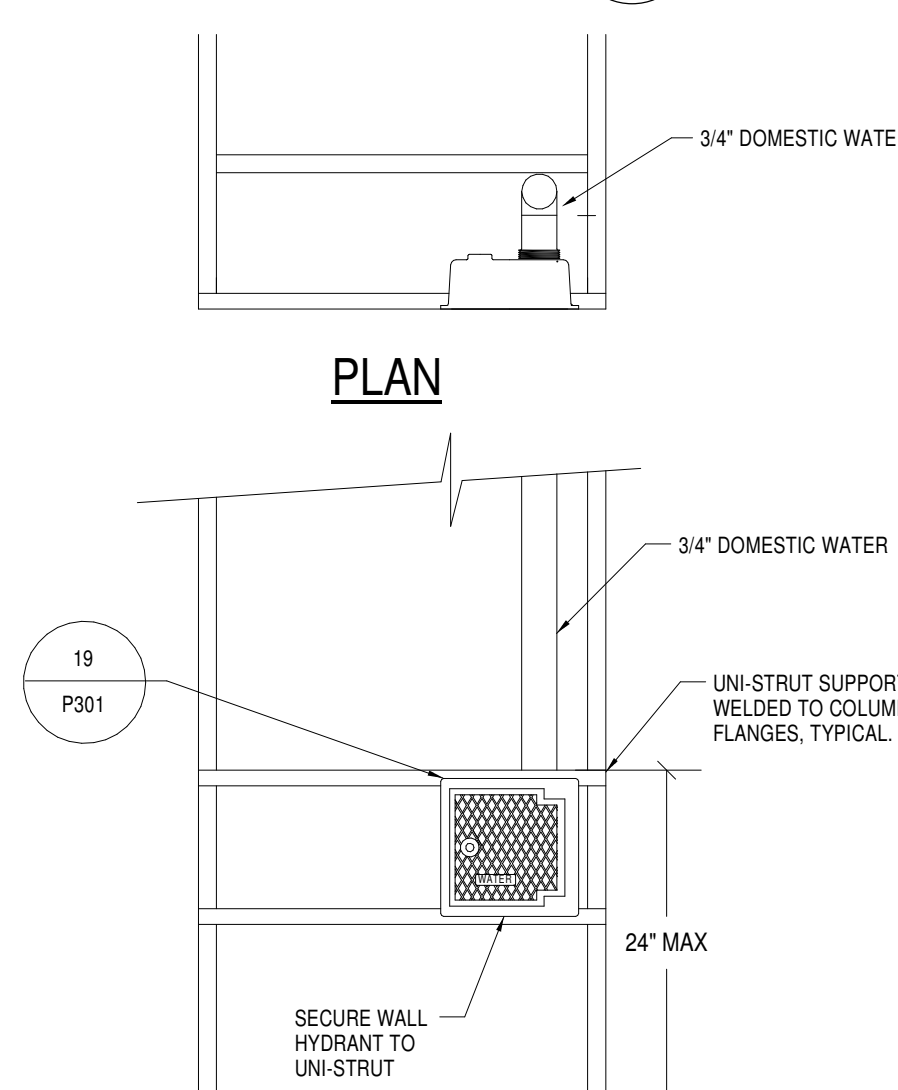
17 **PIPE WALL SUPPORT**



19
P301

WALL HYDRANT

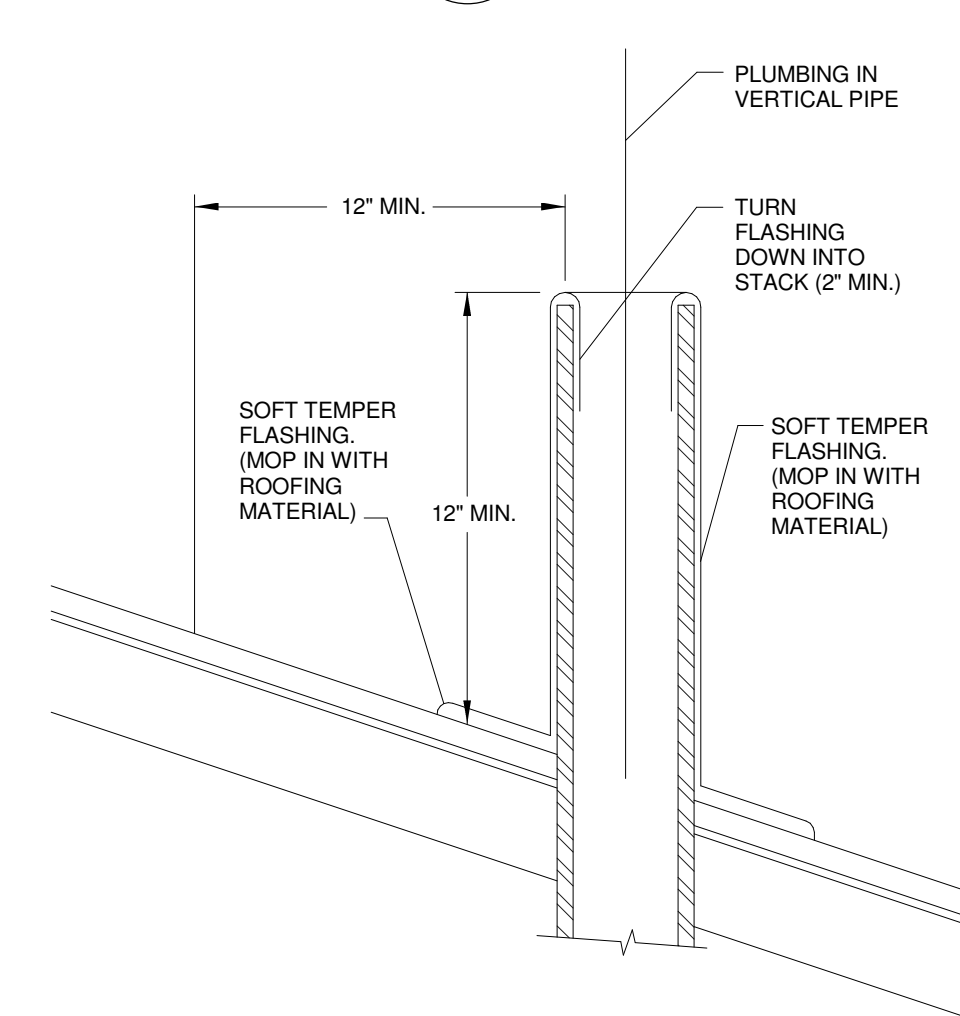
NOT TO SCALE



20
P301

WALL HYDRANT AT COLUMN

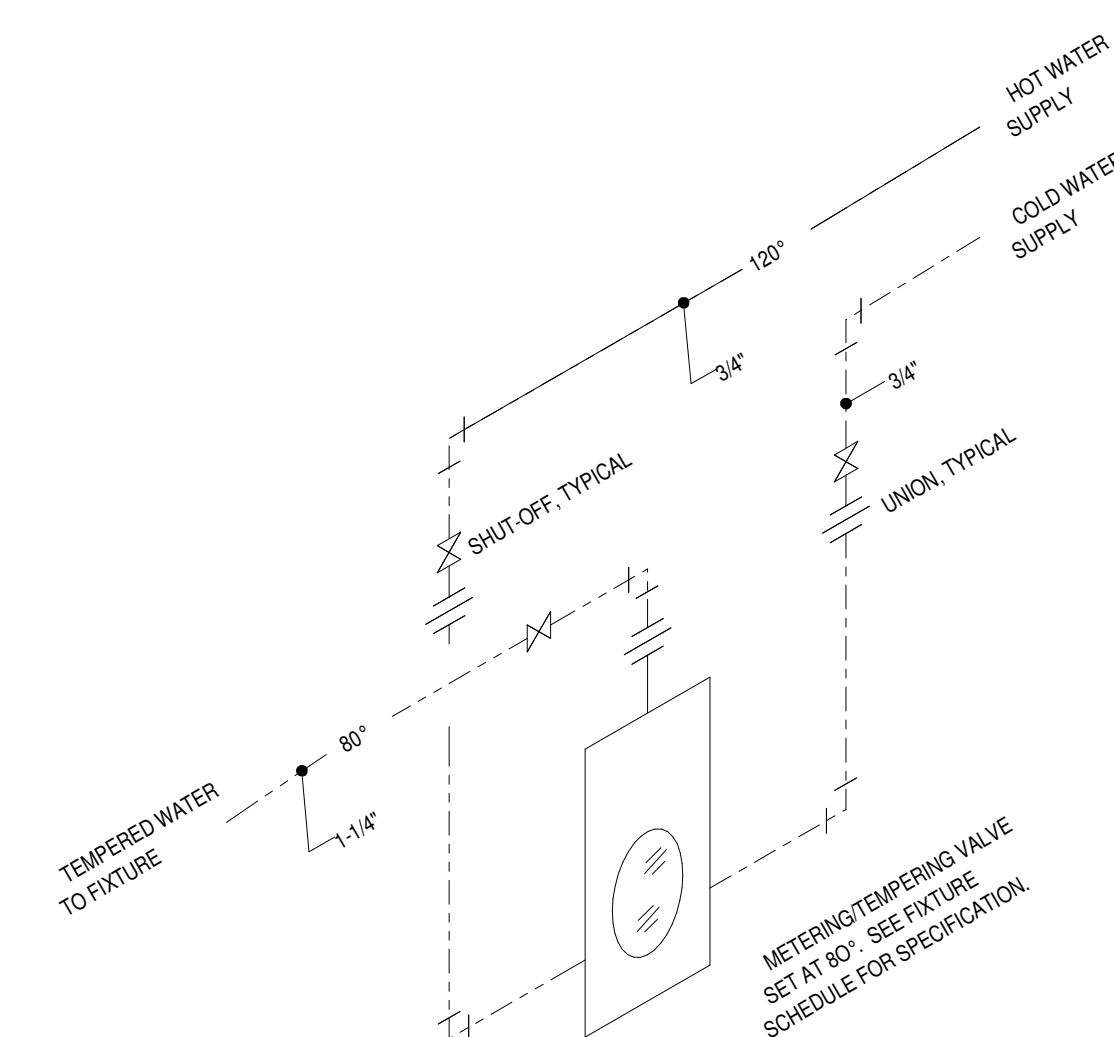
NOT TO SCALE



21
P301

VENT THROUGH ROOF

NOT TO SCALE



18 **METERING/TEMPERING VALVE**
P301 NOT TO SCALE

WATER HEATERS

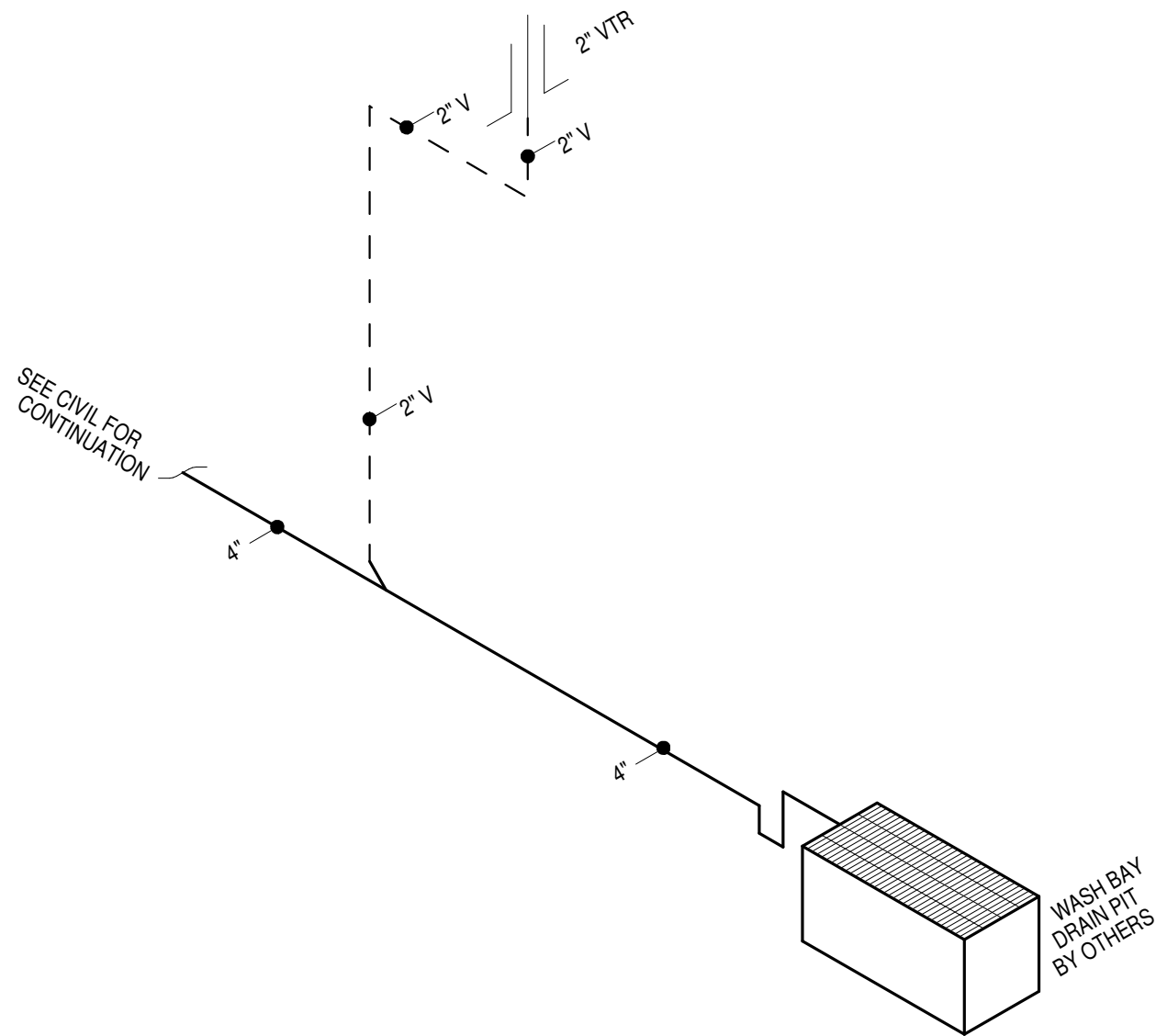
MARK	LOCATION	GALLON CAPACITY	SERVES	ELECTRIC DATA		MANUFACTURER & MODEL NO. OR EQUAL	CONNECTIONS		REMARKS
				VOLTS/ PHASE	KW		CW	HW	
WH-1	JAN 111	80	SHOP AND OFFICE AREA	208/3	8.0	A.O. SMITH DEN-80	1-1/2"	1-1/2"	DUAL ELEMENT, SIMULTANEOUS OPERATION. PROVIDE HOLDRITE WATER HEATER FLOOR STAND 40-S-24-A AND HOLDRITE WATER HEATER DRAIN PAN QP-24. PROVIDE WITH T&P VALVE AND WATTS EXPANSION TANK PER MANUFACTURERS SPECIFICATION AND HOLDRITE EXPANSION TANK MOUNTING BRACKET. HEATER TEMPERATURE SET POINT TO BE 120°F. COORDINATE WITH ELECTRICAL FOR DISCONNECT LOCATION.
sp-1	JAN 111	---	WATER HEATER WH-1	120/1	25 WATTS	GRUNDFOS UP 15-10 BUC7-LC	---	3/4"	4 GPM WHEN OPERATING AT TOTAL DEVELOPED HEAD OF 3.2 FT OF WATER COLUMN. 3/4" SWEAT CONNECTION. 2 POLE, SINGLE PHASE. 1/25 HP. PROVIDE WITH PRE-TERMINATED LINE CORD.

EQUIPMENT NOTES:

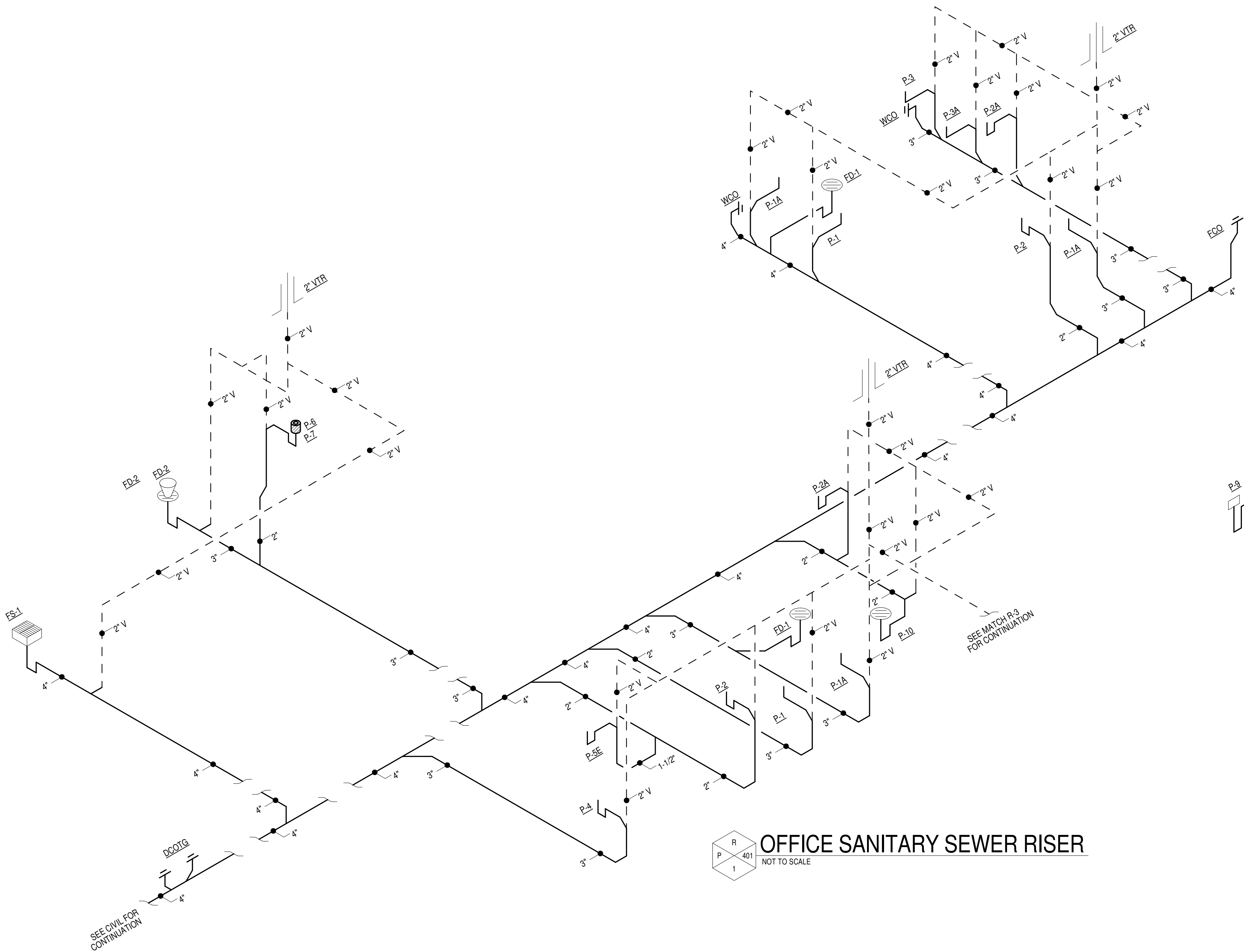
1. REFER TO THE SPECIFICATIONS FOR ADDITIONAL EQUIPMENT REQUIREMENTS.
2. MANUFACTURER'S INDICATED ARE TO ESTABLISH MINIMUM CAPACITIES, EFFICIENCIES, QUALITY, ACCESSORIES AND STANDARDS. UNLESS OTHERWISE INDICATED ON THE SCHEDULES OR IN THE SPECIFICATIONS, EQUAL EQUIPMENT BY OTHER MANUFACTURERS MAY BE USED.
3. ANY CHANGES TO THE ELECTRICAL, STRUCTURAL, ARCHITECTURAL, OR OTHER MECHANICAL SYSTEMS WHICH RESULT FROM SUBSTITUTED EQUIPMENT SHALL BE COORDINATED FULLY PRIOR TO BID. ALL COSTS RESULTING FROM CHANGES REQUIRED BY THE SUBSTITUTION SHALL BE INCLUDED IN THE BIDS.

PLUMBING FIXTURE SCHEDULE

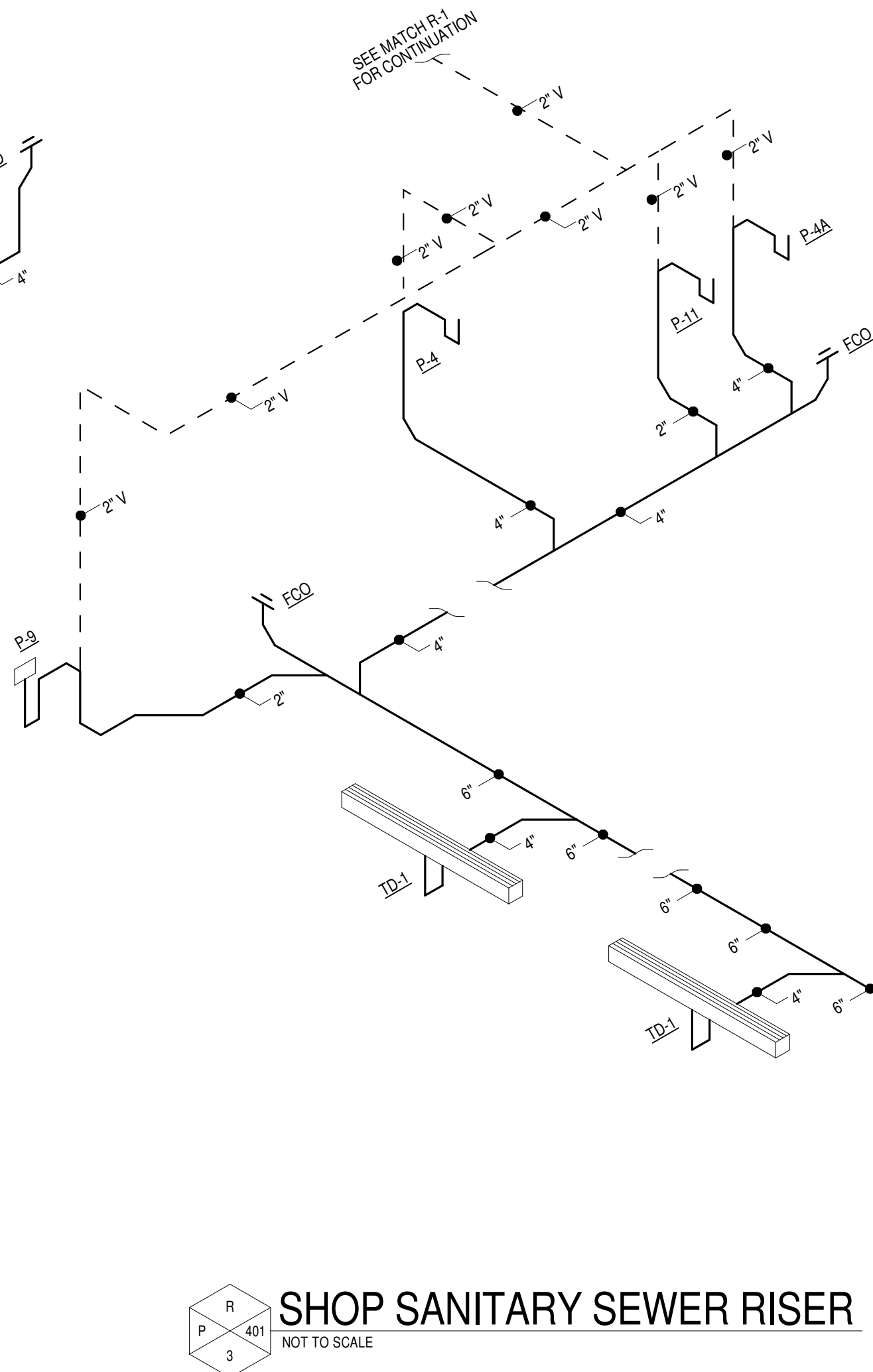
MARK	DESCRIPTION	WASTE	VENT	C.W.	H.W.	MOUNTING	REMARKS
P-1	WATER CLOSET	4"	2"	1"	---	FLOOR	AMERICAN STANDARD MADERA 3451.001, VITREOUS CHINA, WHITE. SLOAN ROYAL 111-1.28 FLUSH VALVE. CHURCH 9500NSSC, ELONGATED, OPEN FRONT SEAT, BOLT CAPS.
P-1A	WATER CLOSET - ADA	4"	2"	1"	---	FLOOR	AMERICAN STANDARD MADERA 3043.001, VITREOUS CHINA, WHITE. SLOAN ROYAL 111-1.28 FLUSH VALVE. CHURCH 9500NSSC, ELONGATED, OPEN FRONT SEAT, BOLT CAPS. INSTALL PER ADA REQUIREMENTS.
P-2A	LAVATORY - ADA	2"	2"	1/2"	1/2"	COUNTERTOP	AMERICAN STANDARD AQUALYN 0476.028 VITREOUS CHIN, WHITE. DELTA 591T0250 (0.5 GPM), HANDS FREE ELECTRONIC FAUCET, HARDWIRED, COORDINATE WITH ELECTRICAL. PROVIDE WITH THERMOSTATIC MIXING VALVE. PROVIDE MCGUIRE 1149 OFFSET GRIDSTRAINER, 8872 P-TRAP WITH ESCUTCHEON. MCGUIRE LP2165 SUPPLY KIT WITH ESCUTCHEONS. INSTALL PER ADA REQUIREMENTS.
P-2	LAVATORY - ADA	2"	2"	1/2"	1/2"	WALL	AMERICAN STANDARD LUCERNE 0355.012 VITREOUS CHIN, WHITE. DELTA 591T0250 (0.5 GPM), HANDS FREE ELECTRONIC FAUCET, HARDWIRED, COORDINATE WITH ELECTRICAL. PROVIDE WITH THERMOSTATIC MIXING VALVE. PROVIDE MCGUIRE 1149 OFFSET GRIDSTRAINER, 8872 P-TRAP WITH ESCUTCHEON. MCGUIRE LP2165 SUPPLY KIT WITH ESCUTCHEONS. INSTALL PER ADA REQUIREMENTS. PROVIDE WITH WALL CARRIER.
P-3	URINAL	2"	2"	3/4"	---	WALL	AMERICAN STANDARD LYNBROOK 6601.012, VITREOUS CHINA, WHITE. SLOAN ROYAL 186-1.0 FLUSH VALVE. WADE 400-AM11 CARRIER.
P-3A	URINAL - ADA	2"	2"	3/4"	---	WALL	AMERICAN STANDARD LYNBROOK 6601.012, VITREOUS CHINA, WHITE. SLOAN ROYAL 186-1.0 FLUSH VALVE. WADE 400-AM11 CARRIER. INSTALL PER ADA REQUIREMENTS.
P-4	JANITOR SINK	3"	2"	3/4"	3/4"	FLOOR	STERN-WILLIAMS SB-901, WITH SATAINLESS STEEL, CAP, TILTING FLANGE, CAST BRASS DRAIN BODY, STAINLESS STEEL STRAINER AND LINT BASKET, STAINLESS STEEL SPLASH PANELS, T-35 HOSE AND WALL HOOK, T-40 S.S. MOP HANGER WITH 3 WALL GRIPS. T&S FAUCET #B-6865 BSTP WITH BUILT-IN STOPS, VACUUM BREAKER, LEVER HANDLES, WALL BRACE, AND 3/4" GARDEN HOSE OUTLET.
P-4A	JANITOR SINK	3"	2"	3/4"	3/4"	FLOOR	ELKAY RNSF8118 #16 GAUGE, TYPE 304, STAINLESS STEEL SCULLERY SINK. PROVIDE WITH FAUCET MODEL LK940AT08L2H AND DRAIN MODEL LK18B. PROVIDE WITH TWO MCGUIRE SUPPLY STOPS.
P-5	ELECTRIC WATER COOLER	1-1/2"	1-1/2"	1/2"	---	WALL	OASIS POF58SF, BARRIER-FREE VERSACOOLER II WITH VERSAFILTER AND VERSAFILLER. 8.0 GPM OF 50°F WATER AT 90°F AMBIENT AND 80°F INLET WATER. 1/4 HP, 115V, 60HZ, 4.4AMPS. PROVIDE WITH BOTTLE FILLER VERSAFILLER KIT. PROVIDE WITH CARRIER. PROVIDE MCGUIRE #BV 2165 STOP AND #8872 TRAP.
P-6	SINGLE COMPARTMENT SINK	2"	2"	1/2"	1/2"	COUNTERTOP	ELKAY LR-2219 OVERALL 22"L X 19-1/2"W (16" X 16" X 7-1/2" BOWL), 18 GAUGE STAINLESS STEEL, CENTER OUTLET, WITH CHROME P-TRAP. DELTA 27C4834 FAUCET WITH WRIST BLADE HANDLES. PROVIDE MCGUIRE 8904 P-TRAP WITH ESCUTCHEON AND MCGUIRE 177 SUPPLY KIT WITH ESCUTCHEONS. PROVIDE WITH REMOVABLE STRAINER BASKET.
P-7	DISPOSAL	2"	---	---	---	BELOW SINK	IN-SINK-ERATOR, BADGER 500, CONTINUOUS FEED, 1/2 HP, 120V/110V, STAINLESS STEEL, GRINDING ELEMENTS WITH TWO STAINLESS STEEL 360° SWIVEL LUGS, WITH DISHWASHER INLET.
P-8	WATER BOX	---	---	1/2"	---	WALL	WATER TITE #AB1200, 1/2" VALVE CONNECTION, 1/4" TURN BALL INSTALLED, CONTOUR DESIGN FOR EASY VALVE ACCESS. THIS BOX SERVICES ONLY ONE ICE MACHINE.
P-9	WASHER BOX	2"	2"	1/2"	1/2"	WALL	WATER TITE #W4700, 2" DRAIN LINE, 1/2" VALVE CONNECTION, 1/4" TURN BALL INSTALLED, CONTOUR DESIGN FOR EASY VALVE ACCESS. PROVIDE WITH FACTORY HAMMER ARRESTERS.
P-10	SHOWER - ADA	2"	2"	1/2"	1/2"	WALL/FLOOR	DELTA SHOWER VALVE T17085, DELTA SHOWERHEAD 59210 WITH 24" WALL BAR. INSTAL FOR COMPLIANCE WITH ADA. ZURN FD2251-G SHOWER DRAIN. REFER TO ARCHITECT FOR ALL GRAB BARS, FINISHES, COLORS, TRIM, AND HEAD LOCATION.
P-11	EYE WASH STATION	1-1/2"	1-1/2"	1/2" TEPID WATER FROM MIXING VALVE	---	WALL	GUARDIAN GBF1724 BARRIER-FREE WIDEAREA EYE/FACE WASH, WALL MOUNTED. PROVIDE WITH GUARDIAN G6021-1R6 THERMOSTATIC MIXING VALVE WITH STEEL CABINET. INSTALL PER MANUFACTURER REQUIREMENTS.
FWH	FREEZE PROOF WALL HYDRANT	---	---	3/4"	---	WALL	WOODFORD B67, AUTOMATIC DRAINING, FREEZELESS WALL HYDRANT WITH HOSE CONNECTION BACKFLOW PROTECTION. PROVIDE WITH STANDARD CHROME FINISH WITH KEY OPERATED BOX.
HB	HOSE BIBB	---	---	3/4"	---	WALL	WOODFORD B24, ANTI-SIPHON WALL FAUCET, PROVIDE WITH STANDARD CHROME FINISH WITH KEY OPERATED BOX. FOR INSTALLATION IN MODERATE CLIMATE.
FD-1	FLOOR DRAIN	2"	---	---	---	FLOOR	ZURN Z4156 ROUND FLOOR DRAIN, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET AND POLISHED NICKLE BRONZE STRAINER. PROVIDE INLINE TRAP PROTECTION, REFER TO DETAIL 1/P301. INSTALL DRAIN SO THAT TOP OF RIM IS FLUSH WITH FLOOR.
FD-2	FLOOR DRAIN	3"	---	---	---	FLOOR	ZURN Z4156 ROUND FLOOR DRAIN WITH FUNNEL, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET AND POLISHED NICKLE BRONZE STRAINER. PROVIDE INLINE TRAP PROTECTION, REFER TO DETAIL 1/P301. INSTALL DRAIN SO THAT TOP OF RIM IS FLUSH WITH FLOOR.
FS-1	FLOOR SINK	4"	---	---	---	FLOOR	ZURN Z1849-3 FLOOR SINK, 12"x12"x4" 14 GAUGE, TYPE 304 STAINLESS STEEL WITH BOTTOM OUTLET WITH LIGHT DUTY PERFORATED GRATE AND SEDIMENT BASKET. PROVIDE WITH 3/4" GRATE. PROVIDE INLINE TRAP PROTECTION, REFER TO DETAIL 1/P301. INSTALL DRAIN SO THAT TOP OF RIM IS FLUSH WITH FLOOR.
TD-1	TRENCH DRAIN	4"	---	---	---	FLOOR	ZURN Z866-HD TRENCH DRAIN, EACH TRENCH DRAIN TO START WITH SECTION 8604 AT SHALLOW END WITH BOTTOM OUTLET DRAIN DRAIN AT THE MID POINT. PROVIDE INLINE TRAP PROTECTION, REFER TO DETAIL 1/P301. INSTALL DRAIN SO THAT TOP OF RIM IS FLUSH WITH FLOOR.
BFP-1	BACKFLOW PREVENTER	---	---	2 1/2"	---	SEE PLANS	WATTS LF989 2 1/2" BACKFLOW PREVENTER. PROVIDE WITH AIR GAP AND STRAINER. ROUTE DRAIN LINE TO FLOOR SINK.
BFP-2	BACKFLOW PREVENTER	---	---	1"	---	SEE PLANS	WATTS LF989 1" BACKFLOW PREVENTER. PROVIDE WITH AIR GAP AND STRAINER. ROUTE DRAIN LINE TO DRAIN PIT.
FDG	FLOOR CLEANOUT	SEE PLANS	---	---	---	FLOOR	ZURN OR EQUAL.
COTG	CLEANOUT TO GRADE	SEE PLANS	---	---	---	GRADE	ZURN OR EQUAL.
DOOTG	DOUBLE CLEANOUT TO GRADE	SEE PLANS	---	---	---	GRADE	ZURN OR EQUAL.



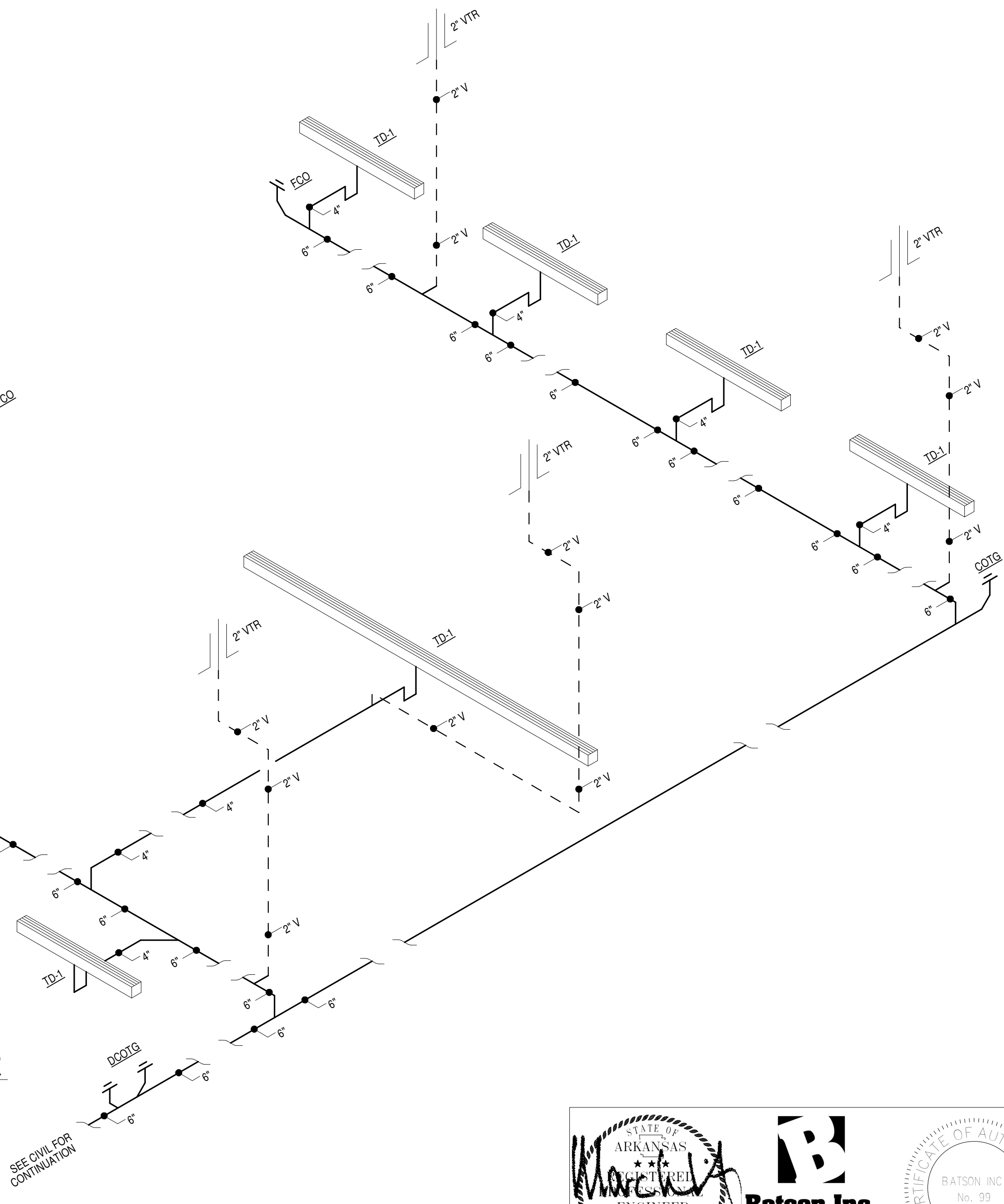
WASH BAY DRAIN PIT RISER
NOT TO SCALE
TYPICAL OF 2



OFFICE SANITARY SEWER RISER
NOT TO SCALE



SHOP SANITARY SEWER RISER
NOT TO SCALE



24/03/2024 8:55:59 AM C:\Users\lax\OneDrive\Documents\2024\03\08_Craighead_Elec_S100.dwg 254 11/14

ABBREVIATIONS

#XX	NUMBER	G.C.	GENERAL CONTRACTOR	PLBG	PLUMBING
A.F.F.	ABOVE FINISHED FLOOR	GA	GAUGE	PSF	POUNDS PER SQ FOOT
ADDL	ADDITIONAL	GLV	GALVANIZED	PSI	POUNDS PER SQ INCH
ADJ	ADJACENT	H.S.	HIGH STRENGTH	REIN	REINFORCEMENT
ARCH	ARCHITECTURAL	HORIZ	HORIZONTAL	REQD	REQUIRED
B.F.F.	BELOW FINISHED FLOOR	HSS	ROUND, SQUARE, OR RECTANGULAR	SLIP CRITICAL	SLIP CRITICAL
BLDG.	BUILDING	ID	INSIDE DIAMETER	SECT	SECTION
BOT.	BOTTOM	JT	JOINT	SHIT	SHEET
BTWN	BETWEEN	K or k	KIP (1,000 LBS)	SIM	SIMILAR
C	STANDARD CHANNEL	KCJ	KEYED CONTROL JOINT	S.J.	SAWN JOINT
C/S	COLD-FORMED STEEL	KSI	KIPS PER SQUARE INCH	SPA	SPACE
CJ	CONTROL JOINT	L	ANGLE	SQ	SQUARE
CJP	COMPLETE JOINT	LBS	POUNDS	SSL	SHORT SLOTTED HOLES
CL	CENTERLINE	LL	LONG LEG HORIZONTAL	STD	STANDARD
CLR	CLEAR	LLV	LONG LEG VERTICAL	T&B	TOP AND BOTTOM
CMU	CONCRETE MASONRY UNIT	LSL	LONG SLOTTED HOLES	T.O.F.	TOP OF FOOTING
D.B.	COLUMN	MANUF	MANUFACTURER	T.O.S.	TOP OF STEEL or TOP OF SLAB
CONC	CONCRETE	MATL	MATERIAL	TC	TENSION CONTROL
CONX	CONNECTION	MAX	MAXIMUM	THRU	THROUGH
CONT	CONTINUOUS	MC	MISCELLANEOUS	TYP	TYPICAL
D.B.	DEFORMED BAR ANCHOR	MECH	MECHANICAL	U.N.O	UNLESS NOTED OTHERWISE
DBA	DIAMETER	MIN	MINIMUM	VERT	VERTICAL
D.B.	DETAIL	MISC	MISCELLANEOUS	VSC	VERTICAL SLIDING CLIP
E.F.	EACH FACE	N.T.S.	NOT TO SCALE	W	WIDE FLANGE
EA	EACH	NS	NEAR SIDE	W.W.R.	WELDED WIRE REINF.
ELEV	ELEVATION	O.C.	ON CENTER	W	WITH
EW	EACH WAY	OPP	OPPOSITE	WP	WELD POINT
EXIST	EXISTING	P.J.	PANEL JOINT	WT	TEE SHAPE MADE FROM W SHAPE
EXP	EXPANSION	PAF	POWER ACTUATED	X/S-YYY	SHEET/DETAIL 'X' ON SHEET 'S'-YYY
FF	FINISHED FLOOR	PL	PLATE	XX#	POUNDS
FLR	FLOOR			ZRC	ZIN BASE PAINT
FS	FAR SIDE				
FTG	FOOTING				

STRUCTURAL DESIGN CRITERIA

BUILDING CODE: 2021 INTERNATIONAL BUILDING CODE & ASCE 7-16		
STRUCTURAL RISK CATEGORY: II		
GRAVITY LOADS:		
LIVE LOADS		
FLOORS:	OFFICE AREAS	50 psf
	MECHANICAL ROOMS	125 psf
ROOF:	MINIMUM (NON-REDUCIBLE)	20 psf
	MECHANICAL ROOF	N/A
	GROUND SNOW LOAD	21 psf
	FLAT ROOF SNOW LOAD	13 psf
	SNOW DRIFT LOAD (MAX)	50 psf
	- SNOW LOAD IMPORTANCE FACTOR	Is = 1.0
	- SNOW EXPOSURE FACTOR	Cs = 1.0
	- THERMAL FACTOR	Ct = 1.0
DEAD LOADS:		
FLOORS:	STRUCTURAL SLAB	70 psf
ROOF:	DEAD AND COLLATERAL (BOTTOM CHORD)	10 psf
	DEAD AND COLLATERAL (TOP CHORD)	15 psf
	LIVE LOAD (TOP CHORD ONLY)	20 psf
LATERAL LOADS:		
WIND		
BASIC WIND SPEED		115 mph
EXPOSURE		B
WIND IMPORTANCE FACTOR		1.00
INTERNAL PRESSURE COEFFICIENT		+/- 0.18
SEISMIC		
SEISMIC OCCUPANCY CATEGORY	II	
SEISMIC IMPORTANCE FACTOR	Ie = 1.00	
SPECTRAL RESPONSE COEFFICIENT	Ss = 1.06	
	S1 = 0.42	
SITE CLASS	D (STIFF SOIL)	
ADJUSTED MC SPECTRAL RESPONSE	Sms = 1.22	
DESIGN SPECTRAL RESPONSE ACCELERATION	Sds = 0.81	
	Sd1 = 0.28	
SEISMIC DESIGN CATEGORY	D	
BASIC SEISMIC RESISTING SYSTEM	MOMENT FRAME(S) (R=3.25)	
DESIGN BASE SHEAR	V = 0.024W	
SEISMIC RESPONSE COEFFICIENT	Cs = 0.249	
RESPONSE MODIFICATION FACTOR	R = 3.25	
ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE PROCEDURE	

SYSTEMS AND COMPONENTS REQUIRING SPECIAL INSPECTION - SEE SPECIFICATION SECTION 014533 (IBC). THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE AND ASCE 7-10.

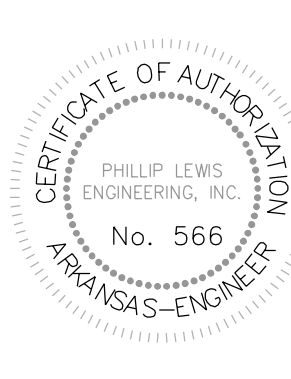
GENERAL STRUCTURAL NOTES

- A. SPECIAL INSPECTIONS:
1. QUALIFIED INSPECTORS SHALL CONDUCT SPECIAL INSPECTIONS AND TEST AND FURNISH REPORTS AS SPECIFIED IN SECTION 014533 AND IN ACCORDANCE WITH CHAPTER 17, INTERNATIONAL BUILDING CODE.
 2. THE CONTRACTOR SHALL COORDINATE THE SPECIAL INSPECTIONS AND TESTING SERVICES WITH THE PROGRESS OF THE WORK, PROVIDE THE APPROPRIATE DOCUMENTATION AND PERFORM OTHER TASKS AS SPECIFIED IN SECTION 014533 (IBC).
 3. THE CONTRACTOR IS RESPONSIBLE FOR ALL OTHER INSPECTIONS OR TESTS IN THE SPECIFICATIONS, NOT USED IN THE SCHEDULE OF SPECIAL INSPECTION SERVICES IN SECTION 014533 (IBC).
 4. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF REPAIR, REINSPECTION AND RETESTING FOR ITEMS THAT DO NOT PASS THE INSPECTIONS OR TESTS.
 5. SPECIAL INSPECTION SERVICES DO NOT RELIEVE THE CONTRACTOR OR RESPONSIBILITY FOR COMPLIANCE WITH OTHER CONSTRUCTION DOCUMENT REQUIREMENTS OR REGULATORY REQUIREMENTS.
- B. STABILITY DURING CONSTRUCTION, SHORING, AND TEMPORARY STRUCTURES:
1. PERMANENT STABILITY OF THE BUILDING AND COMPONENTS IS NOT PROVIDED UNTIL ALL THE STRUCTURAL ELEMENTS ARE INSTALLED AS SHOWN ON THE CONTRACT DRAWINGS. PROVIDE STABILITY TO ALL NON-SELF SUPPORTING ELEMENTS AND SAFETY TO ALL WORKERS, ANIMALS AND PROPERTY DURING CONSTRUCTION AND UNTIL ALL PERMANENT BRACING ELEMENTS ARE INSTALLED.
 2. WHERE SHORING AND/OR TEMPORARY STRUCTURES ARE REQUIRED IN ORDER TO SATISFY THE CONTRACT REQUIREMENTS, TEMPORARY STRUCTURES SHALL BE DESIGNED AND BUILT WITHOUT EXTRA COST TO THE CONTRACT. THE DESIGN SHALL BE DONE BY A REGISTERED PROFESSIONAL ENGINEER.
 3. BRACING USED TO STABILIZE THE BUILDING DURING THE ERECTION PROCESS SHALL BE DESIGNED TO NOT TWIST OR DISTORT MEMBERS. SPECIFICALLY, IF CABLES ARE USED THEY SHALL BE ATTACHED TO THE CENTER OF THE COLUMN AND NOT WRAPPED AROUND THE COLUMN IN A MANNER THAT WILL TWIST THE COLUMN.
 4. THE TEMPORARY BRACING USED TO STABILIZE THE BUILDING DURING THE ERECTION PHASE SHALL BE DESIGNED FOR LOADS AS REQUIRED BY THE APPLICABLE CODES. THE DESIGN OF THE BRACING SHALL TAKE INTO ACCOUNT ADDITIONAL FORCES DUE TO THERMAL CONTRACTION AND EXPANSION OF THE BUILDING FRAME AND BRACES.
 5. THE ANCHOR RODS FOR STEEL COLUMNS ARE NOT DESIGNED TO STABILIZE STRUCTURE BY PROVIDING FIXITY OF THE COLUMN BASE DURING ERECTION OF THE STEEL. PROVIDE TEMPORARY BRACING FOR STABILITY DURING THE ERECTION PHASE AND UNTIL ALL GRAVITY AND LATERAL LOAD RESISTING ELEMENTS ARE IN PLACE AND WELDING AND/OR BOLTING INSPECTION IS COMPLETE.
 6. COMPLY WITH OSHA SAFETY STANDARDS FOR ERECTION OF THE BUILDING FRAME.
- C. MISCELLANEOUS:
1. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH DRAWINGS RELATING TO OTHER TRADES. CHECK AND COORDINATE DIMENSIONS, CLEARANCES, OPENINGS, PIPE SLEEVES, CURBS, ETC. WITH THE WORK OF OTHER TRADES.
 2. PRINCIPAL OPENINGS THROUGH THE FRAMING ARE SHOWN ON THESE DRAWINGS. EXAMINE THE DRAWINGS FOR REQUIRED OPENING AND PROVIDE FOR ALL OPENINGS WHETHER SHOWN ON THESE DRAWINGS ARE NOT. AND VERIFY SIZE AND LOCATION OF ALL OPENINGS WITH ALL SUB-CONTRACTORS. NOMINAL PIPE SLEEVES THROUGH THE DECK WILL NOT REQUIRE FRAMING UNLESS THE OPENING EXCEEDS 10 IN DIAMETER.
 3. WORK NOT INDICATED ON PART OF THE DRAWING BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE REPEATED.
 4. LOADING FOR MECHANIC ROOMS ARE BASED ON THE WEIGHTS OF ASSUMED EQUIPMENT AS INDICATED ON THE MECHANICAL DRAWINGS (INCLUDING THE WEIGHT OF CONCRETE PADS, WHERE INDICATED). ANY CHANGES IN TYPE, SIZE OR NUMBER OF EQUIPMENT SHALL BE REPORTED TO THE ARCHITECT/ENGINEER FOR VERIFICATION OF THE ADEQUACY OF SUPPORTING MEMBERS PRIOR TO THE PLACEMENT OF SUCH EQUIPMENT.
 5. ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS AND DETAILS.
 6. INSURE THAT ALL CONSTRUCTION LOADS DO NOT EXCEED THE DESIGN LIVE LOADS INDICATED ON THE STRUCTURAL DRAWINGS AND THAT THESE LOADS ARE NOT PUT ON THE STRUCTURAL MEMBERS PRIOR TO THE TIME THAT THE CONCRETE REACHES THE FULL DESIGN STRENGTH AND ALL FRAMING MEMBERS AND THEIR CONNECTIONS ARE IN PLACE.
 7. THE DETAILS SHOWN AND DESIGNATED AS "TYPICAL DETAILS" APPLY GENERALLY TO THE DRAWINGS IN ALL AREAS WHERE CONDITIONS ARE SIMILAR TO THOSE DESCRIBED IN THE DETAILS UNLESS NOTED OTHERWISE.
 8. THE DETAILS ON THE CONTRACT DRAWINGS SHALL NOT BE REVISED WITHOUT PRIOR APPROVAL BY THE ARCHITECT/ENGINEER. IF PERMITTED, THE REVISED DETAILS AND CALCULATIONS SHALL BE DONE ONLY BY A LICENSED PROFESSIONAL ENGINEER AND SUBMITTED TO THE ARCHITECT/ENGINEER FOR APPROVAL.
 9. PROVIDE SIGNS AT ROOMS/FLOORS POSTED IN A CONSPICUOUS LOCATION INDICATING THE FLOOR LIVE LOAD CAPACITY AS STATED IN THE DESIGN CRITERIA SECTION OF THIS DRAWING. THE SIGNS SHALL CONFORM TO THE REQUIREMENTS OF THE BUILDING CODE AND THE BUILDING INSPECTOR. SEE SPECIFICATION FOR GENERAL SIGN REQUIREMENTS.
 10. IF A DIFFERENT ELEVATOR IS SELECTED SUCH THAT FRAMING AND/OR FOUNDATION CHANGES ARE REQUIRED, INCLUDE AN ALLOWANCE FOR THE ENGINEER TO REDESIGN TO ACCOMMODATE THE ELEVATOR REQUIREMENTS.
 11. PRIOR TO STARTING SHOP DRAWINGS, ORDERING MATERIAL, AND PRIOR TO FABRICATION:
 - a. CHECK ALL DIMENSIONS AGAINST REQUIREMENTS OF OTHER CONTRACT DOCUMENTS
 - b. ARCHITECTURAL DIMENSIONS GOVERN
 12. RESOLVE APPARENT DEFICIENCIES, OMISSIONS, CONTRADICTION, AND AMBIGUITIES IN CONTRACT DOCUMENTS WITH ARCHITECT/ENGINEER BEFORE AFFECTED WORK PROCEEDS. FOR BID PURPOSES USE THE INTERPRETATIONS RESULTING IN THE GREATEST COST.
 13. NO MODIFICATION, ALTERATION, CORRECTION, OR REPAIR SHALL BE MADE WITHOUT PRIOR REVIEW AND ACCEPTANCE OF THE CONTRACT ENGINEER. SUBMIT DETAILS AND CALCULATIONS PREPARED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED AND EMPLOYED BY THE CONTRACT. ARCHITECTURAL/ENGINEER REVIEW IS CONTRACTOR EXPENSE.
- D. FOUNDATION & EARTHWORK:
1. FOUNDATION DESIGN IS BASED UPON A PRESUMED BEARING VALUE OF 2000 PSF AND NO EXPANSIVE SOILS PRESENT AT THE SITE. NO GEOTECHNICAL REPORT WAS PROVIDED TO THE STRUCTURAL ENGINEER AT THE TIME THESE DRAWINGS WERE COMPLETED.
 2. BEARING MATERIAL AND BEARING VALUE OF THE FOUNDATION SOILS SHALL BE FIELD VERIFIED AFTER EXCAVATION AND PRIOR TO PLACEMENT OF CONCRETE. TESTING SHOULD BE PERFORMED BY A CERTIFIED MATERIALS TESTING LABORATORY.
 3. TAKE ADEQUATE MEASURES TO ALLOW FOR WORKING SURFACE DURING CONSTRUCTION OF FOUNDATIONS AND SLAB-ON-GRADE, SUCH AS GRAVEL BED OF ADEQUATE DEPTH, ETC.
 4. SOME UNDERCUTTING MAY BE REQUIRED DEPENDING ON TIME OF YEAR (GROUND MEASURE), COORDINATE CLEARING AND DIRT WORK WITH GEOTECHNICAL ENGINEER.
 5. BACKFILLING:
 - DO NOT PLACE BACKFILL AGAINST CONCRETE WALLS AND GRADE BEAMS UNTIL BRACING FLOORS ARE IN PLACE OR ADEQUATE TEMPORARY BRACING HAS BEEN INSTALLED
 - BACKFILL IN EVEN LIFTS ALTERNATING FROM SIDE TO SIDE (8" MAX LOOSE LIFTS)
 - ALL FILL MATERIAL SHALL BE NONEXPANSIVE AND MINIMUM PLASTICITY
 - FILL SHALL BE COMPACTED TO 85% OF MODIFIED PROCTOR DENSITY PER ASTM 1557
 - COMPACTION SHALL BE ACHIEVED WITHIN -3% TO +5% OF THE OPTIMUM WATER CONTENT
- E. CONCRETE AND REINFORCING
1. MINIMUM CONCRETE COMPRESSIVE STRENGTH OF ALL CONCRETE AT 28 DAYS SHALL BE 4,000 PSI WITH A WEIGHT OF 145 PCF.
 2. MAXIMUM ALLOWABLE w/c RATIO = 0.55
 3. MAXIMUM ALLOWABLE SLUMP = 5"
 4. NO CHLORIDE ADDITIVES ALLOWED.
 5. REINFORCING :
 - BARS: ASTM A615 - GRADE 60, EXCEPT USE GRADE 40 FOR BARS NOTED (IF NOTED).
 - AS FIELD BENT.
 - SHEET MESH: ASTM A185
 6. CLEARANCE BETWEEN REINFORCING AND CONCRETE SURFACES WHICH ARE:
 - CAST AGAINST EARTH OR ROCK.....3"
 - FORMED AND EXPOSED TO WEATHER OR EARTH.....2"
 - FORMED BUT NOT EXPOSED TO WEATHER OR EARTH.....1 1/2"
 - WALLS, SLABS.....3/4"
 7. MAXIMUM WATER/ CEMENT RATIO = 0.55 AND MAXIMUM SLUMP OF 5"
 8. UNLESS OTHERWISE SHOWN IN THE ARCHITECTURAL DRAWINGS, PROVIDE 3/4" CHAMFERS AT ALL COLUMNS, BEAMS, WALLS, AND SLAB EDGES THAT ARE EXPOSED TO VIEW IN THE FINISHED STRUCTURE.
 9. REFER TO ARCHITECTURAL DRAWINGS FOR CONCRETE FINISHES. WHERE FORM FINISH IS NOT SPECIFIED, CONFORM TO REQUIREMENTS OF ACI 301 AS MODIFIED BY THE SPECIFICATIONS.
 10. MASONRY DOWELS: PROVIDE, PLACE, AND SPACE TO MATCH MASONRY VERTICAL REINFORCING.
 11. "C.J." REPRESENTS CONTROL JOINT. SAWCUT ALL CONTROL JOINTS WITHIN 8 HOURS OF POUR.
 12. PROVIDE PLAN (PER ACI RECOMMENDATIONS) FOR COLD (40°F & BELOW) OR HOT (90°F & ABOVE) WEATHER CONCRETE CURING. FOLLOW ALL RECOMMENDATIONS SPECIFIED IN ACI 308R-16 (COLD) & ACI 308R-20 (HOT WEATHER)

13. UNLESS SHOWN OR OTHERWISE NOTED, PROVIDE STANDARD HOOKS ON END OF ALL BARS EXCEPT THOSE LAPPED OR SPLICED TO A CONTINUING BAR.
 - WALLS: #5 EACH WAY EACH FACE. SPACING IN INCHES = 140/(WALL THICKNESS IN INCHES) BUT NOT OVER 18" O.C.
 - BEAMS: 1 - #9 CONTINUOUS TOP AND BOTTOM FOR EACH 100 SQUARE INCHES BEAM CROSS SECTIONAL AREA AND #4 STIRRUP AT 1/4 OF BEAM DEPTH FULL LENGTH OF BEAM
 - COLUMNS: 1 - #9 VERTICAL PER 50 SQUARE INCHES OF CROSS SECTIONAL AREA AND #3 TIES @ #8
 - SLABS: #5 EACH WAY TOP AND BOTTOM. SPACING IN INCHES = 100/(SLAB THICKNESS IN INCHES) BUT NOT OVER 18" O.C.ON SHOP DRAWINGS, INDICATE ABOVE REINFORCING AS "PER GENERAL NOTES". SUCH REINFORCING MAY BE REVISED OR RELOCATED BY STRUCTURAL ENGINEER DURING SHOP DRAWING REVIEW.
 14. AS PART OF CONCRETE WORK PROVIDE CONCRETE EQUIPMENT PADS, HOUSE KEEPING PADS, INERTIA BASES AND CURBS AS INDICATED ON ANY OF THE CONTRACT DRAWINGS UNLESS SPECIFIED TO BE PROVIDED UNDER OTHER DIVISIONS OF THE SPECIFICATION. UNLESS NOTED, DOWEL TO STRUCTURE BELOW WITH #4 X 9" PROJECTING 3" FROM CONCRETE BELOW AT 12" O.C. EACH WAY AND REINFORCE W/ #4 @ 12" EACH WAY, TOP AND BOTTOM
 15. CONCRETE EQUIPMENT PADS, INERTIA BASES AND CURBS NOT SHOWN ON THE CONTRACT DOCUMENTS FOR THIS BID PACKAGE ARE THE RESPONSIBILITY OF THE TRADE WHO'S EQUIPMENT BEARS ON THEM OR ATTACHES TO THEM.
 16. SEE ARCHITECTURAL DRAWINGS FOR DOOR AND WINDOW OPENINGS, DRIP SLOWS, REGLETS, MASONRY ANCHORS, PRECAST BEARING LEDGES, AND FOR MISCELLANEOUS EMBEDDED PLATS, BOLTS, ANCHORS, ETC.
 17. SELECT FORMWORK TO PRODUCE THE FINISH REQUIRED. WHERE FINISH IS NOT SPECIFIED, FORMWORK FOR EXPOSED SURFACES SHALL BE ACI 308.1R, CLASS A, AND FORMWORK FOR OTHER SURFACES SHALL BE ACI 308.1R, CLASS C. A SURFACE IS CONSIDERED EXPOSED IF THE CONCRETE TEXTURE CAN BE SEEN BY ANYONE IN THE COMPLETED STRUCTURE.
- F. STRUCTURAL STEEL
1. ROLLED AND BUILT UP SECTIONS:
 - WBS THRU W36'S - A572 GRADE 50
 - PIPES - A53 - 30 ksi
 - TUBES - A500 GRADE B - 46 ksi
 - BUILT UP SHAPES - AS INDICATED
 - ALL ELSE - A36 - 36 ksi OR A572 GRADE 50
 2. SPACE MEMBERS UNIFORMLY BETWEEN DIMENSIONED LOCATIONS
 3. CONNECTIONS
 - WELD OR BOLT, UNLESS NOTED OTHERWISE
 - DESIGN CONNECTIONS NOT ENTIRELY DETAILED ON DRAWINGS
 - DETAILS SHOW THE RELATIONSHIP BETWEEN MEMBERS AND MAY GIVE LIMITATIONS OR CRITERIA TO BE USED IN DEVELOPING COMPLETE CONNECTION DESIGN AND DETAILS. USE CONNECTIONS FROM PART 4, AISC MANUAL, 9TH EDITION, FOR IS AND PIPE CONNECTIONS USE CONNECTIONS FROM AISC HOLLOW STRUCTURAL SECTIONS CONNECTIONS MANUAL.
 - MINIMUM THICKNESS: ANGLES 5/16" PLATES 3/8"
 4. CONNECTION DESIGN FORCES
 - 1) IF SHOWN, USE 110% OF THE REACTION OF THE DRAWINGS BUT NOT LESS THAN 10 kips.
 - 2) IF NO REACTION IS SHOWN, USE 55% OF TOTAL ALLOWABLE UNIFORM LOAD CAPACITY FROM THE AISC TABLES FOR ALLOWABLE LOADS ON BEAMS BUT NOT LESS THAN 10 kips.
 5. BOLTED CONNECTIONS
 - MINIMUM BOLT DIAMETER, 3/4" UNLESS NOTED.
 - TWO BOLTS MINIMUM PER CONNECTED MEMBER.
 - USE A325CS OR A490CS BOLTS FOR BRACING. MOMENT CONNECTIONS, CANTILEVERS, TENSIONS MEMBERS AND AT OVERSIZED OR SLOTTED HOLES WHERE THE FORCE ON THE JOINT IS PARALLEL TO THE LONG AXIS OF THE SLOT, USE A325 OR A490 ELSEWHERE.
 - FOR BEAM TO COLUMN CONNECTION, USE SHORT OR LONG SLOTTED HOLES AND FULLY TENSIONED BOLTS, EXCEPT USE SC BOLTS AT MOMENT CONNECTIONS.
 - OVERSIZED AND LONG SLOTTED HOLES PERMITTED ONLY WHERE SHOWN OR NOTED.
 6. WELDED CONNECTIONS:
 - ELECTRODES: 370 SERIES
 - FILLET WELDS: AISC MINIMUM, BUT NOT LESS THAN 3/16", UNLESS NOTED
 - GROOVE WELDS: FULL PENETRATION, UNLESS NOTED OTHERWISE
 - WELDS ARE CONTINUOUS UNLESS NOTED OTHERWISE
 - G. EMBEDDED ITEMS:
 1. DO NOT EMBED PIPES, TUBES, WIRES, CONDUIT, DUCTS, OR CAVITY CREATING NON-STRUCTURAL ITEMS IN CONCRETE.
 - H. ANCHORING:
 1. ANCHORS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE PROVIDED BY THE TRADE CONTRACTOR ATTACHING TO THE ANCHOR.
 2. DETERMINING THE INSTALLED CAPACITY OF ANCHORS WHICH ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS IS THE RESPONSIBILITY OF THE TRADE CONTRACTOR ATTACHING TO THE ANCHOR.
 3. LOCATING AND MISSING EMBED ITEMS IN CONCRETE IS THE RESPONSIBILITY OF THE TRADE CONTRACTOR ATTACHING TO THE ANCHOR.
- I. SUPPORT AND BRACING OF WORK NOT SHOWN ON STRUCTURAL DRAWINGS:
1. SUPPORTS, BRACING, SUB-FRAMING, LIGHT GAGE FRAMING, MISCELLANEOUS STEEL, BRACKETS, CONNECTORS, AND ATTACHMENTS NOT SHOWN ON THE STRUCTURAL DRAWINGS ARE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE ENGINEERED AND PROVIDED BY THE TRADE CONTRACTOR WITH ITEMS BEING SUPPORTED OR BRACED AT THE TRADE CONTRACTOR'S EXPENSE.
 2. IF STRUCTURAL DRAWINGS REFERENCED BY OTHER DRAWINGS FOR ITEMS NOT FULLY DEFINED ON STRUCTURAL DRAWINGS (AND ASSOCIATED SPECIFICATIONS) THEN ENGINEER AND PROVIDE SUCH ITEMS ON A PERFORMANCE BASIS IN COMPLIANCE WITH THE GOVERNING BUILDING CODE. ALL COSTS SHALL BE BORN BY THE TRADE CONTRACTOR ATTACHING TO OR BEARING UPON SUCH ITEMS.
 3. SUPPORT AND BRACING SYSTEMS SHALL NOT TRANSMIT LATERAL LOADS TO COLUMNS BETWEEN FLOORS OR TO THE BOTTOMS OR SIDES OF STEEL BEAMS OR JOISTS. IF OTHER CONTRACT DRAWINGS INDICATE BRACING OR ATTACHMENT DETAILS WHICH WOULD RESULT IN LATERAL LOADS BEING TRANSMITTED TO THE SIDE OF COLUMNS BETWEEN FLOORS OR TO THE BOTTOMS OR SIDES OF BEAMS OR JOISTS THEN THE TRADE CONTRACTOR RESPONSIBLE FOR THE ITEMS TRANSMITTING SUCH LATERAL LOADS INCLUDE THE COST IN HIS BID FOR ENGINEERING AND PROVIDING BRACING TO THE TOP OF FLANGE OF THE NEXT ADJACENT BEAM OR JOIST.
- FACADE AND WALL SYSTEMS ATTACHMENTS TO THE STRUCTURE:
- SHALL NOT ASSUME THE STRUCTURE PROVIDES MOMENT RESISTANCE AT THE POINT OF ATTACHMENT.
 - SHALL BE TO THE EDGE OF THE FLOOR SLAB OR ROOF DECK ONLY UNLESS NOTED ON THE STRUCTURAL DRAWINGS.
 - SHALL NOT RESTRICT INDEPENDENT VERTICAL OR LATERAL MOVEMENT OF THE BUILDING LEVELS.

f _c = 3,000 psi		SPLICE LENGTH (in)			
		TOP BARS		OTHER BARS	
		(alpha = 1.3)		(alpha = 1.0)	
BAR SIZE	LAP CLASS	CASE 1	CASE 2	CASE 1	CASE 2
#3	A	22	33	17	25
	B	28	42	22	33
#4	A	28	43	22	33
	B	38	56	29	43
#5	A	36	54	28	42
	B	47	70	36	54
#6	A	43	65	33	50
	B	56	84	43	65
#7	A	43	64	48	72
	B	61	122	63	94
#8	A	72	107	65	83
	B	93	139	72	107
#9	A	81	121	62	93
	B	105	157	81	121
#10	A	91	136	70	105
	B	118	177	91	136
#11	A	101	151	78	116
	B	131	196	101	151

f _c = 4,000 psi		SPLICE LENGTH (in)			
		TOP BARS		OTHER BARS	
		(alpha = 1.3)		(alpha = 1.0)	
BAR SIZE	LAP CLASS	CASE 1	CASE 2	CASE 1	CASE 2
#3	A	19	28	15	22
	B	25	37	19	28
#4	A	25	37	19	29
	B	33	49	25	37
#5	A	21	47	24	37
	B	41	61	31	47
#6	A	37	56	29	43
	B	49	73	37	56
#7	A	54	81	42	63
	B	71	106	54	81
#8	A	62	93	48	72
	B	81	121	62	93
#9	A	70	105	54	81
	B	91	136	70	105
#10	A	79	118	61	91
	B	102	153	79	118
#11	A	87	131	67	101
	B	114	170	87	131



REVISIONS

NO.	DATE	DESCRIPTION
-----	------	-------------

24-096
JOB NO.
02.14.2025
DATE

ISSUE SET

S100

PROJECT TITLE

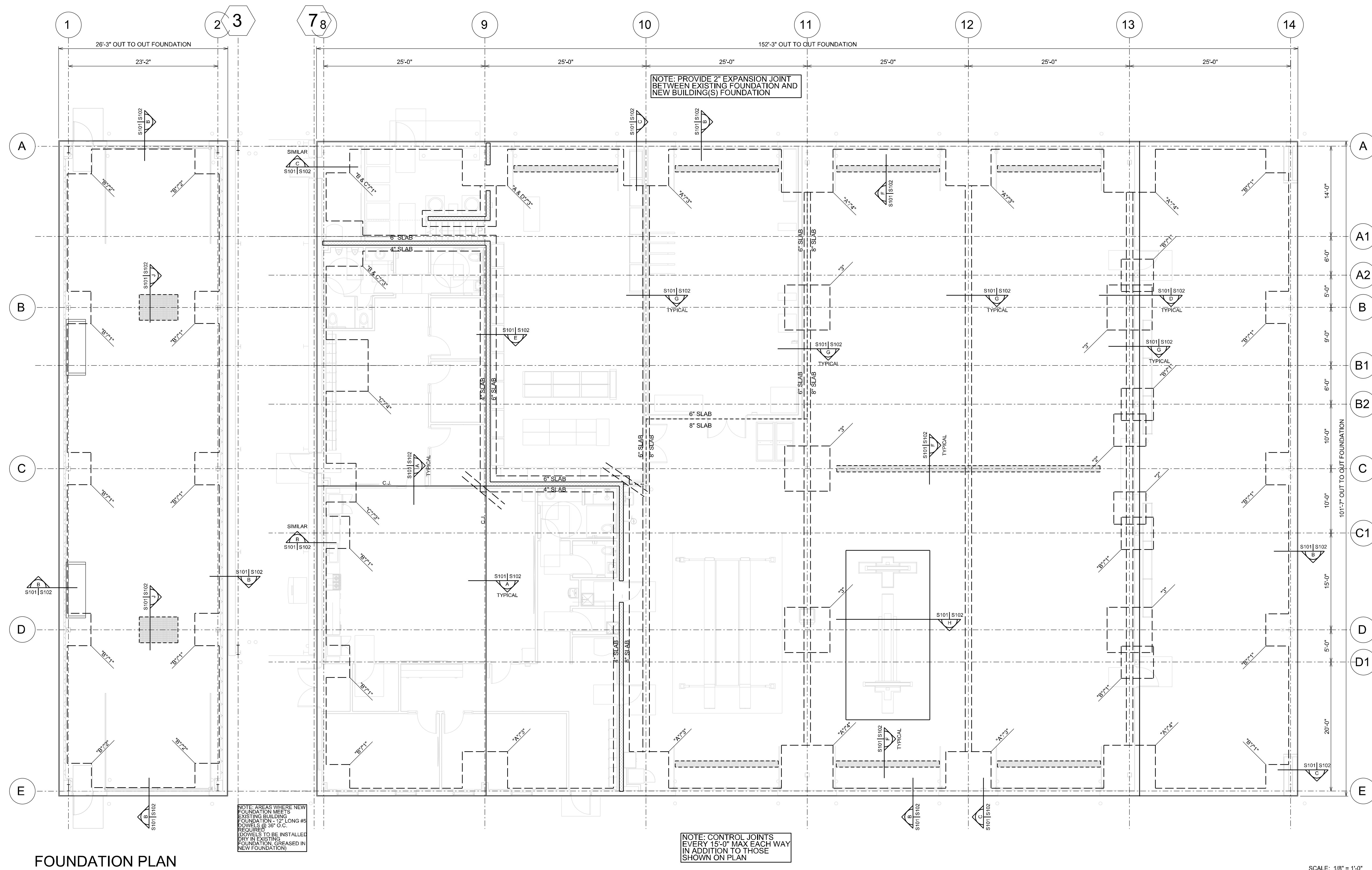
CRAIGHEAD ELECTRIC
MAINTENANCE SHOP ADDITION
4314 STADIUM BLVD.
JONESBORO, ARKANSAS

CONTENTS

STRUCTURAL NOTES

SHEET





STRUCTURAL NOTES/SPECIFICATIONS

A. CONCRETE AND REINFORCING

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH OF ALL CONCRETE AT 28 DAYS SHALL BE 4,000 PSI WITH A WEIGHT OF 145 PCF.
2. MAXIMUM ALLOWABLE w/c RATIO = 0.55
3. MAXIMUM ALLOWABLE SLUMP = 5"
4. NO CHLORIDE ADDITIVES ALLOWED.
5. REINFORCING:
 - BARS: ASTM A615 - GRADE 60, EXCEPT USE GRADE 40 FOR BARS NOTED (IF NOTED), AS FIELD BENT.
 - SHEET PILING: ASTM A185
6. CLEARANCE BETWEEN REINFORCING AND CONCRETE SURFACES WHICH ARE:
 - CAST AGAINST EARTH OR ROCK: 2"
 - FORMED BUT NOT EXPOSED TO WEATHER OR EARTH: 1 1/2"
 - COLUMNS, BEAMS, GIRDERS: 3/4"
 - WALLS, SLABS: 3/4"
7. MAXIMUM WATER/CEMENT RATIO = 0.55 AND MAXIMUM SLUMP OF 5"
8. UNLESS OTHERWISE SHOWN IN THE ARCHITECTURAL DRAWINGS, PROVIDE 3/4" CHAMFERS AT ALL COLUMNS, BEAMS, WALLS, AND SLAB EDGES THAT ARE EXPOSED TO VIEW IN THE FINISHED STRUCTURE.
9. REFER TO ARCHITECTURAL DRAWINGS FOR CONCRETE FINISHES. WHERE FORM FINISH IS NOT SPECIFIED, CONFORM TO REQUIREMENTS OF ACI 301 AS MODIFIED BY THE SPECIFICATIONS.
10. NO GEOTECHNICAL REPORT WAS PROVIDED FOR THIS PROJECT. FOUNDATION DESIGN IS BASED ON A PRESUMED BEARING VALUE OF 1500 PSF AND NO EXPANSIVE CLAYS PRESENT AT THE SITE.
11. "C.J." REPRESENTS CONTROL JOINT. SAWCUT ALL CONTROL JOINTS WITHIN 8 HOURS OF POUR.
12. PROVIDE PLAN (PER ACI RECOMMENDATIONS) FOR COLD (40°F & BELOW) OR HOT (90°F & ABOVE) WEATHER CONCRETE CURING. FOLLOW ACI RECOMMENDATIONS SPECIFIED IN ACI 308R-16 (COLD) & ACI 308R-20 (HOT WEATHER)

FOOTING SCHEDULE

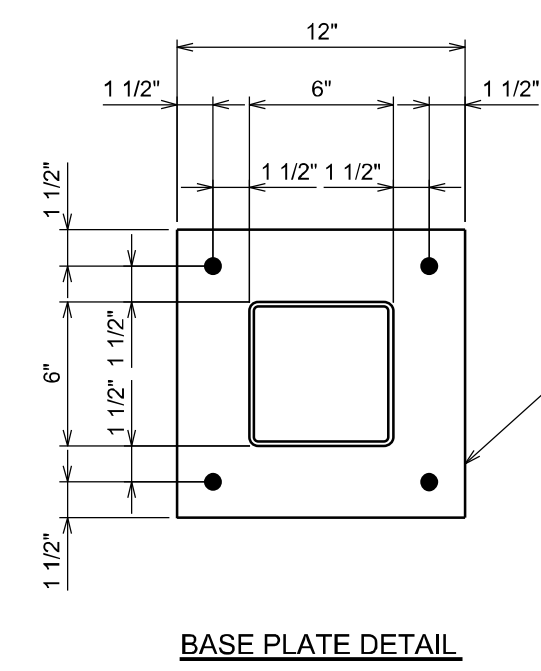
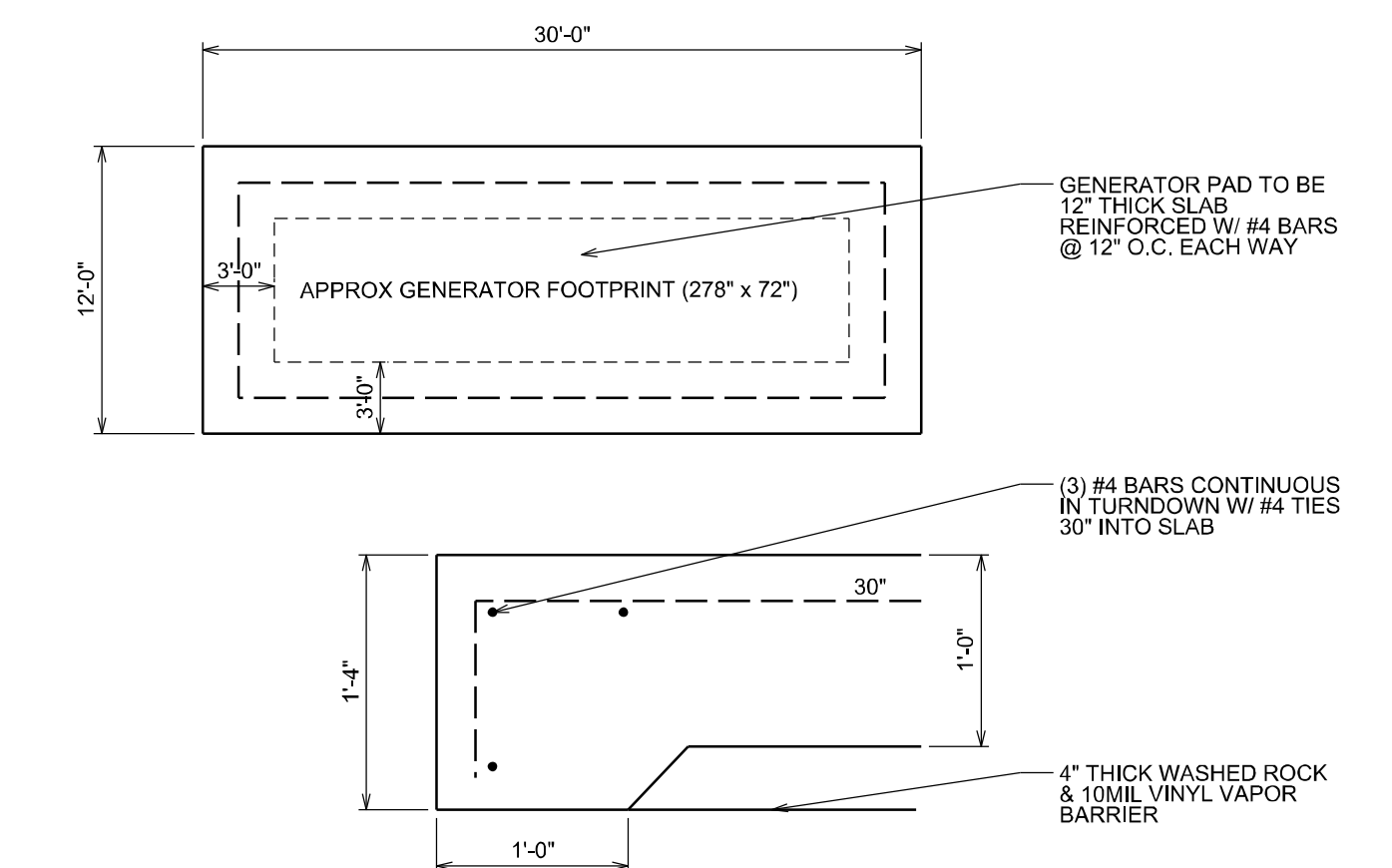
1	5'-0"x5'-0"x2'-0" THK	W(6) - #5 EACH WAY
2	6'-0"x6'-0"x2'-0" THK	W(7) - #5 EACH WAY
3	7'-0"x7'-0"x2'-0" THK	W(8) - #5 EACH WAY
4	8'-0"x8'-0"x2'-0" THK	W(9) - #5 EACH WAY

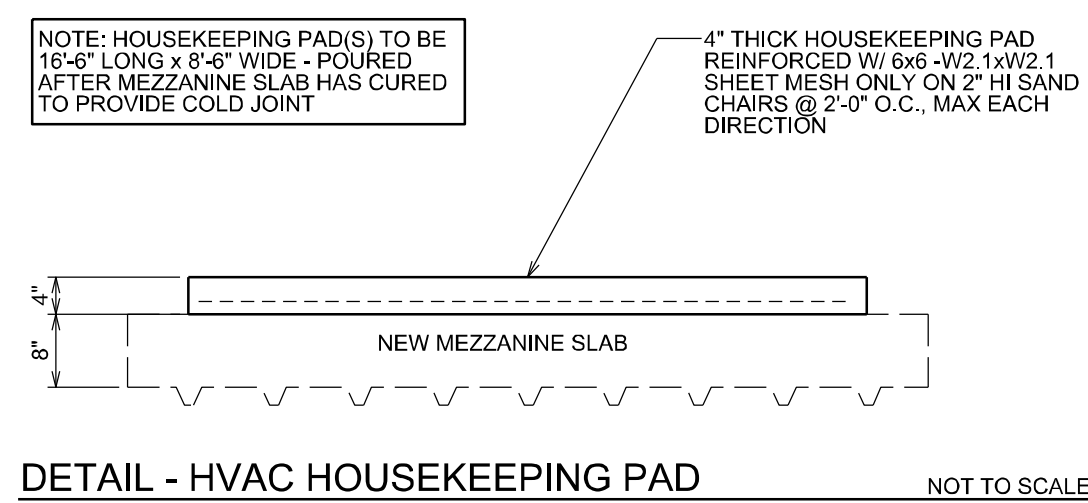
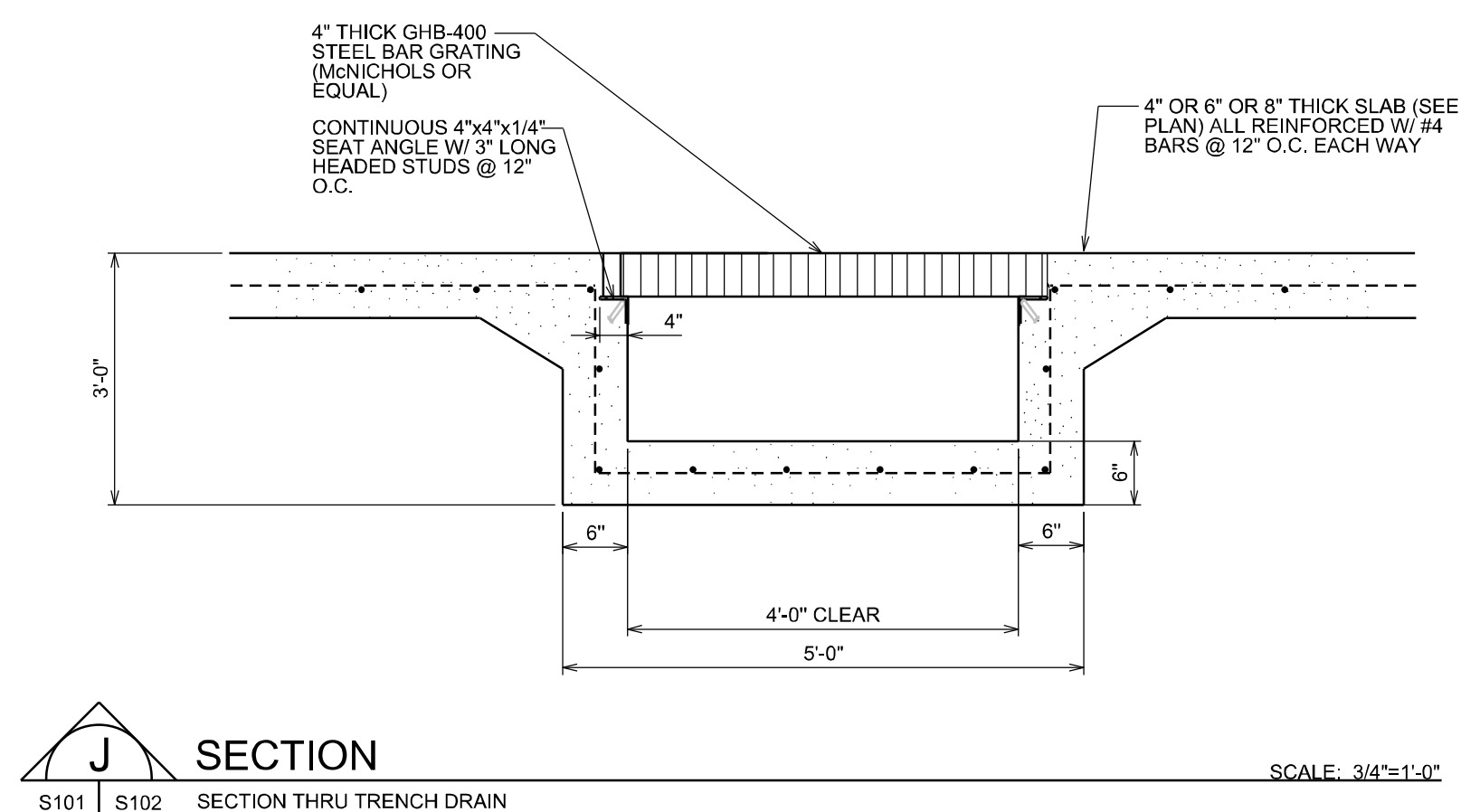
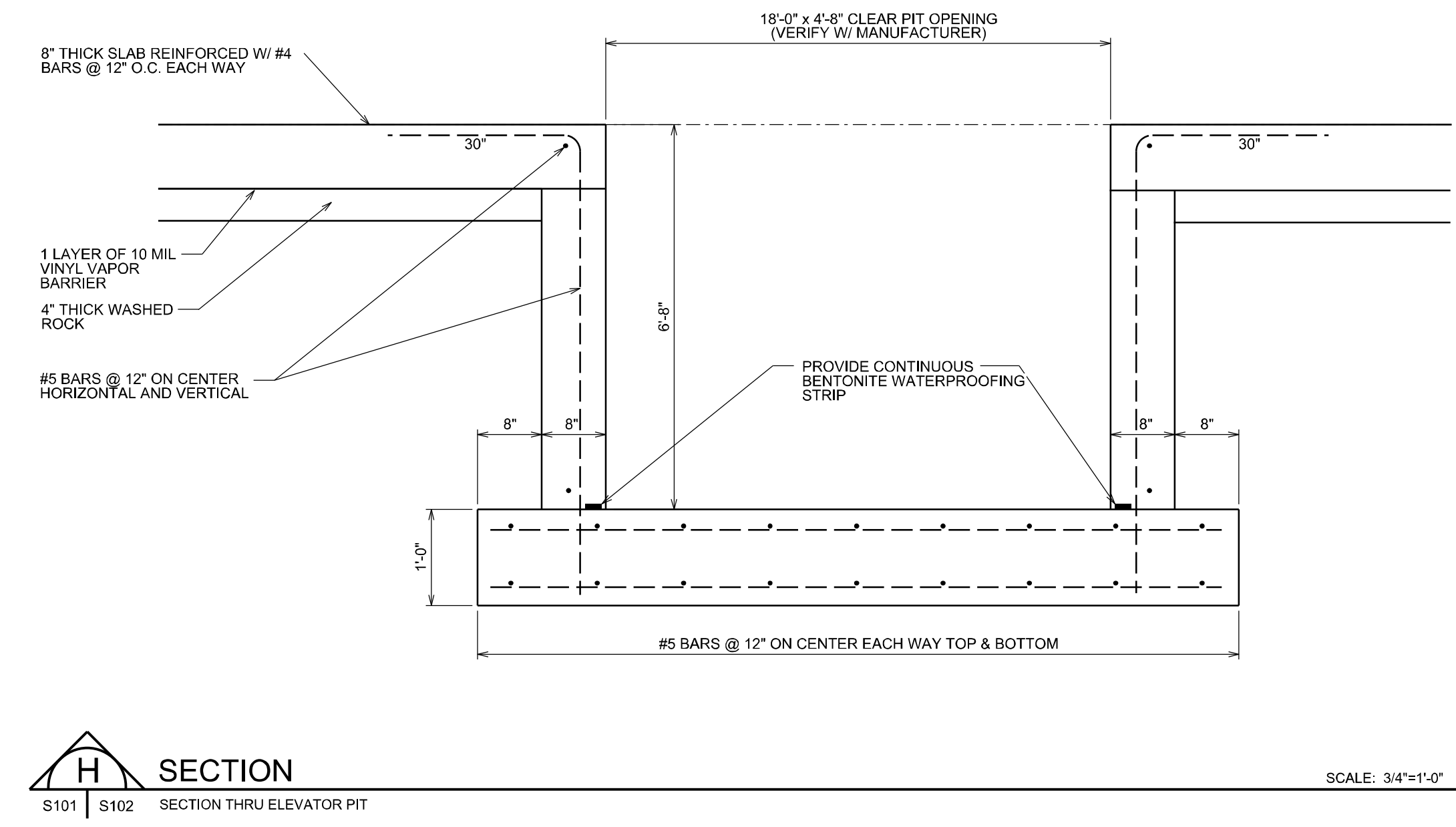
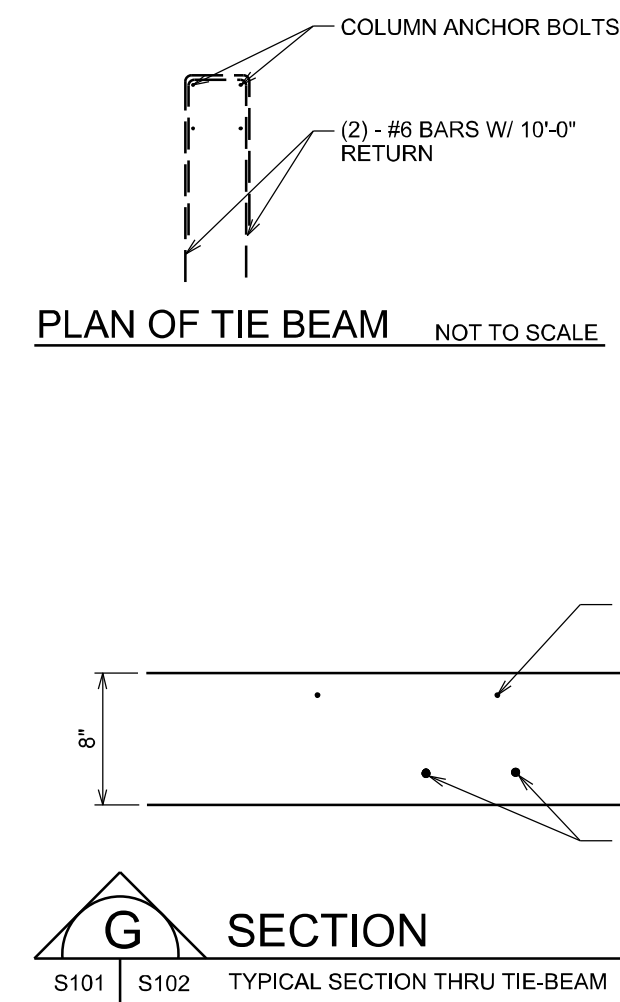
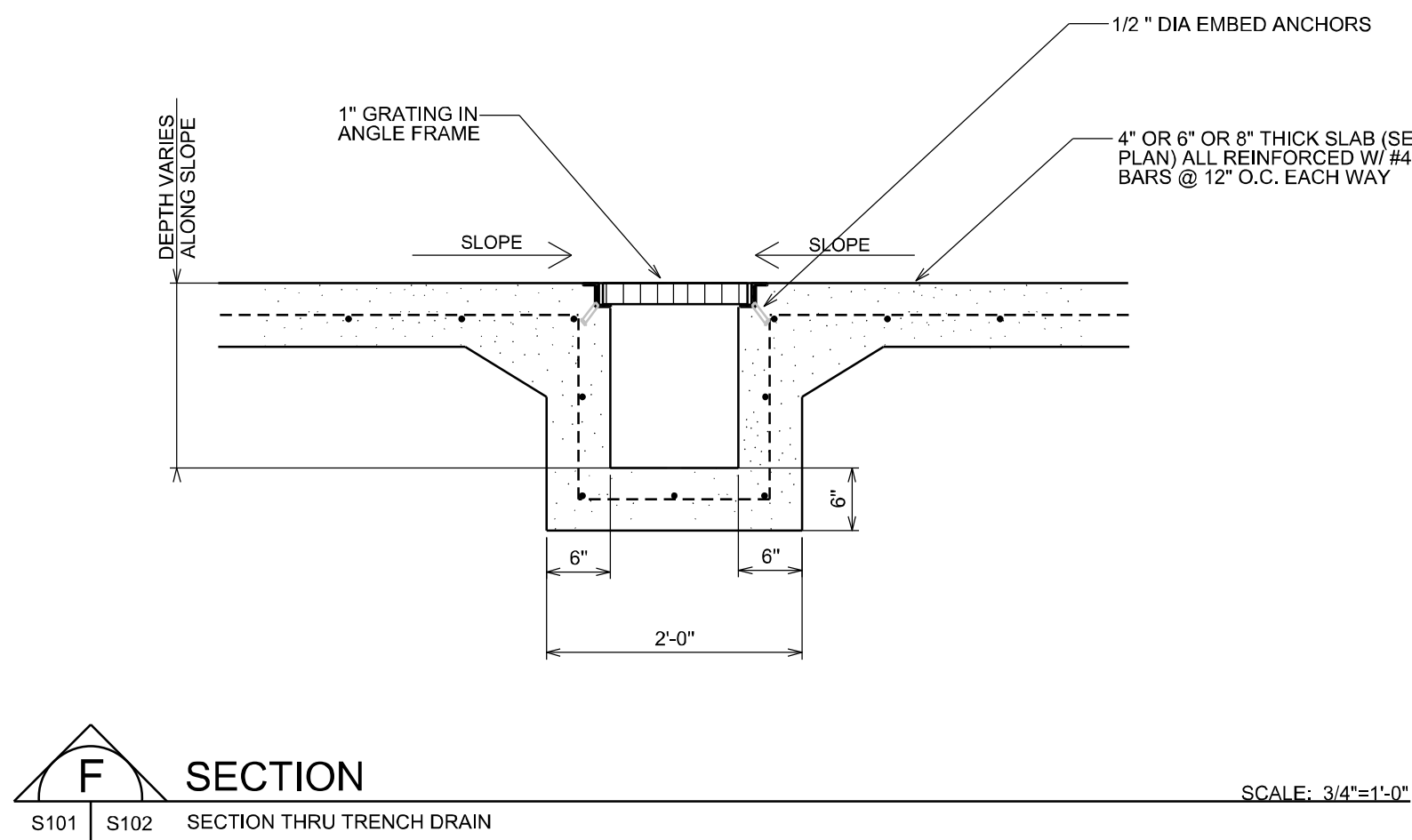
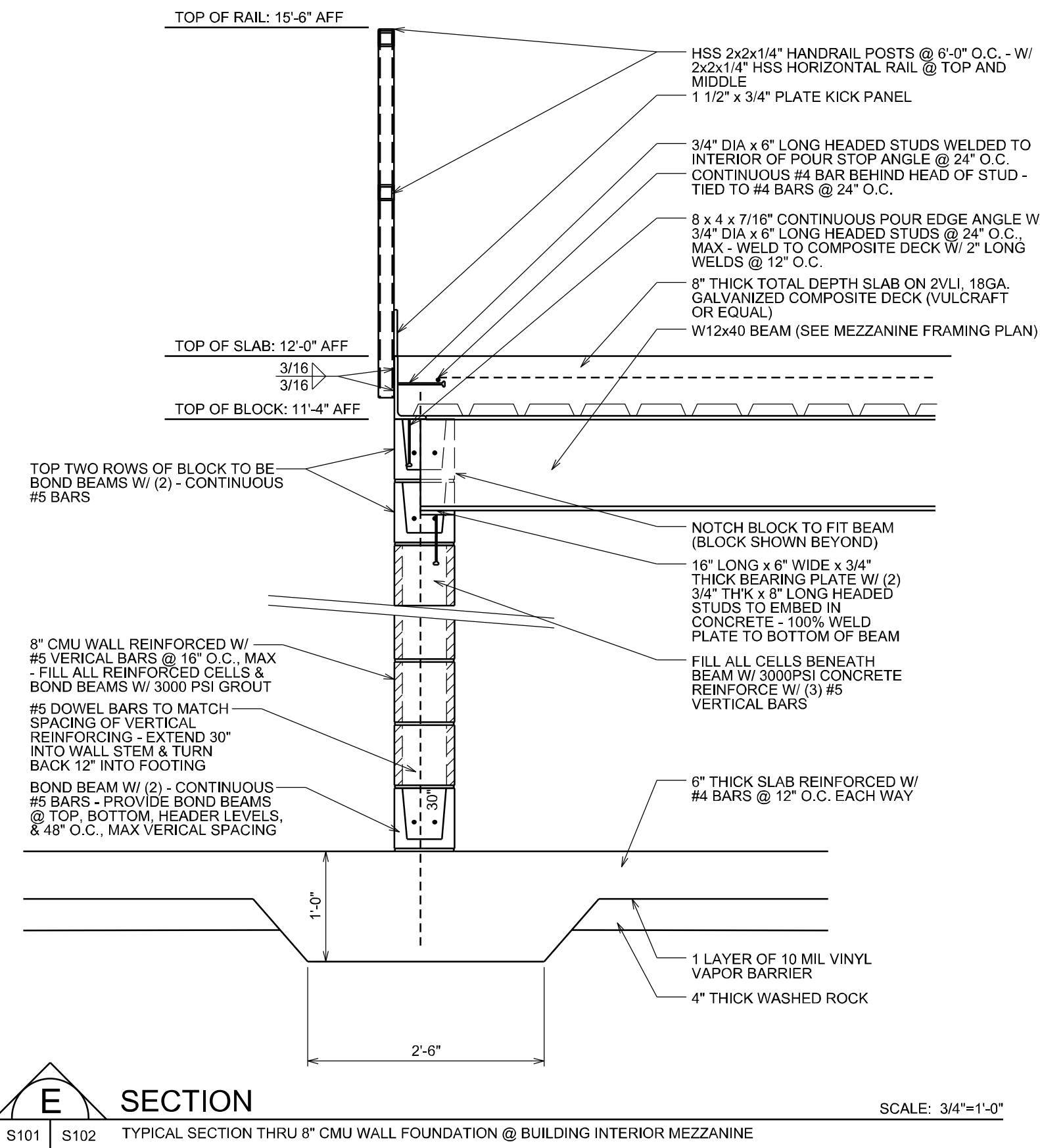
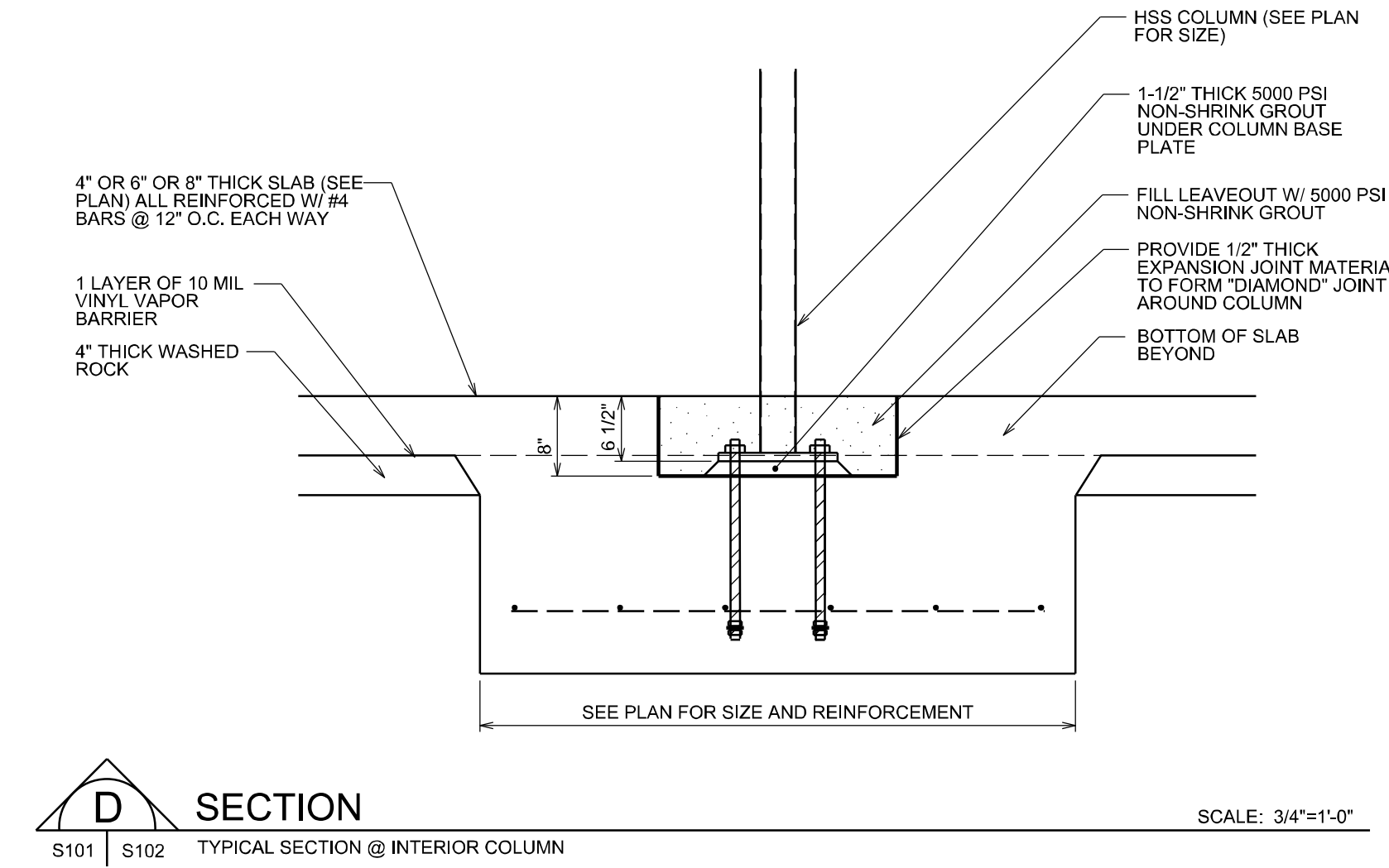
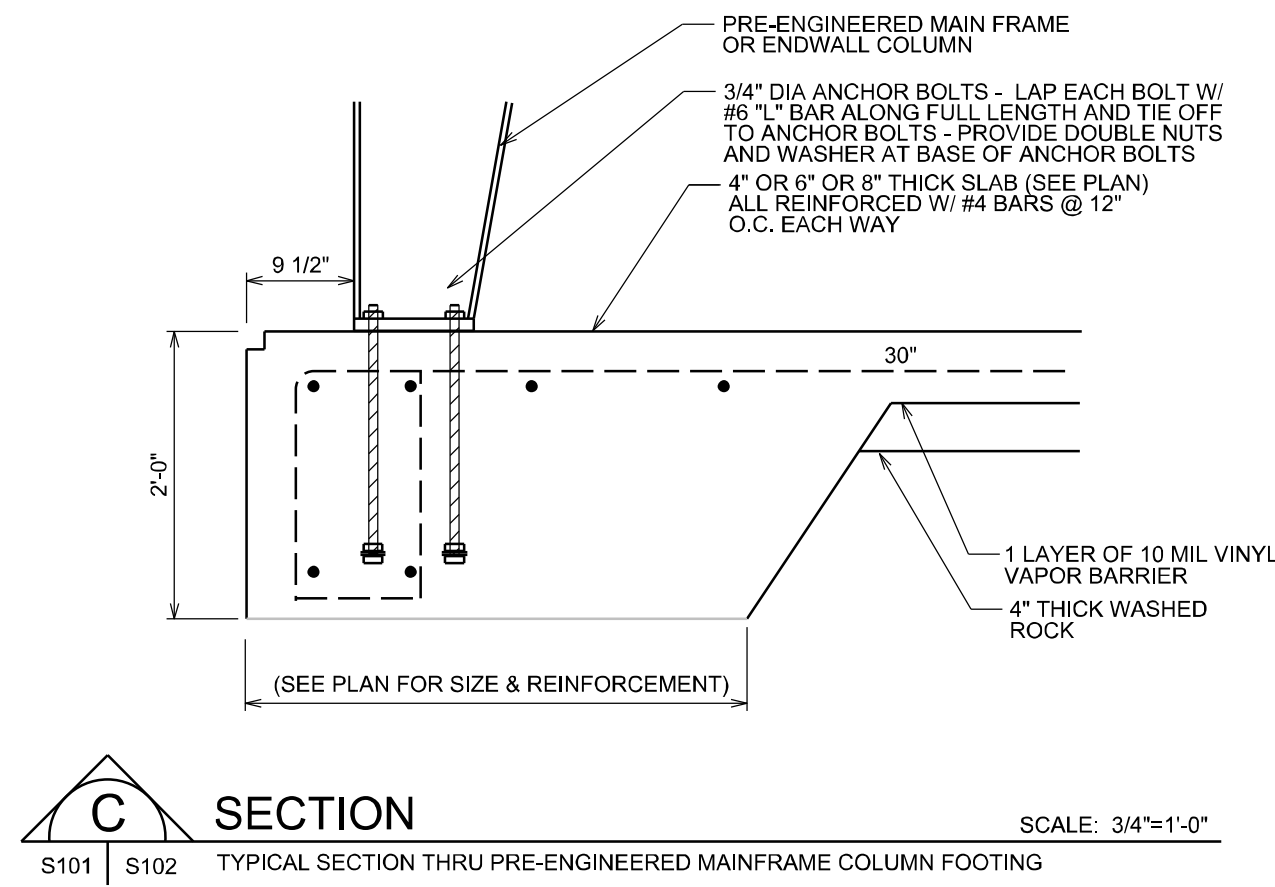
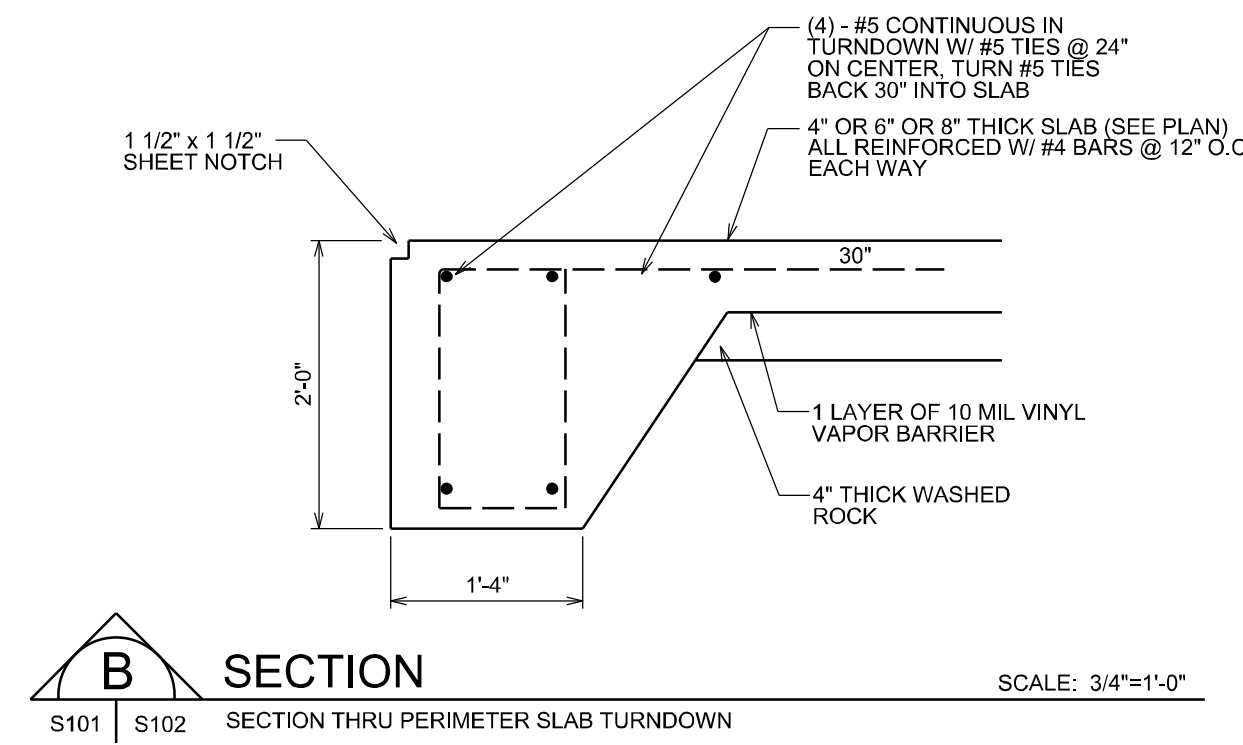
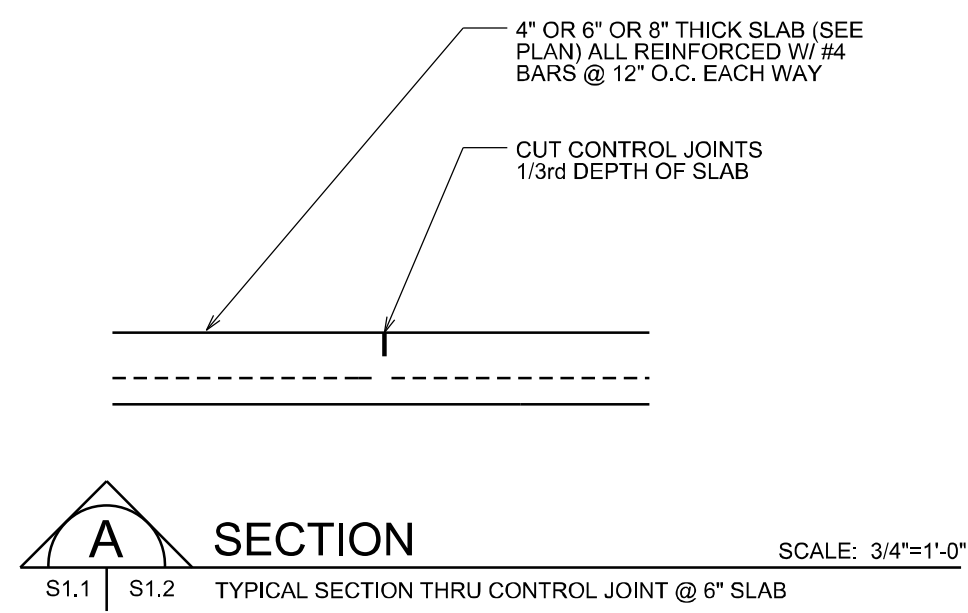
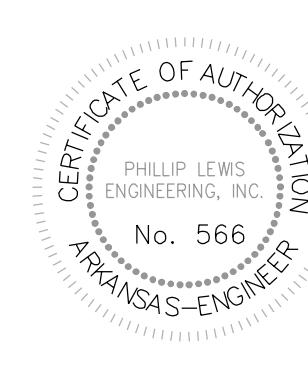
FOOTING COLUMN

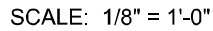
COLUMN SCHEDULE

A	PRE-ENGINEERED MAIN FRAME COLUMN
B	PRE-ENGINEERED ENDWALL COLUMN
C	HSS 8x6x5/8" COLUMN W/ 12"x12"x3/4" THK BASEPLATE
D	HSS 6x6x3/8" COLUMN W/ 12"x12"x3/4" THK BASEPLATE

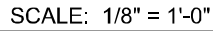
ALL COLUMNS TO HAVE (4) MINIMUM 1/2" DIA ASTM F1554 (GRADE 36) ROD (THREADED AS NEEDED) x 1'-3" LONG WITH DOUBLE NUT AND WASHERS ON BOTTOM OF ANCHOR BOLTS







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





CRAIGHEAD ELECTRIC

MAINTENANCE SHOP ADDITION

4314 STADIUM BLVD.
JONESBORO, ARKANSAS

ISSUE SET
FOR CONSTRUCTION
FEBRUARY 14, 2025

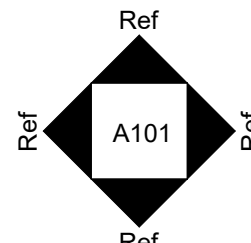


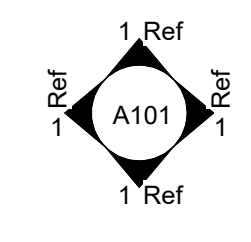

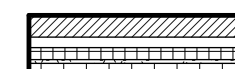
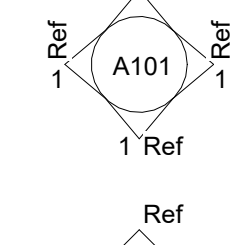


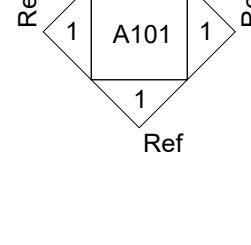
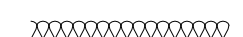

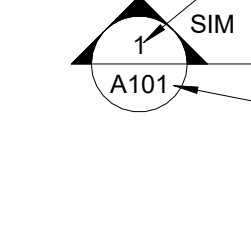
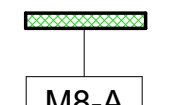
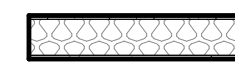
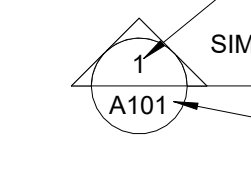
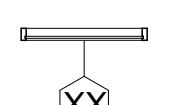
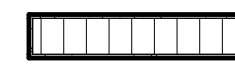
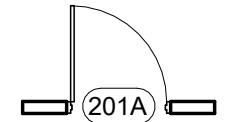
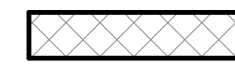
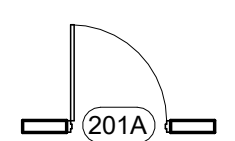

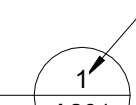
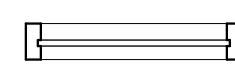



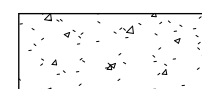
ARCHITECT OF RECORD
WDD ARCHITECTS
5050 NORTHSORE LANE
NORTH LITTLE ROCK, ARKANSAS 72118
PHONE: (501) 376-6681

STRUCTURAL ENGINEER
PHILLIP LEWIS ENGINEERING, INC.
23620 INTERSTATE 30 N
BRYANT, AR 72022
PHONE: (501) 481-8181

MEP ENGINEERS
BATSON INC.
1300 BROOKWOOD DR
LITTLE ROCK, AR 72202
PHONE: (501) 664-3311

CIVIL ENGINEER
ASSOCIATED ENGINEERING, LLC
PO BOX 1462
JONESBORO, AR 72403
PHONE (870)-932-3594

MATERIALS & SYMBOLS LEGEND

 <p>Ref</p> <p>A101</p> <p>Ref</p> <p>Ref</p> <p>Ref</p>	EXTERIOR BUILDING ELEVATION	 <p>CENTERLINE</p>		CONCEALED FASTENER METAL PANEL ON MTL. STUDS WITH CONTINUOUS INSULATION
 <p>1 Ref</p> <p>A101</p> <p>1 Ref</p> <p>1 Ref</p> <p>1 Ref</p>	INTERIOR ELEVATION	 <p>NORTH ARROW</p>		BRICK VENEER ON MTL. STUDS WITH CONTINUOUS INSULATION
 <p>1 Ref</p> <p>A101</p> <p>1 Ref</p> <p>1 Ref</p> <p>1 Ref</p>	CASEWORK ELEVATION	 <p>BATT INSULATION</p>		ACM PANEL TRIM ON MTL. STUDS
 <p>Ref</p> <p>1</p> <p>A101</p> <p>1</p> <p>1</p> <p>Ref</p>	TOILET / ELEVATION	 <p>M8-A</p> <p>WALL TYPE KEY</p>		GYPSUM BOARD ON METAL STUD PARTITION W/ FIRE RESISTANCE RATING
 <p>DETAIL REFERENCE NUMBER</p> <p>BUILDING SECTION</p> <p>DETAIL REFERENCE SHEET</p>		 <p>XX</p> <p>EXTERIOR CURTAINWALL / STOREFRONT TYPE KEY</p>		GYPSUM BOARD ON METAL STUDS
 <p>DETAIL REFERENCE NUMBER</p> <p>WALL SECTION</p> <p>DETAIL REFERENCE SHEET</p>		 <p>XX</p> <p>INTERIOR CURTAINWALL / STOREFRONT TYPE KEY</p>		CONCRETE MASONRY UNIT
		 <p>201A</p> <p>DOOR TYPE KEY</p>		CAST IN PLACE CONCRETE
		 <p>DETAIL REFERENCE NUMBER</p> <p>PLAN / SECTION / DETAIL CALLOUT</p> <p>DETAIL REFERENCE SHEET</p>		
		 <p>REVISION CLOUD & REVISION NUMBER</p>		
			REFER TO SECTIONS AND DETAILS FOR ADDITIONAL INFORMATION	
			 <p>METAL / STEEL / ALUMINUM</p>	 <p>RIGID INSULATION</p>
			 <p>CONCRETE</p>	 <p>MASONRY (BRICK)</p>
			 <p>CONCRETE MASONRY UNIT</p>	 <p>EARTH</p>

ELECTRICAL OUTLET IT / DATA

1'-6"

3'-8"

TYP. ABOVE - COUNTER ELECTRICAL OUTLET

4'-0" MAX.

FIRE EXTINGUISHER CABINET

48" MIN. TO 60" MAX.

TYP. ROOM SIGNAGE AS REQUIRED BY ADA

4'-0"

5°

6'-0" MIN.

3'-6"

5'-0"

ELEVATOR CALL BUTTONS, VISIBLE SIGN & TACTILE SIGN

UL #	DESCRIPTION
U419	PARTITION WITH 1 HOUR FIRE RESISTANCE RATING
U411	
U497	PARTITION WITH 2 HOUR FIRE RESISTANCE RATING
	SHAFT WALL ASSEMBLY WITH 2 HOUR FIRE RESISTANCE RATING
REFER TO INTERIOR PARTITION TYPES FOR ADDITIONAL INFORMATION	

NOTES:

1. TYPICAL RAISED LETTERING, SYMBOLS & BRAILLE
2. CORNERS TO BE SQUARE
3. BACKGROUND COLOR: BENJAMIN MOORE KENDALL CHARCOAL HC-166
4. TEXT COLOR: WHITE
5. MATERIAL: THERMOFORMED ACRYLIC
6. MOUNTING: 3M VHB & SILICONE
7. FONT: META BOOK ROMAN
8. PROVIDE SOLID BACKING FOR GLASS MOUNTED SIGNAGE
9. REF. MOUNTING HEIGHT & LOCATION FOR ROOM SIGNAGE ON SHEET A002.

A1 6" 6" 10" 10" RESTROOM 42"x42"

A2 6" 6" 10" 10" RESTROOM 42"x42"

B 6" 4" 10" 10" CONFERENCE ROOM 123 42"x42" 42"x42" 10"x4" 42"x42"

ROOM NAME PER PLAN -VERIFY BEFORE MANUF.

ROOM NUMBER PER PLAN -VERIFY BEFORE MANUF.

C 6" 4" 2 1/2" 3" 1 1/2" 123 42"x42"

ROOM NUMBER PER PLAN -VERIFY BEFORE MANUF.

CLEAR PLASTIC COVER FOR PAPER SLIDE-IN

D 10 5/8" 11" 10 5/8" 1" 1" EVACUATION

CLEAR PLASTIC COVER FOR PAPER SLIDE-IN

ARCHITECTURAL ABBREVIATIONS
NOTES AND LEGENDS

REVISIONS		
NO.	DATE	DESCRIPTION

DATE _____

T111

2/17/2025 12:58:17 PM Autodesk Docs (Original) Plans Maintenance Shop 24-096_Craighead Elec Maintenance Shop.dwg

OCCUPANCY CALCULATIONS					
OCCUPANCY	AREA	OCCUPANT LOAD FACTOR	AREA OCCUPANCY	EGRESS INCHES PER OCCUPANT	EGRESS INCHES REQ'D
FINISHED FLOOR					
ASSEMBLY	814 SF	15 SF	54	0.20	10.9
BUSINESS	2,256 SF	150 SF	15	0.20	3.0
STORAGE	12,293 SF	300 SF	41	0.20	8.2
MEZZANINE	15,353 SF		110		22.1
STORAGE	1,418 SF	300 SF	5	0.20	0.9
MEZZANINE	1,418 SF		5		0.9
TOTAL	16,771 SF		115		23.0

EGRESS DISTANCES	
EXIT PATH	EXIT PATH DISTANCE
A	81'-4"
B	86'-2"
C	228'-3"
D	29'-6"
E	56'-0"
F	93'-4"

PATH OF EGRESS

#

#

PATH OF EGRESS #

ROOM NUMBER

1 HR FIRE WALL

2 HR FIRE WALL

SOUND RATED WALL

ASSEMBLY AREA ("A" OCCUPANCY)

BUSINESS AREA ("B" OCCUPANCY)

STORAGE AREA ("S1" OCCUPANCY)

F.E.C.

FEC

FIRE EXTINGUISHER

FIRE EXTINGUISHER CABINET

SRC-1: SEMI-RECESSED

WHE-1: WALL HUNG EXTINGUISHER (WITH CLIP OR BRACKET)

DIRECTION OF EGRESS

68'5" CLR

100

340

CLEAR WIDTH OF EGRESS COMPONENT

MAX. EGRESS CAPACITY

ACTUAL OCCUPANT LOAD

ROOM NAME

S-2

100

2

FLOOR AREA (NET OR GROSS AS REQUIRED)

OCCUPANT LOAD

OCCUPANT LOAD FACTOR

OCCUPANCY CLASSIFICATION

PROJECT DESCRIPTION:

THE WORK BEING PERFORMED IN THIS PROJECT IS AN ADDITION TO AN EXISTING TRUCK SHED. THE EXISTING TRUCK SHED HAS < 10% REWORK. THE ADDITION INCLUDES A CONDITIONED MAINTENANCE SHOP WHICH INCLUDES A PARTS ROOM, FAB SHOP, SHOP BAYS, SMALL MEZZANINE, AND AN OFFICE AREA. IN ADDITION THERE IS A SMALL COVERED STORAGE ON THE SOUTH END OF THE NEW ADDITION. ON THE NORTH SIDE OF THE EXISTING TRUCK SHED WILL BE A NEW WASH BAY FOR TRUCKS. BOTH NEW STRUCTURES ARE A PRE-ENGINEERED METAL BUILDING SYSTEM WITH METAL PANEL FINISH.

APPLICABLE CODES:

INCLUDED BUT NOT LIMITED TO THE LATEST ADOPTED ADDITIONS OF THESE CODES AS AMENDED BY THE STATE OF ARKANSAS

2021 ARKANSAS BUILDING CODE

2021 ARKANSAS MECHANICAL CODE

2020 NATIONAL ELECTRIC CODE

2018 ARKANSAS PLUMBING CODE

2021 ARKANSAS FIRE PREVENTION CODE

2020 NATIONAL ENERGY CODE

2018 ARKANSAS FUEL GAS CODE

TYPE OF CONSTRUCTION:

TYPE II-B SPRINKLERED, NUMBER OF STORIES: 1

OCCUPANCY CLASSIFICATION:

GROUP S1 OCCUPANCY

ALLOWABLE AREA:

ALLOWABLE AREA BASED ON 506.2

ALLOWABLE AREA = 70,000 SF PER FLOOR

ALLOWABLE MEZZANINE FLOOR AREA = 2/3 OF ROOM SQ FT

MEZZANINE ROOM LOCATED IN PARTS ROOM 103, 1,269 SQ FT x 2/3 = 846 ALLOABLE SQ FT FOR MEZZANINE

ACTUAL AREA:

FIRST FLOOR SHOP: 13,125 SQ FT

FIRST FLOOR WASH BAY: 2,668 SQ FT

FIRST FLOOR TOTAL: 15,793 SQ FT

MEZZANINE LEVEL: 832 SQ FT

EGRESS:

PER 1005.3.1 STAIRS WIDTH (2" PER OCCUPANT (SPRINKLERED))= 2' X 5 OCCUPANTS = 1' OR 36" MIN.

PROVIDED STAIR WIDTH = 1 EGRESS STAIRS @ 36" EA = 36" TOTAL STAIR EGRESS WIDTH FROM MEZZANINE LEVEL

EGRESS WIDTH REQUIREMENTS (OTHER/NONSTAIR) - SECTION 1005.3.2

CORRIDOR RATING - TABLE 1020.2 = 0

COMMON PATH OF TRAVEL (MAX) - TABLE 106.2.1 = 100 FT

EXIT AND EXIT ACCESS TRAVEL DISTANCE - TABLE 1017.2 = 290' (SPRINKLERED)

DEAD END CORRIDORS < 60' PER 1020.5

PORTABLE FIRE EXTINGUISHERS:

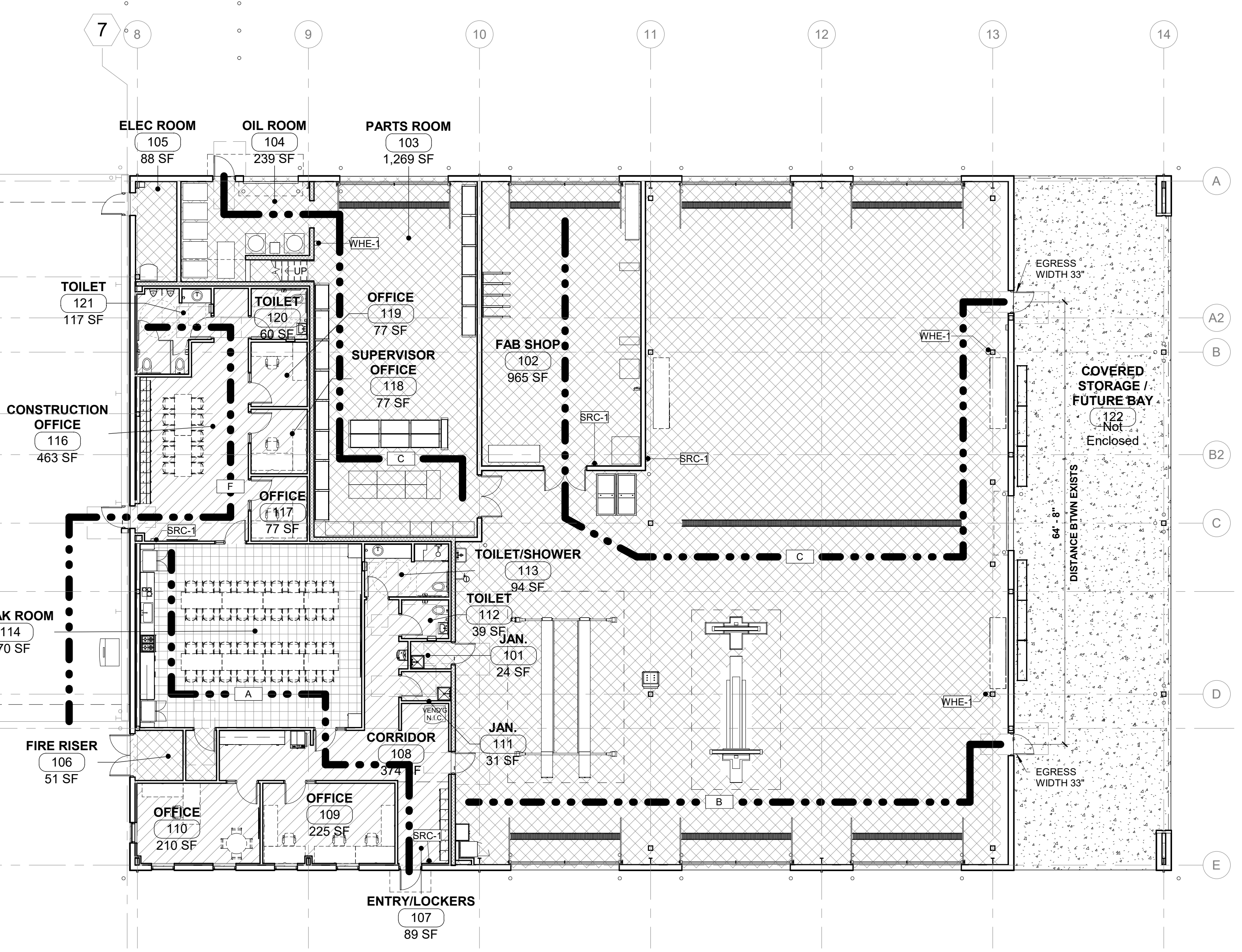
906.3(1) IBC CLASS A FIRE HAZARD (LIGHT) - MAX TRAVEL DISTANCE 75'

PLUMBING FIXTURE COUNT							
	OCCUPANCY LOAD	WATERCLOSETS		LAVATORIES		DRINKING FOUNTAINS	SERVICE SINK
		MALE	FEMALE	MALE	FEMALE		
ASSEMBLY	59	0.24	0.46	.15	.15	.12	
BUSINESS	14	.28	.28	.18	.18	.14	
STORAGE (S-1)	46	.23	.23	.23	.23	.05	
TOTAL	119	.75	.97	.56	.56	.31	
REQUIRED		1	1		1	1	1
PROVIDED			2		2	1	2

PLUMBING FIXTURE NOTES:

1. PER TABLE 403.1 OF 2018 ARKANSAS PLUMBING CODE

2. PER SECTION 403.2, WHERE PLUMBING FIXTURES ARE REQUIRED, SEPARATE FACILITIES SHALL BE PROVIDED FOR EACH SEX.

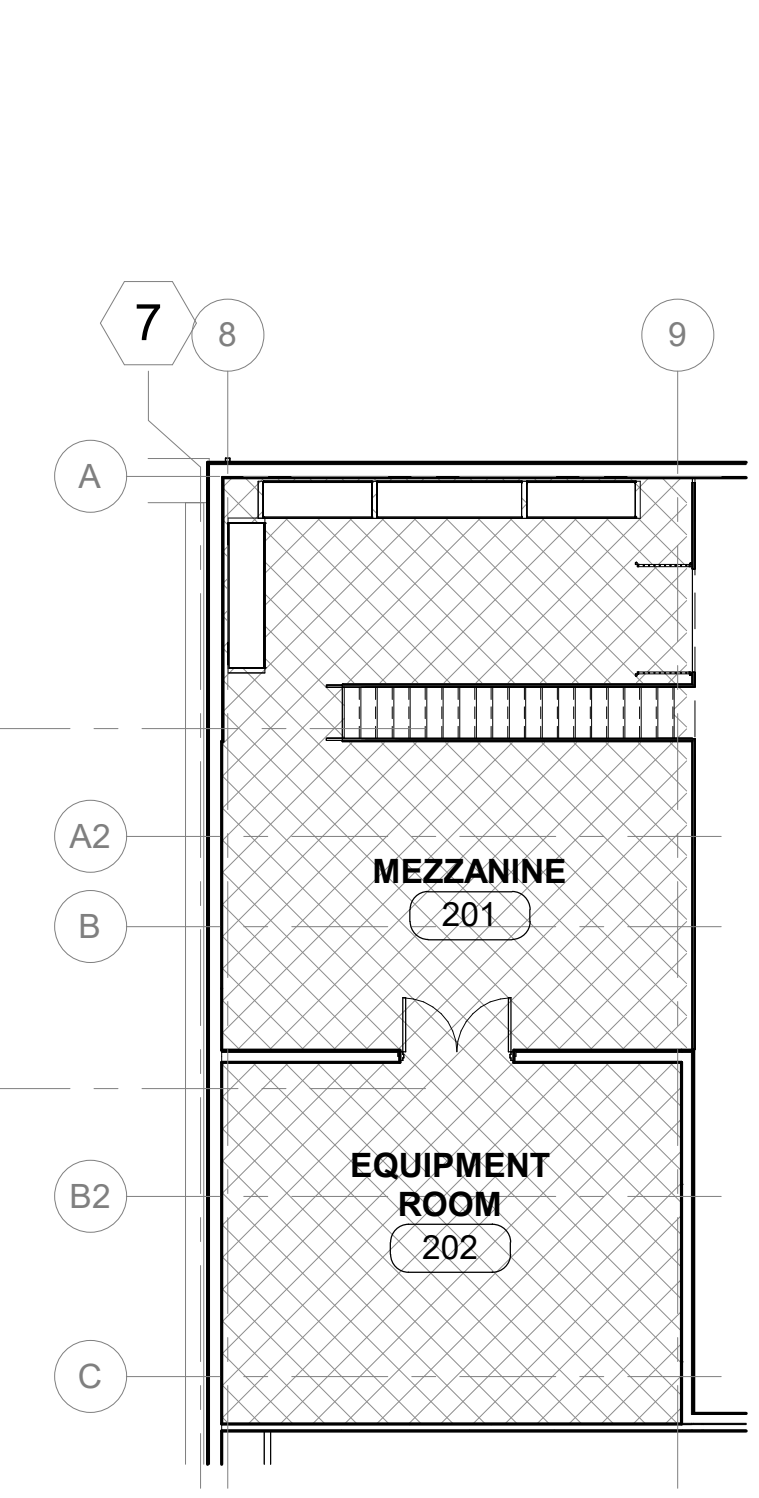


1

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

2

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



WDD

ARCHITECTS

REGISTERED ARCHITECT

WILLIAM B. DELONY

DAVIDSON, INC.

2-14-15

ARKANSAS

CRAIGHEAD ELECTRIC

MAINTENANCE SHOP ADDITION

4314 STADIUM BLVD.

JONESBORO, ARKANSAS

PROJECT TITLE

CONTENTS

REVISIONS

SHEET

NO.

DATE

DESCRIPTION

24-096

JOB. NO.

02.14.2025

DATE

ISSUE

T120