

KEYNOTE LEGEND		SHEET NOTES
KEYNOTE	DESCRIPTION	
32.02	CHAINLINK FENCING	
32.03	ROLLING CHAINLINK GATE	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

ARCHITECTURAL SITE PLAN

NO.	DATE	DESCRIPTION
1	03/06/25	ADD #1

24-096

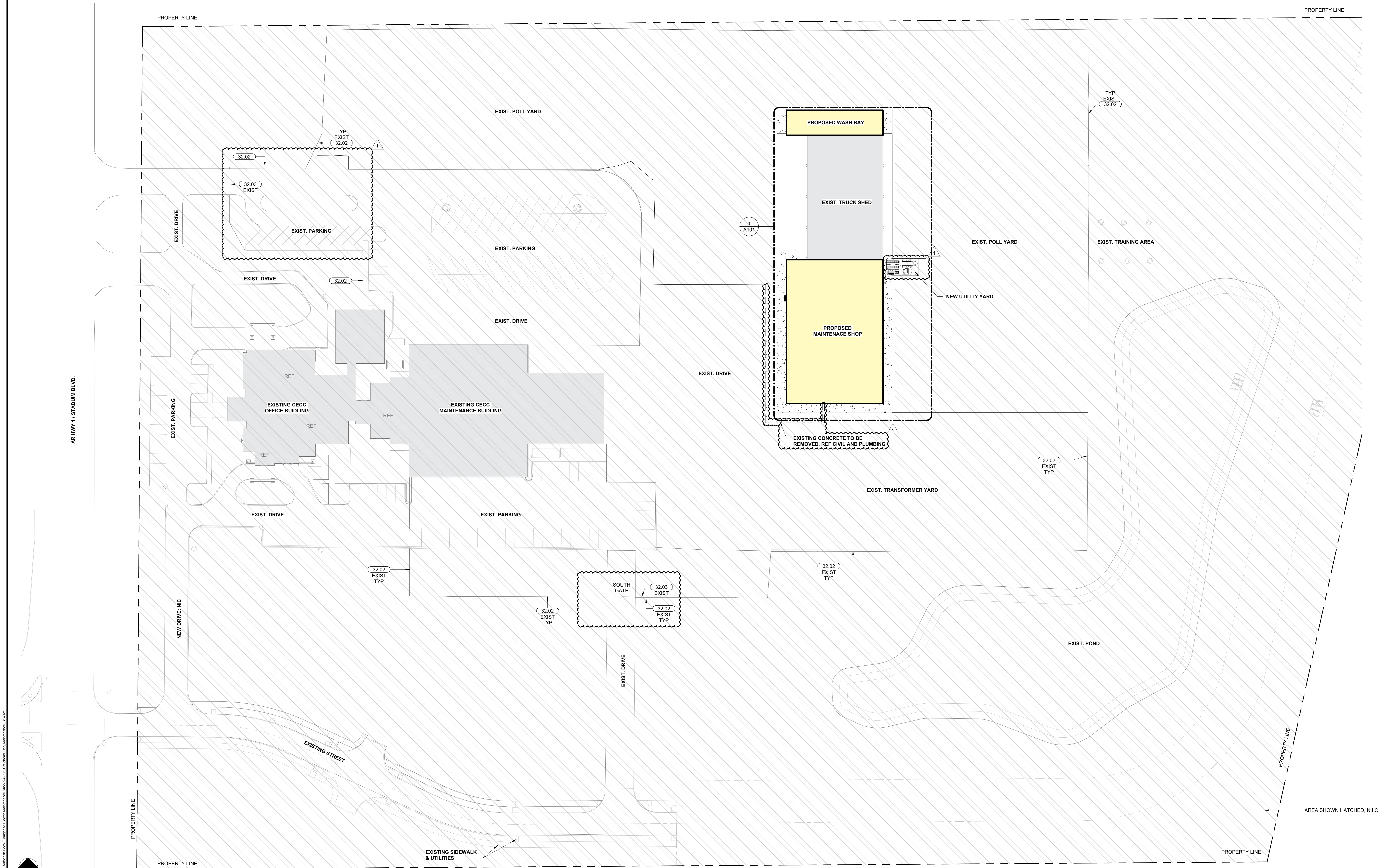
JOB. NO.

02.14.2025

DATE

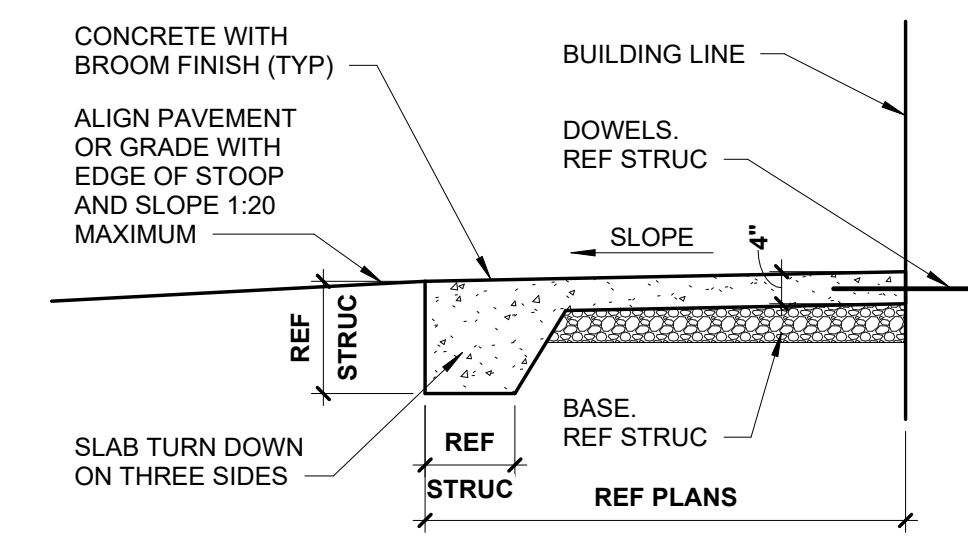
ISSUE

A100

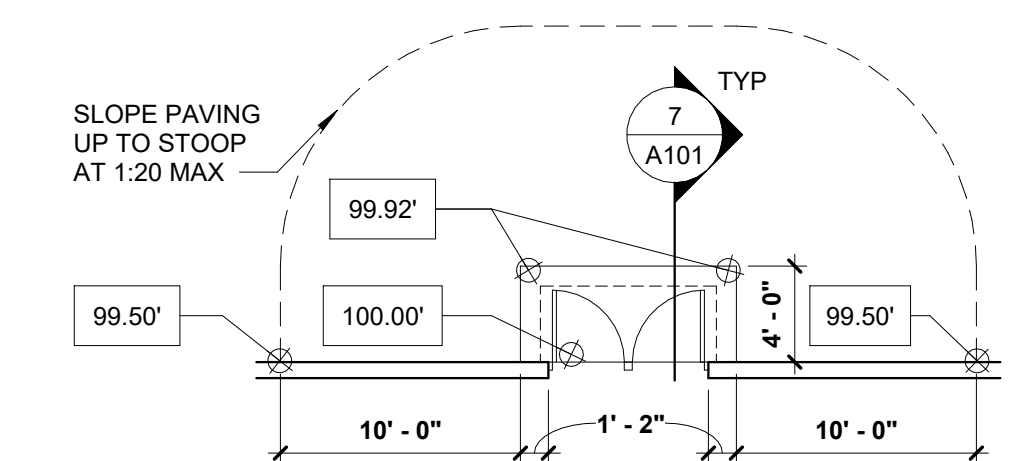


1 ARCHITECTURAL SITE PLAN
1" = 40'-0"

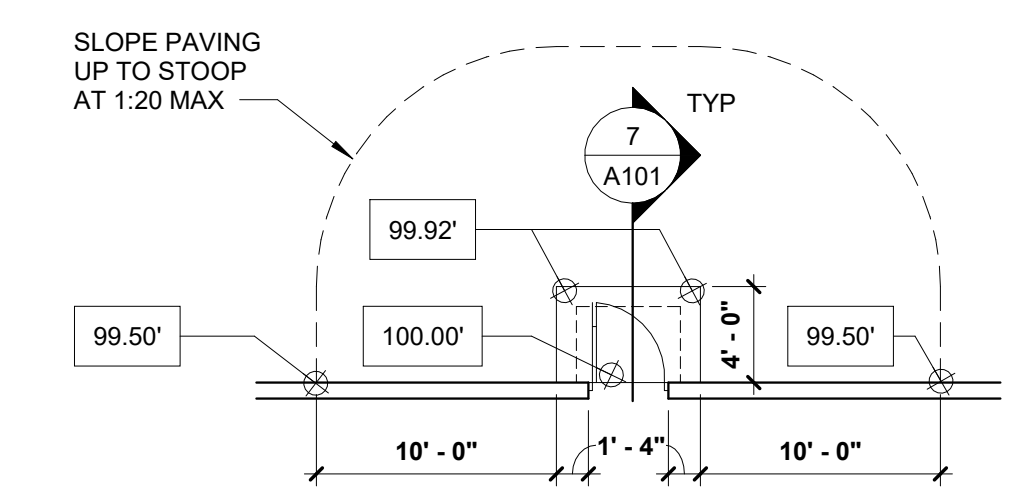
COLOR LEGEND		KEYNOTE LEGEND		SHEET NOTES
TAG	COLOR	KEYNOTE	DESCRIPTION	1. CONTRACTOR TO COORDINATE DEMOLITION WORK SEQUENCE. REFERENCE PHASING DRAWINGS WHERE APPLICABLE. 2. FOR FINISH INFORMATION, REF A510
P-4	SAFETY YELLOW	07.01	PREFINISHED DOWNSPOUT	
		32.01	6" DIA, 30" HIGH CONCRETE FILLED GALVANIZED STEEL, REF 3 / A101	



7 STOOP SECTION
1/2" = 1'-0"

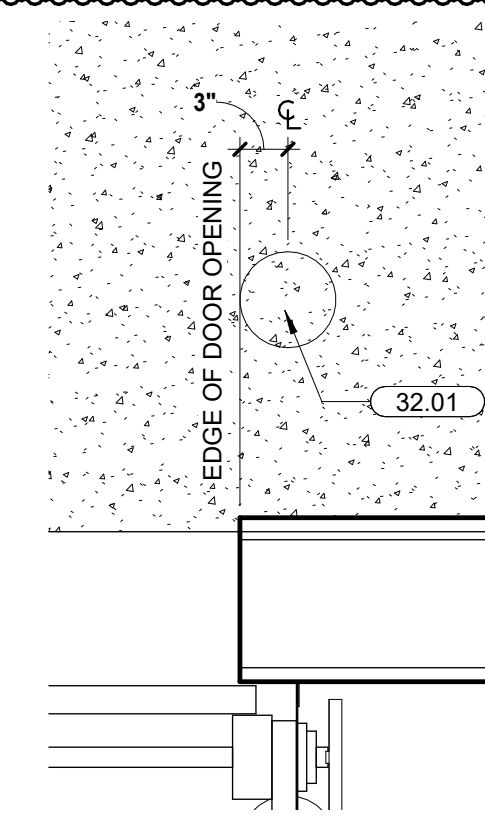


DOUBLE DOOR

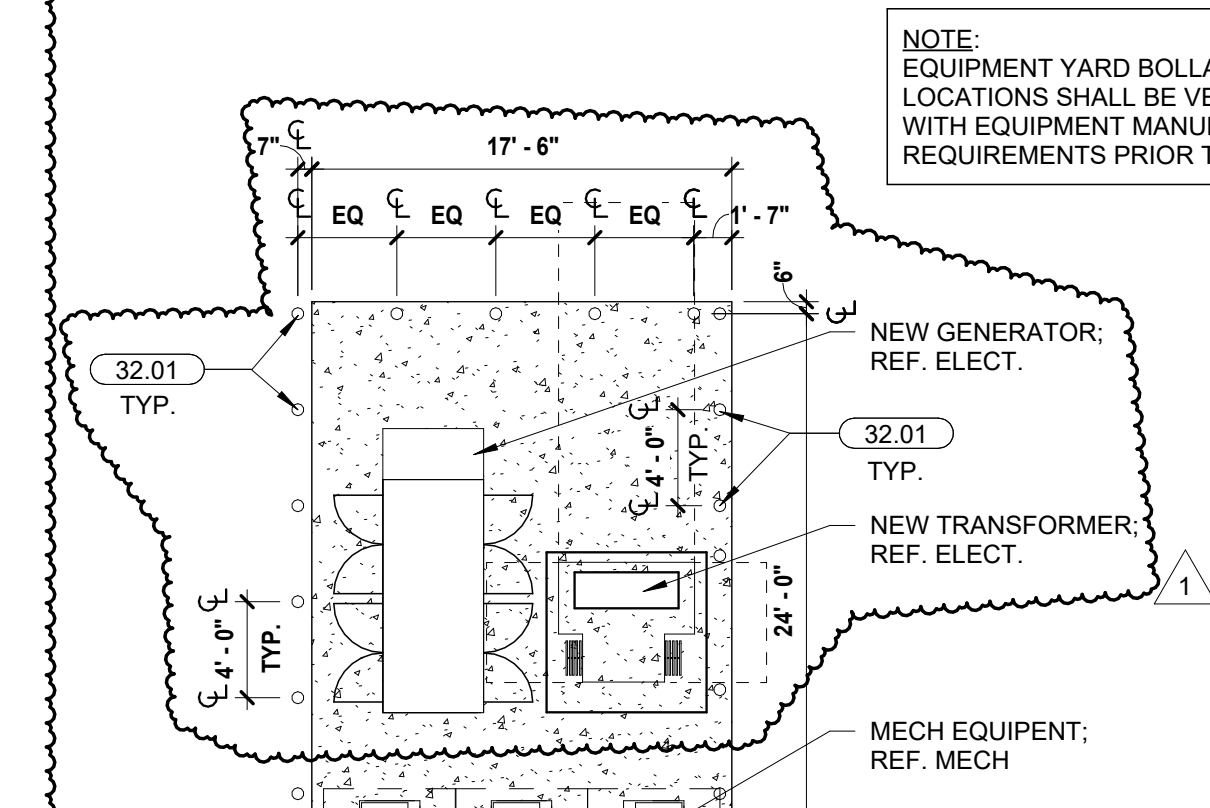


SINGLE DOOR

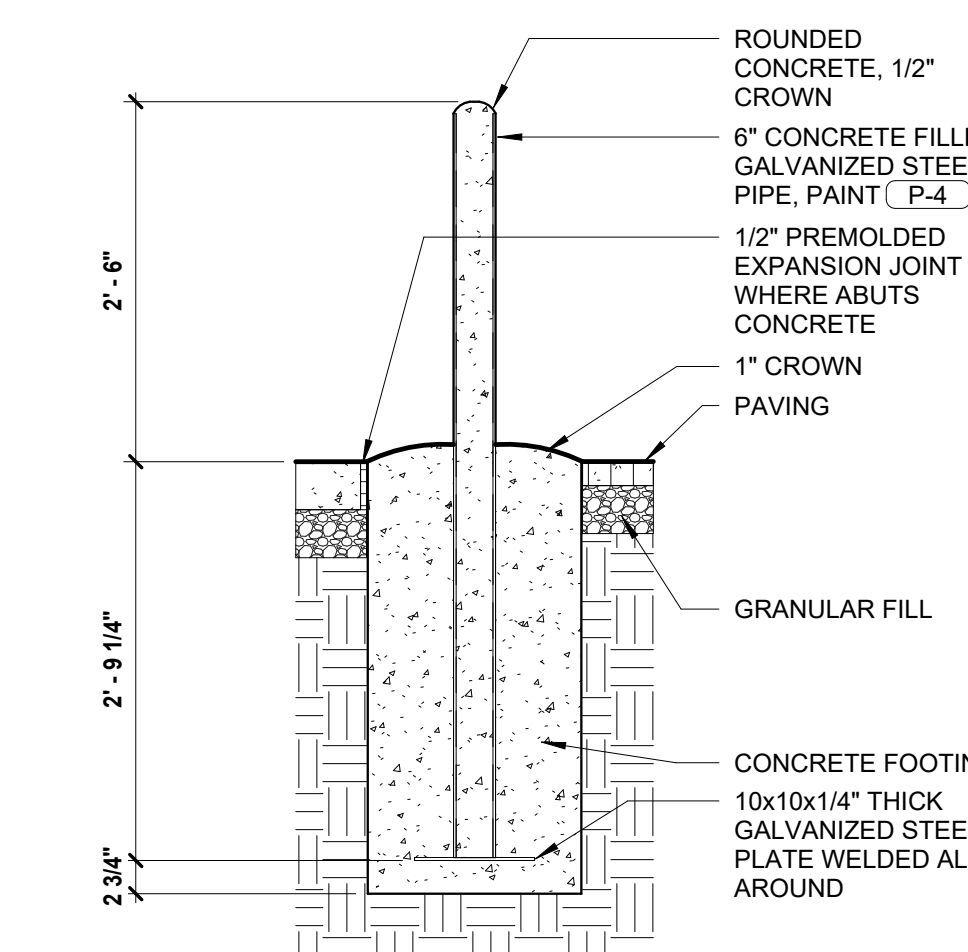
1. SPOT ELEVATIONS INDICATED ARE TYPICAL UNLESS OTHERWISE NOTED ON PLAN
2. SPOT ELEVATIONS AT OUTSIDE EDGE OF SLOPED PAVING ARE MINIMUMS AND MAY BE HIGHER DUE TO EXISTING SITE CONDITIONS



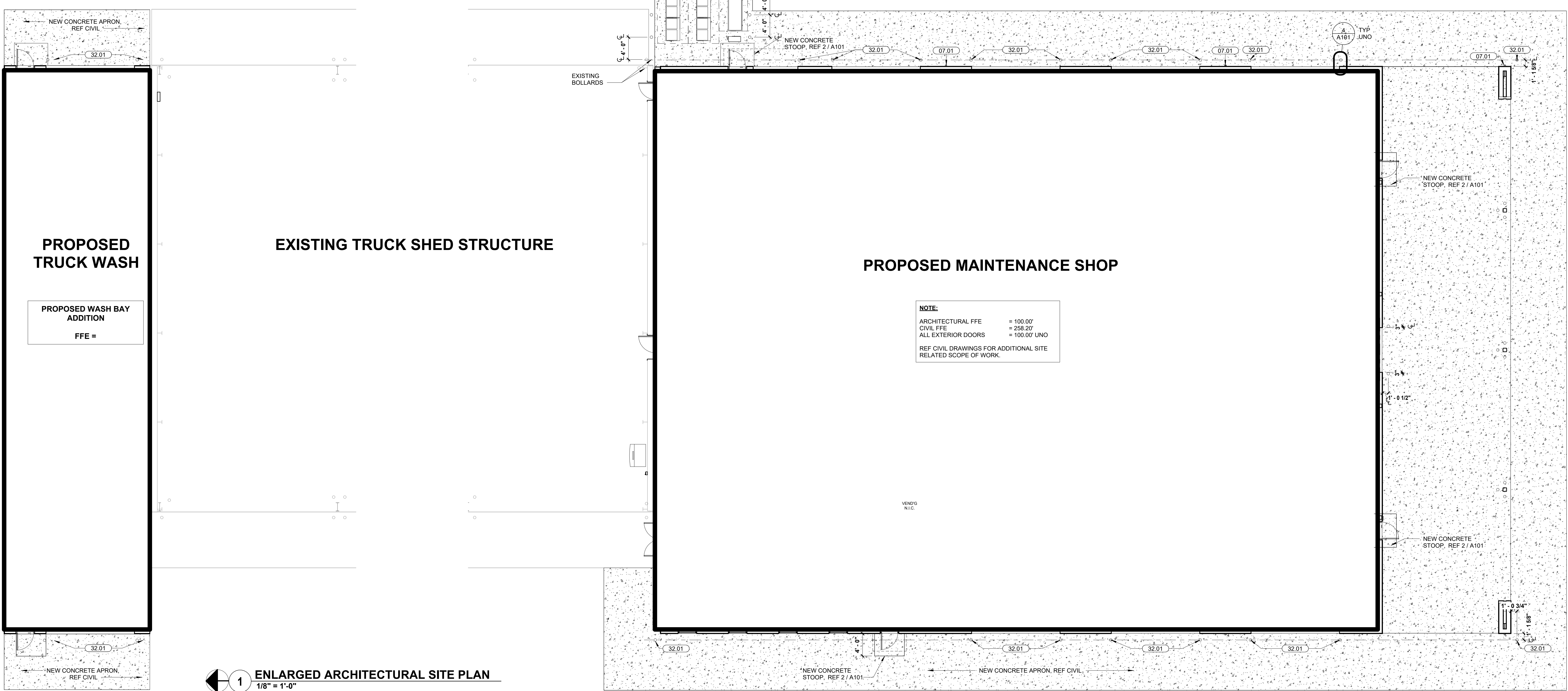
4 ENLARGED PLAN
1" = 1'-0"



NOTE:
EQUIPMENT YARD BOLLARD
LOCATIONS SHALL BE VERIFIED
WITH EQUIPMENT MANUFACTURE
REQUIREMENTS PRIOR TO INSTALL.



3 SITE DETAIL - BOLLARD @ BUILDING
3/4" = 1'-0"



 **1** **ENLARGED ARCHITECTURAL SITE PLAN**
1/8" = 1'-0"

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

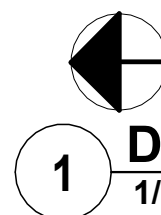
ENLARGED ARCHITECTURAL SITE PLAN AND SITE DETAILS

NO.	DATE	DESCRIPTION
1	03/06/25	ADD #1

24-096
JOB. NO.
02.14.2025
DATE

ISSUE
A101

03/2025 12:52 PM
Armed, Don't Touch! Electric Maintenance Shop 12.095, Englewood City, Arkansas 72424



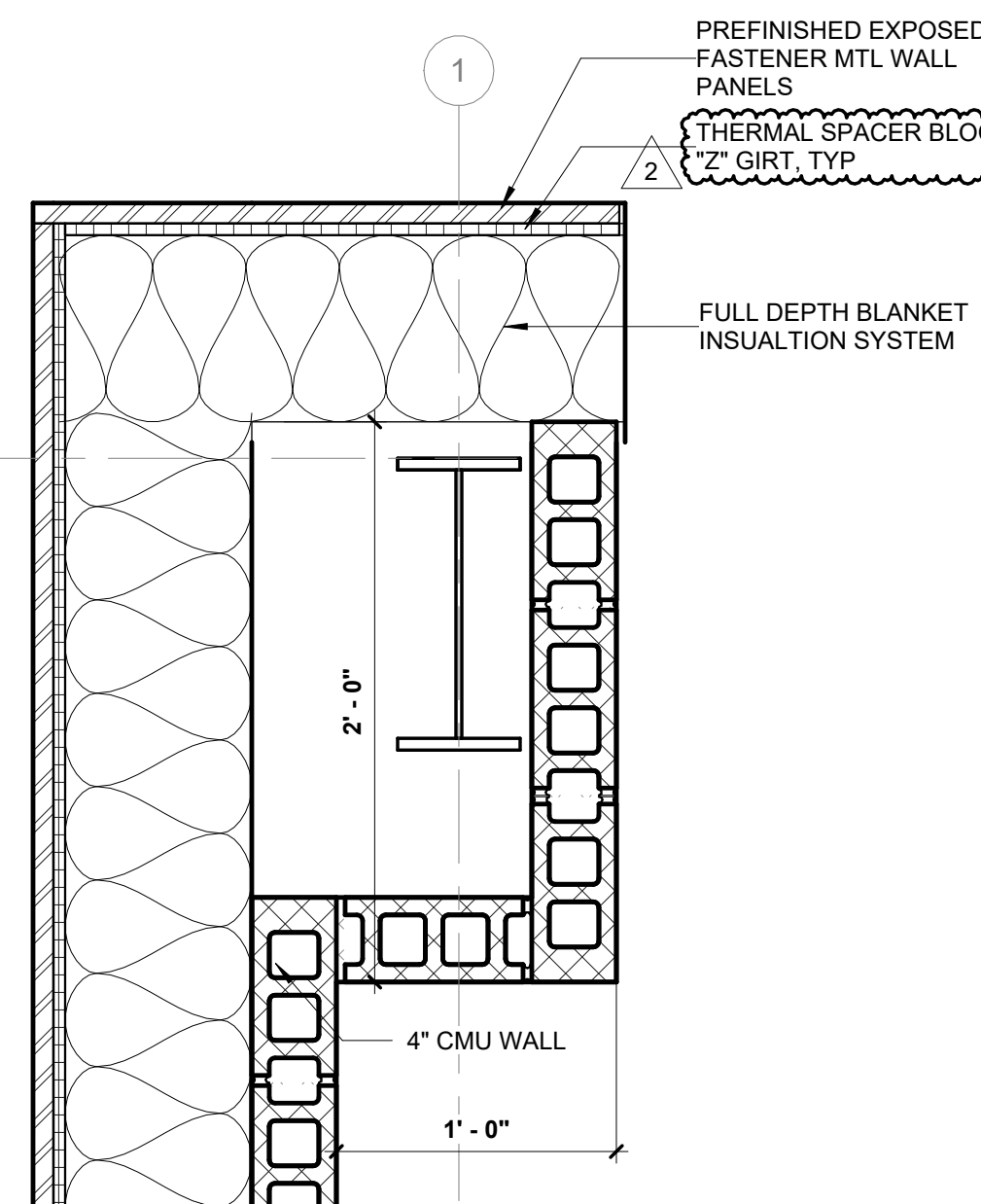
1 DIMENSIONED FLOOR PLAN

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.

REVISIONS

NO.	DATE	DESCRIPTION
1	03/06/25	ADD #1
2	04/03/25	POST BID ADD #1

24-096

JOB. NO.

02.14.2025

DATE

ISSUE

A110

SHEET

CONTENTS

DIMENSIONED FLOOR PLAN

PROJECT TITLE

CRAIGHEAD ELECTRIC MAINTENANCE SHOP ADDITION

4314 STADIUM BLVD.
JONESBORO, ARKANSAS



4/20/2025 2:32 PM A:\2025\Don't\Craighead Electric Maintenance Shop 12.096_Engined Elec Maintenance Shop.rvt

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.
22.03	PIT DRAIN, REF PLUMB AND STRUC.
32.01	6" DIA, 30" HIGH CONCRETE FILLED GALVANIZED STEEL, REF 3 / A101



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

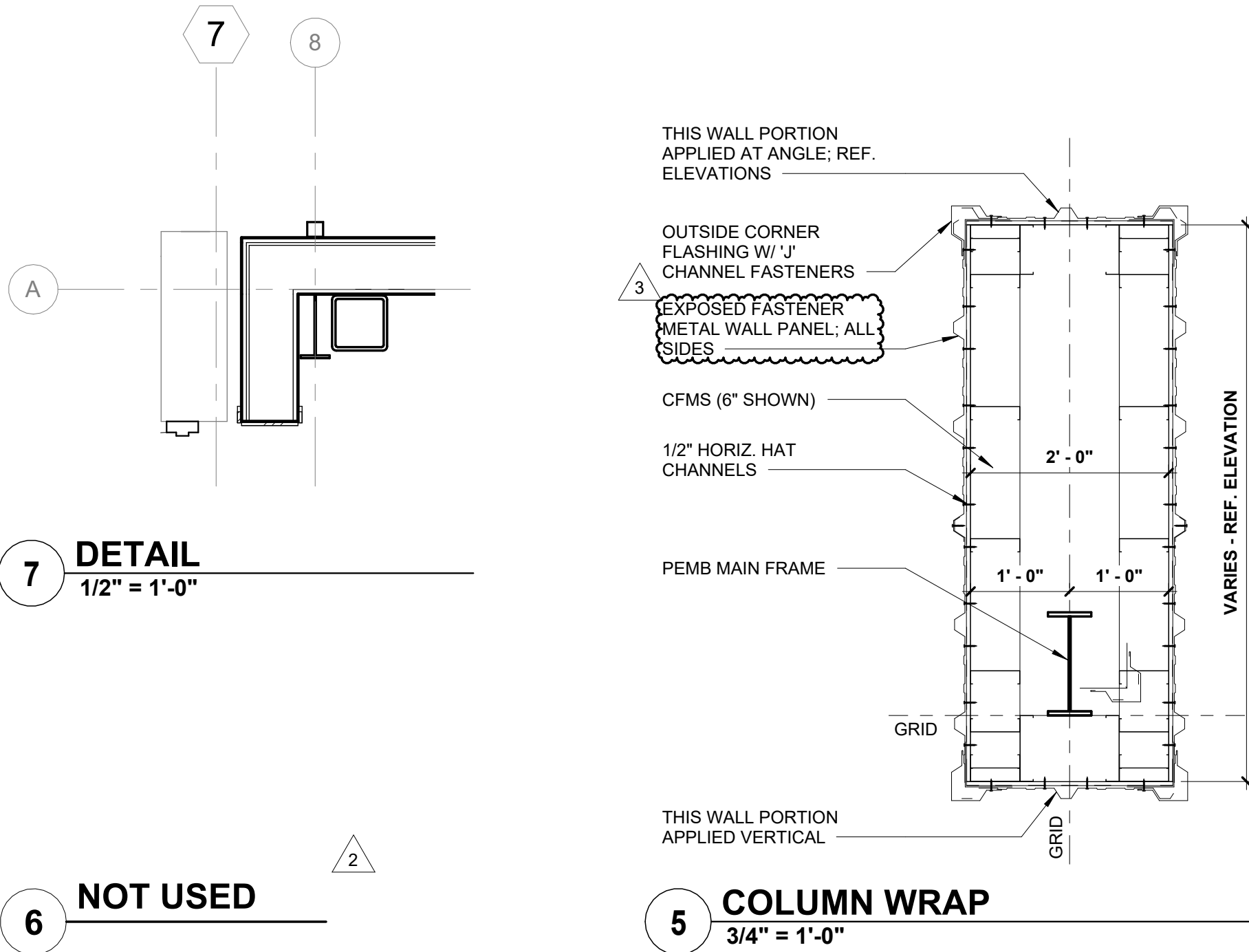
PROJECT TITLE

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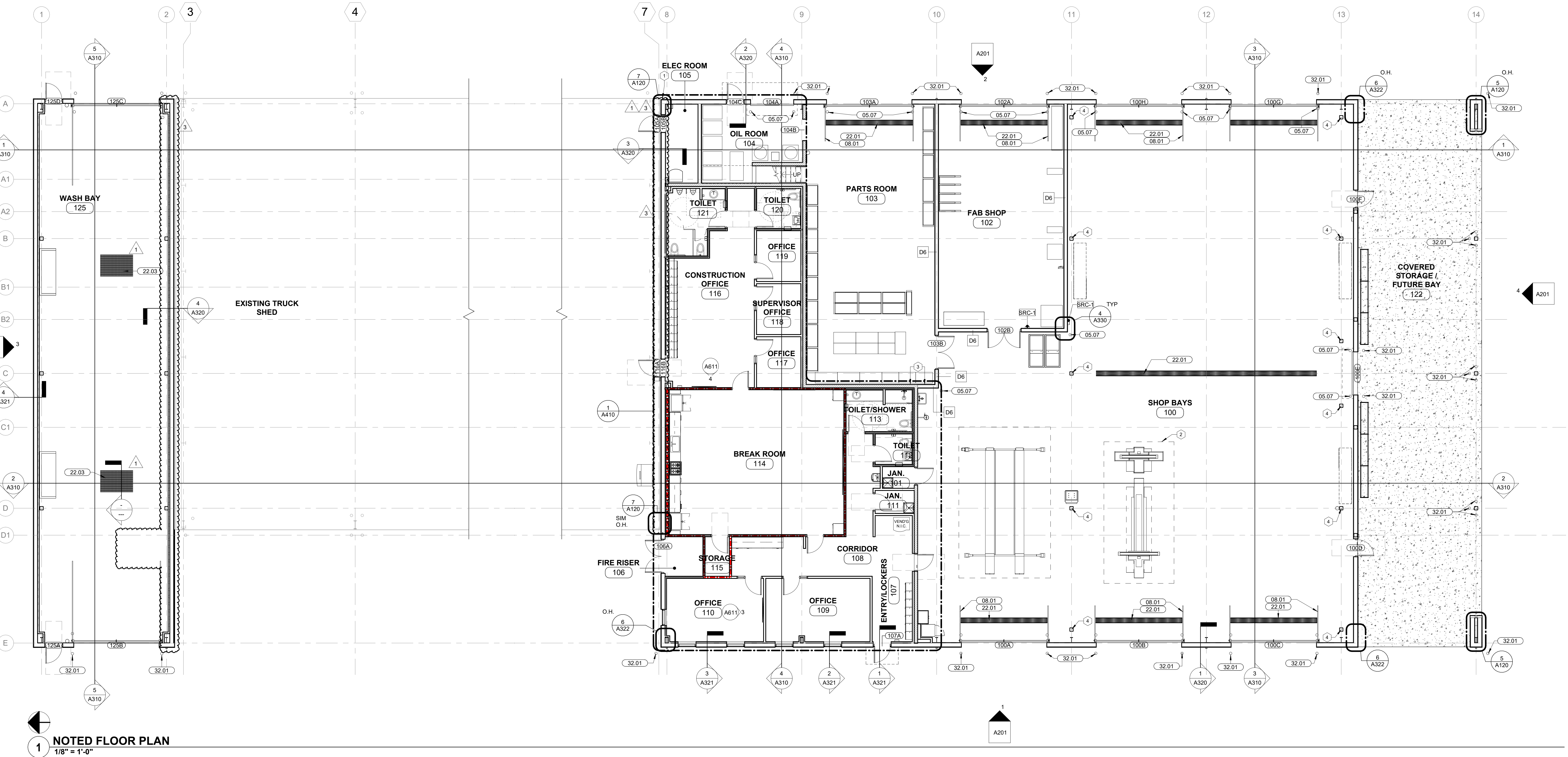
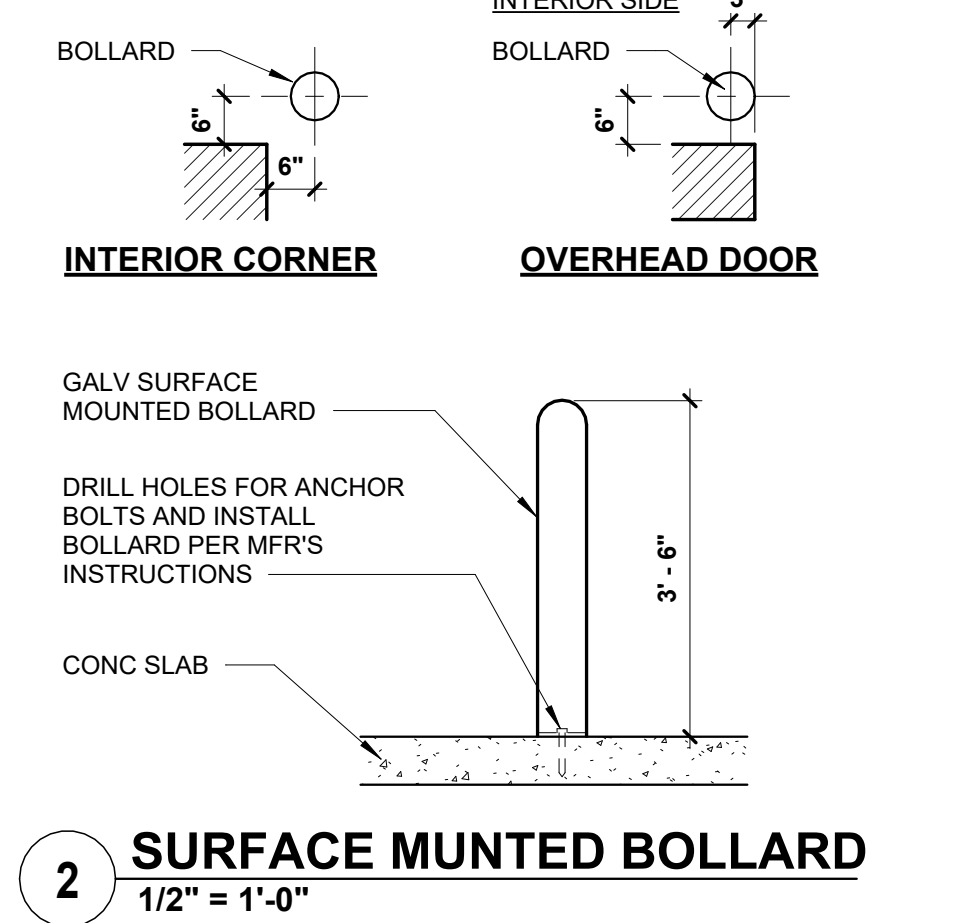
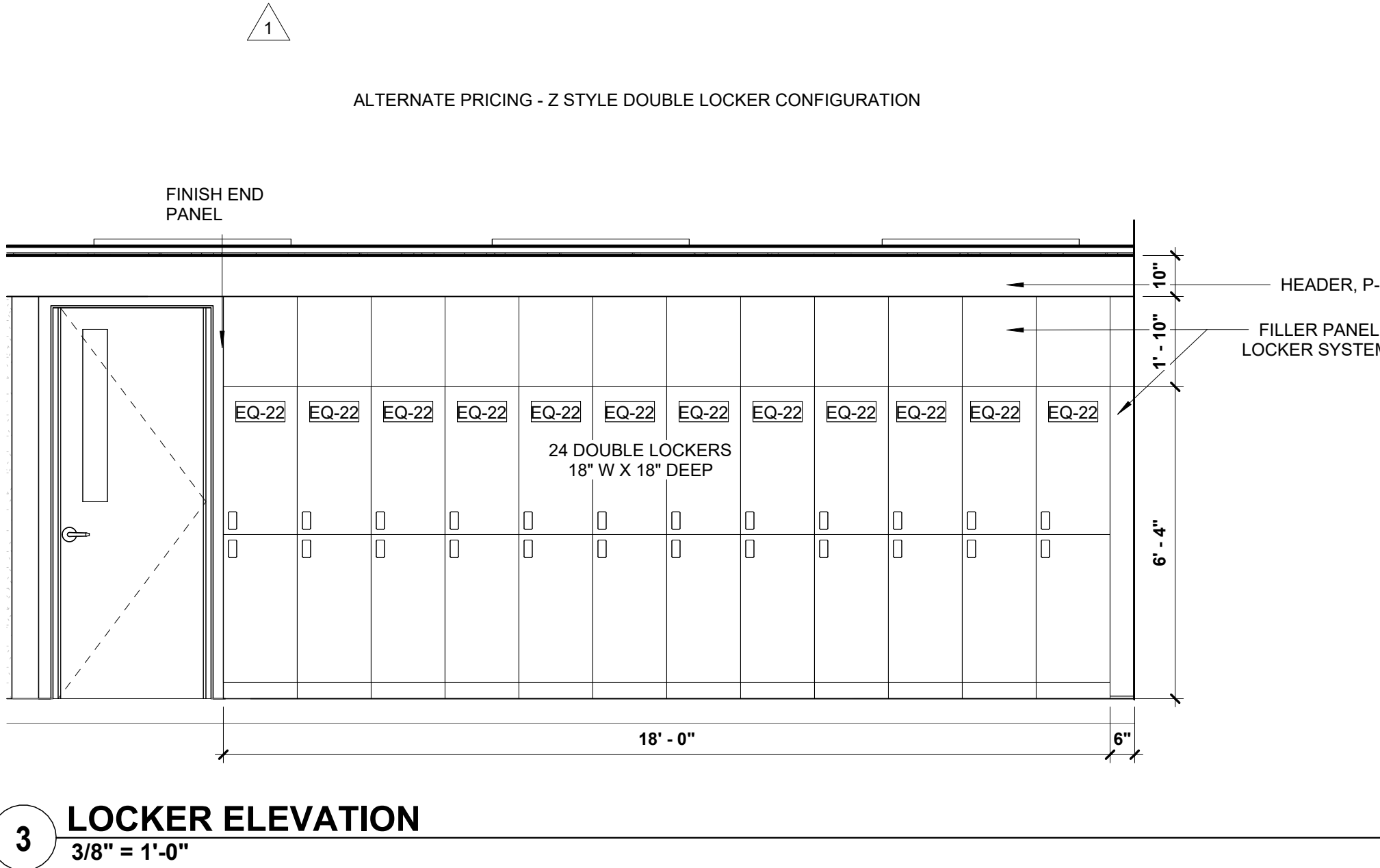
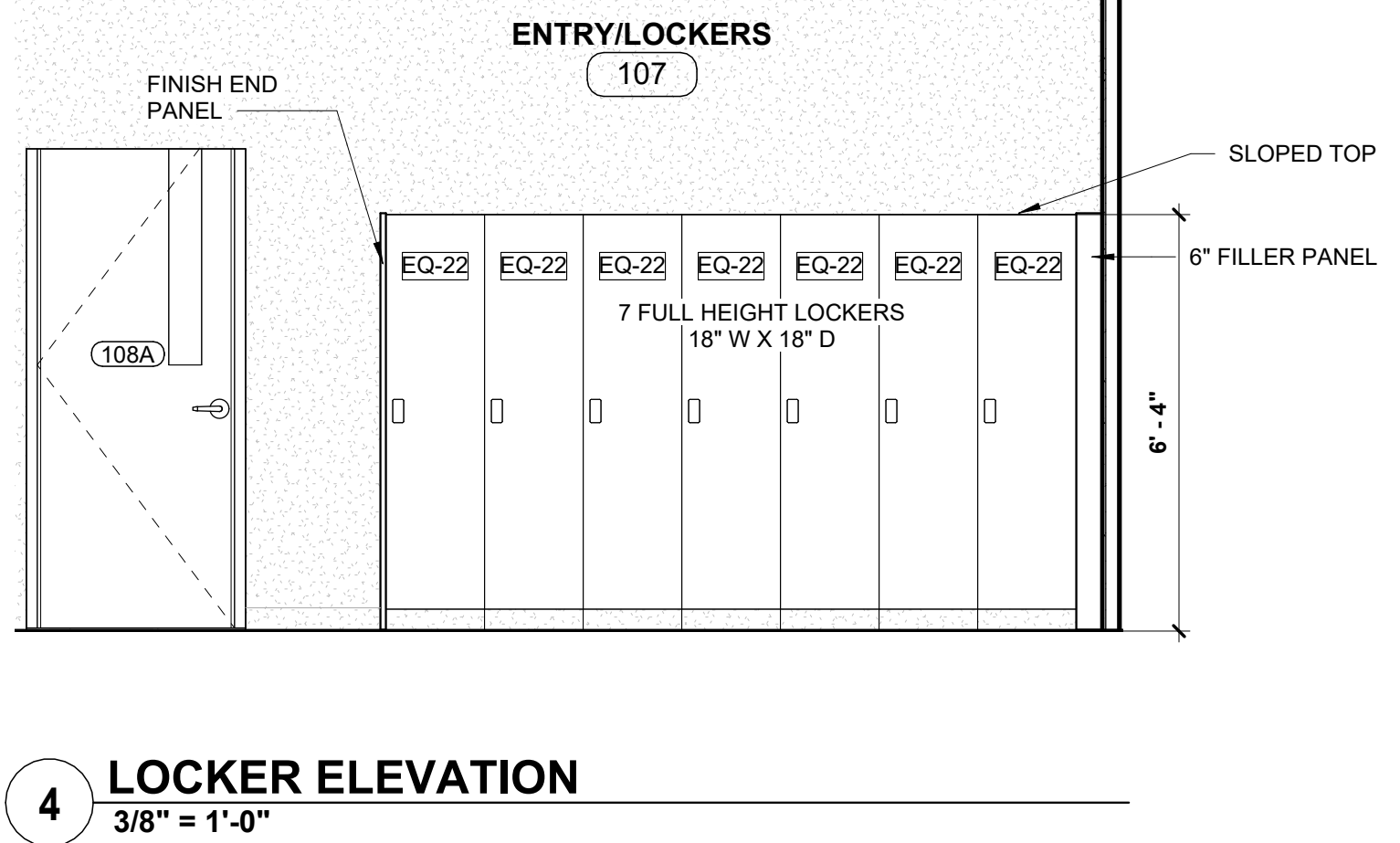
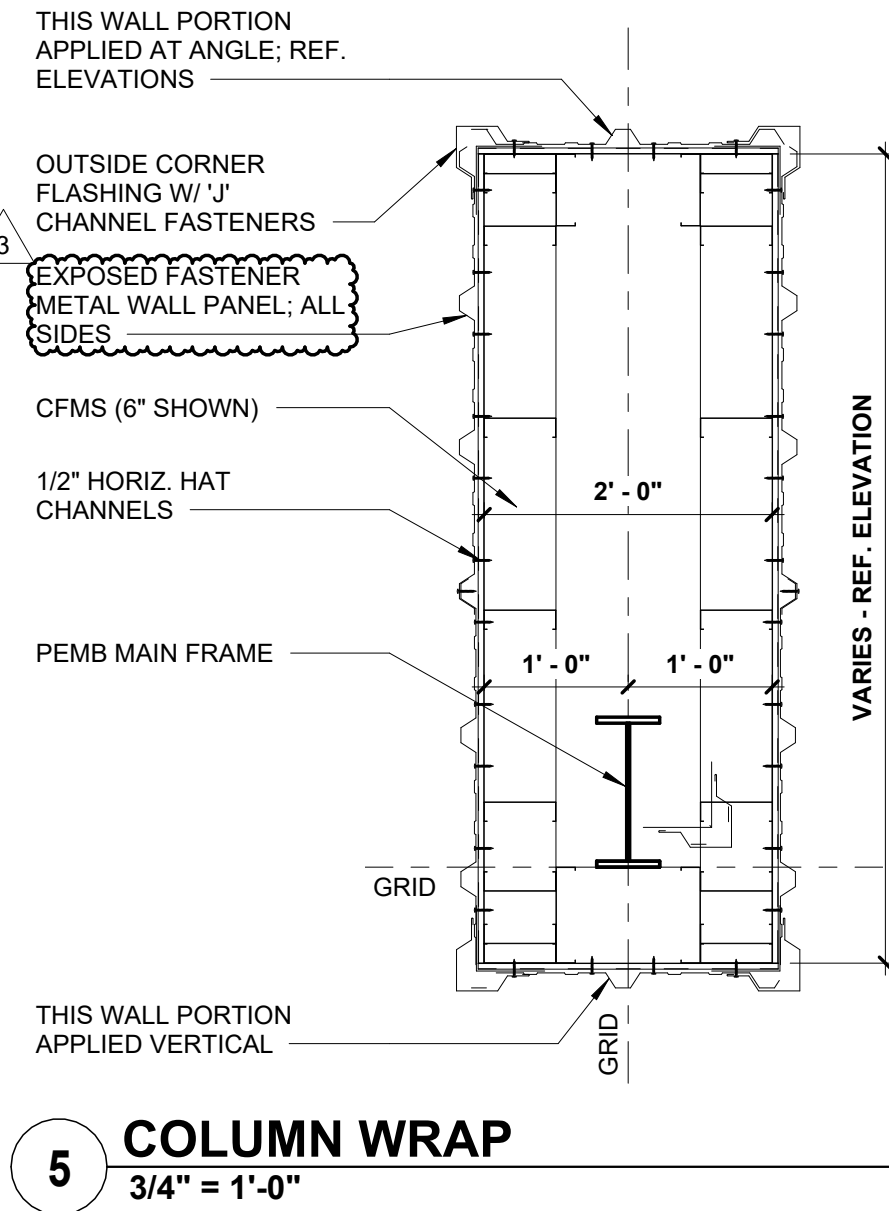
NOTED FLOOR PLAN

NO.	DATE	DESCRIPTION
1	03/06/25	ADD #1
2	03/10/25	ADD #2
3	04/03/25	POST BID ADD #1

24-096
JOB. NO.
02.14.2025
DATE
ISSUE
A120



NOT USED



1
1/8" = 1'-0"



4314 STADIUM BLVD.
JONESBORO, ARKANSAS

CONTENTS

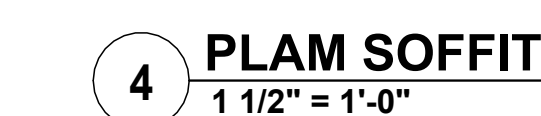
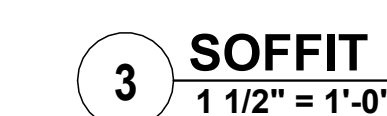
NO.	DATE	DESCRIPTION
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NO.	DATE	DESCRIPTION
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JOB. NO.

SHEET NOTES

1. REFERENCE MECHANICAL AND ELECTRICAL DRAWINGS FOR MOUNTING LOCATIONS OF ITEMS WHERE NO CEILING IS REQUIRED OR INDICATED.
2. SPRINKLER SHALL BE SUPPORTED FROM STRUCTURAL MEMBERS ONLY. GRID SHALL NOT BE SUPPORTED FROM THE TRADE WORKERS.
3. ALL FINISH CALLOUTS AT GYP CEILING ARE FOR UNDERSIDES OF CEILING. ALL PROFITS TO BE REFLECTED UNLESS NOT OTHERWISE ON REFLECTED CEILING PLAN. REF FINISH FLOOR FOR ALL OTHER VERTICAL SURFACE FINISHES.
4. REF ELEC FOR EMERGENCY LIGHTING
5. LIGHTS, DIFFUSERS, EXT. SIGNS
6. DETECTOR, SMOKE DETECTORS, STROBES AND MISCELLANEOUS DEVICES SHALL BE CENTERED IN THE ROOM IN WHICH THEY OCCUR, UNLESS NOT OTHERWISE.
7. SPRINKLER HEADS ARE NOT SHOWN ON ARCHITECTURAL DRAWINGS. CEILING PLANS. CONTRACTOR TO INSTALL SUFFICIENT HEADS IN ALL SPACES PROVIDED. MINIMUM COVERAGE AS REQUIRED UNDER NFPA 13 AND OWNERS' INSURANCE POLICY. CONTRACTOR SHALL CENTER ALL SPRINKLER HEADS IN CEILING TILES AND GYPSUM BOARD CEILINGS.
8. CONTRACTOR SPECIFIC TO CONSTRUCTION. ARCHITECTURE SIGNIFICANT SPRINKLER HEAD LOCATIONS MAY BE SHOWN ON REFLECTED CEILING PLAN FOR DESIGN INTENT ONLY.
9. REFLECTED FINISH INFORMATION, SEE A510.
10. VERIFY WITH MECHANICAL ENGINEER, CEILING REGISTER SIZE, TYPE, AND DENSITY.
11. VERIFY WITH ELECTRICAL DRAWINGS, TYPE AND VOLTAGE, TYPE AND QUANTITY.



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

03/2025 13:52 PM Autodesk Docs/Craighead Electric Maintenance Shop 13.096, English (The Maintenance Shop).rvt

KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
07.02	PREFINISHED GUTTER
07.03	TRAPEZOIDAL STANDING SEAM MTL ROOF SYSTEM
07.04	RAKE TRIM
07.08	SNOW GUARD, INSTALL PER MFR INSTRUCTIONS
07.09	PREFINISHED RIDGE CAP, REF 3 / A150
13.01	PRE-ENGINEERED PREFINISHED METAL CANOPY



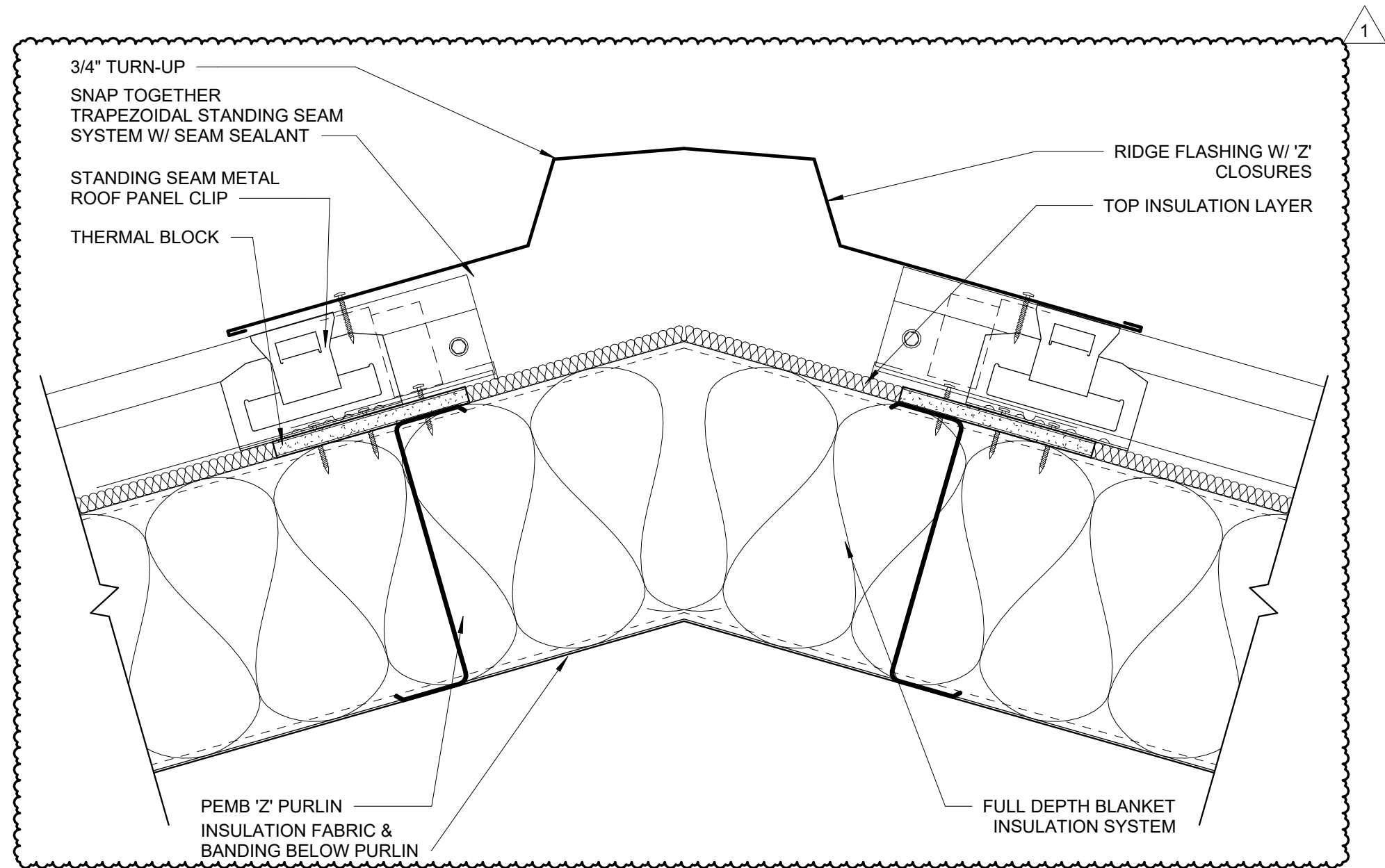
CRAIGHEAD ELECTRIC
MAINTENANCE SHOP ADDITION
4314 STADIUM BLVD.
JONESBORO, ARKANSAS

ROOF PLAN

NO.	DATE	DESCRIPTION
1	04/03/25	POST BID ADD #1

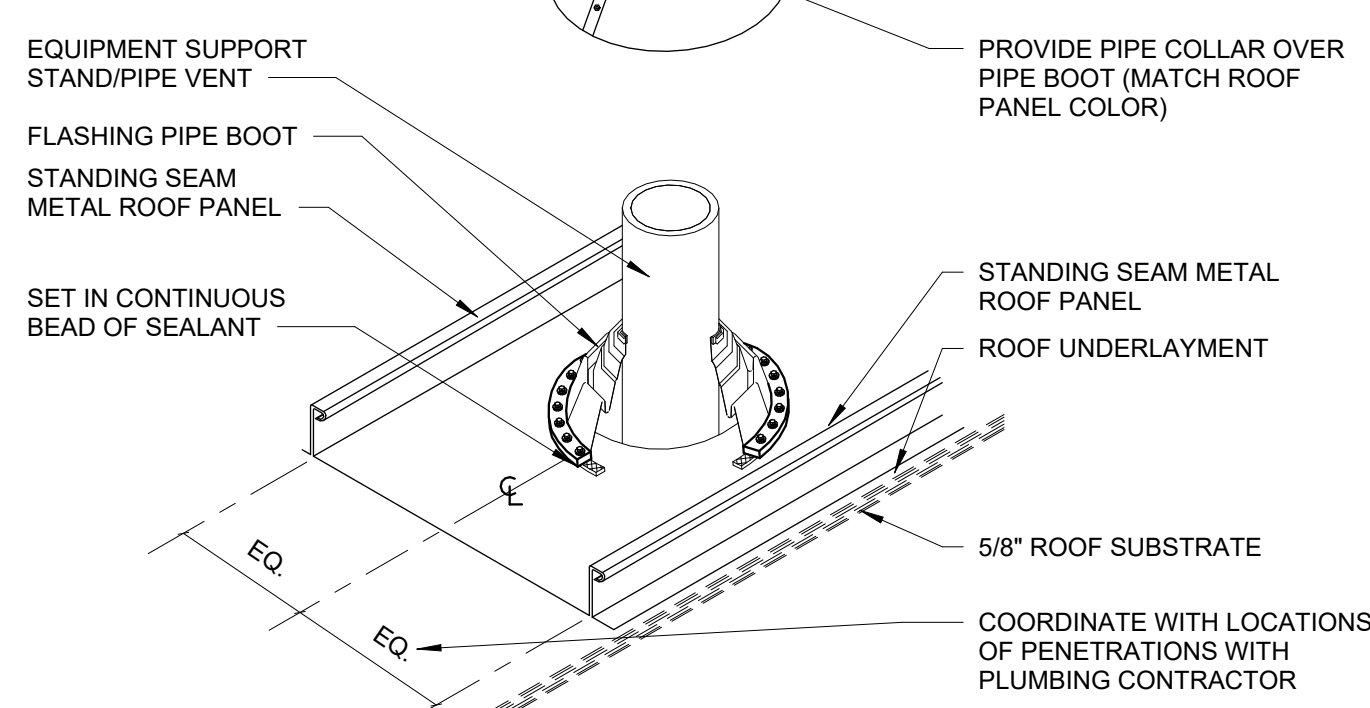
24-096
JOB. NO.
02.14.2025
DATE

ISSUE
A150

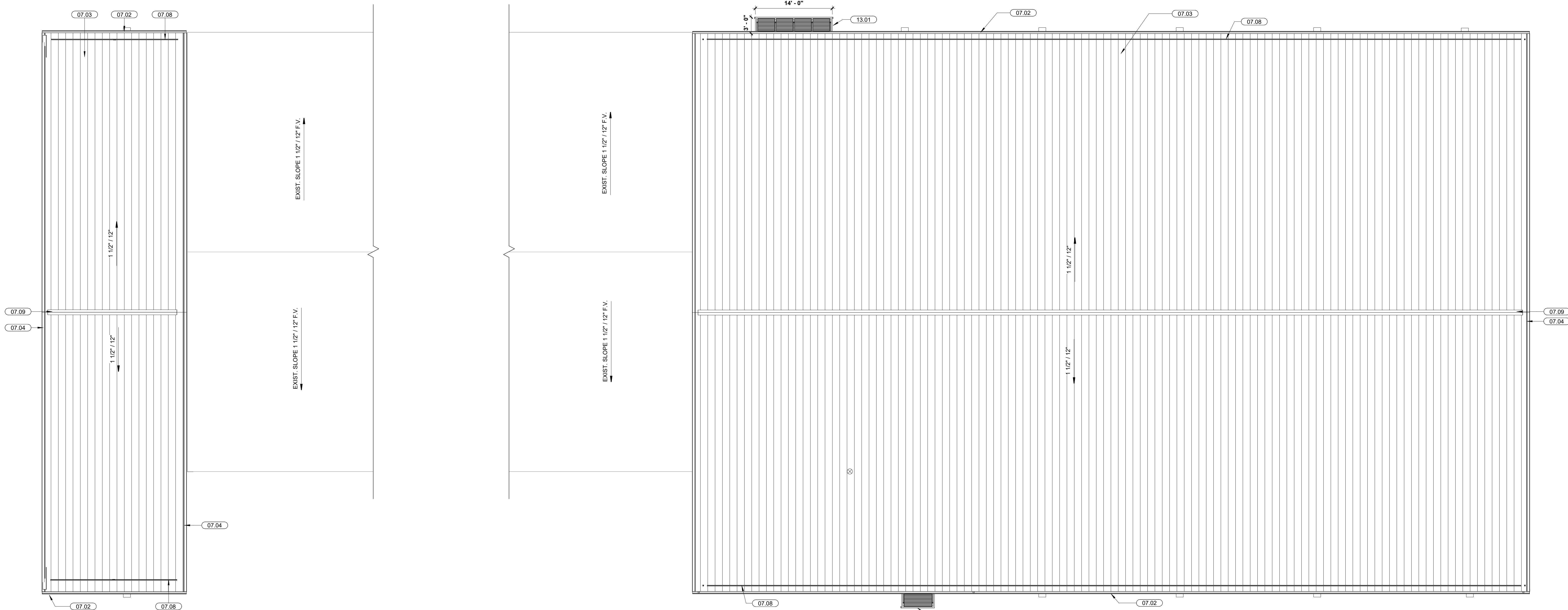


3 TYPICAL EXTERIOR ROOF ASSEMBLY - RIDGE DETAIL
3" = 1'-0"

- NOTES:
- PIPE PENETRATION TO BE IN PAN OF PANEL ONLY
 - PAINT PVC PIPES TO MATCH COLOR OF ROOF PANEL



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

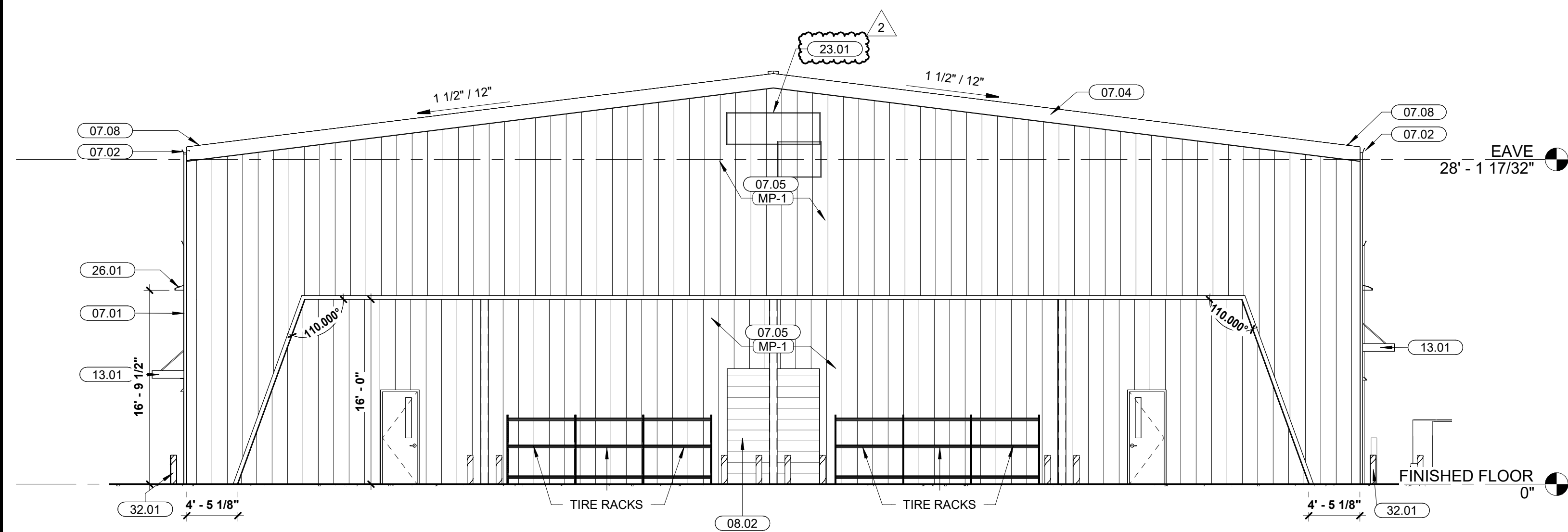


1 ROOF PLAN
1/8" = 1'-0"

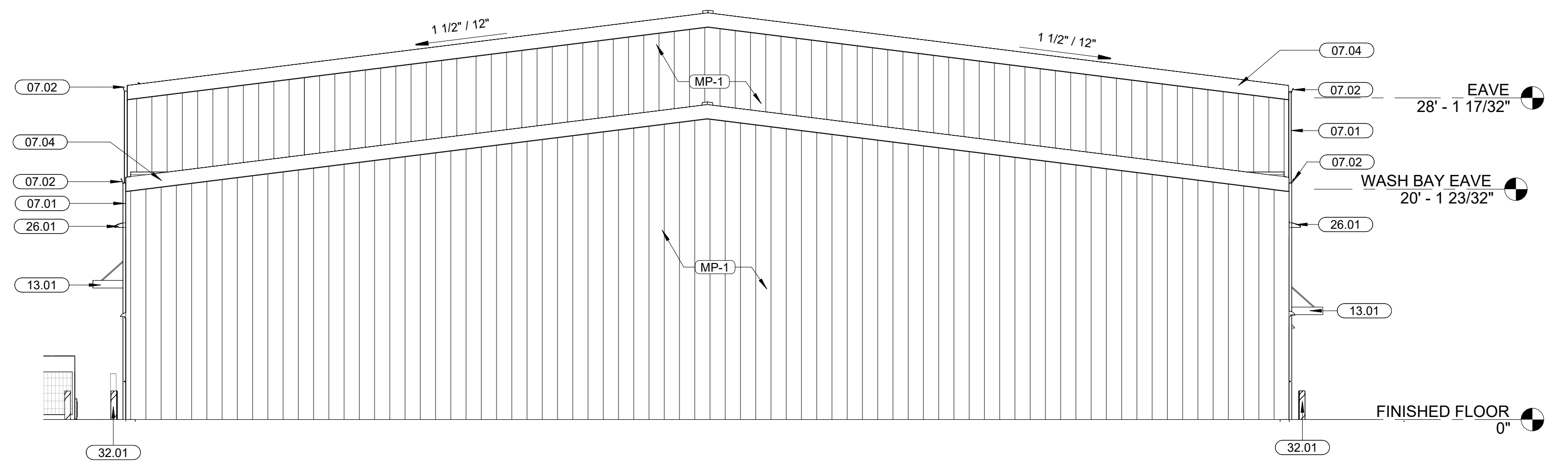
03/2025 2:33 PM Autodesk Docs (Copyright) Electric Maintenance Shop 14.006, Englehard Eric, Maintenance Shop.rvt

COLOR LEGEND	
TAG	COLOR
MP-1	PREFINISHED CONCEALED FASTENER MTL WALL PANELS

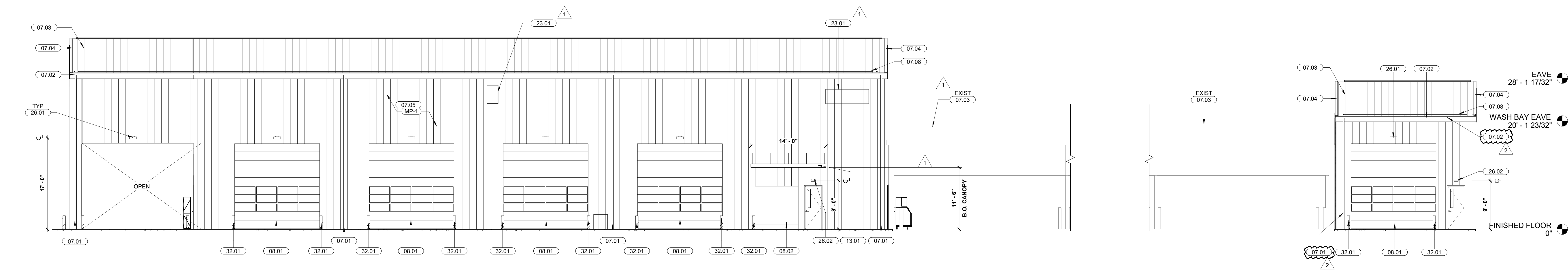
KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
07.01	PREFINISHED DOWNSPOUT
07.02	PREFINISHED GUTTER
07.03	TRAPAZOIDAL STANDING SEAM MTL ROOF SYSTEM
07.04	RAKE TRIM
07.05	PREFINISHED CONCEALED FASTENER MTL WALL PANELS
07.08	SNOW GUARD, INSTALL PER MFR INSTRUCTIONS
08.01	SECTIONAL OVERHEAD DOOR
08.02	OVERHEAD COILING DOOR
13.01	PRE-ENGINEERED PREFINISHED METAL CANOPY 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 9 / A101



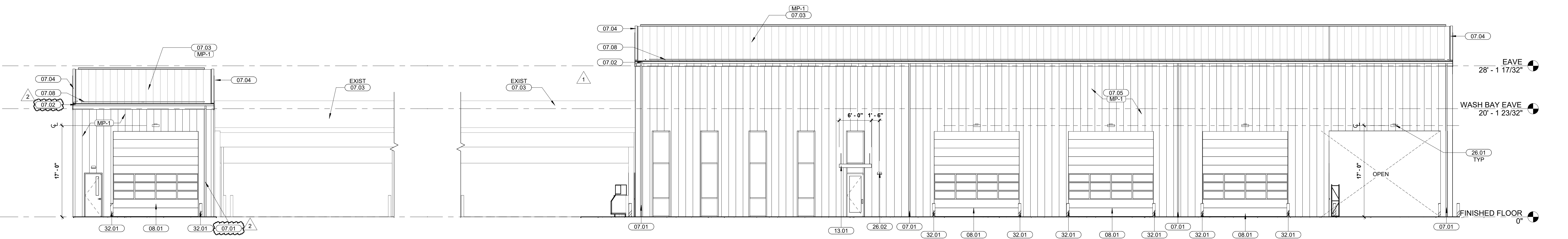
4 SOUTH ELEVATION
1/8" = 1'-0"



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

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REVISIONS

SHEET

NO.	DATE	DESCRIPTION
1	03/06/25	ADD #1
2	04/03/25	POST BID ADD #1

24-096

JOB. NO.

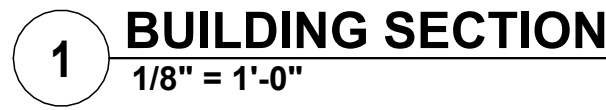
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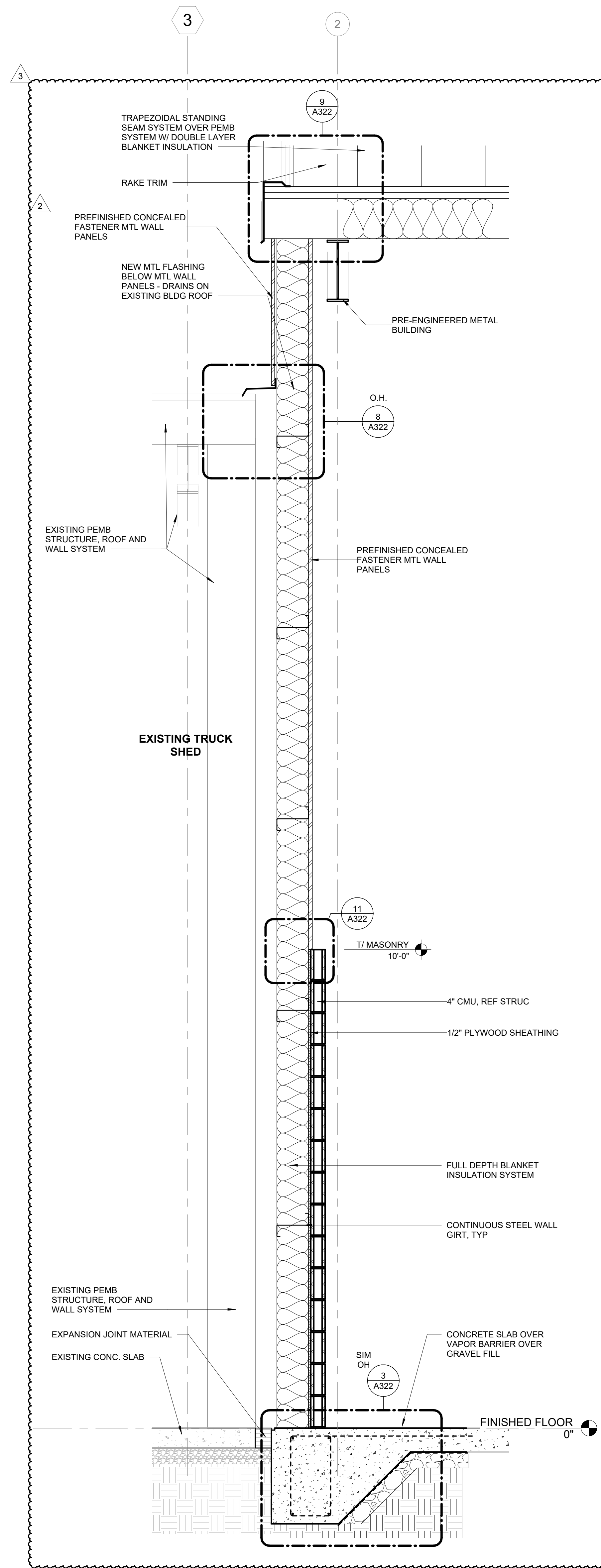
ISSUE

A201

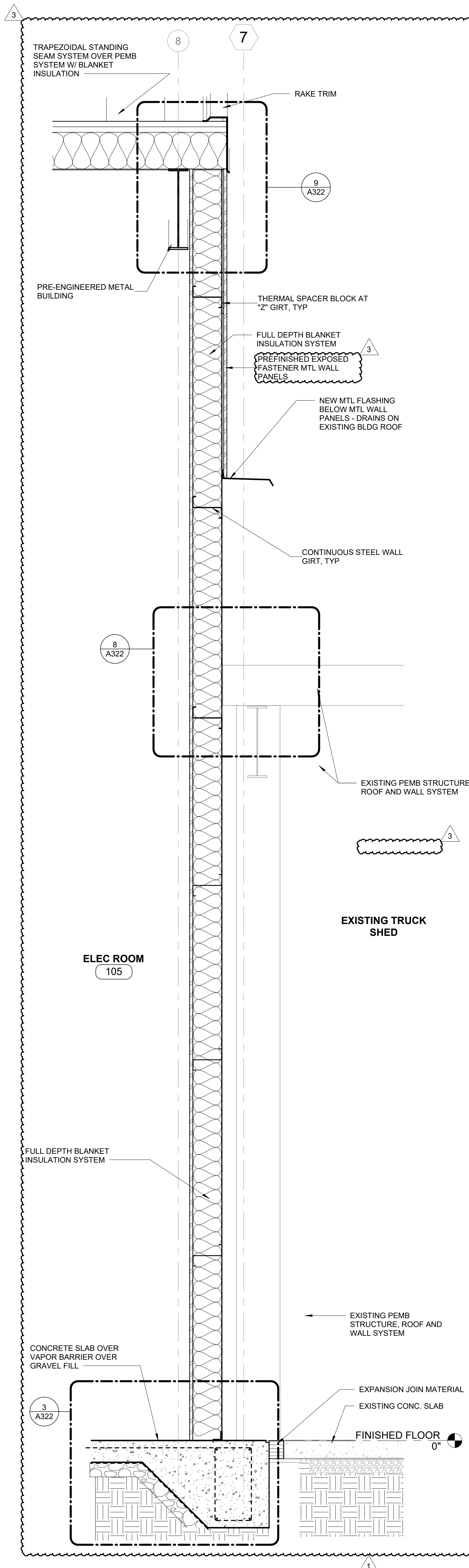
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2	04/03/25	POST BID ADD #1



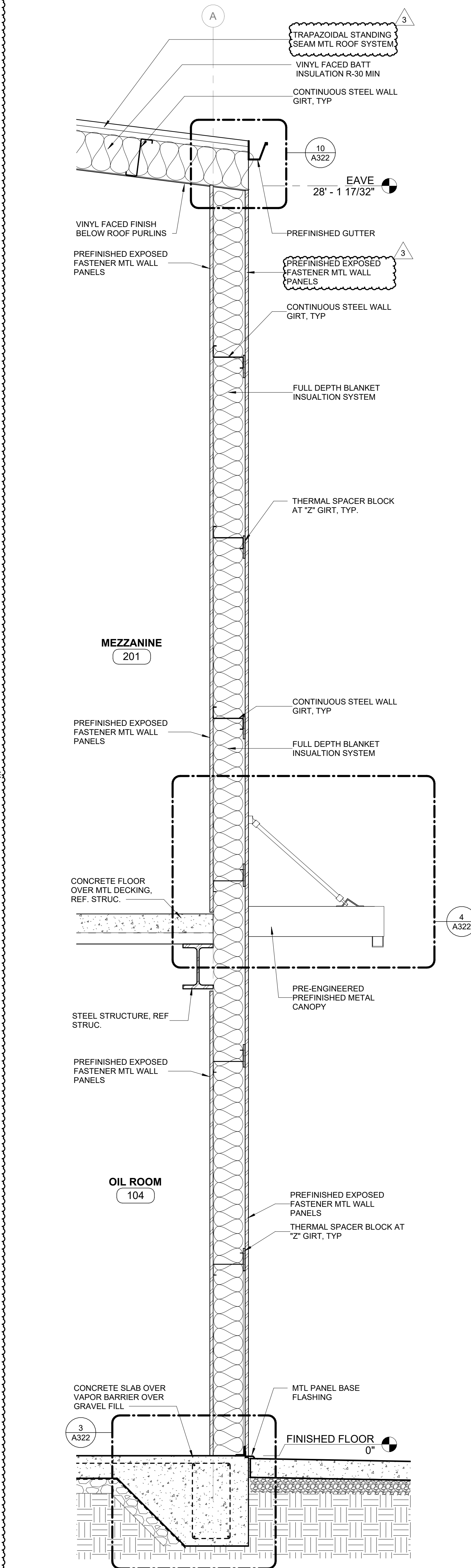
4/20/2025 12:52 PM Autodesk AutoCAD Electrical Maintenance Shop 14.0061 English E:\14.0061 Maintenance Shop 14.0061



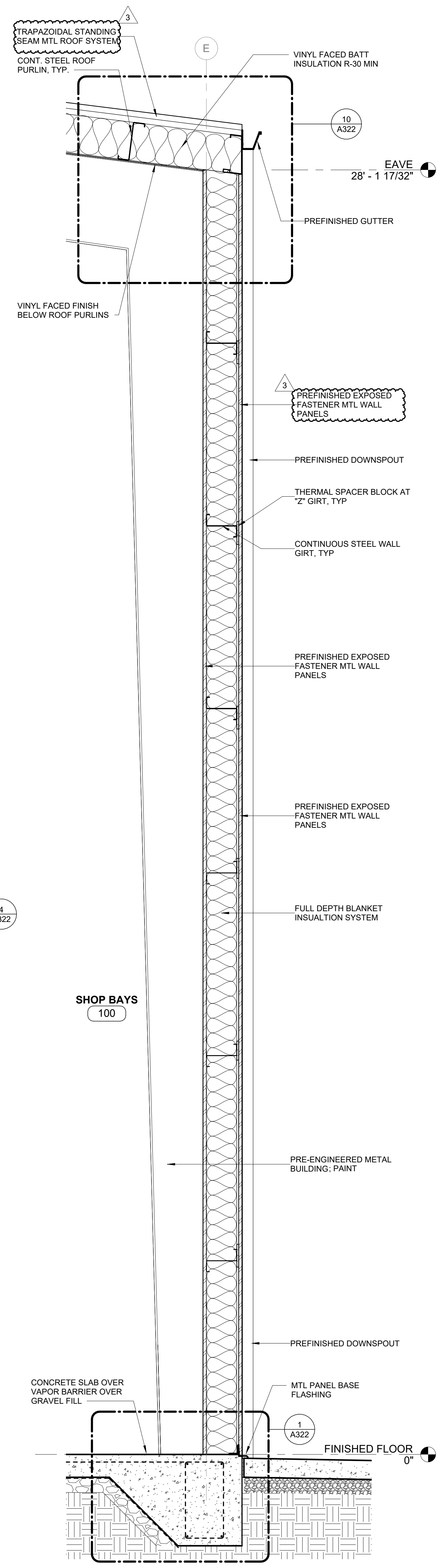
4 WALL SECTION
3/4" = 1'-0"



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



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



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

SHEET

REVISIONS

CONTENTS

PROJECT TITLE

NO.	DATE	DESCRIPTION
1	03/06/25	ADD #1
2	03/10/25	ADD #2
3	04/03/25	POST BID ADD #1

24-096
JOB. NO.
02.14.2025
DATE

ISSUE
A320

WALL SECTIONS

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



WDD
ARCHITECTS

4314 STADIUM BLVD.
JONESBORO ARKANSAS

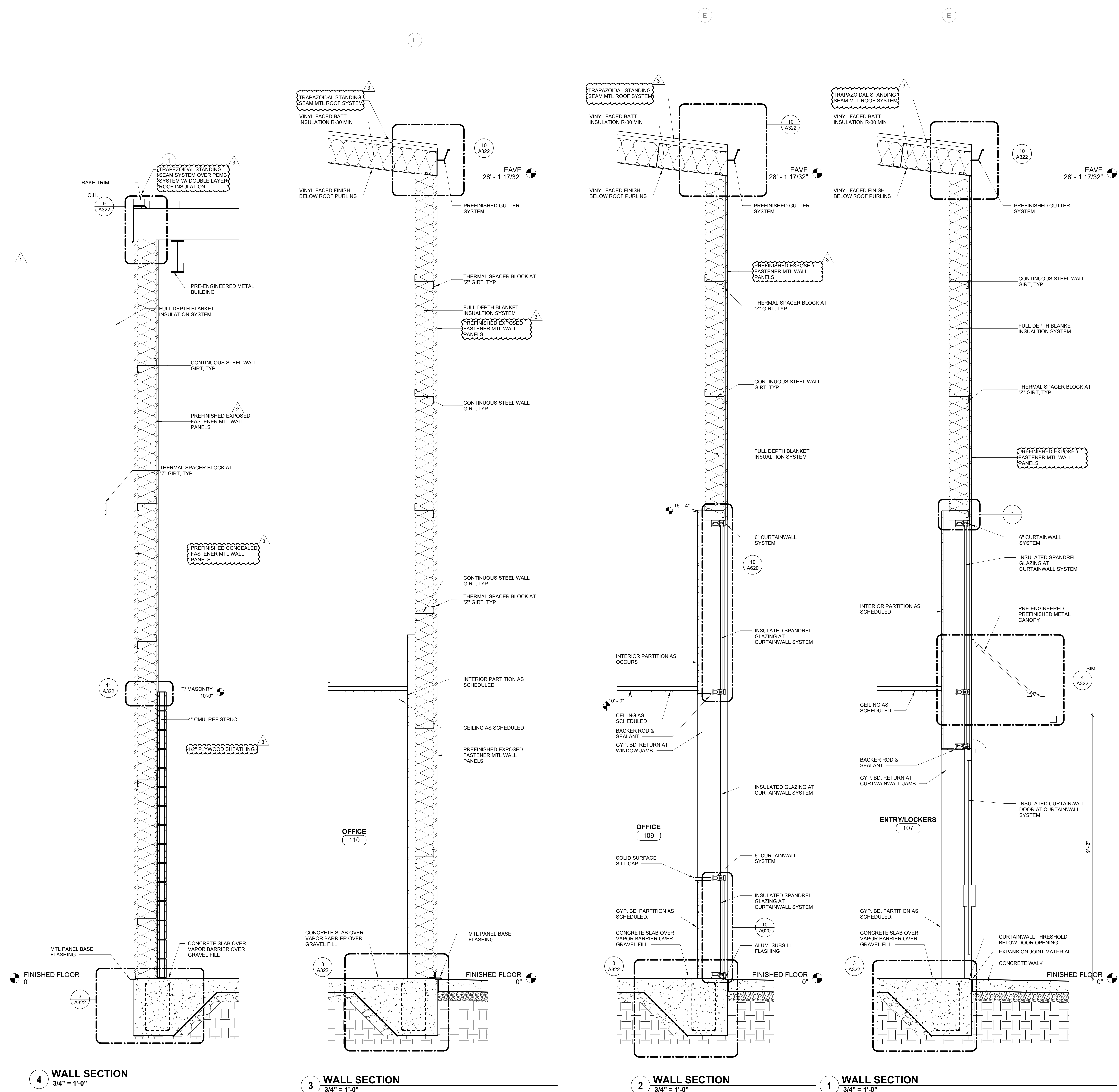
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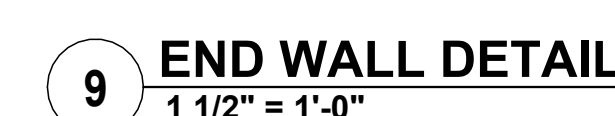
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2	03/10/25	ADD #2
3	04/03/25	POST BID ADD #1

JOB. NO.

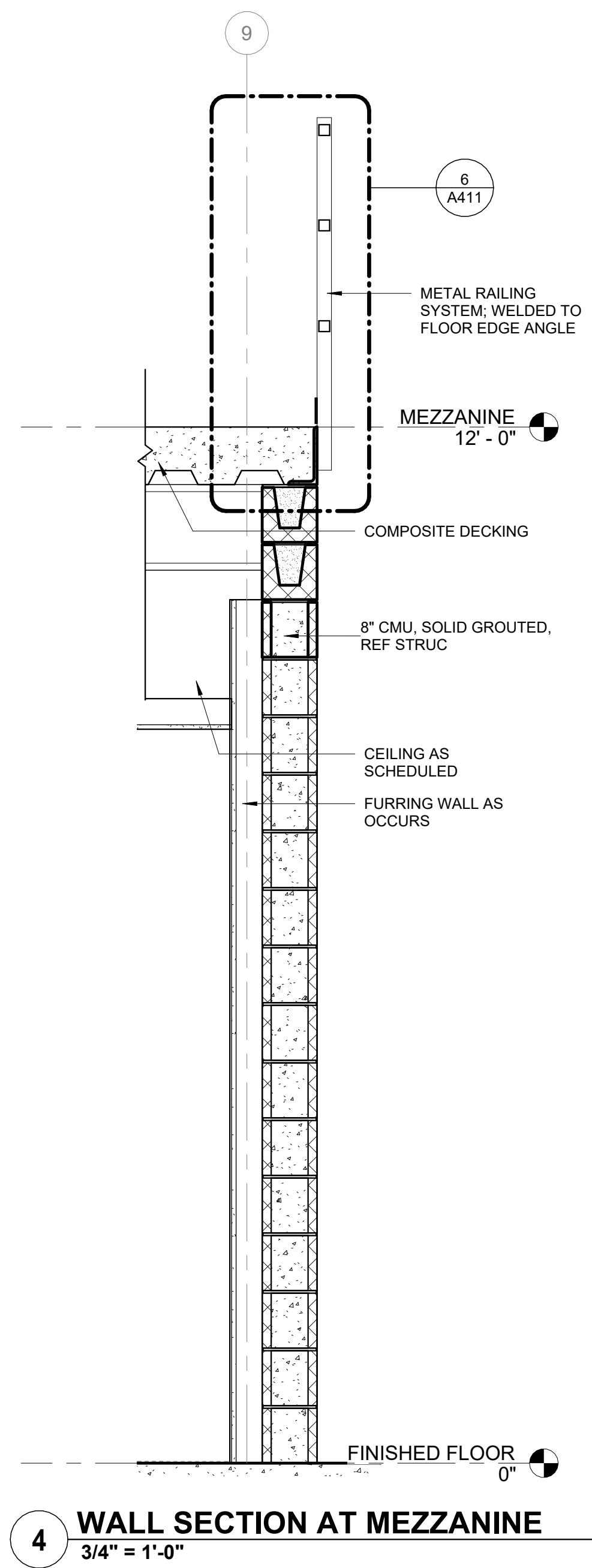
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A321

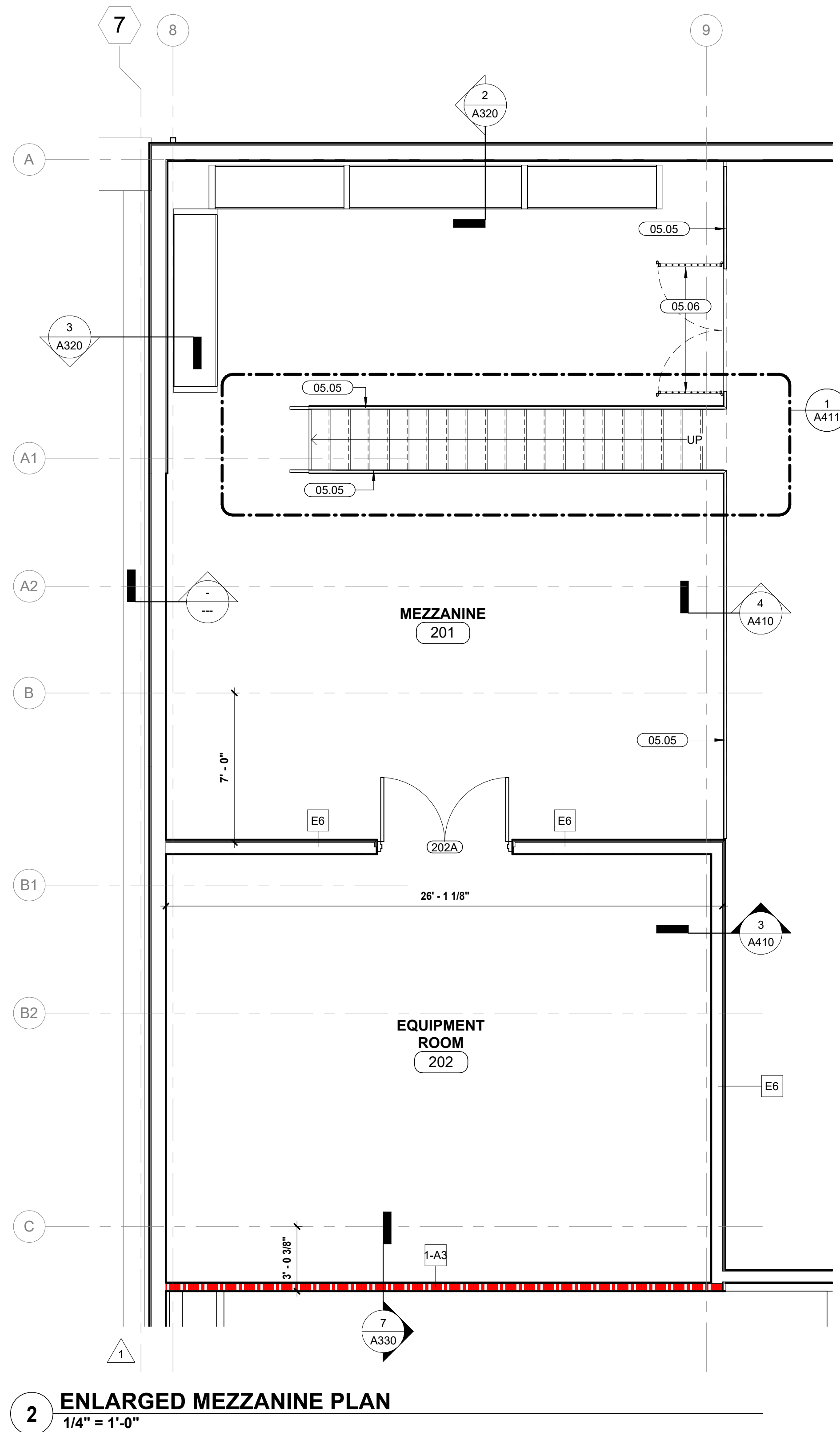
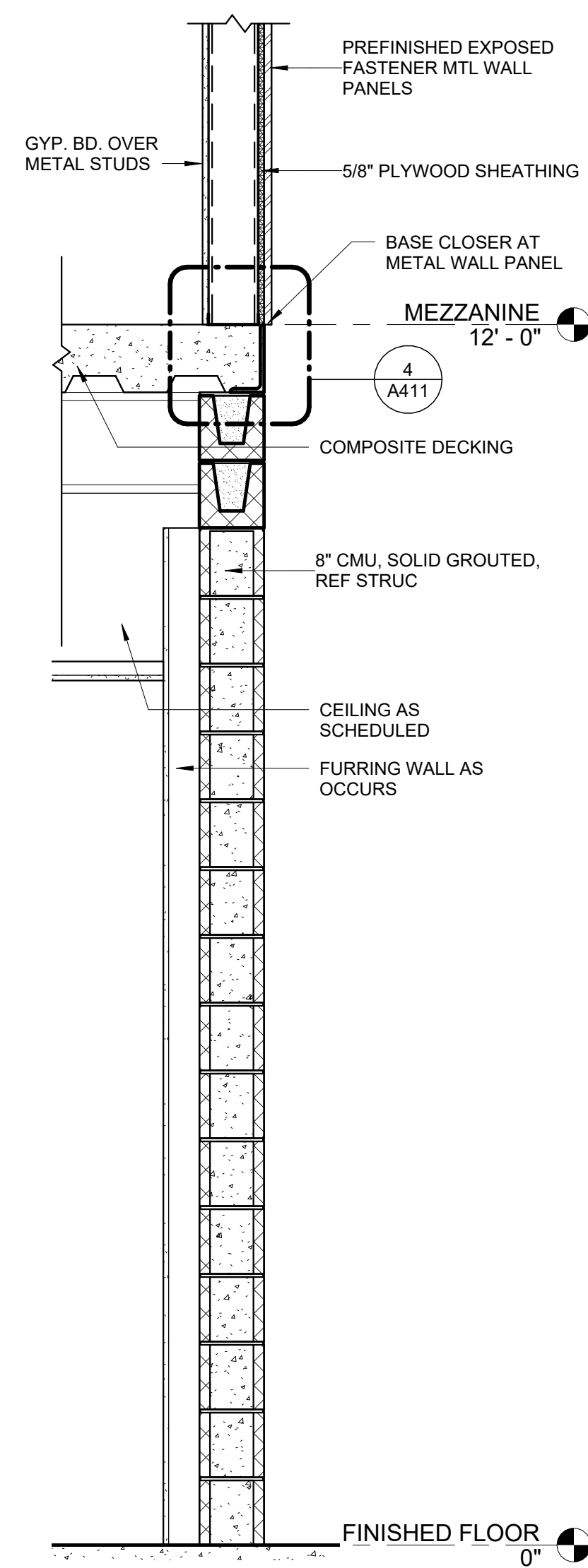




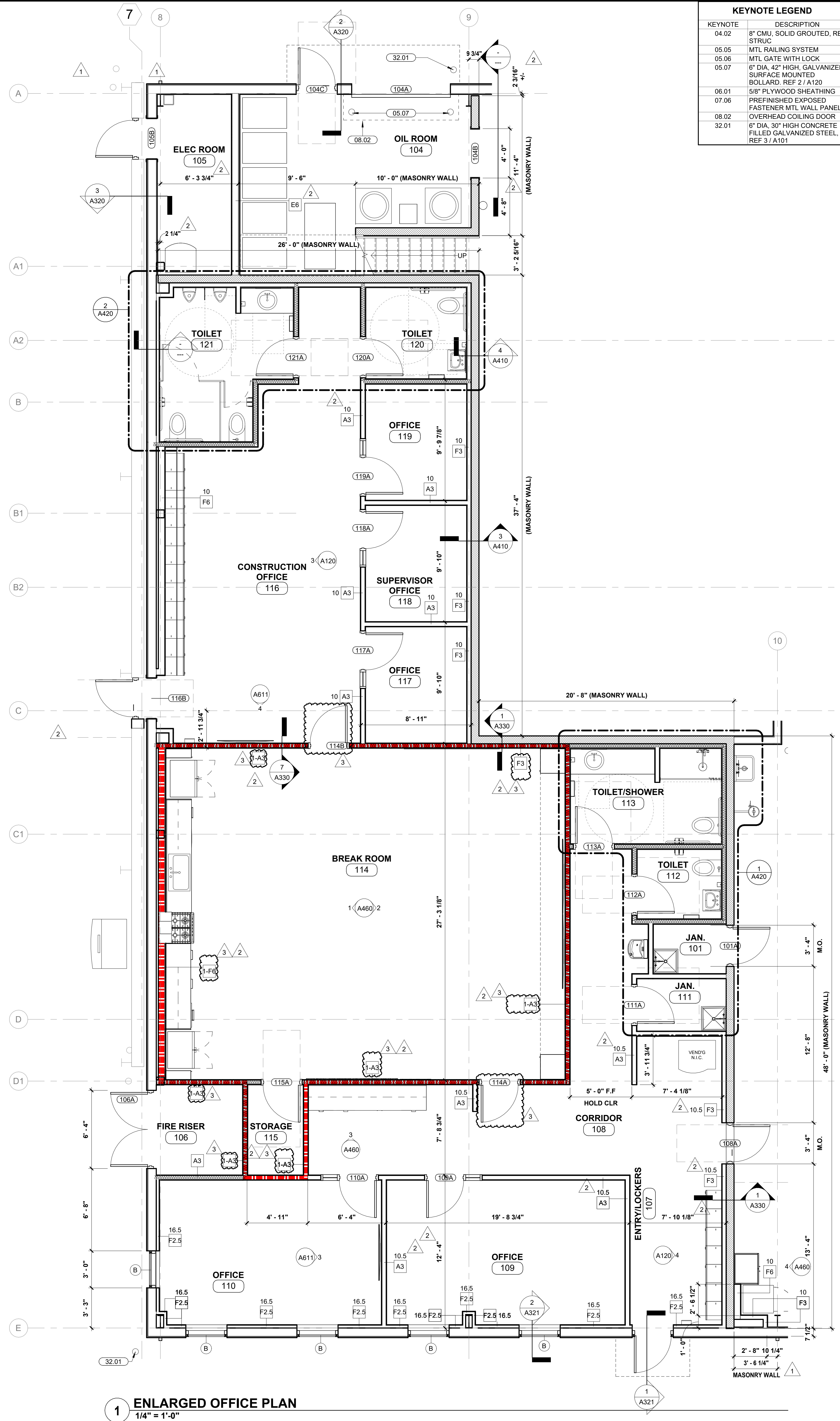
03/2025 12:57 PM Autodesk Docs/Craighead Electric Maintenance Shop 14.006, Enlarged Elec. Maintenance Shop.rvt



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



2 ENLARGED MEZZANINE PLAN
1/4" = 1'-0"



1 ENLARGED OFFICE PLAN
1/4" = 1'-0"

KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
04.02	8" CMU, SOLID GROUTED, REF 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 EXPOSED FASTENER MTL WALL PANELS
08.02	OVERHEAD COILING DOOR
32.01	6" DIA, 30" HIGH CONCRETE FILLED GALVANIZED STEEL, REF 3/A101

WDD ARCHITECTS

REGISTERED ARCHITECTS
WITTERBERG
DELONY
DAVIDSON, INC.
JONESBORO, ARKANSAS

PROJECT TITLE

CRAIGHEAD ELECTRIC
MAINTENANCE SHOP ADDITION

4314 STADIUM BLVD.
JONESBORO, ARKANSAS

CONTENTS

ENLARGED PLANS

REVISIONS

NO.	DATE	DESCRIPTION
1	03/06/25	ADD #1
2	03/10/25	ADD #2
3	04/03/25	POST BID ADD #1

JOB. NO. 24-096

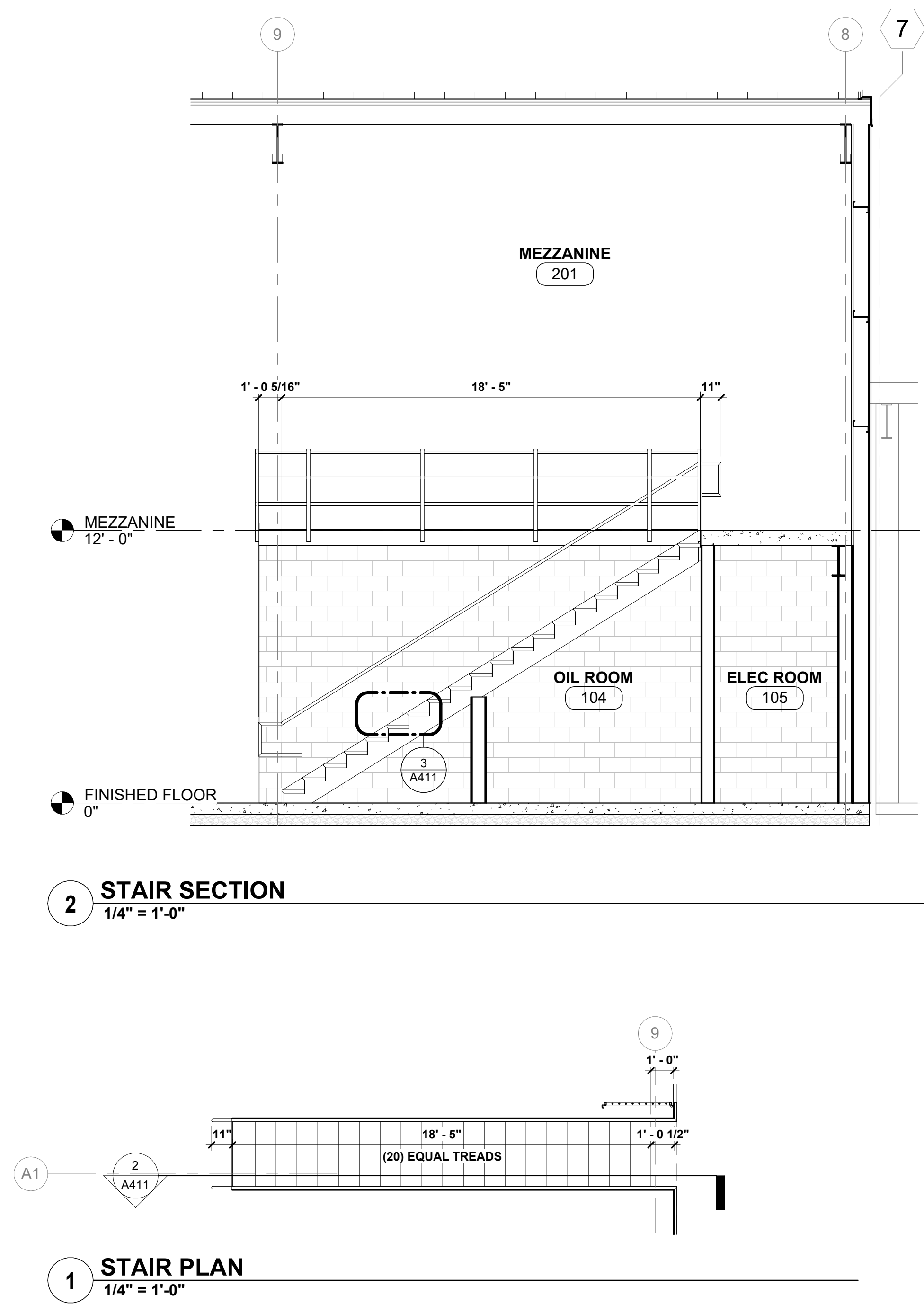
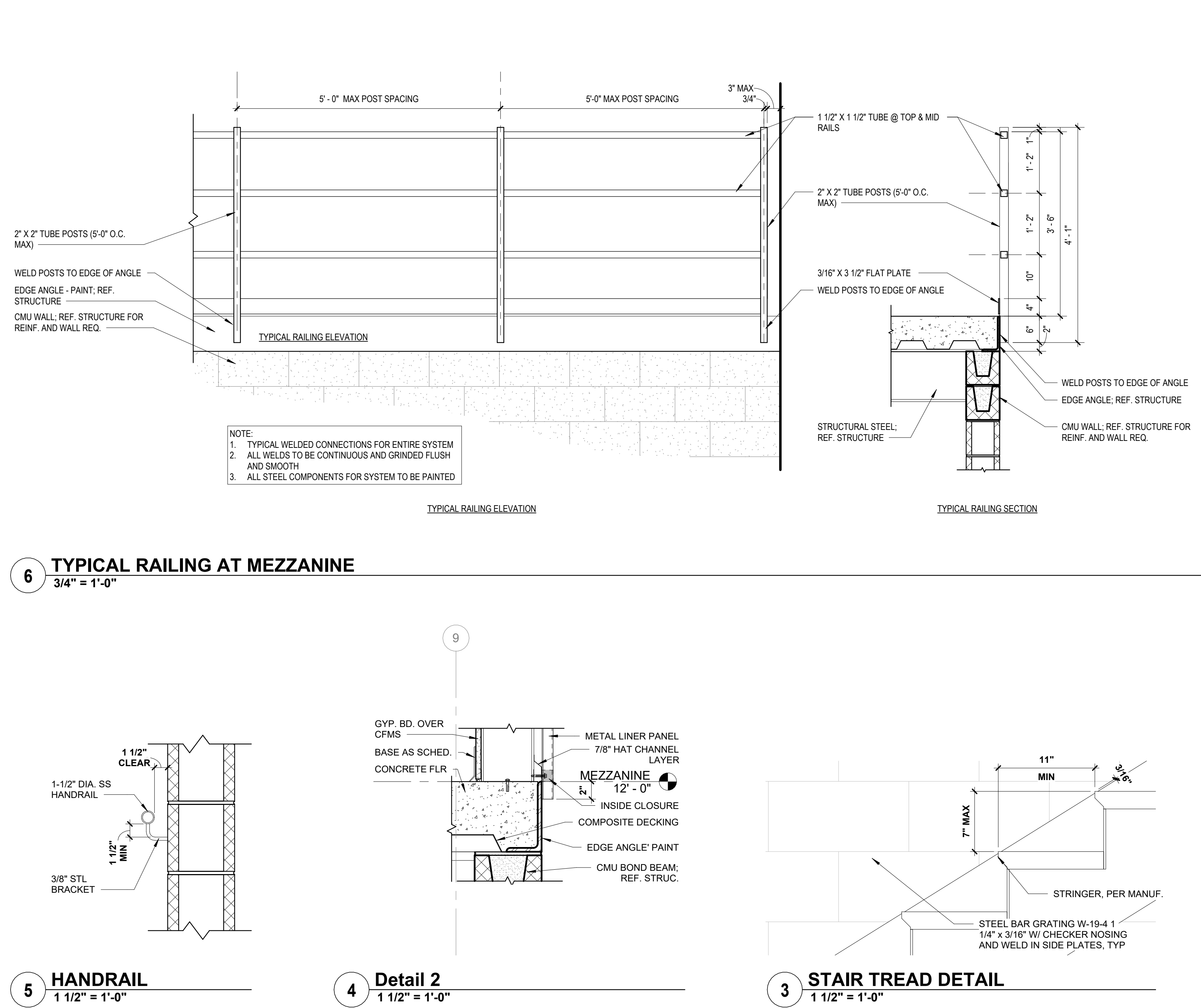
DATE 02.14.2025

ISSUE

A410

SHEET

2/12/2025 11:52:15 AM - Added Don't Tighten Electric Maintenance Shop 12.096, Enlarged Elec Maintenance Shop 12.096



SHEET

REVISIONS

CONTENTS

PROJECT TITLE

A411

ISSUE

DATE

02.14.2025

JOB. NO.

24-096

DESCRIPTION

NO.

DATE

CONTENTS

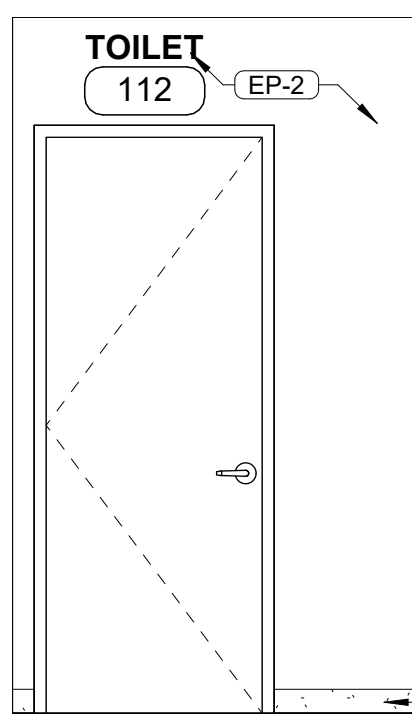
ENLARGED STAIR PLAN, SECTION
AND DETAILS

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

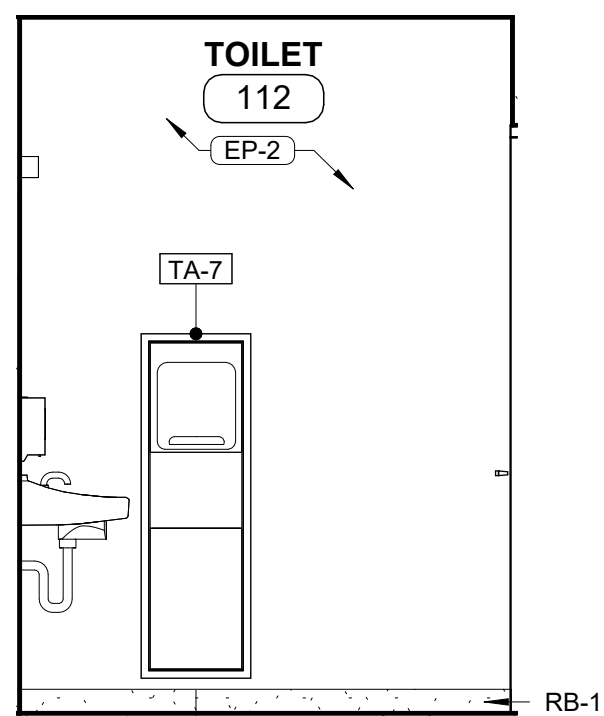


WDD
ARCHITECTS

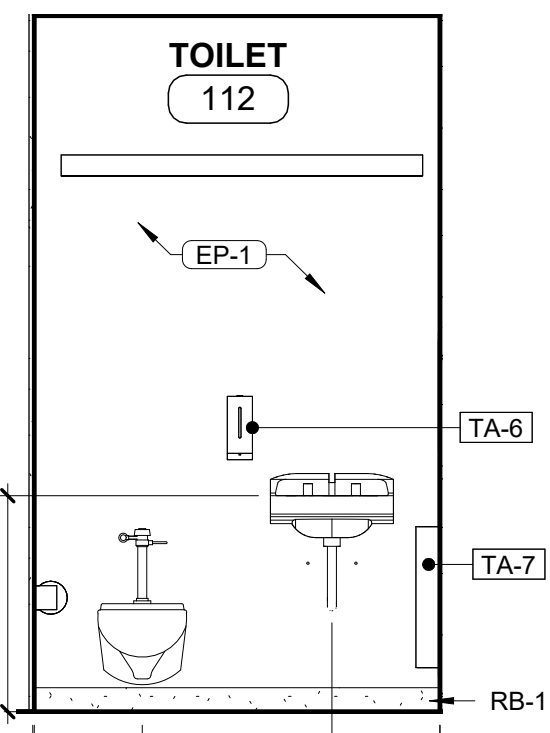
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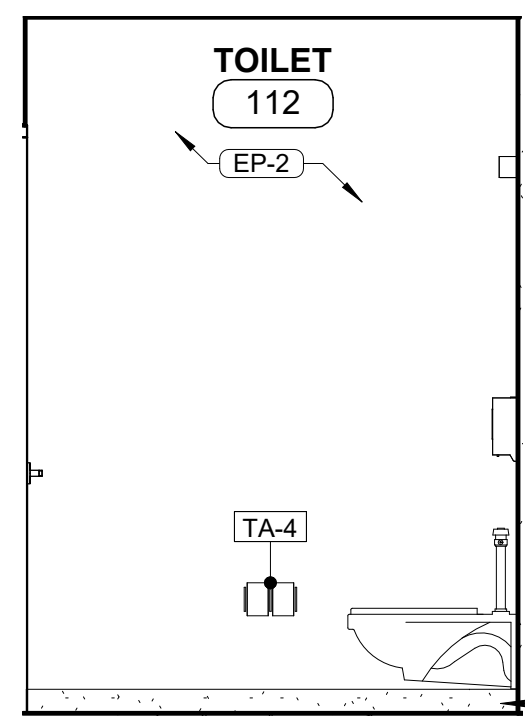
6 TOILET ELEVATION
3/8" = 1'-0"



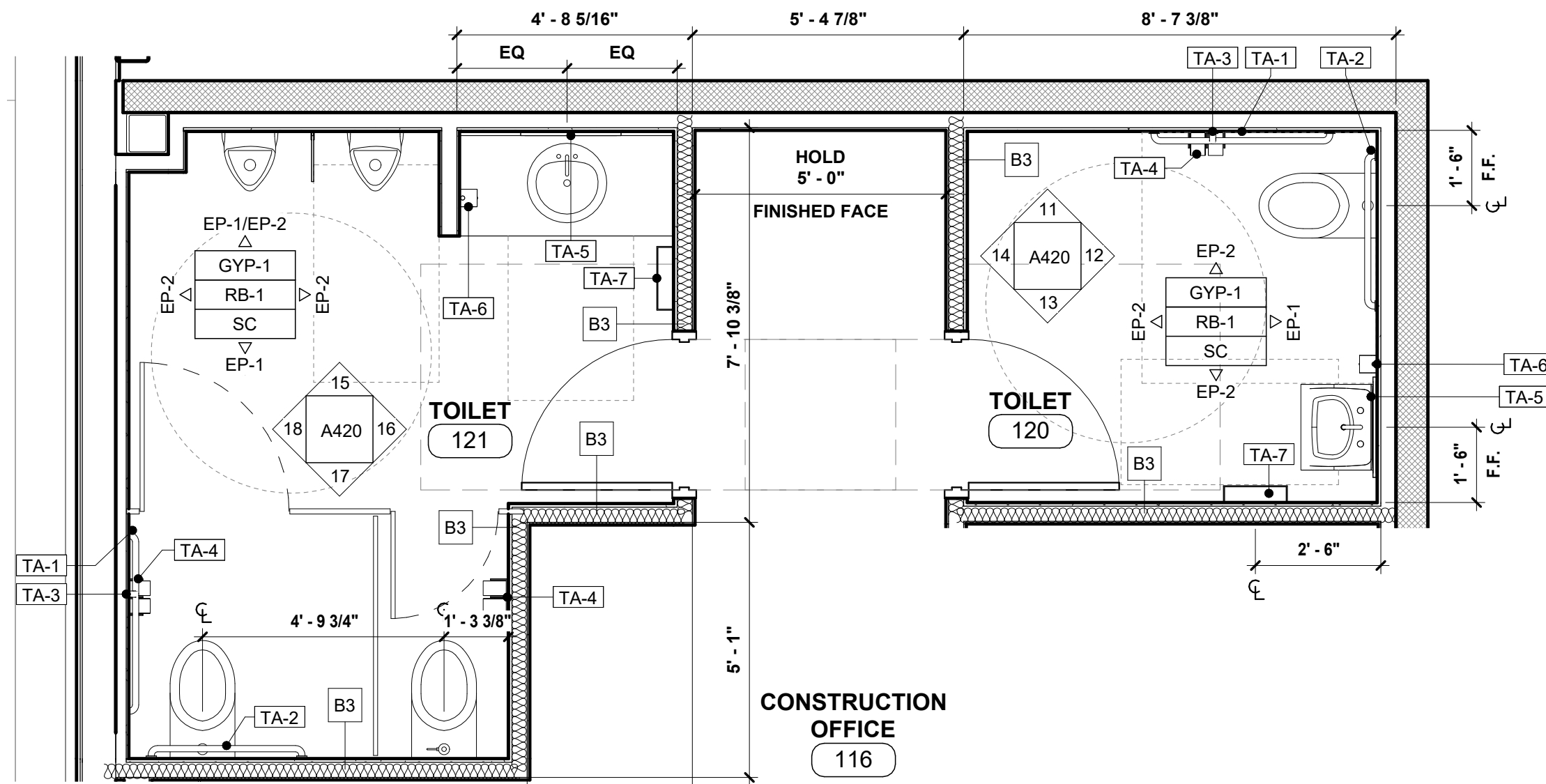
5 TOILET ELEVATION
3/8" = 1'-0"



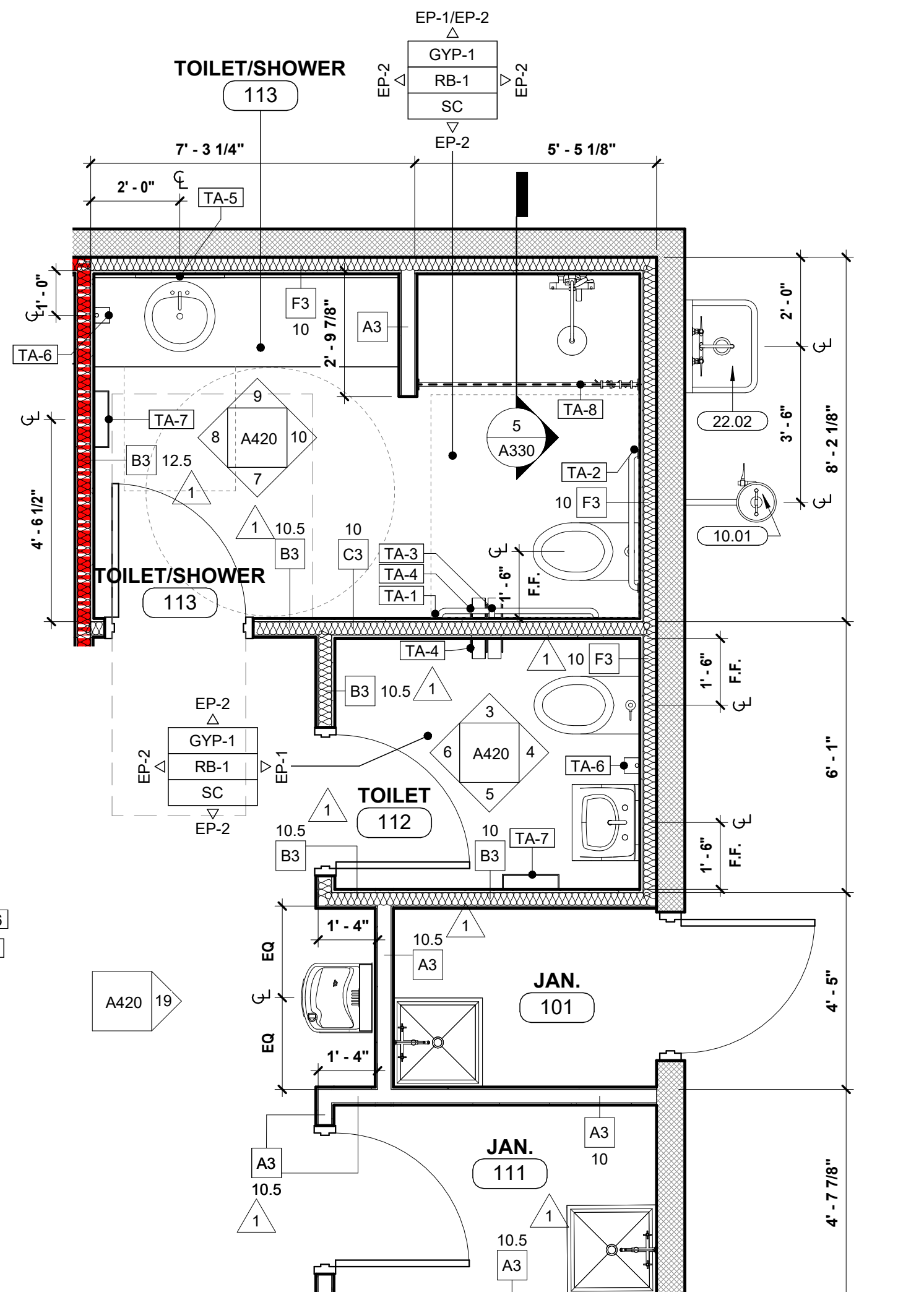
4 TOILET ELEVATION
3/8" = 1'-0"



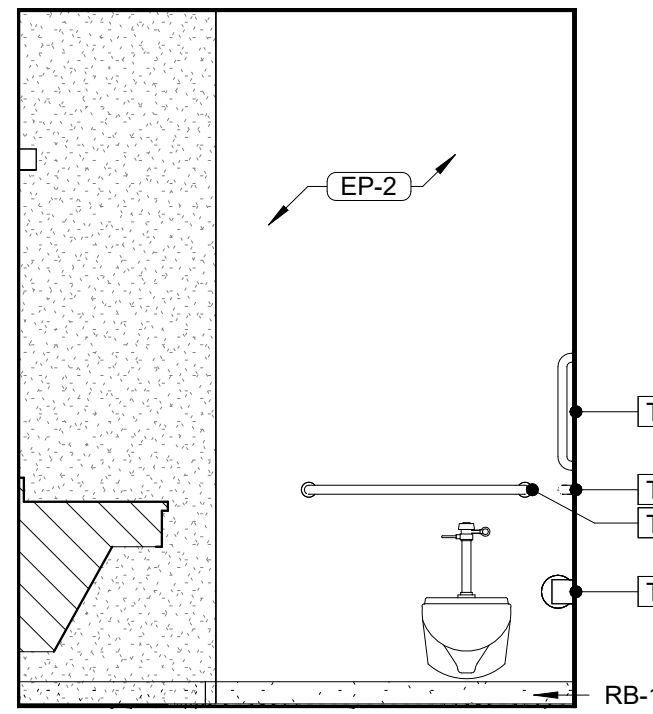
3 TOILET ELEVATION
3/8" = 1'-0"



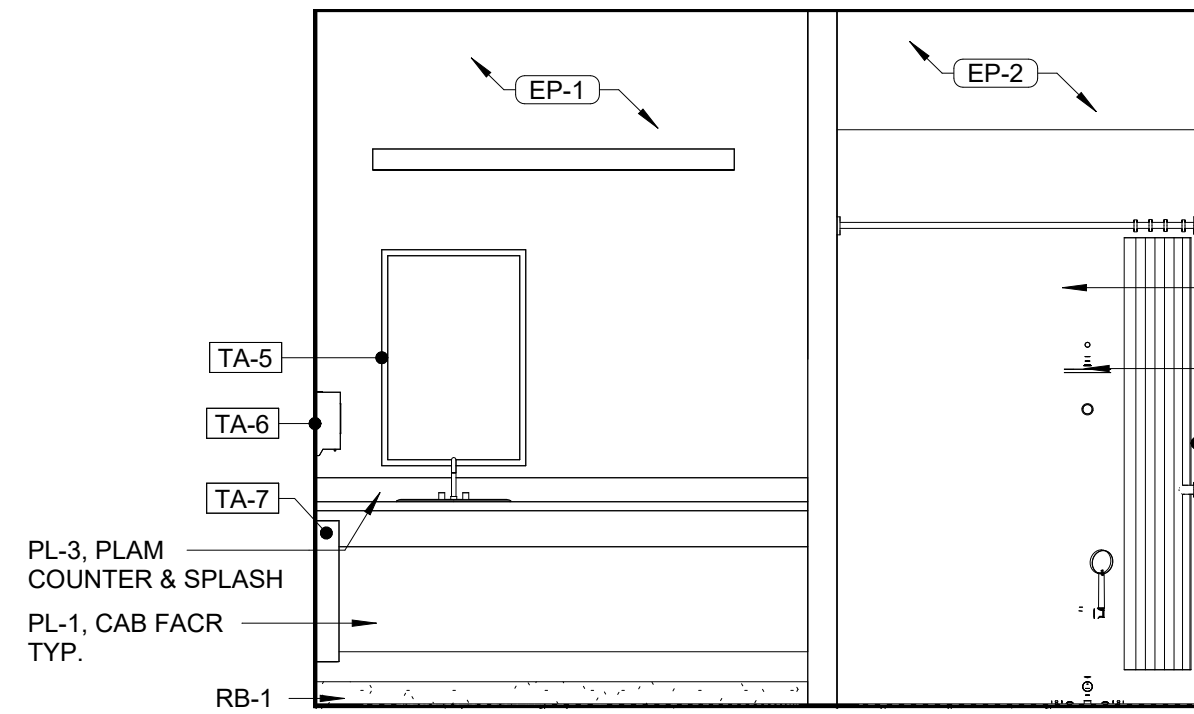
2 ENLARGED TOILET PLANS
3/8" = 1'-0"



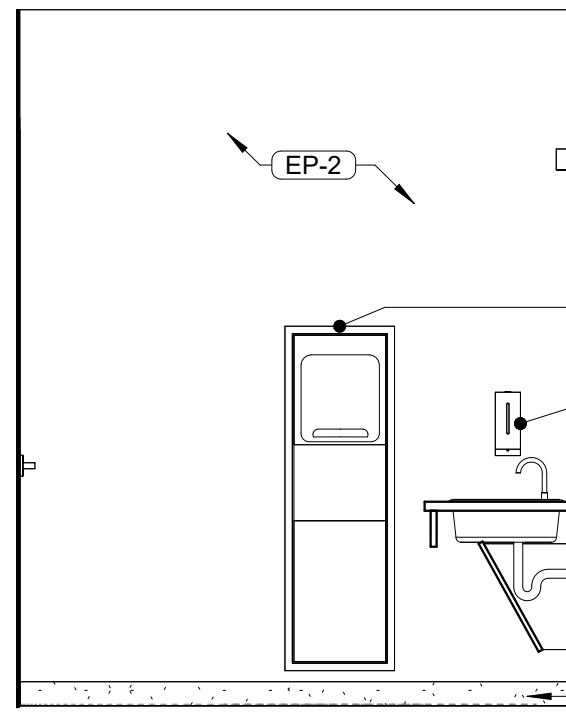
1 ENLARGED TOILET PLANS
3/8" = 1'-0"



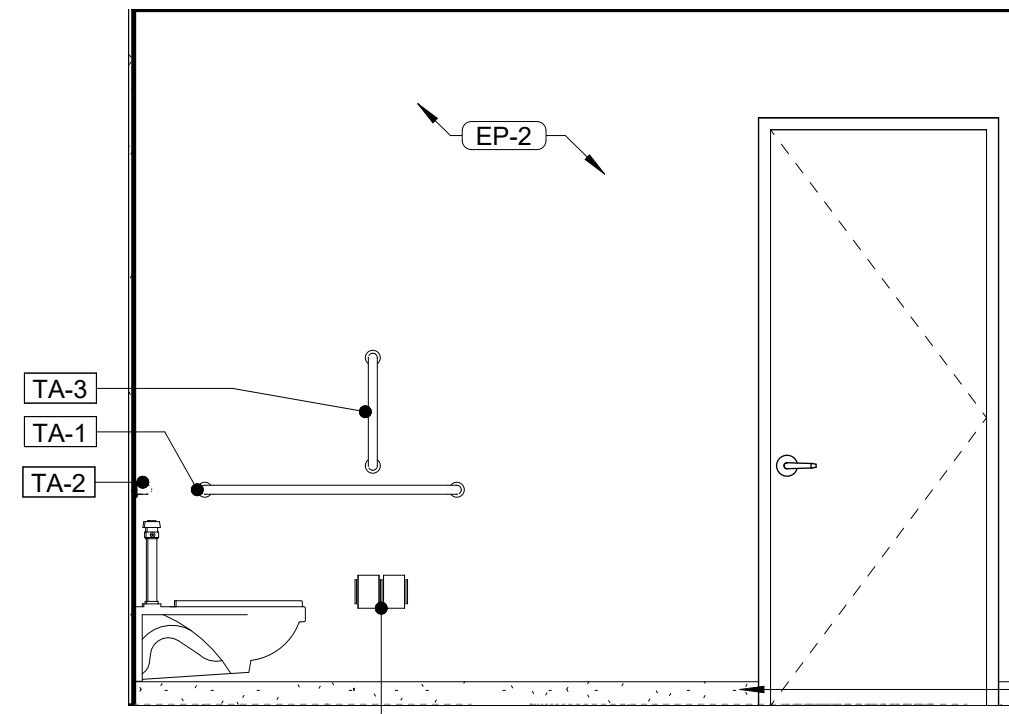
10 TOILET ELEVATION
3/8" = 1'-0"



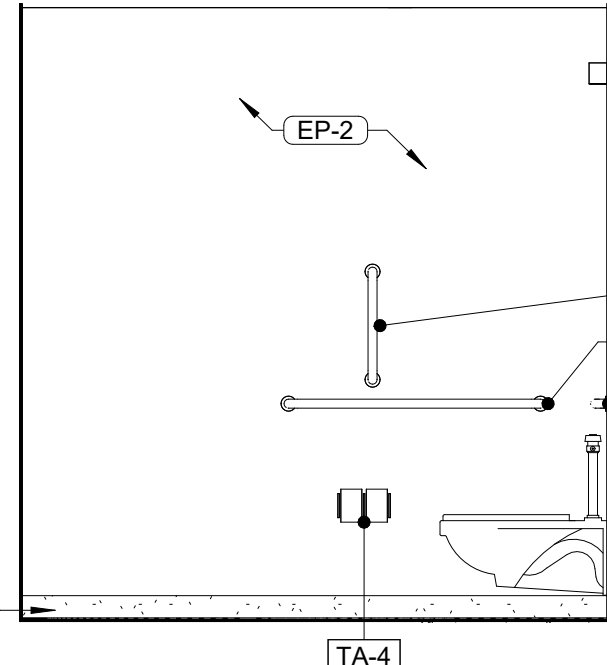
9 TOILET ELEVATION
3/8" = 1'-0"



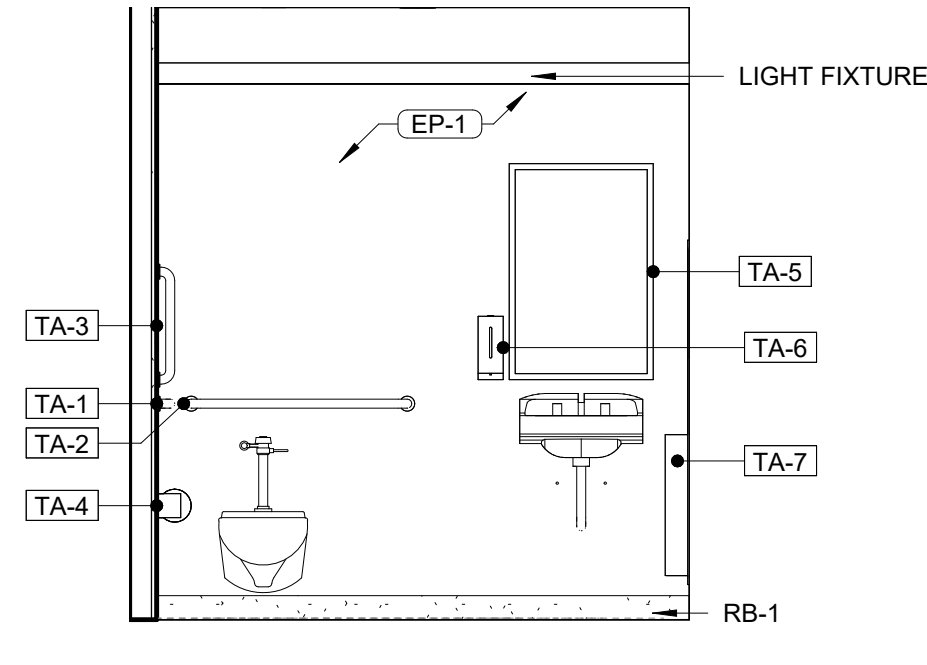
8 TOILET ELEVATION
3/8" = 1'-0"



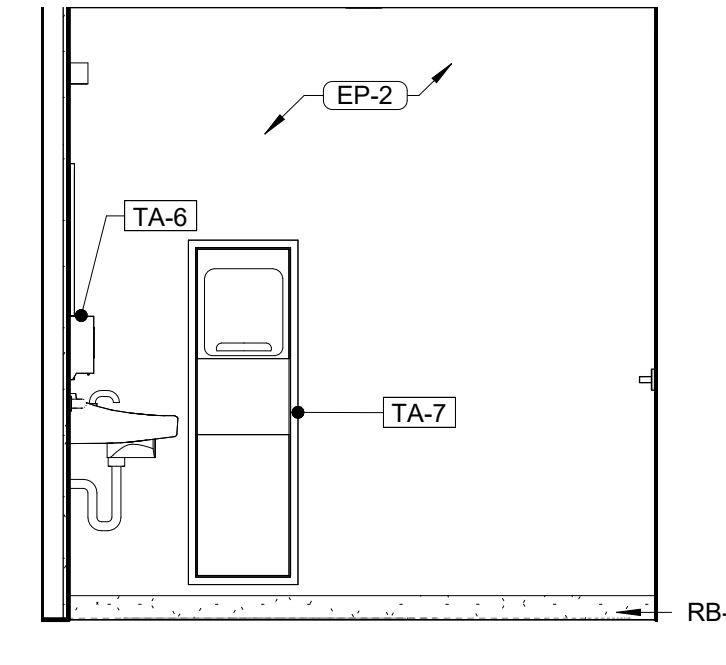
7 TOILET ELEVATION
3/8" = 1'-0"



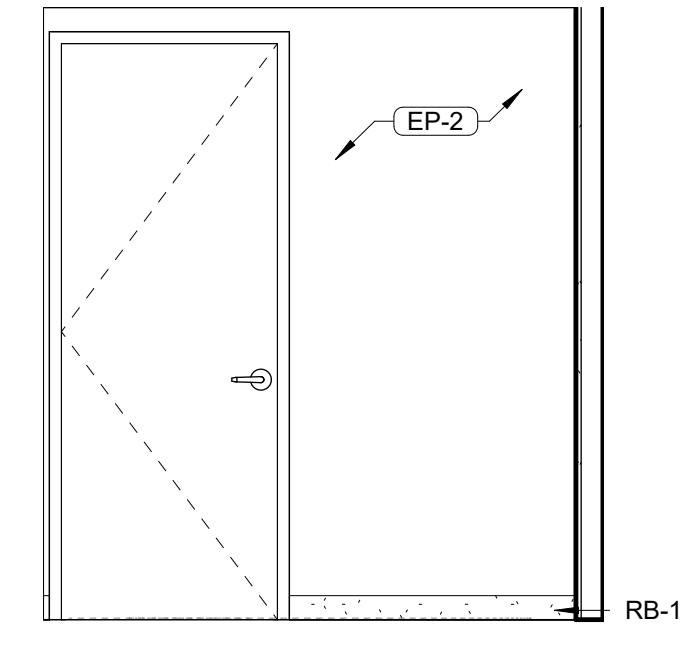
11 TOILET ELEVATION
3/8" = 1'-0"



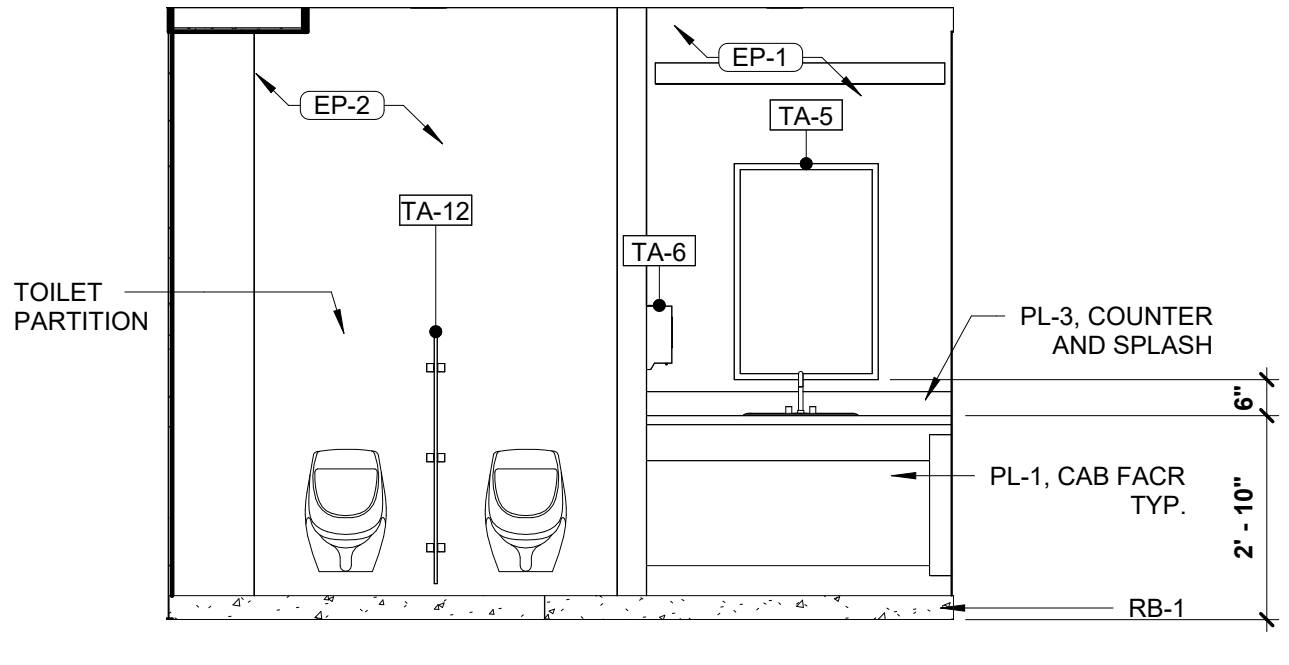
12 TOILET ELEVATION
3/8" = 1'-0"



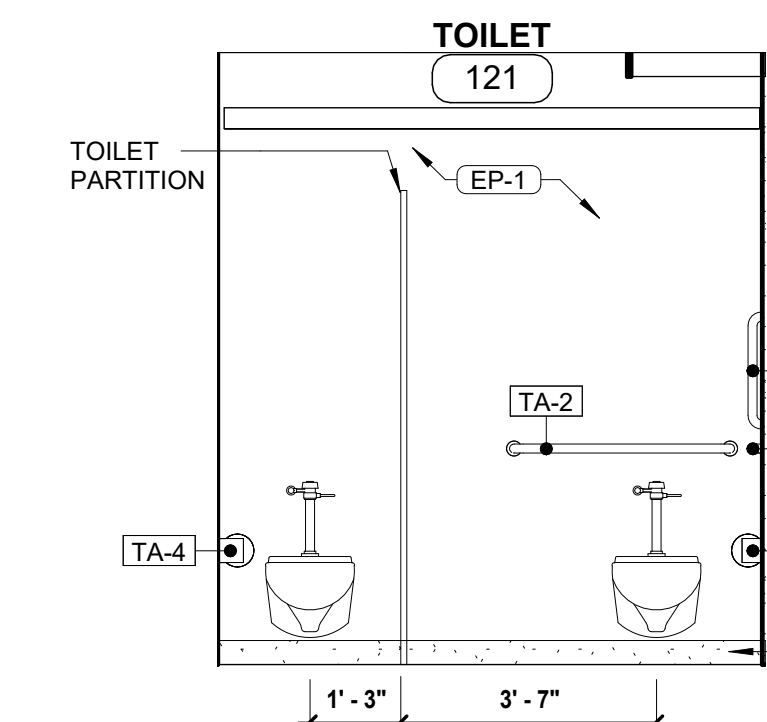
13 TOILET ELEVATION
3/8" = 1'-0"



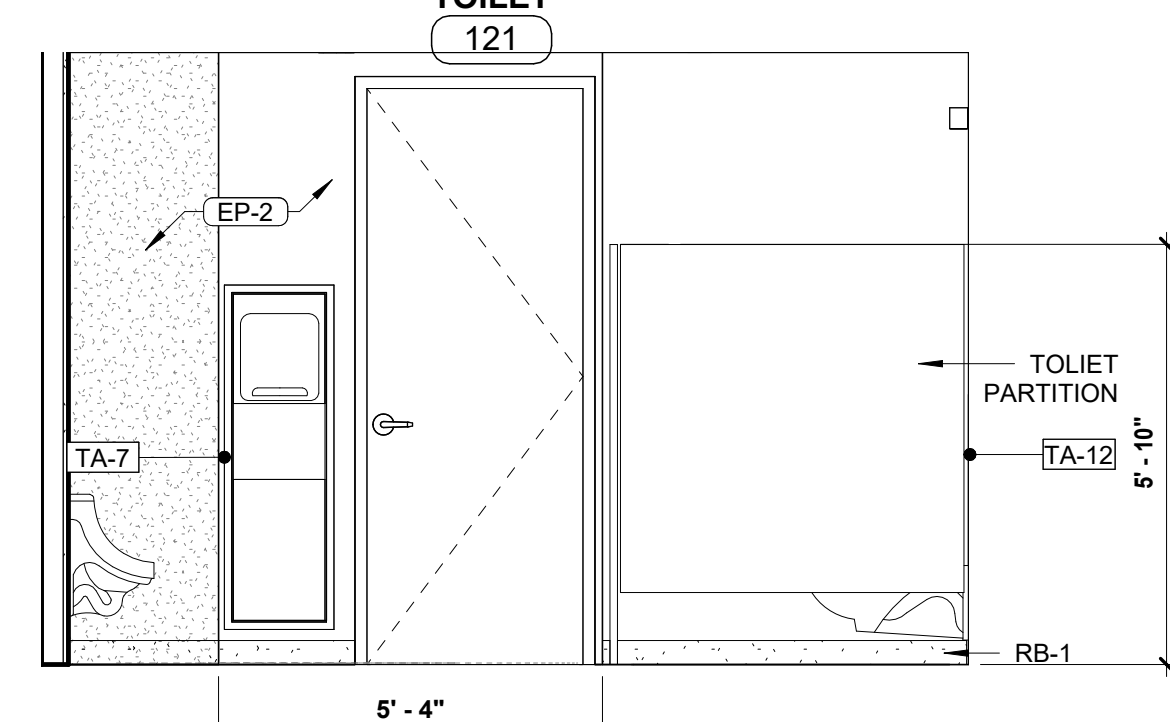
14 TOILET ELEVATION
3/8" = 1'-0"



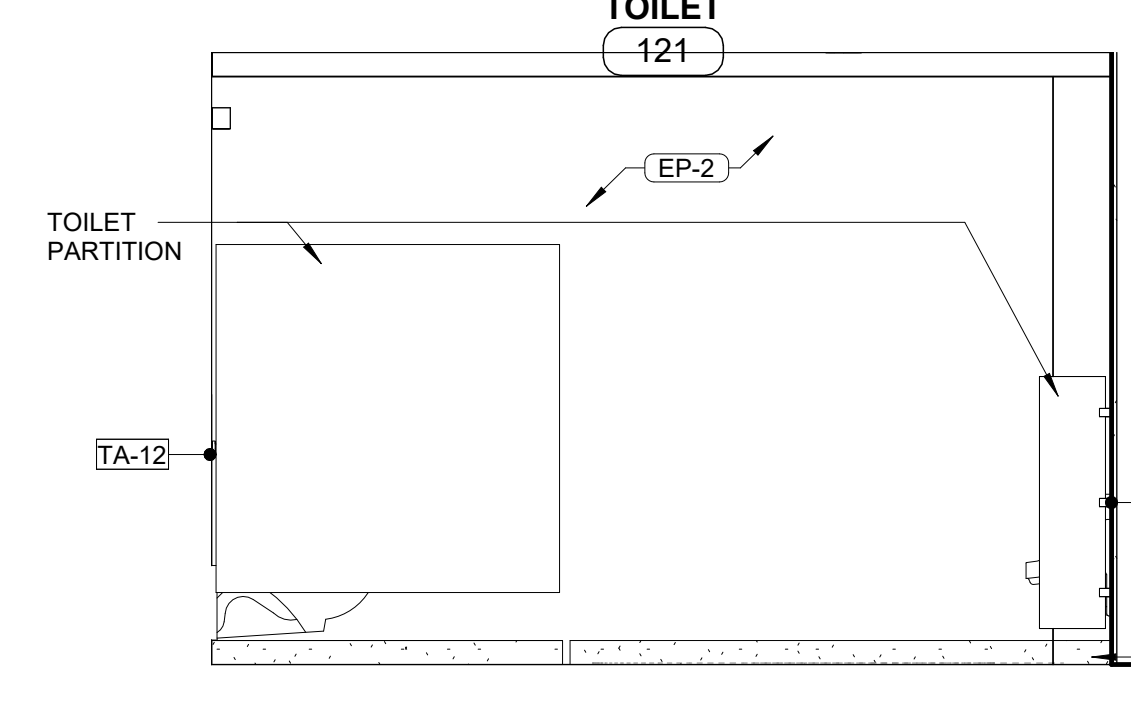
15 TOILET ELEVATION
3/8" = 1'-0"



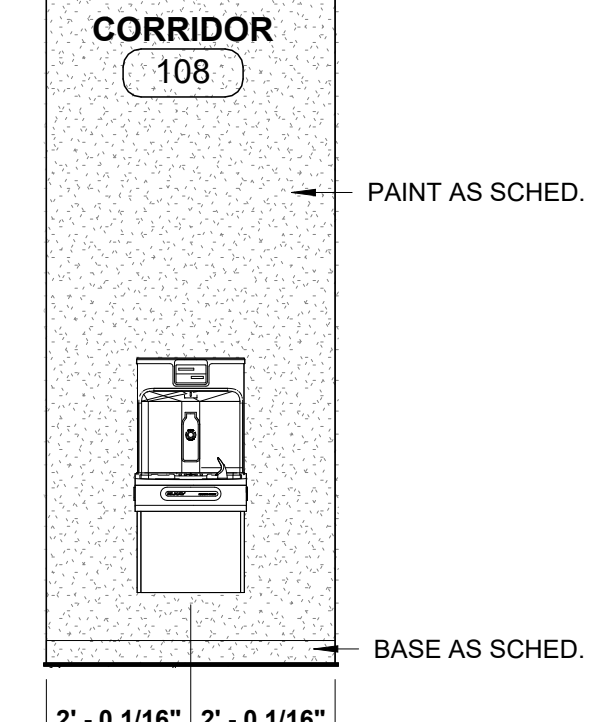
17 TOILET ELEVATION
3/8" = 1'-0"



16 TOILET ELEVATION
3/8" = 1'-0"



18 TOILET ELEVATION
3/8" = 1'-0"



19 WATER FOUNTAIN ELEV.
3/8" = 1'-0"

TOILET ACCESSORIES SCHEDULE				
Type Mark	Description	Manufacturer	Model	Comments
TA-1	STAINLESS STEEL GRAB BAR W/ CONCEALED MOUNTING	BOBRICK	B-6806-42	STAINLESS STEEL
TA-2	STAINLESS STEEL GRAB BAR W/ CONCEALED MOUNTING	BOBRICK	B-6806-36	STAINLESS STEEL
TA-3	STAINLESS STEEL GRAB BAR W/ CONCEALED MOUNTING	BOBRICK	B-6806-18	STAINLESS STEEL
TA-4	TOILET PAPER DISPENSER	BOBRICK	B540	SATIN
TA-5	Type 304 Stainless Steel	American Specialties	Type 01	SATIN
TA-6	SOAP DISPENSER	BOBRICK	B-2111	SATIN
TA-7	RECESSED PAPER TOWEL DISPENSER	BOBRICK	B-3940	STAINLESS STEEL
TA-8	SHOWER ROD / CURTAIN WITH HOOKS	BOBRICK	B-6047	STAINLESS STEEL
TA-12	TOILET PARTITIONS	SCRANTON	HINEY HIDERS	CONCRETE - ORANGE PEEL

- SHEET NOTES**
- FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF ANY MILLWORK, LOCKERS, SHELF UNITS, AND COUNTERS.
 - CONTRACTOR TO INSTALL WATER RESISTANT GYP BD & FRP AT MOP SINK LOCATIONS. SEE ENLARGED PLANS FOR DETAILS.
 - FOR PARTITION INFORMATION, REF A30.
 - FOR FINISH INFORMATION, REF A510.
 - ALL WALL TYPES CONFORM TO PARTITION TYPES INDICATED OTHERWISE ON FLOOR PLANS, ENLARGED PLANS, OR WALL SECTIONS.
 - ALL DRYWALL JOINTS TO BE TAPED.
 - ALL DRYWALL BELOW FINISHED CEILING TO BE PREPARED FOR PAINTING AS INDICATED ON INTERIOR ELEVATIONS AND FINISH SCHEDULE.
 - FURNITURE AND EQUIPMENT PLANS, REF A511.
 - ANY PLUMBING LOCATED IN EXTERIOR WALL TO BE INSULATED.
 - PORTABLE FIRE EXTINGUISHER PER NFPA-10 INSTALLED PER
 - PLANS AND SUBJECT TO LOCAL JURISDICTION APPROVAL.

COLOR LEGEND	
TAG	COLOR
EP-2	SW7667 "ZIRCON"



PROJECT TITLE

CONTENTS

REVISIONS

SHEET

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

ENLARGED TOILET PLANS AND
ELEVATIONS

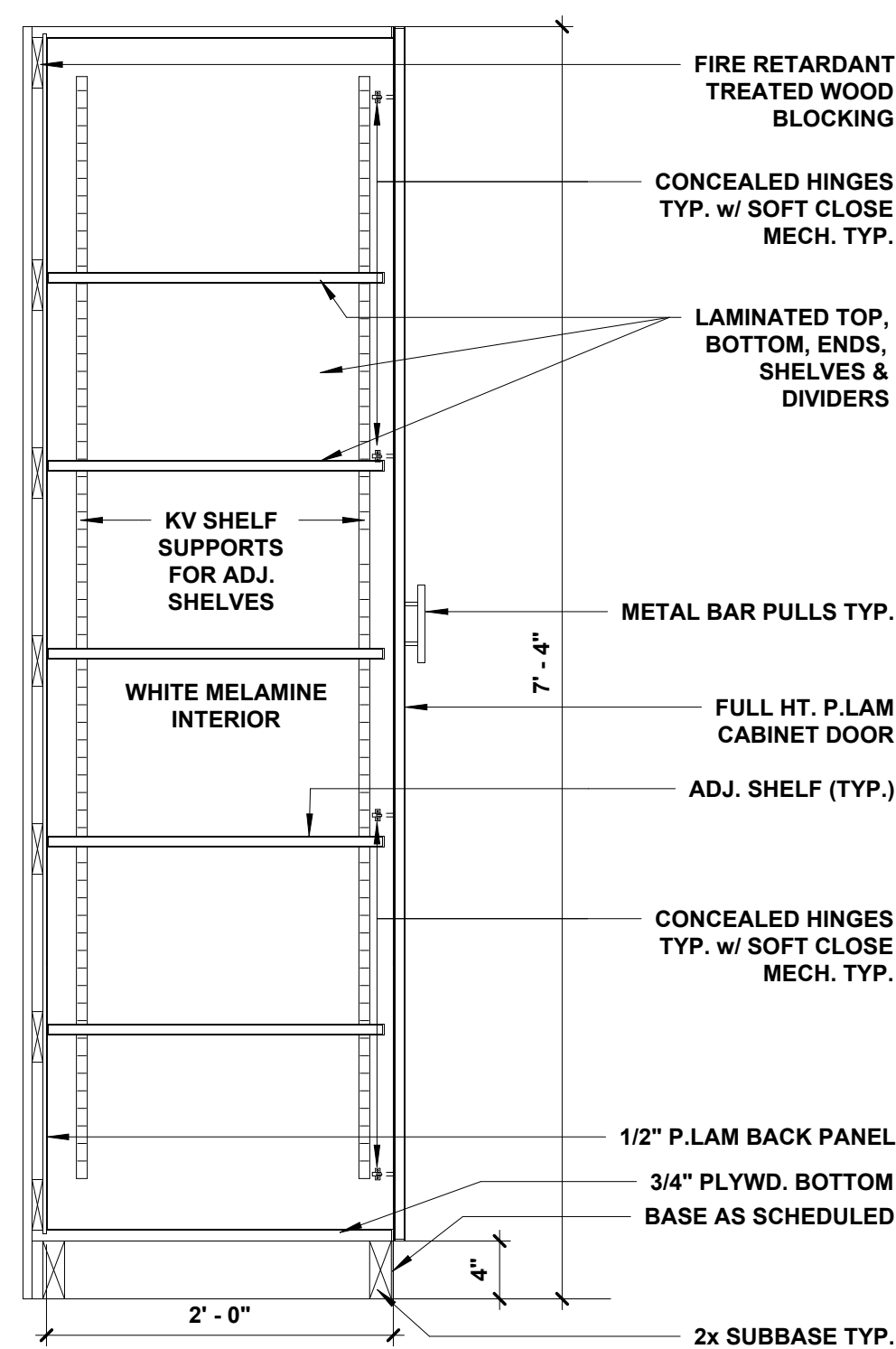
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2	04/03/25	POST BID #1

24-096
JOB. NO.
02.14.2025
DATE

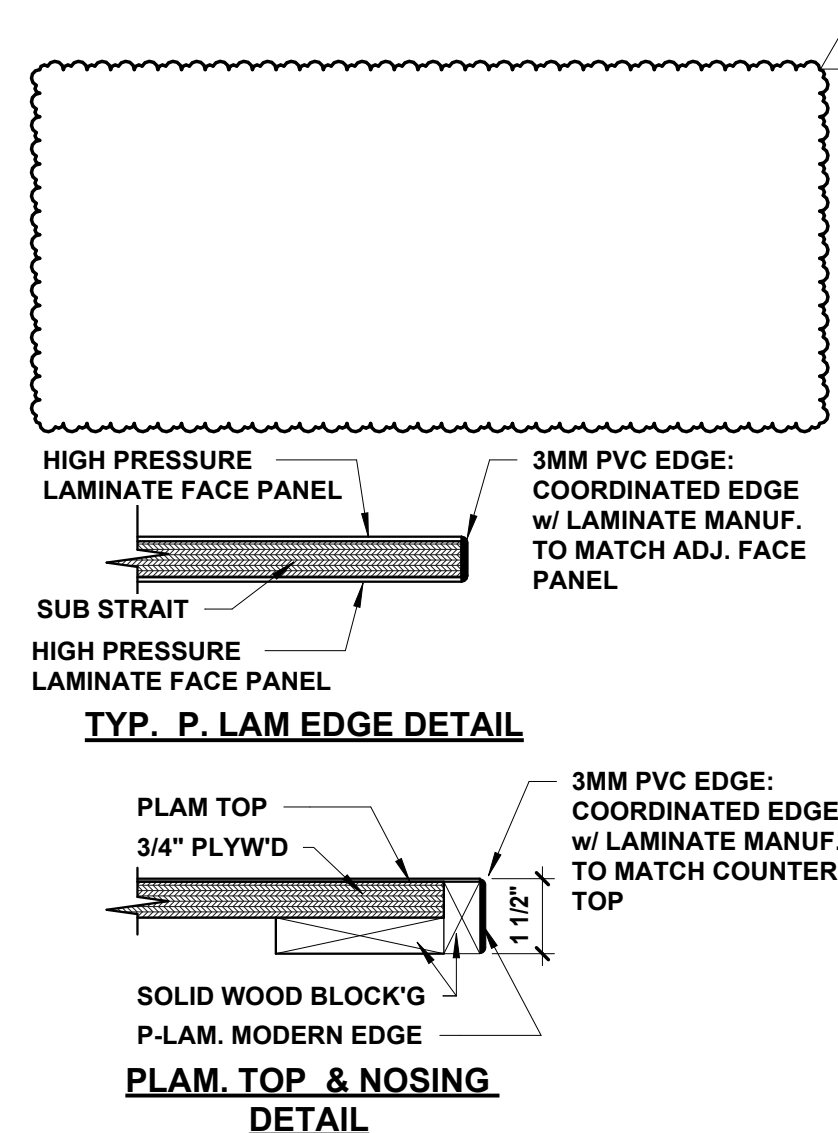
ISSUE
A420

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	THB6144 - 5MM SPOON	NICKEL	5/16"	ALL SHELVES WITH ADJUSTABLE CLIPBETS
H5	COAT HOOK - RESTROOM	X	MOCKETT	BARREL COAT HOOK HK22	SATIN ALUMINUM (94)	-	-
H6	PULL-OUT TRASH CAN - KITCHENETTE AND CONFERENCE	X	SALICE	OPAM12135C		19 5/8"	REF. ELEVATIONS FOR LOCATIONS
H7	SOFT CLOSE DRAWER SYSTEM	X	ACQUFRE	3832	ZINC		ALL DRAWERS TO BE SOFT CLOSE

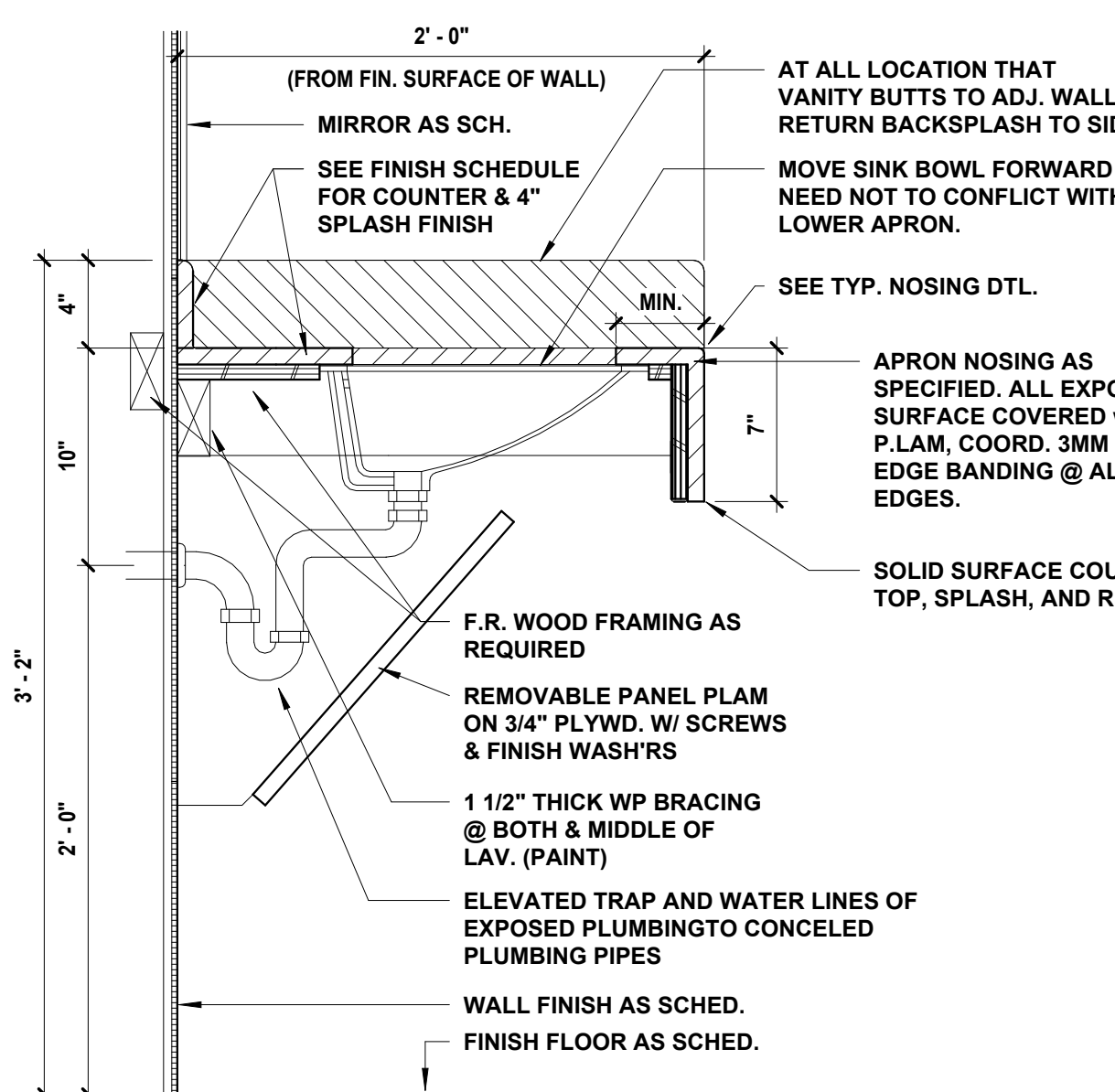
- ## SHEET NOTES
1. PROVIDE GROMMETS AS REQUIRED FOR TELEPHONES, ELECTRICAL EQUIPMENT, COMPUTERS, MONITORS, ETC. (FIELD LOCATE). USE ELECTRICAL AND SYSTEM PLANS. VERIFY WITH OWNER ANY AND ALL OTHER EQUIPMENT AS NEEDED.
 2. LOCATION OF GROMMETS ON HORIZONTAL SURFACES TO BE VERIFIED BY ARCHITECT PRIOR TO INSTALL.
 3. ALL SOLID SURFACE COUNTER WITH 4" BACKSPASH 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 EDGE TO BE COORDINATED TO MATCH FACE LAMINATE ON ALL MILLWORK.
 7. ALL STAIN GRADE MILLWORK TO "PREMIUM GRADE A.W.I. FINISH STANDARDS.



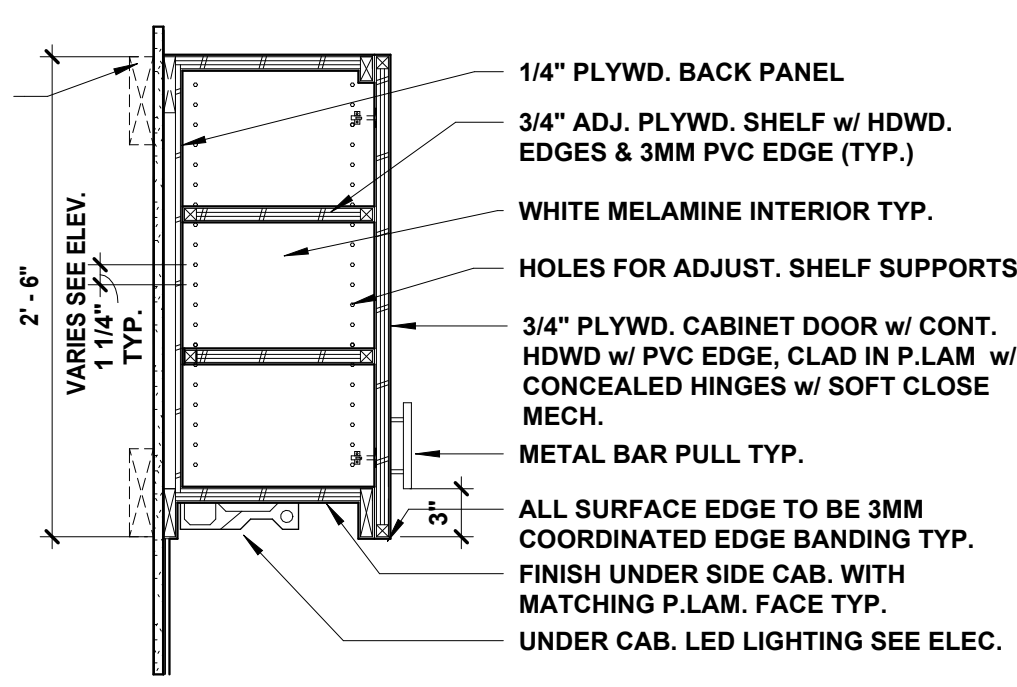
**MILLWORK DETAIL - FULL HEIGHT
CABINET W/DOOR**
1" = 1'-0"



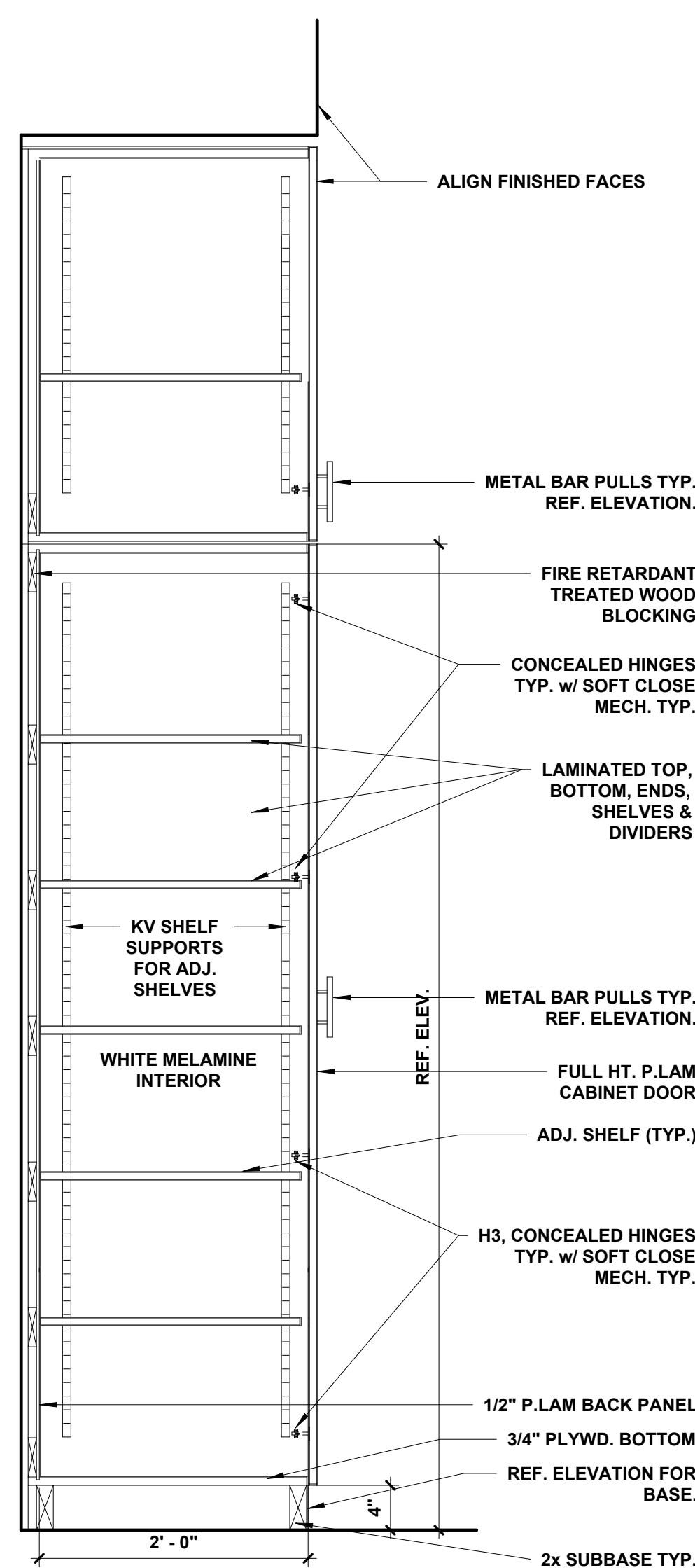
**MILLWORK DETAIL - COUNTERTOP,
NOSING & EDGE PROFILES**



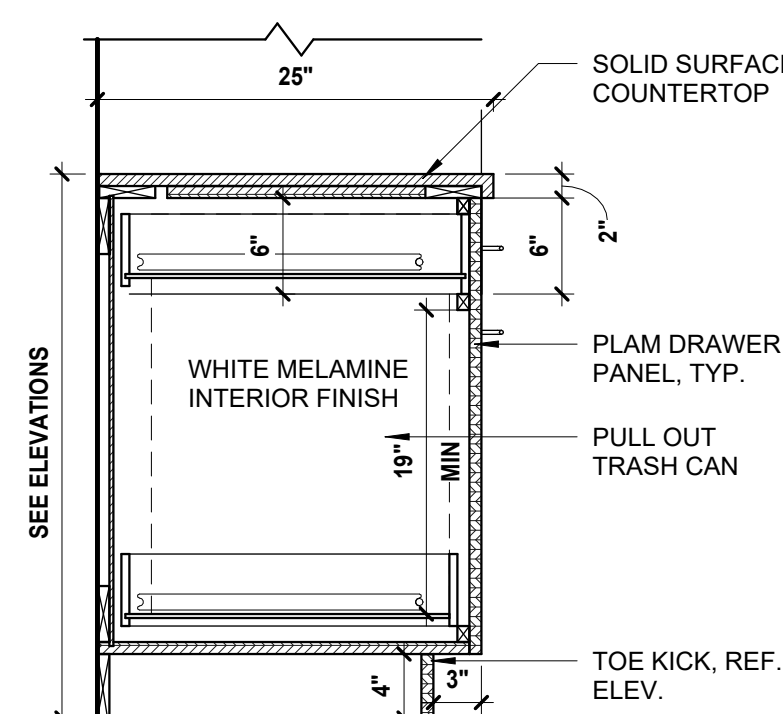
NOTE: AT ALL SINK OR VANITY USE WATER RES. EXTERIOR GRADE PLY.
MILLWORK DETAIL - HANGING VANITY
SECTION
 15 1 1/2" = 1'-0"



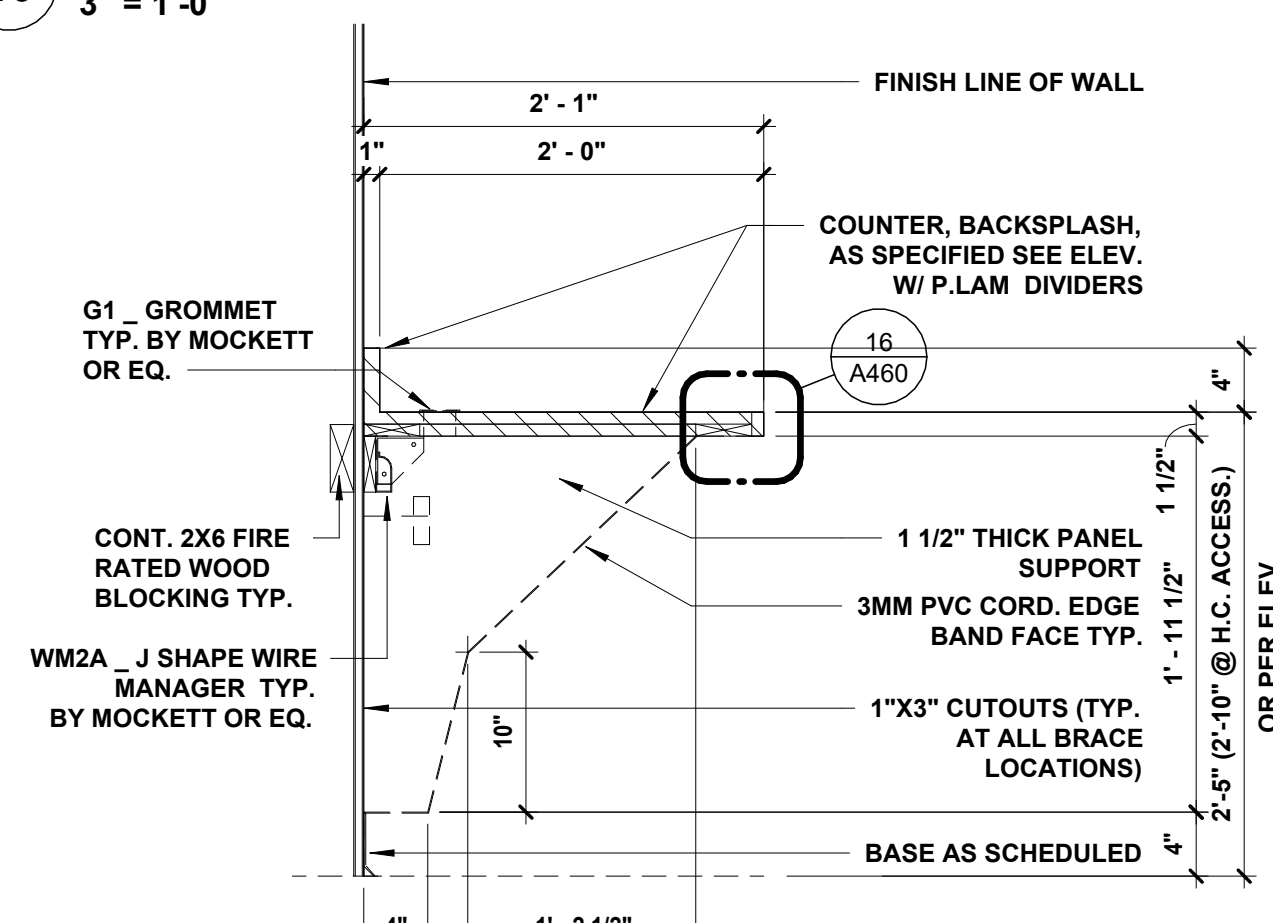
MILLWORK DETAIL - UPPER CABINET TYP.
14 UNDER CABINET LIGHTING
1" = 1'-0"



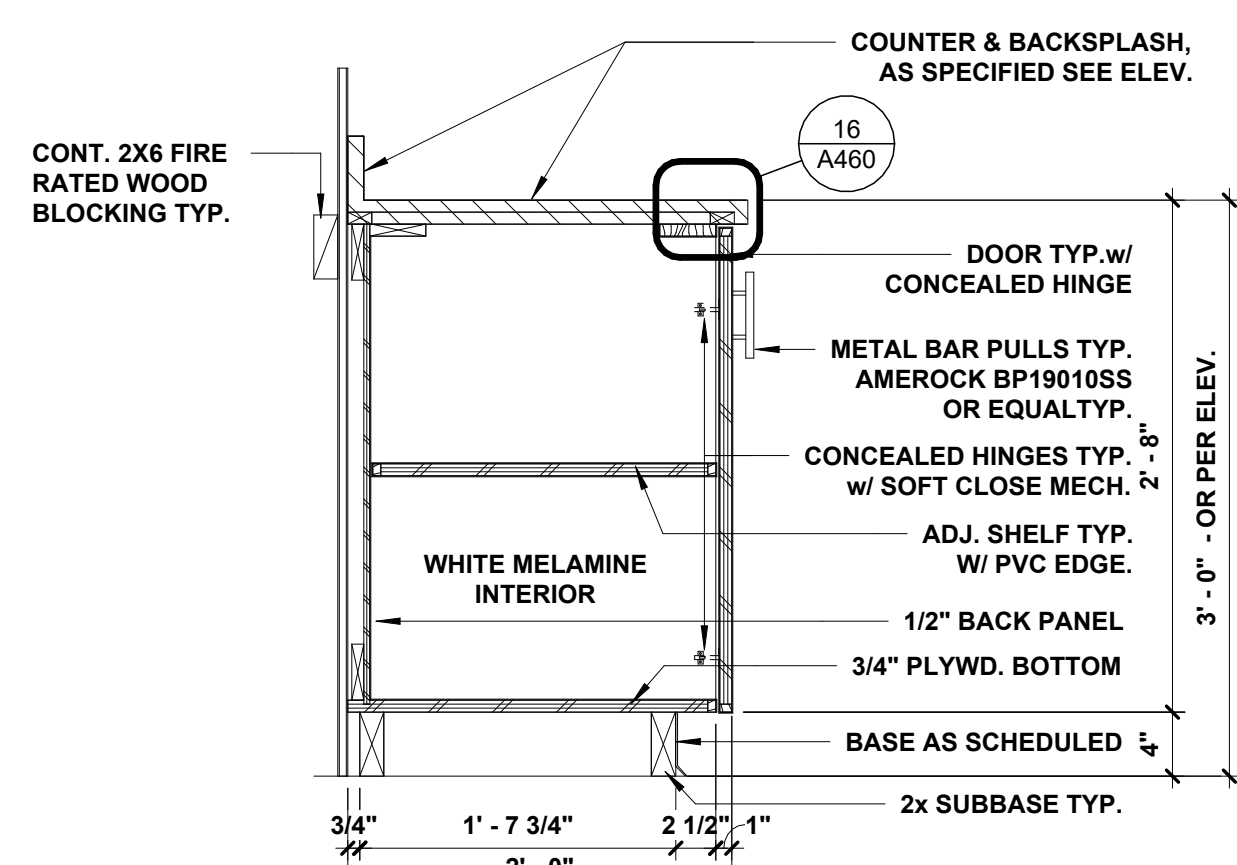
9 FULL HEIGHT CAB.
1" = 1'-0"



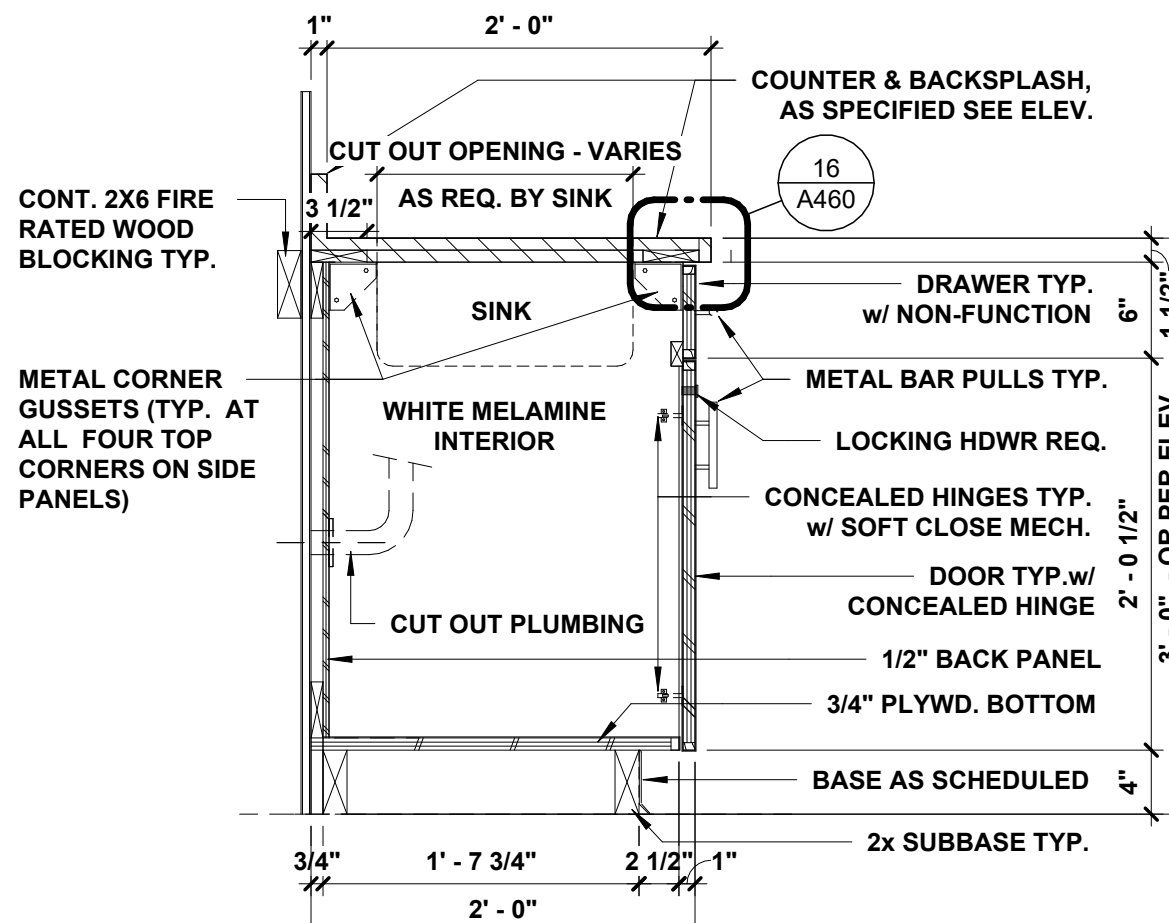
13 TRASH PULLOUT CABINET
1" = 1'-0"



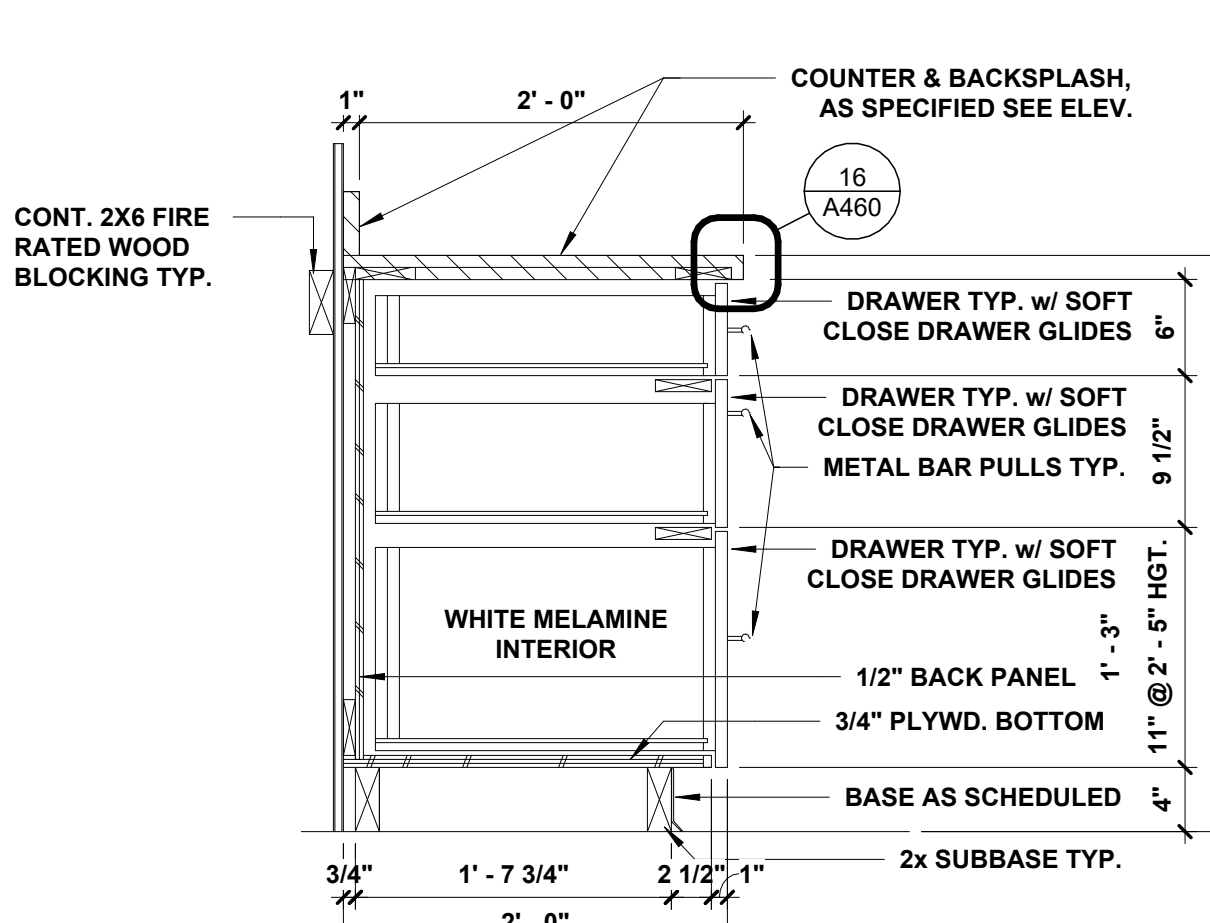
**12 MILLWORK DETAIL - BASE CABINET -
WORK SURFACE**
1" = 1'-0"



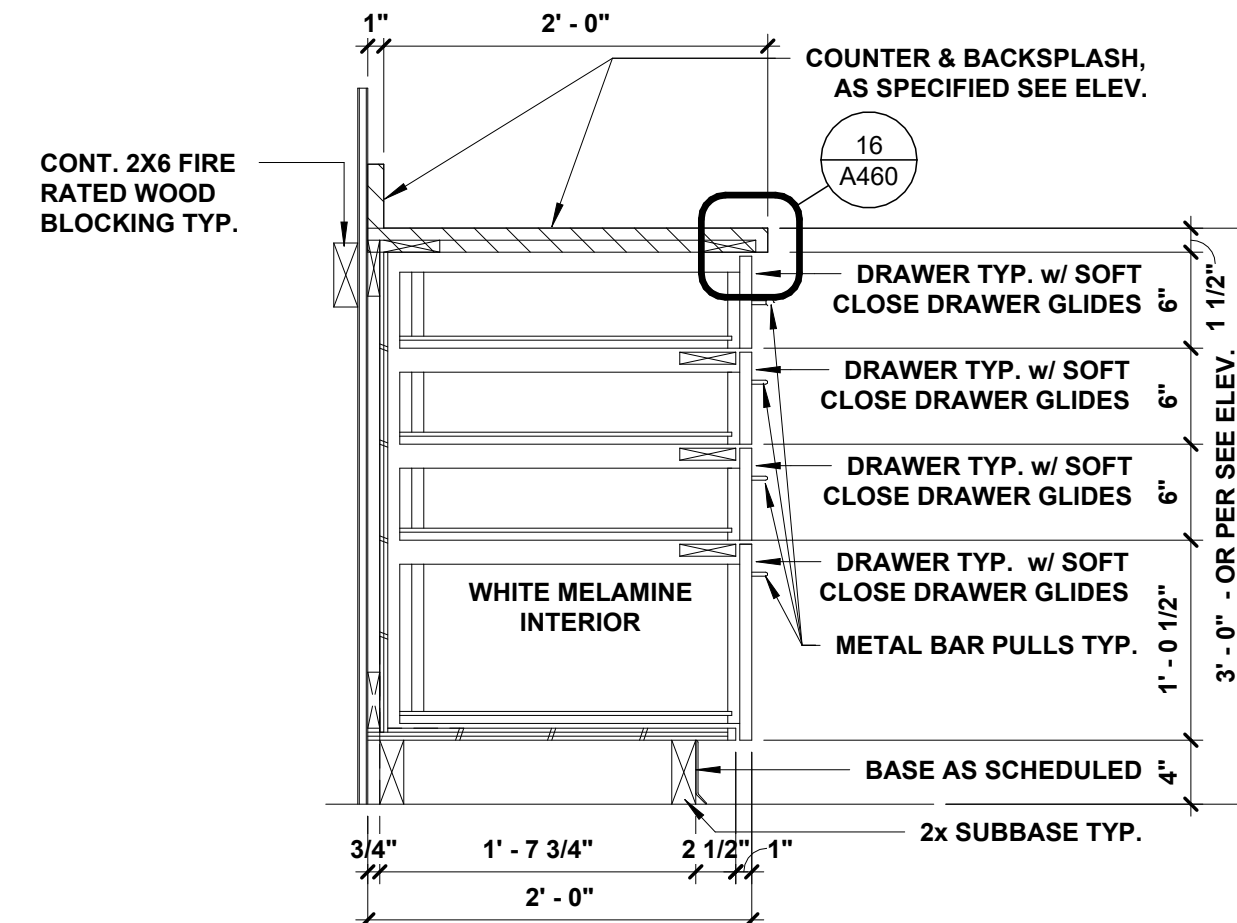
**MILLWORK DETAIL - BASE CABINET -
DOOR**



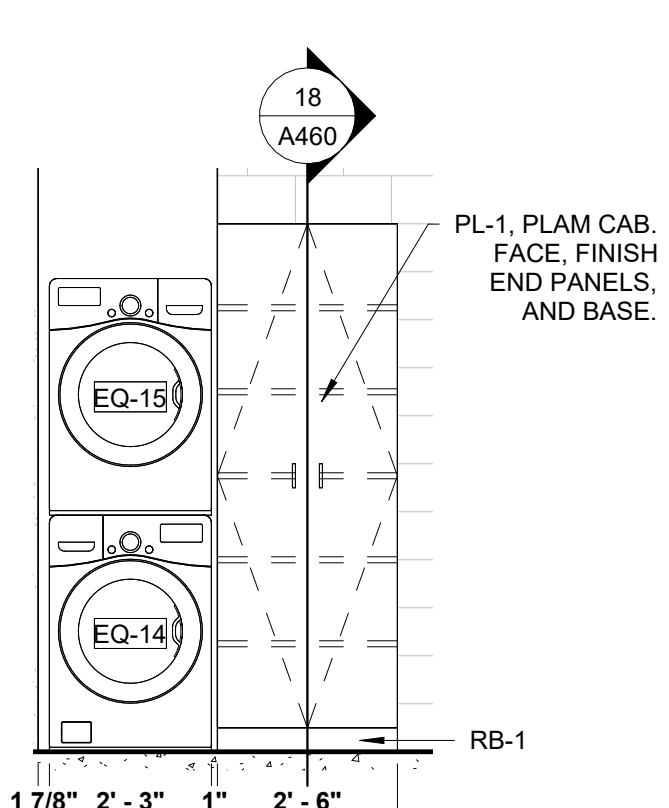
MILLWORK DETAIL - BASE CABINET - SINK & DOOR
1" = 1'-0"



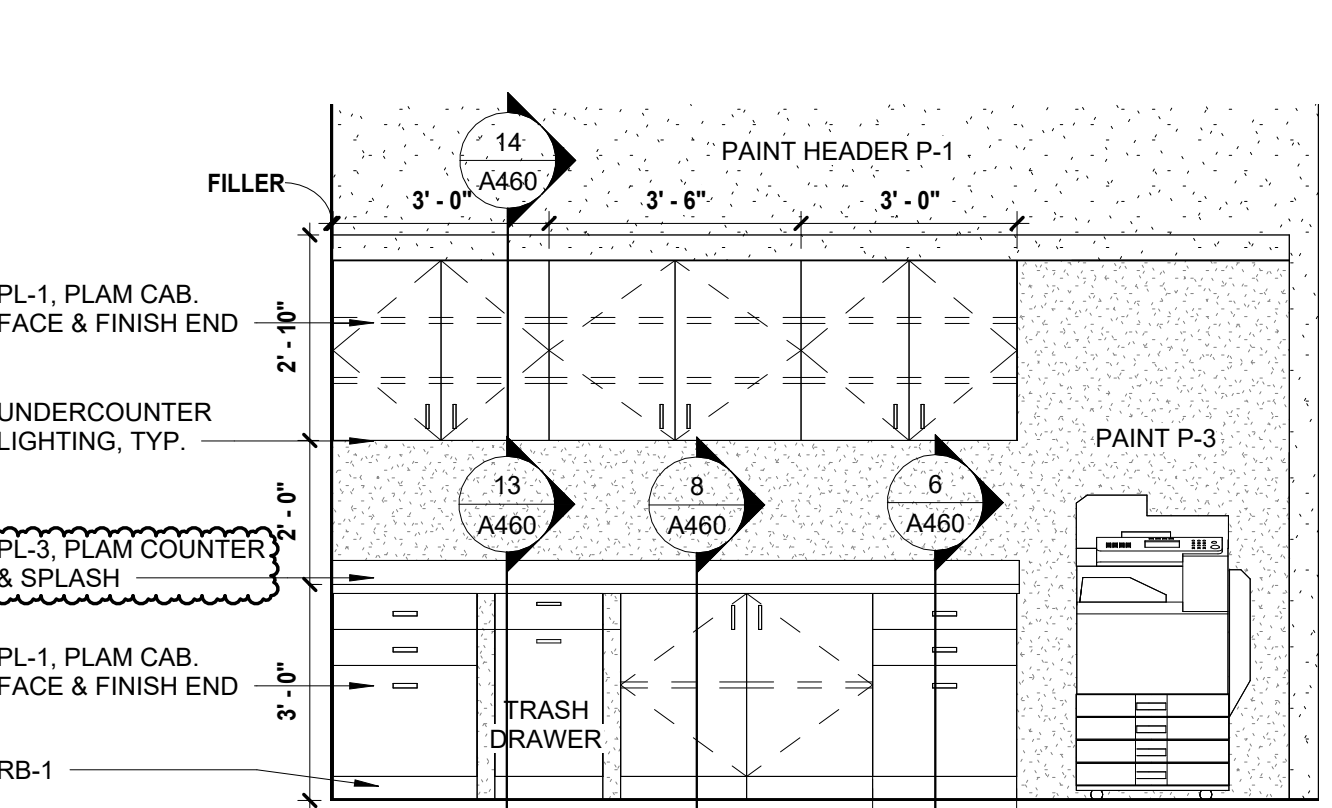
MILLWORK DETAIL - BASE CABINET - 3
DRAWER
1" = 1'-0"



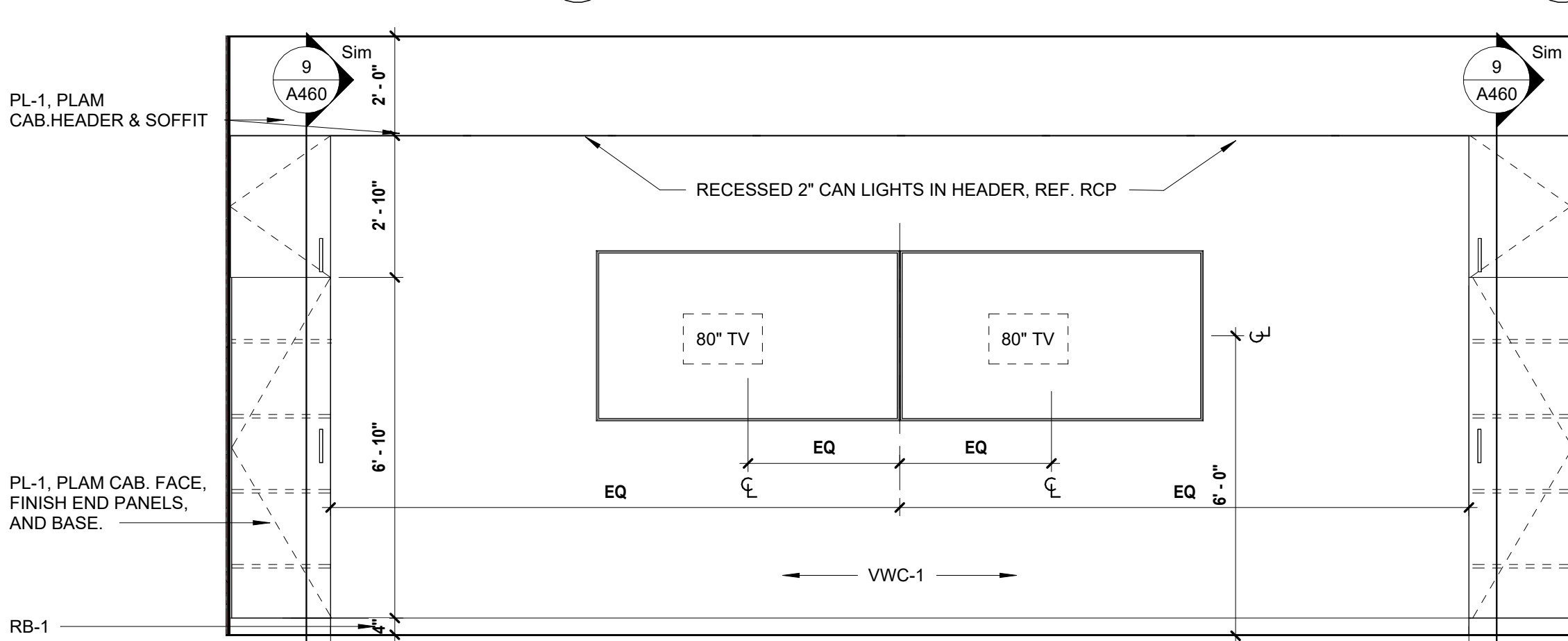
**5 MILLWORK DETAIL - BASE CABINET 4
DRAWER**
1" = 1'-0"



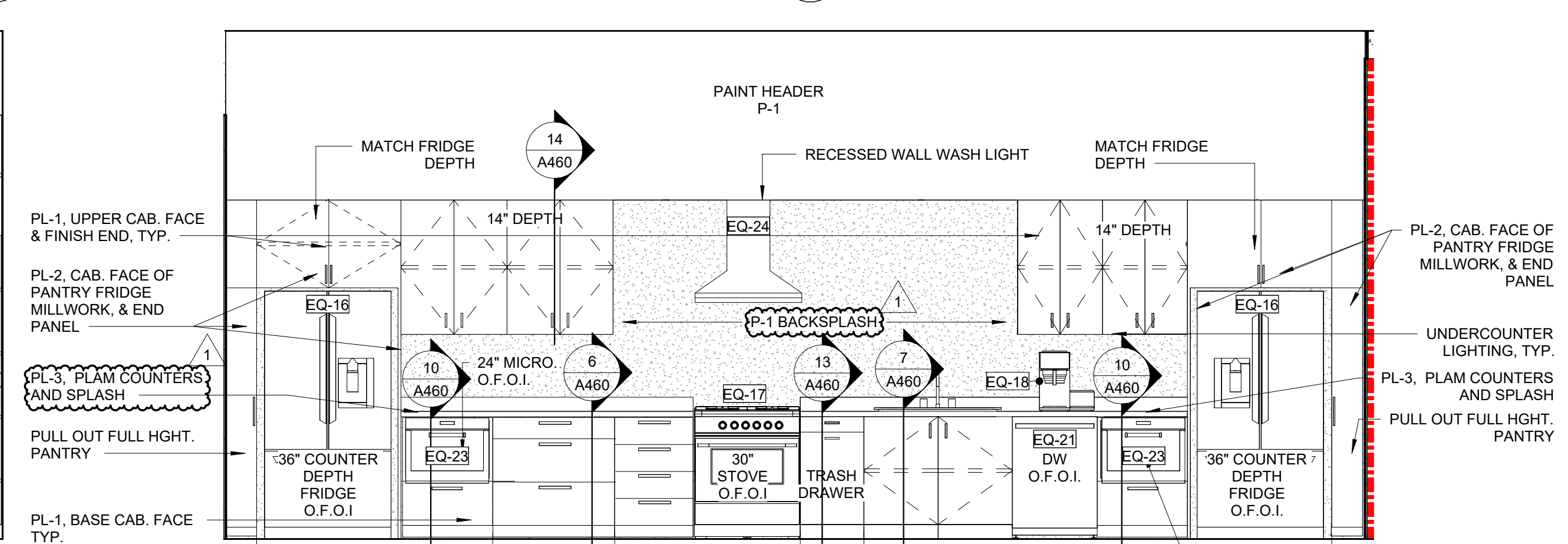
4 LAUNDRY AREA
3/8" = 1'-0"



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

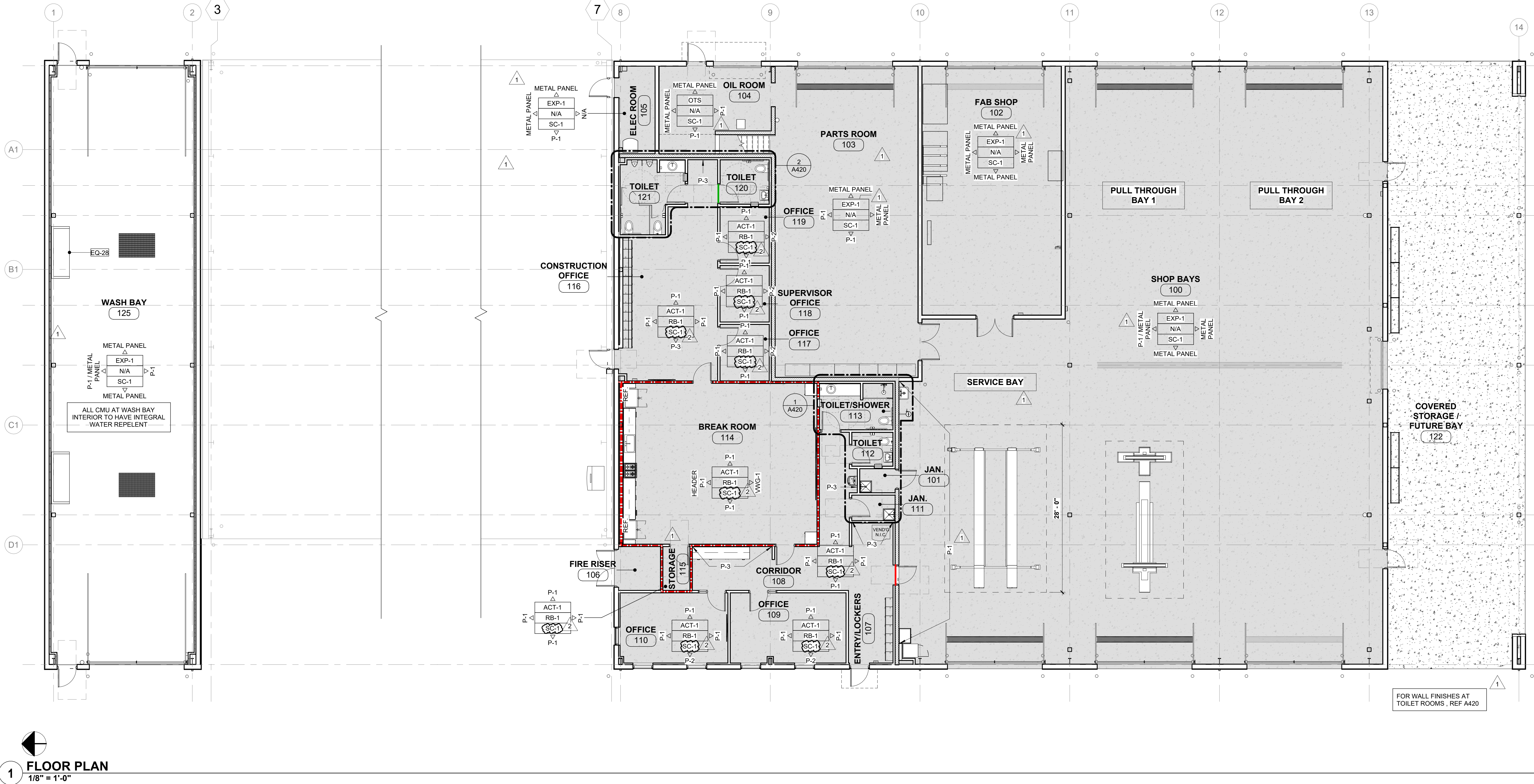


2 BREAKROOM ELEVATION
3/8" = 1'-0"

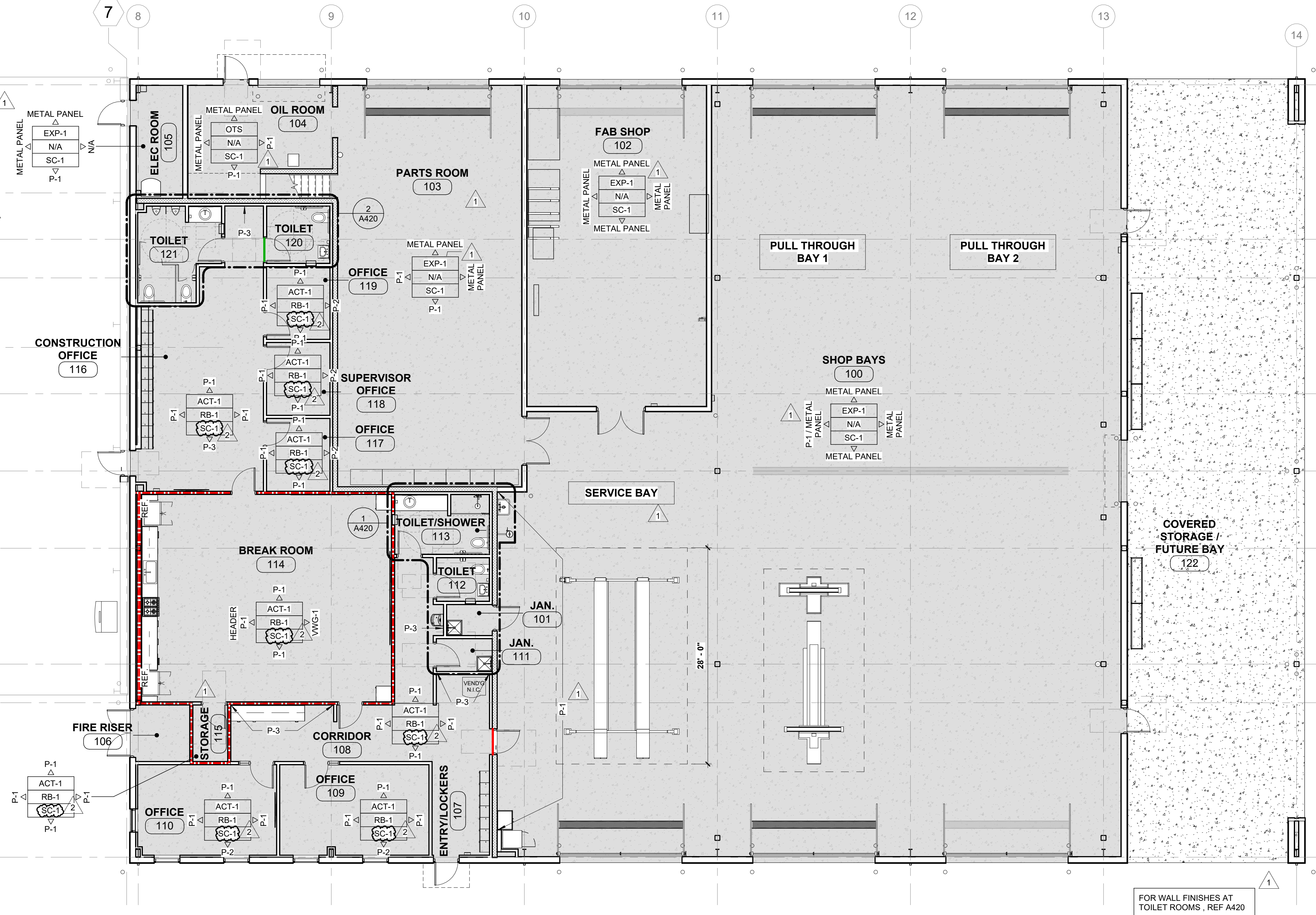
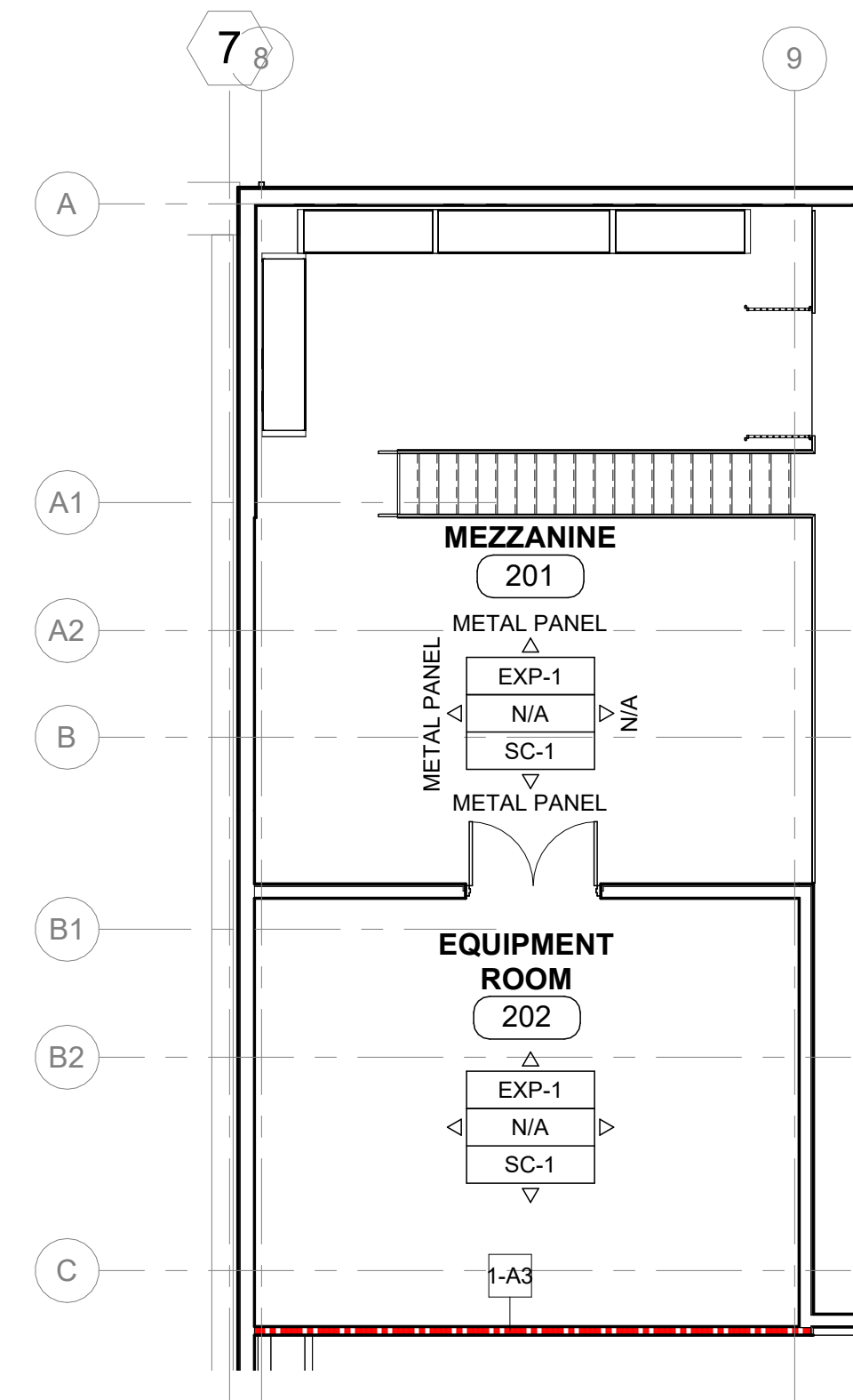


1 BREAKROOM ELEVATION
3/8" = 1'-0"

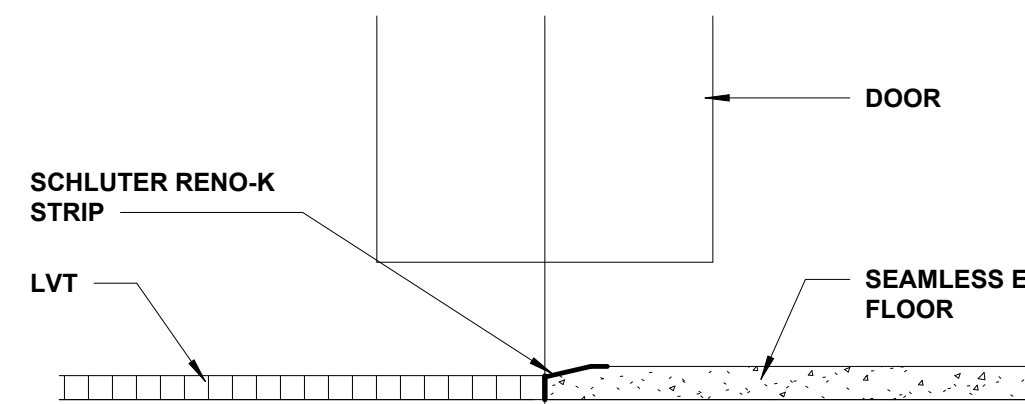
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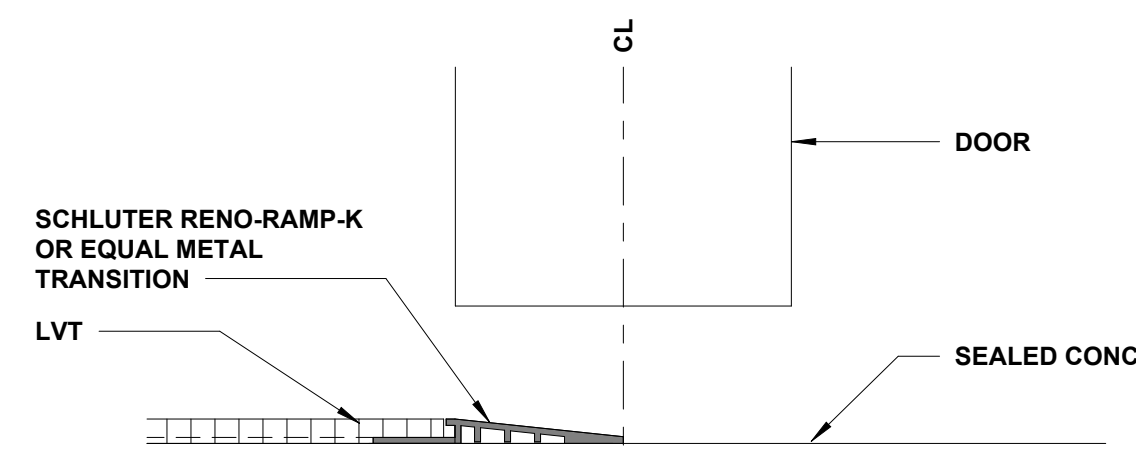
5 MEZZANINE FINISH PLAN
1/8" = 1'-0"



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



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



2 PRODUCT LEGEND									
KEY	GENERIC DESCRIPTION	MANUFACTURER	STYLE	COLOR	FINISH	DIMENSIONS	LAYOUT	REMARKS	
BASE									
RB-1	RESILIENT BASE	JOHNSONITE	4" RUBBER BASE	283 TOAST	MATTE	4"	4' LENGTHS		
CEILING									
ACT-1	ACOUSTIC CEILING TILE	USG	Mars™ High-NRC Acoustical Panels	WHITE	SMOOTH	2' X 2' TILE	15/16" GRID	Item: 88137	
EXP-1	EXPOSED INSULATION		DOUBLE LAYER ROOF INSULATION	WHITE	FLAT				
GYP-1	GYPSUM BOARD CEILING - PAINTED	SHERWIN WILLIAMS	PAINTED EP-2						
FLOOR									
SC	SEALED CONCRETE								
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	
PL-3	PLASTIC LAMINATE	WILSONART	5012K-19	MAGNOLIA	SMOOTH				
TRANSITION STRIP									
TS-1	METAL TRANSITION STRIP	SCHLUTER	JOLLY	STAINLESS STEEL				RESTROOM	
TS-2	METAL TRANSITION STRIP	SCHLUTER	SCHIENE	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									
CG-1	CORNER GUARD	CONSTRUCTION SPECIALTIES	VA SERIES - VA-034N	COLOR TBD	PLASTIC	6"			
EP-1	EPOXY PAINT	SHERWIN WILLIAMS	SW 6187	ROSEMARY	EGGSHELL			BATHROOM SINK 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			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	
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, PL-3.
 - 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, CG-1, 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. DO NOT PAINT EXPOSED METAL PANEL.

REGISTERED ARCHITECTS
WILLIAM DELORENZO
DAVIDSON, INC.
ARIZONA

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

PROJECT TITLE

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NO.	DATE	DESCRIPTION
1	03/10/25	ADD #2
2	04/03/25	POST BID ADD #1

24-096

JOB. NO.

02.14.2025

DATE

ISSUE

A610

RACKING 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	

EQUIPMENT SCHEDULE									
TAG	DESCRIPTION	MANUFACTURER	MODEL	OFCI	OFOI	CFCI	COMMENTS		
EQ-1	VERTICAL AIR COMPRESSOR	QUINCY			X				
EQ-2	TRASH CART	ULINE			X				
EQ-3	30K 4-POST / ALIGNMENT LIFT	CHALLENGER LIFTS	4030		X				
EQ-4	MODULAR INGROUND LIFT	ROTARY LIFT	MOD235-18	X			REF. NOTE 5		
EQ-5	MODULAR INGROUND LIFT POWER UNIT	Rotary Lift	PLC Power Unit	X			REF. NOTE 5		
EQ-6	WELDER W/ RUNNING GEAR	MILLER			X				
EQ-7	FIRE CABINET	ULINE	H-1565		X				
EQ-8	INDUSTRIAL TABLE (90"W X 30"D)				X				
EQ-9	POWDER COAT OVEN (48"W X 48"D X 60"H)				X				
EQ-10	INDUSTRIAL SHELVING (90"W X 24" D)	Southwest Solutions Group, SPA	WS		X				
EQ-11	OIL TANKS				X				
EQ-12	USED OIL CONTAINER	ROTH	DWT 1500L		X				
EQ-13	FRONT LOAD WASHER	SPEED QUEEN	SF7007WE		X				
EQ-14	FRONT LOAD DRYER	SPEED QUEEN	SF7007WE		X				
EQ-15	FRENCH DOOR REFRIGERATOR	KITCHENAID	KWC302ESS		X				
EQ-16	30" ELECTRIC COOKTOP & DOUBLE OVEN	KITCHENAID	KFED500ESS		X				
EQ-17	COFFEE MAKER	BUNN	H-10899		X				
EQ-18	RELOCATED ICE MACHINE				X				
EQ-19	COPIER MACHINE - RELOCATED				X				
EQ-20	24" BUILT-IN DISHWASHER	KITCHENAID	KDTE204KPS		X				
EQ-21	VERSAMAX PHENOLIC LOCKERS- 18" X 18"	LIST INDUSTRIES			X				
EQ-22	BUILT-IN MICROWAVE OVEN	KITCHENAID	KMBD104GSS		X				
EQ-23	RANGE HOOD	VENTAHOOD	PDL14130		X				
EQ-24	OVERHEAD SINGLE GIRDER TRAVELING CRANE	KONECRANES	101	X			REF. NOTE 6		
EQ-25	FLAT SCREEN TV		100124MM-01		X				
EQ-26	FLAT SCREEN TV		80" SHOWN		X		OWNER TO PROVIDE BRACKET & DEVICE		
EQ-27	FLAT SCREEN TV		80" SHOWN		X		OWNER TO PROVIDE BRACKET & DEVICE		
EQ-28	HIGH PRESSURE CLEANING SYSTEM	PSC CLEAN	ES429K424A		X		REF. NOTE 7		

- SHEET NOTES
1.

NO FINISH SUBSTITUTIONS MAY BE MADE UNLESS APPROVED BY ARCHITECT.
2.

NOTIFY ARCHITECT IMMEDIATELY OF ITEMS WITH LONG LEAD TIMES.
3.

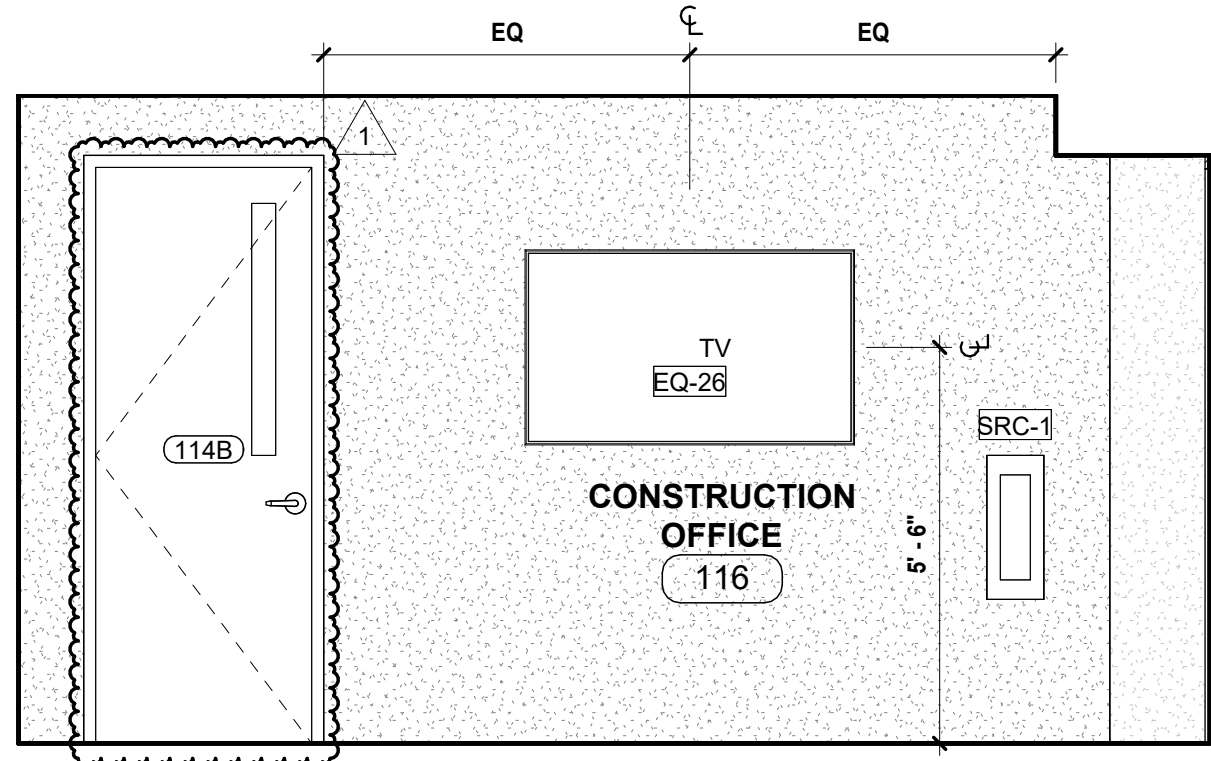
CONTRACTOR TO COMPLY WITH MANUFACTURER'S SPECIFICATIONS FOR INSTALLATION OF ALL FLOORING, AND FINISHES. GROUT LINES FOR TILE BASE AND FLOOR TILE TO ALIGN.
4.

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.
5.

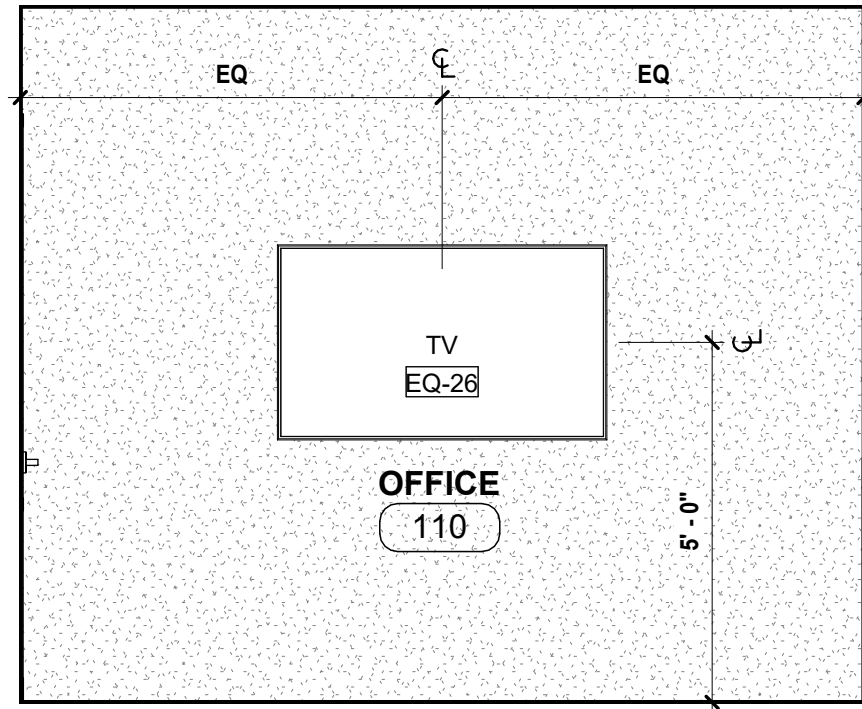
FOR EQ-25 GC TO COORDINATE FOUNDATION WORK, CONDUIT, REBAR REQ. AND ALL ASSOCIATE WORK W/ IN-GROUND POST SUPPLIER. CONTACT MARK MOORE W/ KONECRANES, INC. AT 615-232-8513 FOR COORDINATION.
6.

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.
7.

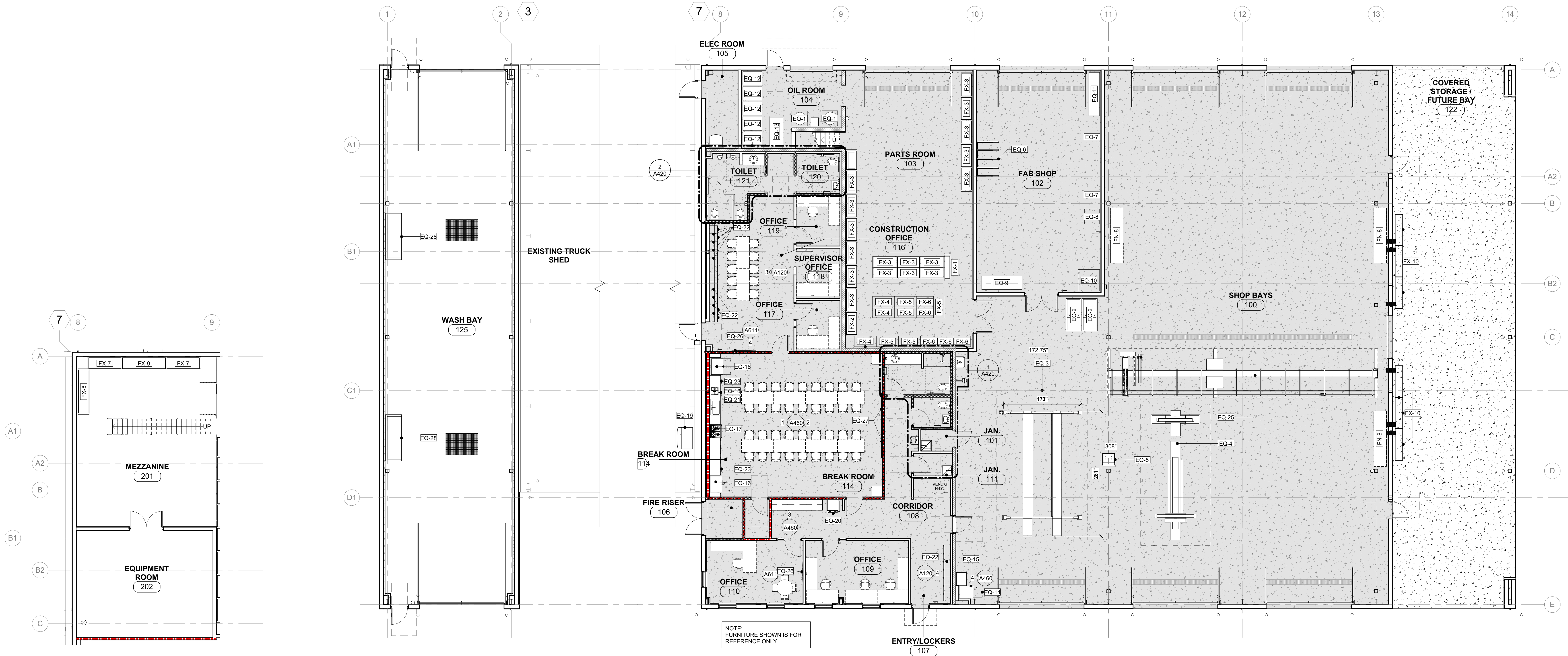
FURNITURE ON PLAN IS FOR REFERENCE ONLY. OWNER WILL PURCHASE OUTSIDE OF CONSTRUCTION SCOPE.



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



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



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

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

REVISIONS

NO.	DATE	DESCRIPTION
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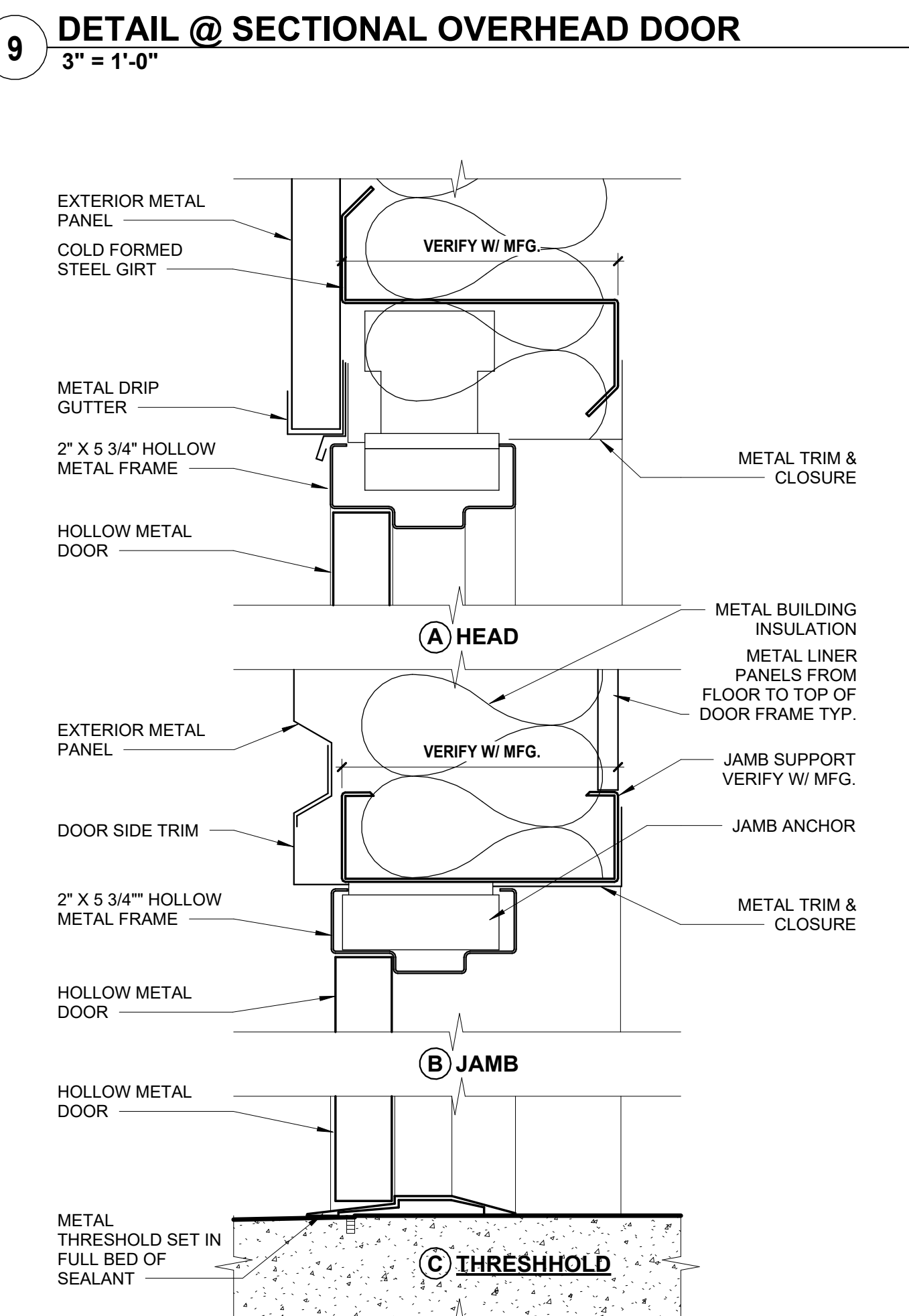
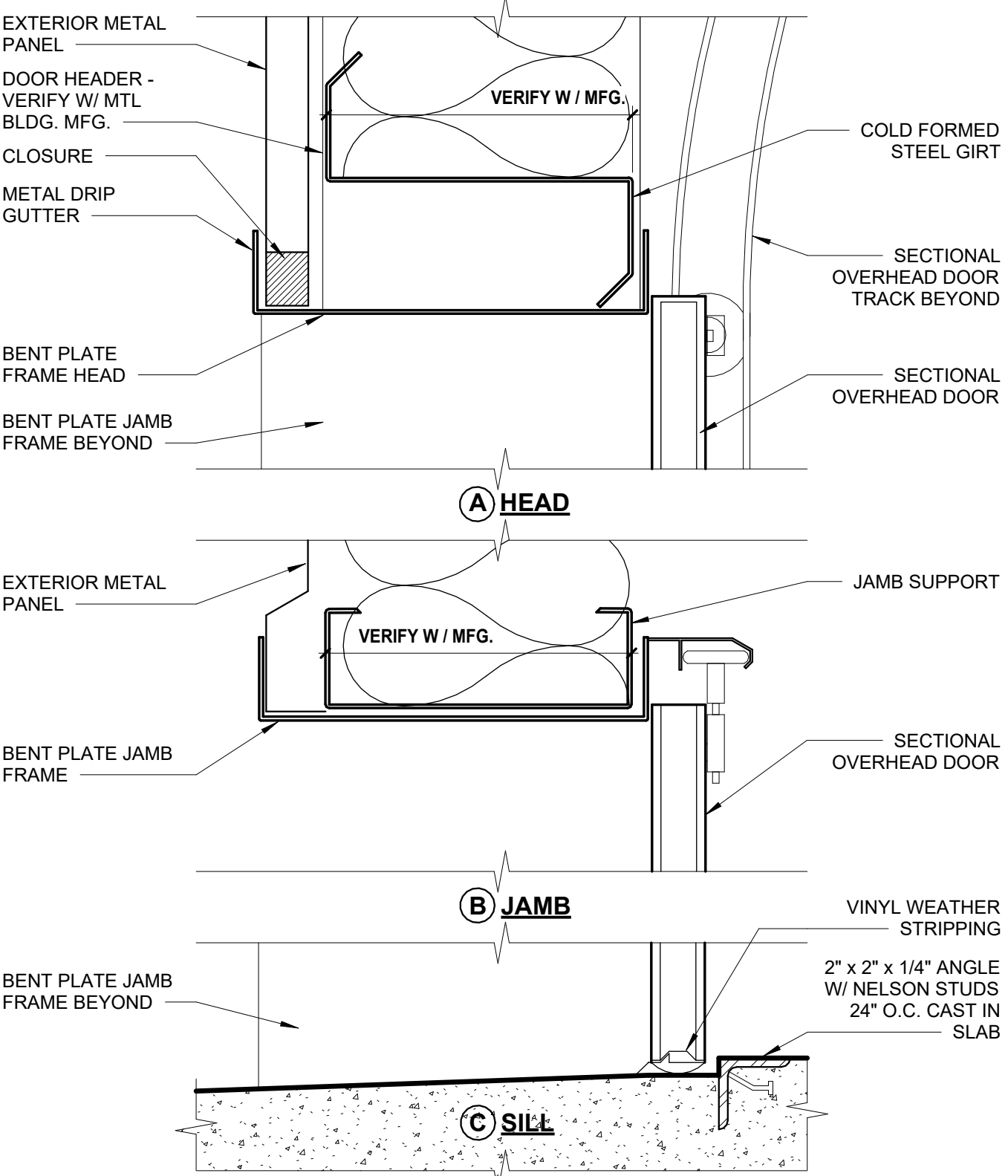
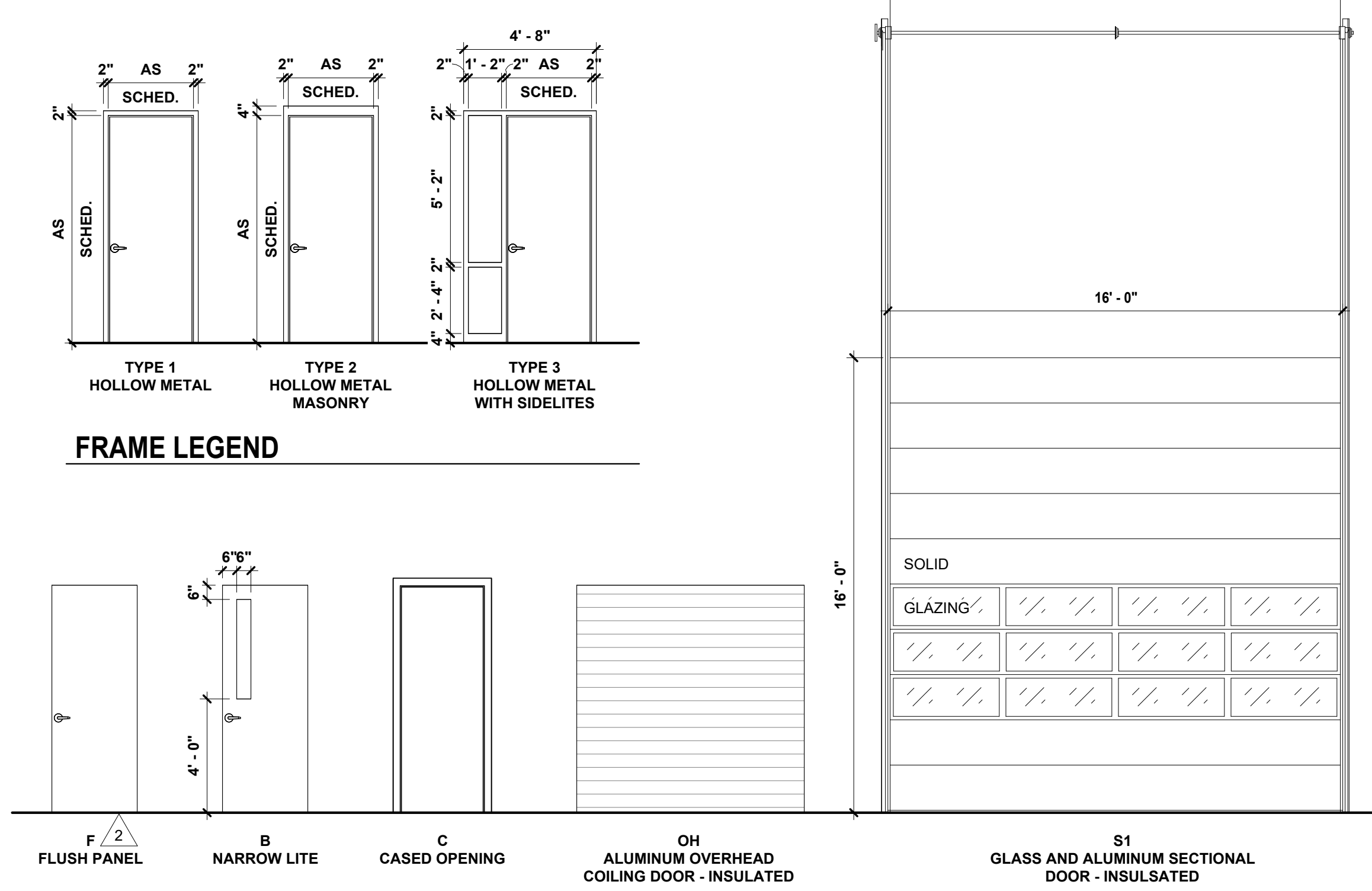
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JOB. NO.
02.14.2025
DATE

ISSUE

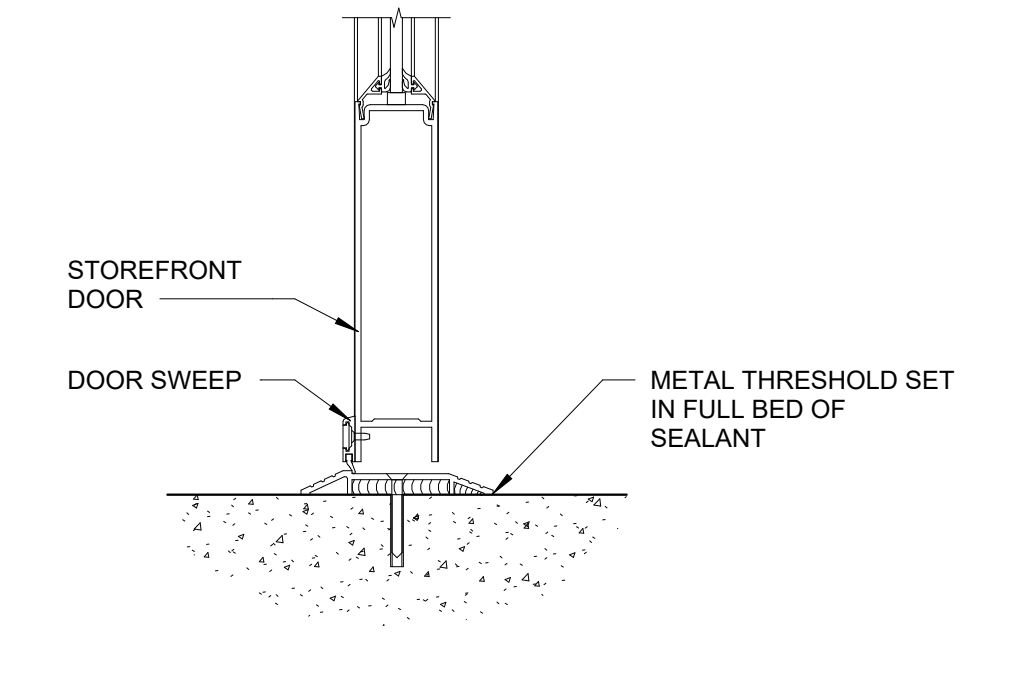
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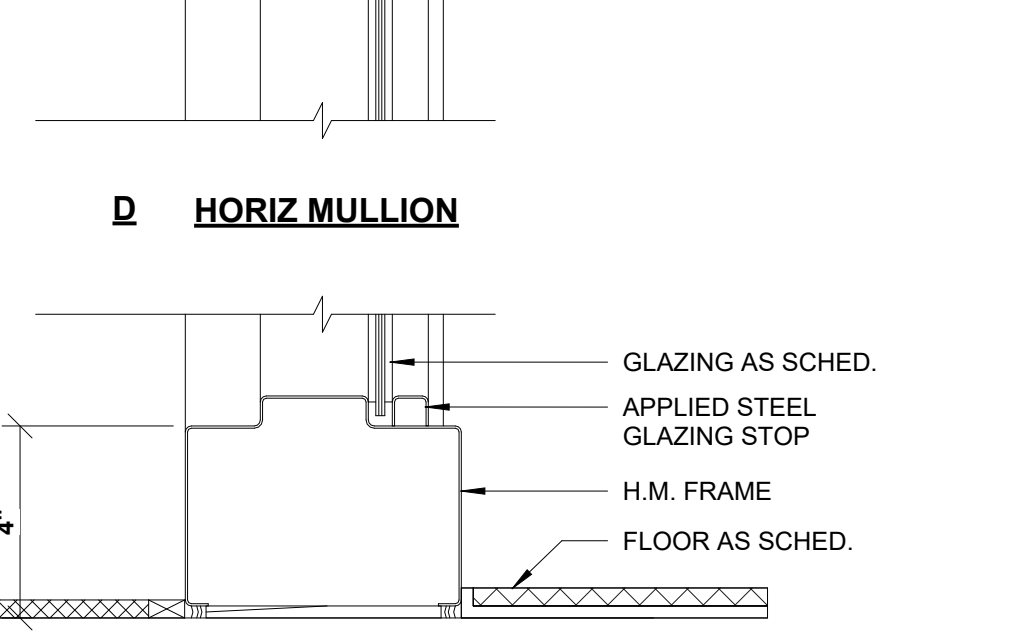
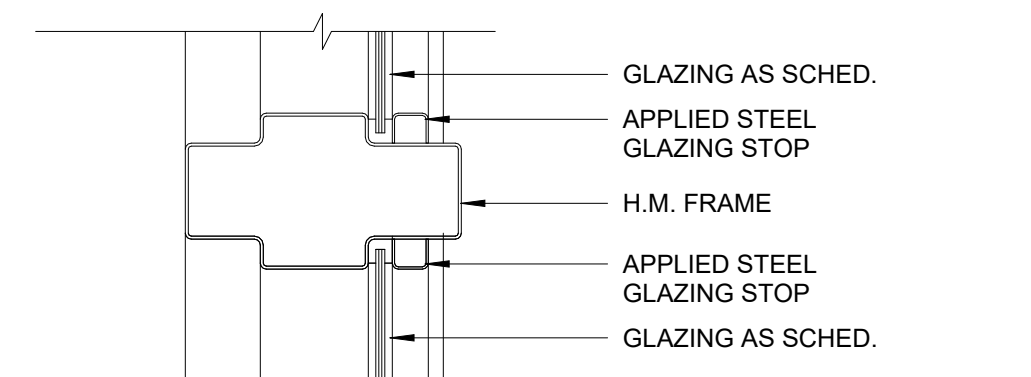
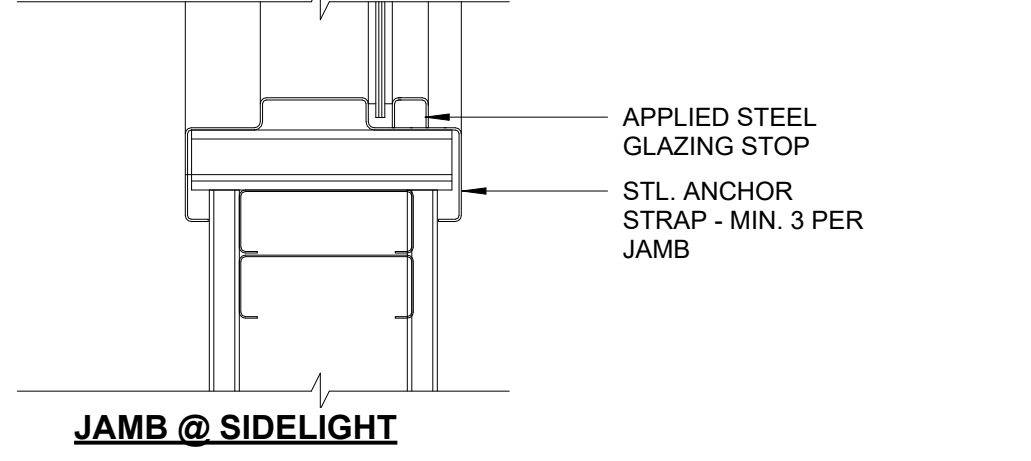
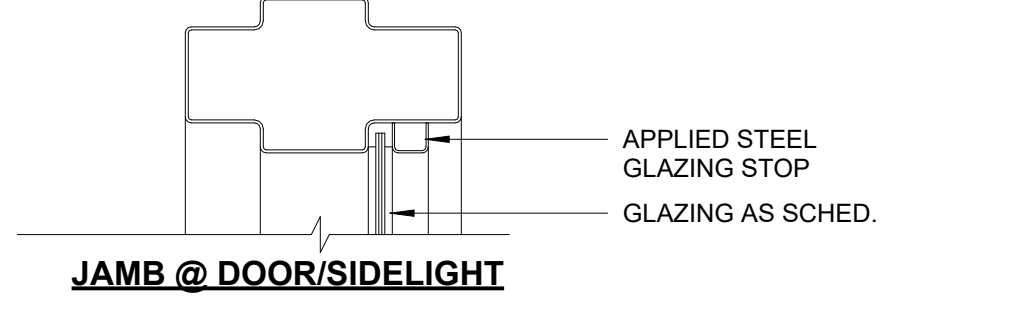
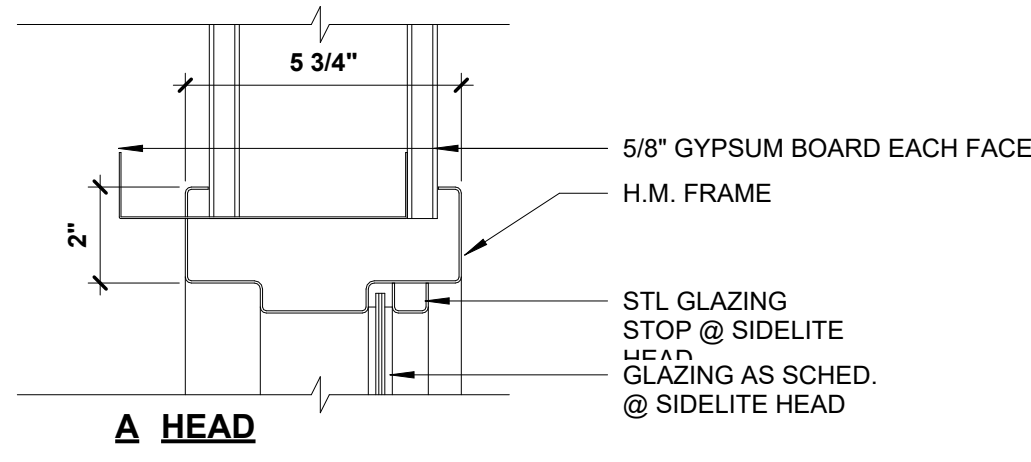
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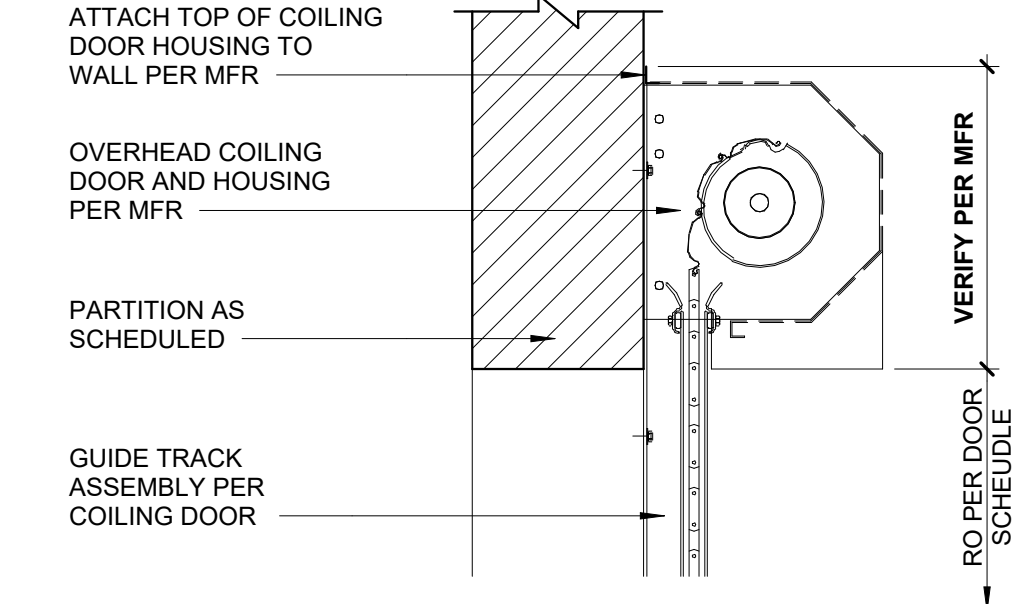
8 DETAIL @ EXTERIOR HM DOOR FRAME
3" = 1'-0"



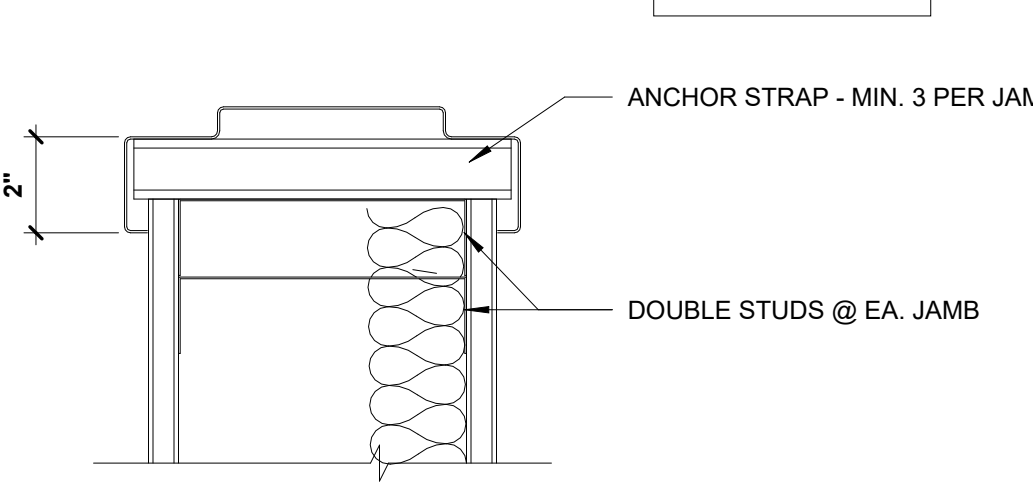
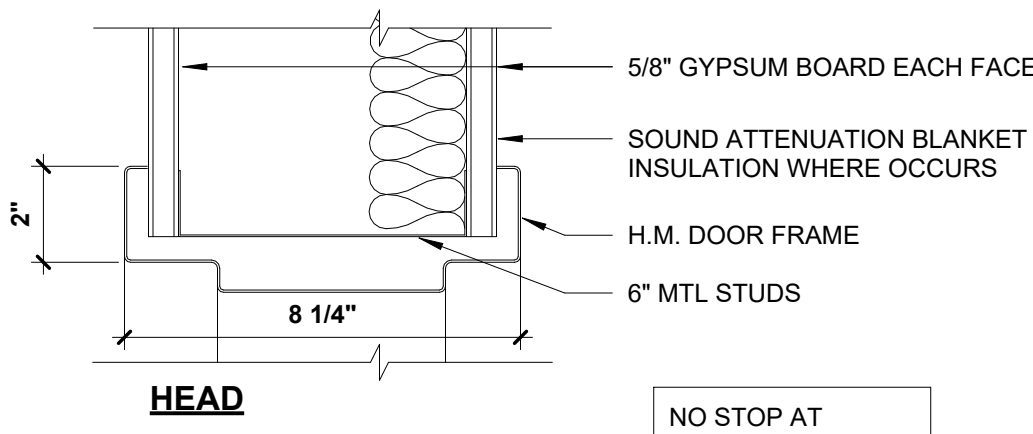
12 THRESHOLD @ STOREFRONT
3" = 1'-0"



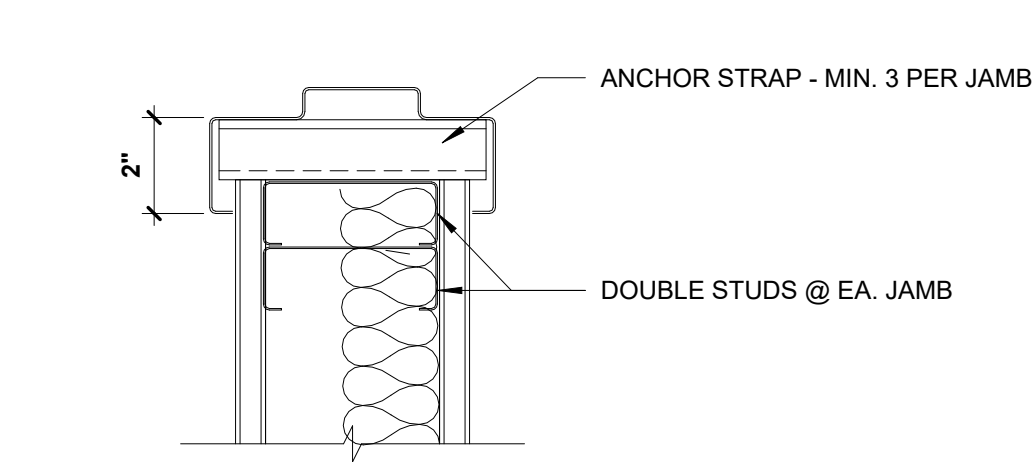
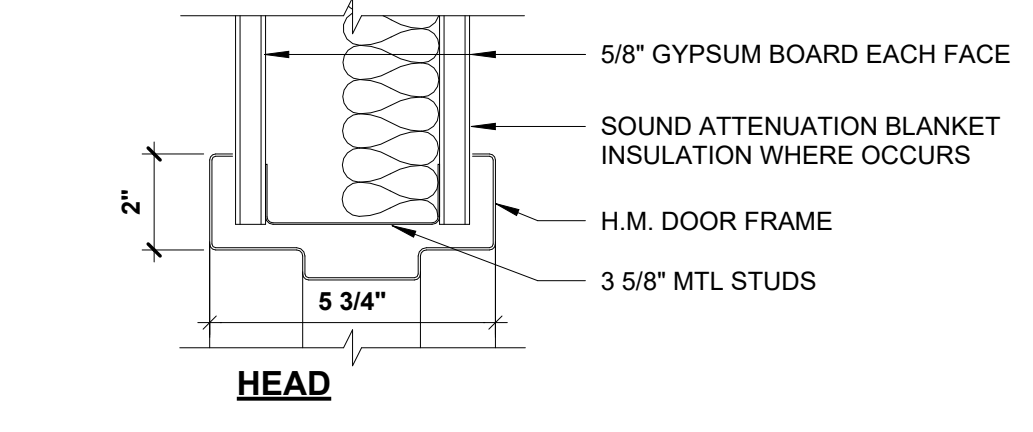
7 DOOR DETAIL - INTERIOR - H.M. @ GYPSUM ON 3 5/8" MTL STUDS W/ SIDELITE
3" = 1'-0"



11 HEAD
1 1/2" = 1'-0"



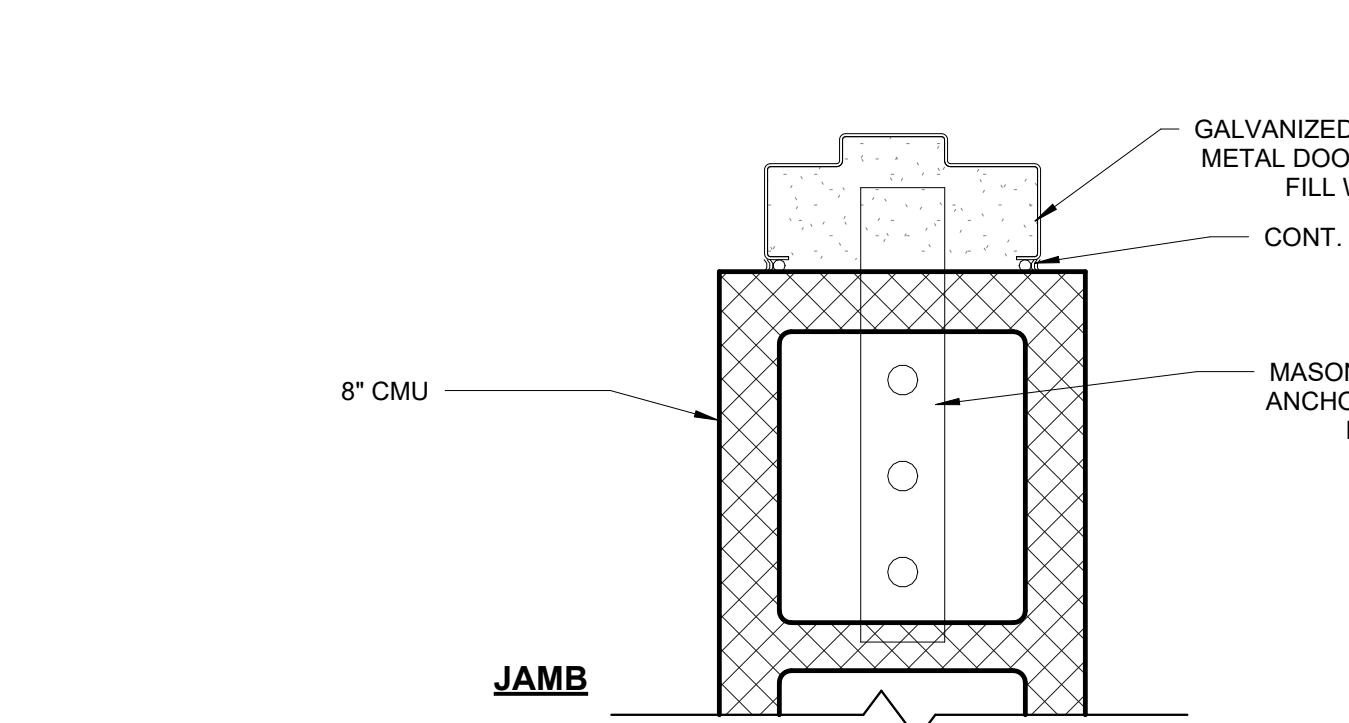
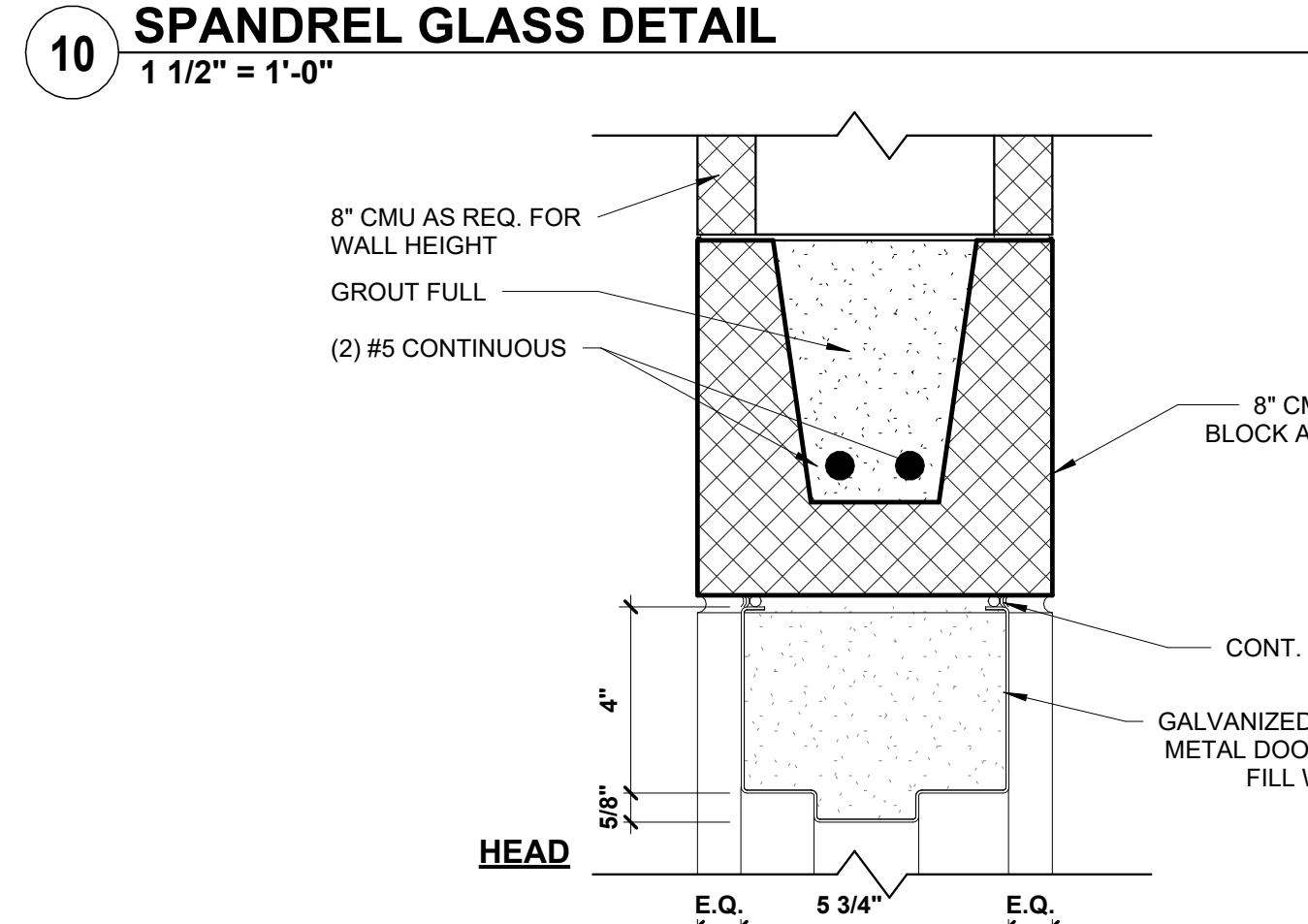
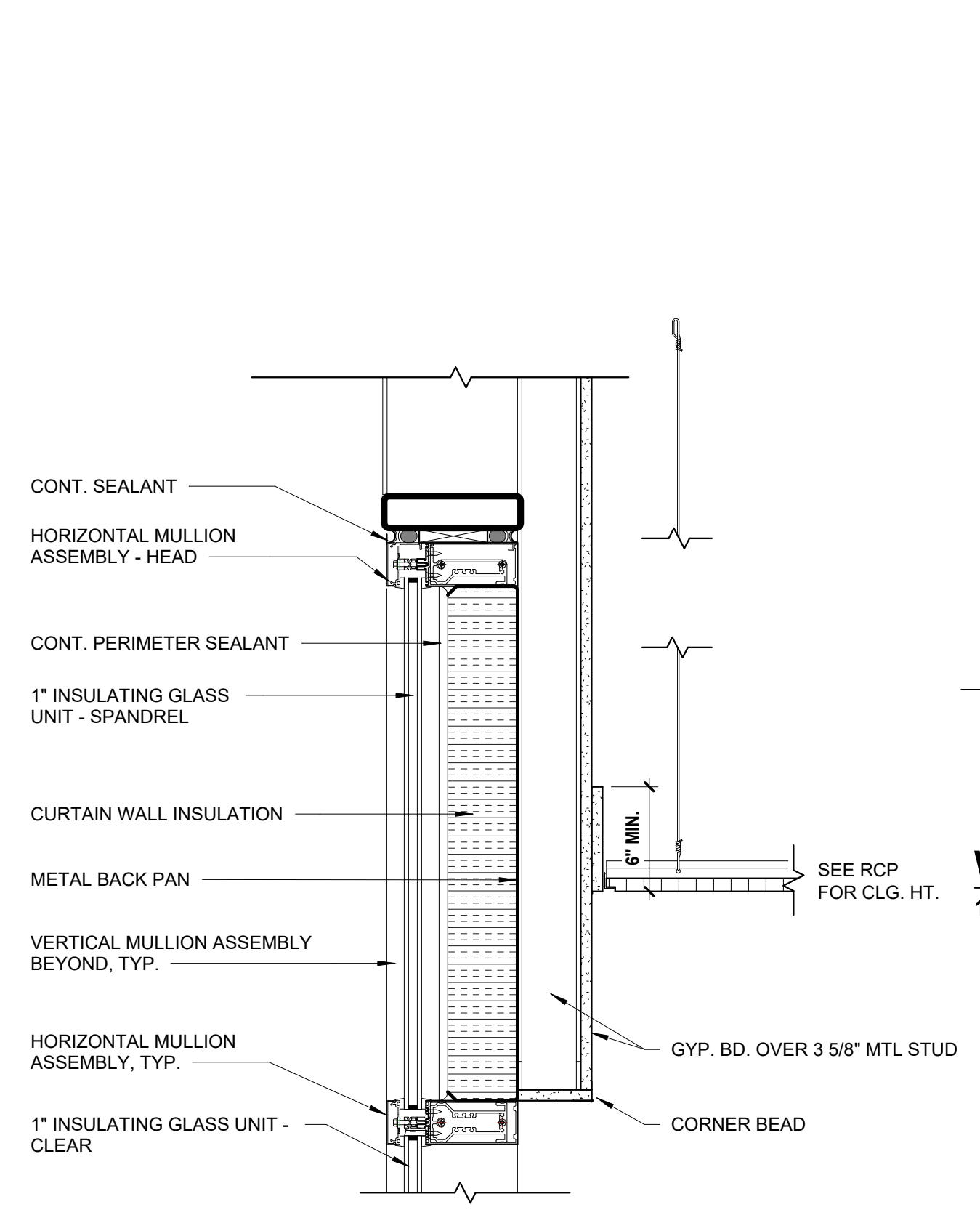
6 JAMB DOOR DETAIL - INTERIOR - H.M. @ GYPSUM ON 6" MTL STUDS
3" = 1'-0"



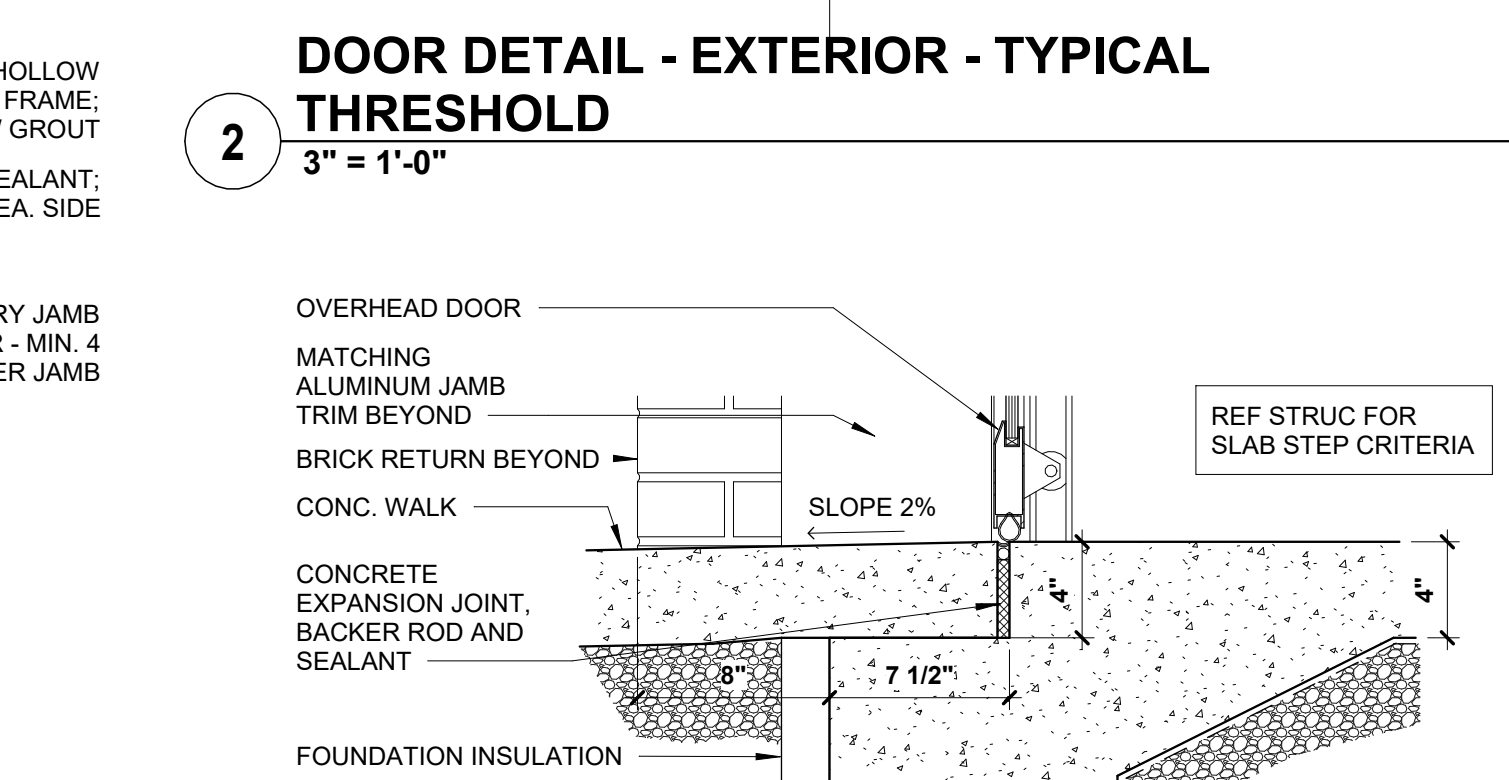
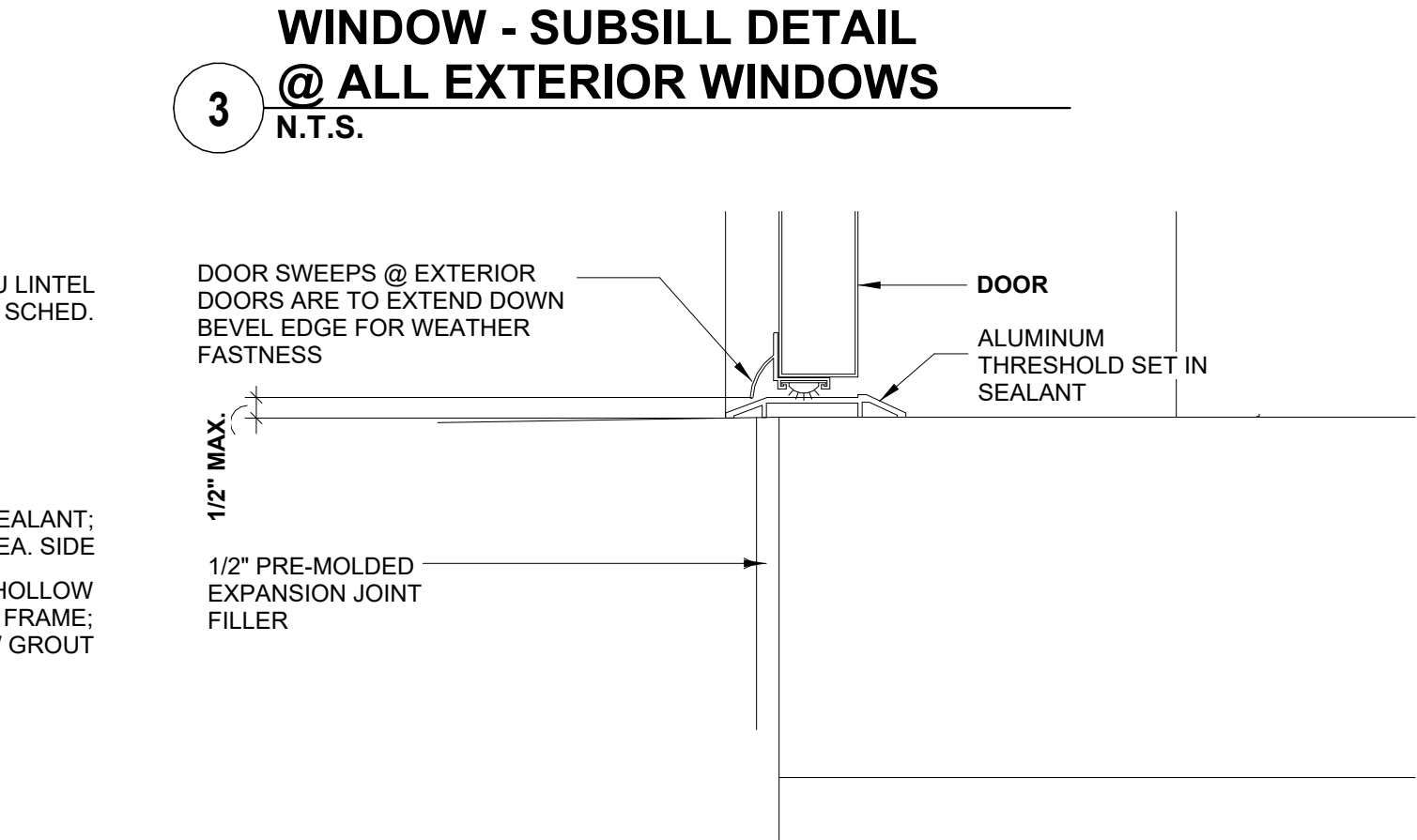
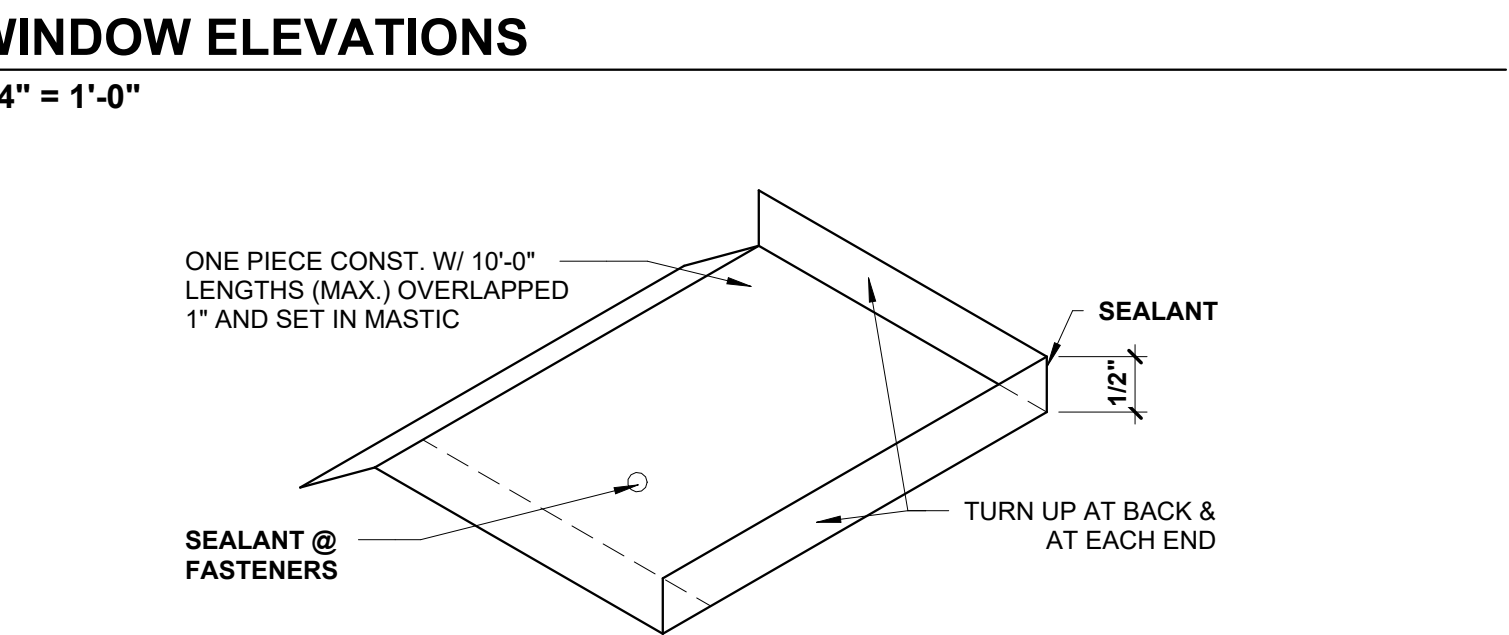
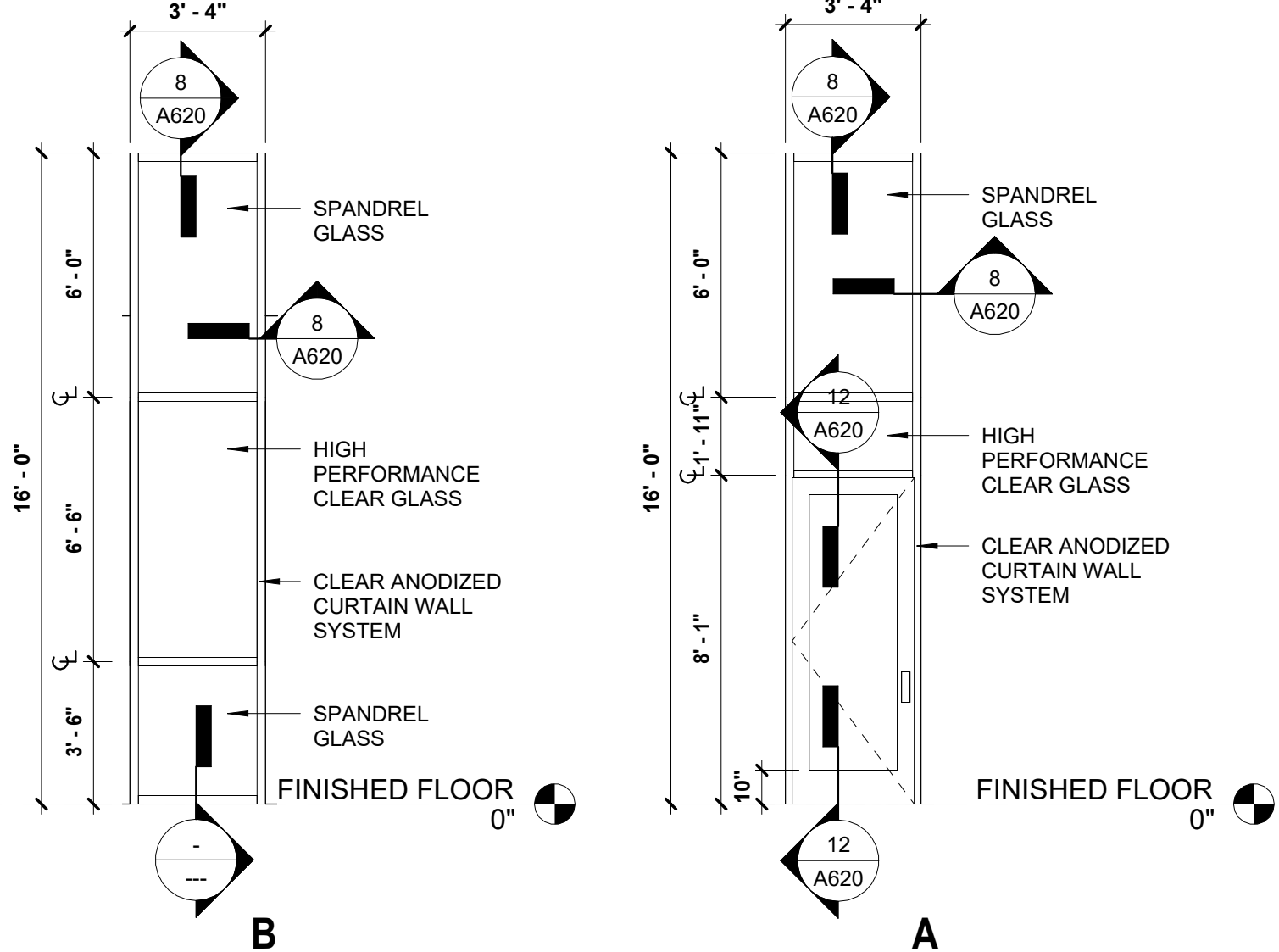
5 JAMB DOOR DETAIL - INTERIOR - H.M. @ GYPSUM ON 3 5/8" MTL STUDS
3" = 1'-0"

DOOR SCHEDULE																	
DOOR NUMBER	ROOM NAME	TYPE	WIDTH	DOOR INFORMATION				FRAME INFORMATION			HEAD	JAMB	SILL	HARDWARE	FIRE RATING	ACCESS CONTROL	COMMENTS
				HEIGHT	THICKNESS	MATERIAL	FINISH	TYPE	MATERIAL	FINISH							
100A	SHOP BAYS	S1	16'-0"	16'-0"	2"	---	---	---	---	---	9/A620	9/A620	9/A620	001	---	---	INSULATED
100B	SHOP BAYS	S1	16'-0"	16'-0"	2"	---	---	---	---	---	9/A620	9/A620	9/A620	001	---	---	INSULATED
100C	SHOP BAYS	S1	16'-0"	16'-0"	2"	---	---	---	---	---	9/A620	9/A620	9/A620	001	---	---	INSULATED
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	---	Yes	---
100E	SHOP BAYS	OH	8'-0"	10'-0"	2"	---	---	---	---	---	---	---	---	001	---	---	INSULATED
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	---	Yes	---
100G	SHOP BAYS	S1	16'-0"	16'-0"	2"	---	---	---	---	---	9/A620	9/A620	9/A620	001	---	---	INSULATED
100H	SHOP BAYS	S1	16'-0"	16'-0"	2"	---	---	---	---	---	9/A620	9/A620	9/A620	001	---	---	INSULATED
101A	SHOP BAYS	F	3'-0"	8'-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	---	---	INSULATED
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	---	---	INSULATED
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"	---	---	---	---	---	---	---	---	---	---	---	INSULATED
104B	OIL ROOM	C	4'-0"	8'-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	---	Yes	---
105A	EXISTING TRUCK SHED	F	3'-0"	8'-0"	1 3/4"	HM	P-5	1	HM	P-5	6/A620	6/A620	---	---	---	---	---
105B	ELEC ROOM	C	3'-4"	8'-0"	---	HM	P-5	1	HM	P-5	6/A620	6/A620	---	---	---	---	---
106A	FIRE RISER	F	6'-0"	8'-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	---	Yes	---
108A	CORRIDOR	B	3'-0"	8'-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	45 MIN.	---	---
114B	BREAK ROOM	F	3'-0"	8'-0"	1 3/4"	WOOD	---	3	HM	P-5	4/A620	4/A620	---	801T	45 MIN.	---	---
115A	STORAGE	F	3'-0"	8'-0"	1 3/4"	WOOD	---	1	HM	P-5	4/A620	4/A620	---	503T	---	---	---
116A	EXISTING TRUCK SHED	B	3'-0"	8'-0"	1 3/4"	HM	P-5	1	HM	P-5	6/A620	6/A620	---	---	---	---	---
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	---	---	INSULATED
125C	WASH BAY	S1	16'-0"	16'-0"	2"	---	---	---	---	---	9/A620	9/A620	9/A620	001	---	---	INSULATED
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	F	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 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.



4 DOOR DETAIL - INTERIOR - H.M. @ 8" CMU
3" = 1'-0"



1 DETAIL SECTION - THRESHOLD AT OVHD. DOOR
1 1/2" = 1'-0"

WDD ARCHITECTS

REGISTERED ARCHITECTS
WITTERBERG DELONY
DAVIDSON INC.
4314 STADIUM BLVD.
JONESBORO, ARKANSAS

CRAIGHEAD ELECTRIC
MAINTENANCE SHOP ADDITION

PROJECT TITLE

WINDOW LEGEND, DOOR SCHEDULE & DETAILS

CONTENTS

NO.	DATE	DESCRIPTION
1	03/06/25	ADD #1
2	03/10/25	ADD #2
3	04/03/25	POST BID ADD #1

24-096
JOB. NO.
02.14.2025
DATE

ISSUE
A620

SHEET



SITE PLAN - MAINTENANCE SHOP

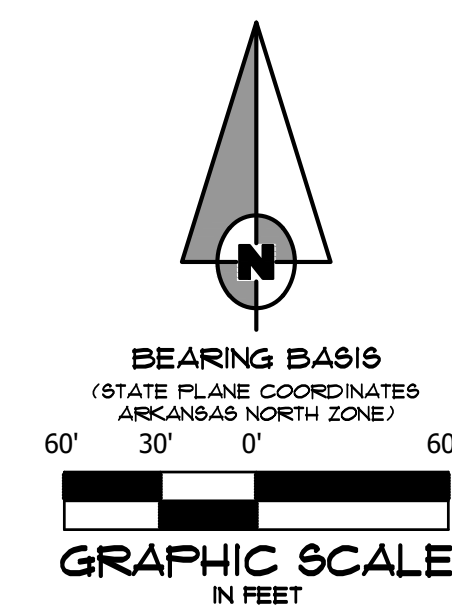
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24-096

02.14.2025

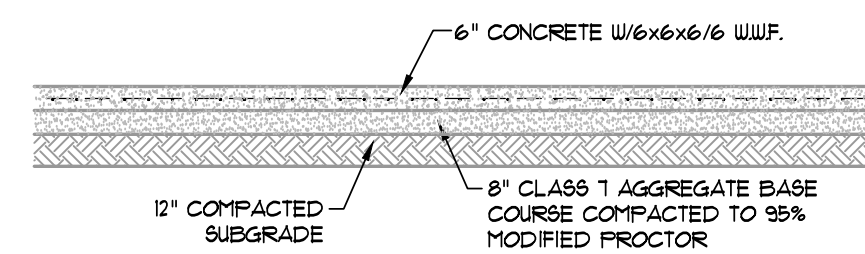
ISSUE SET

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 RIGHT OF WAY SHALL BE COORDINATED WITH THE LOCAL JURISDICTION.
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

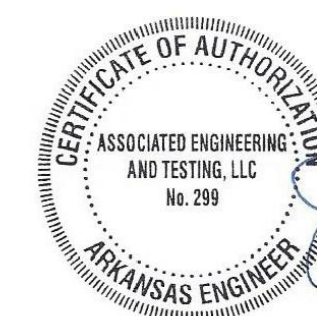
C/L AR HWY 1 (STADIUM BLVD.)

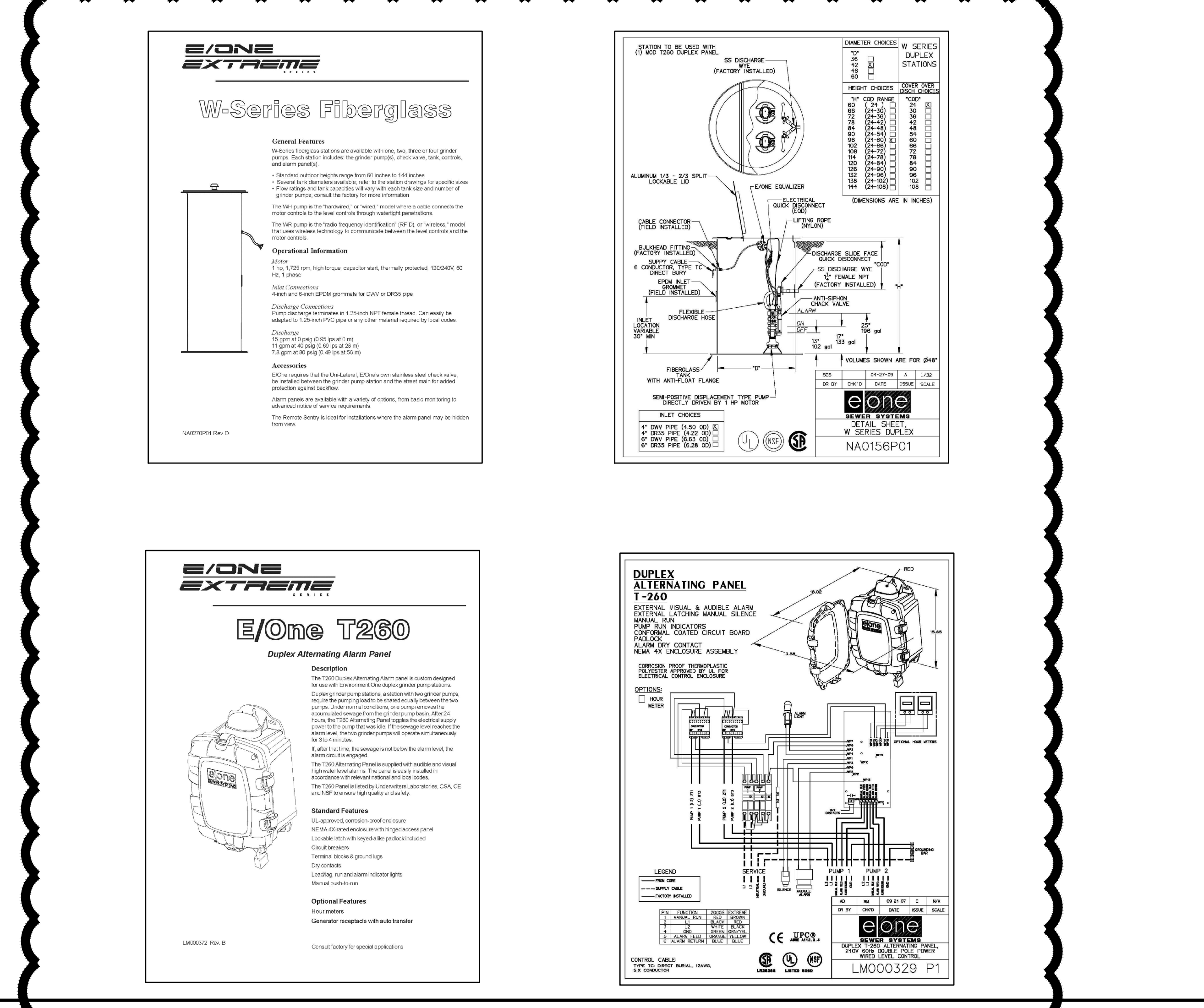
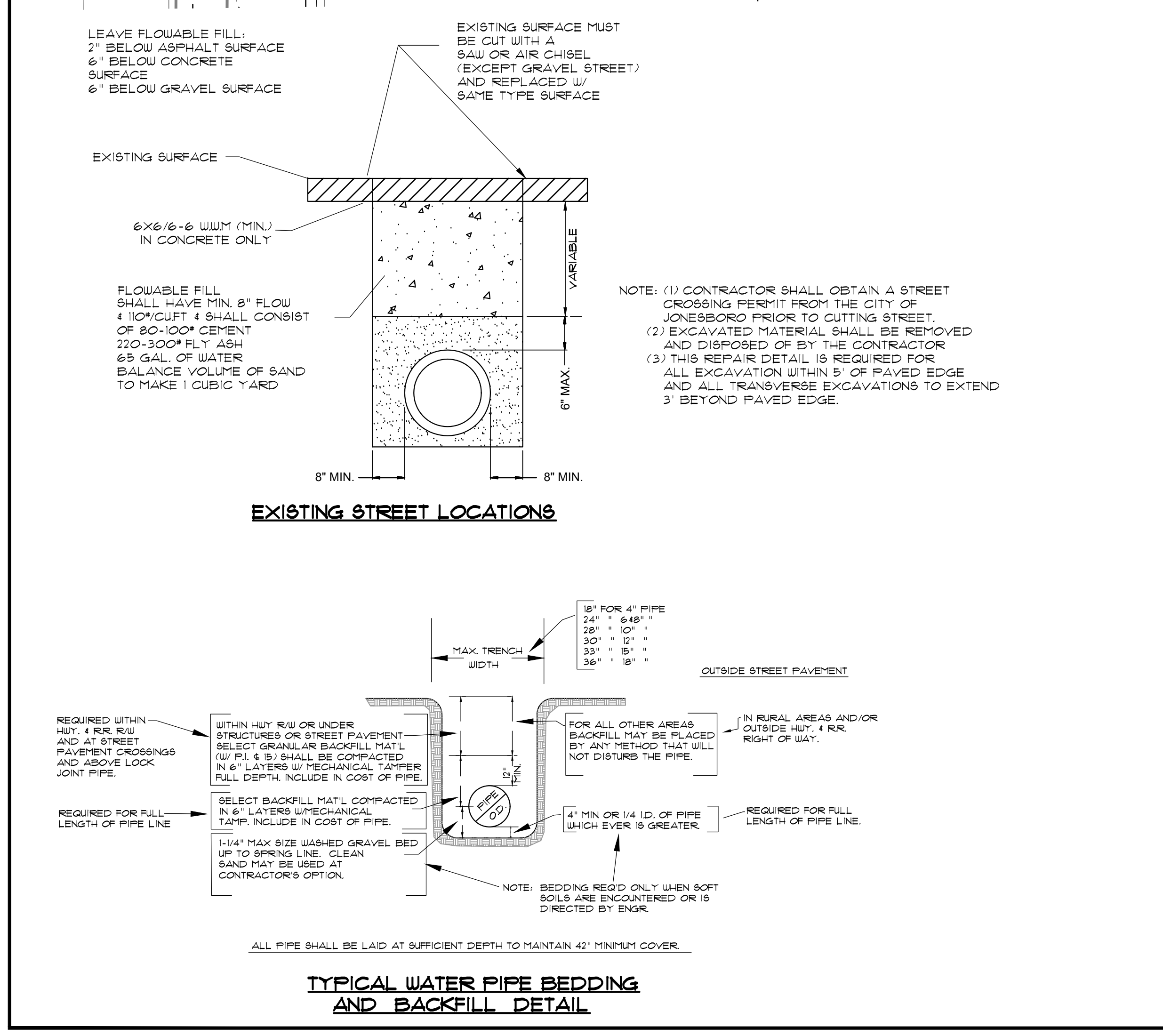
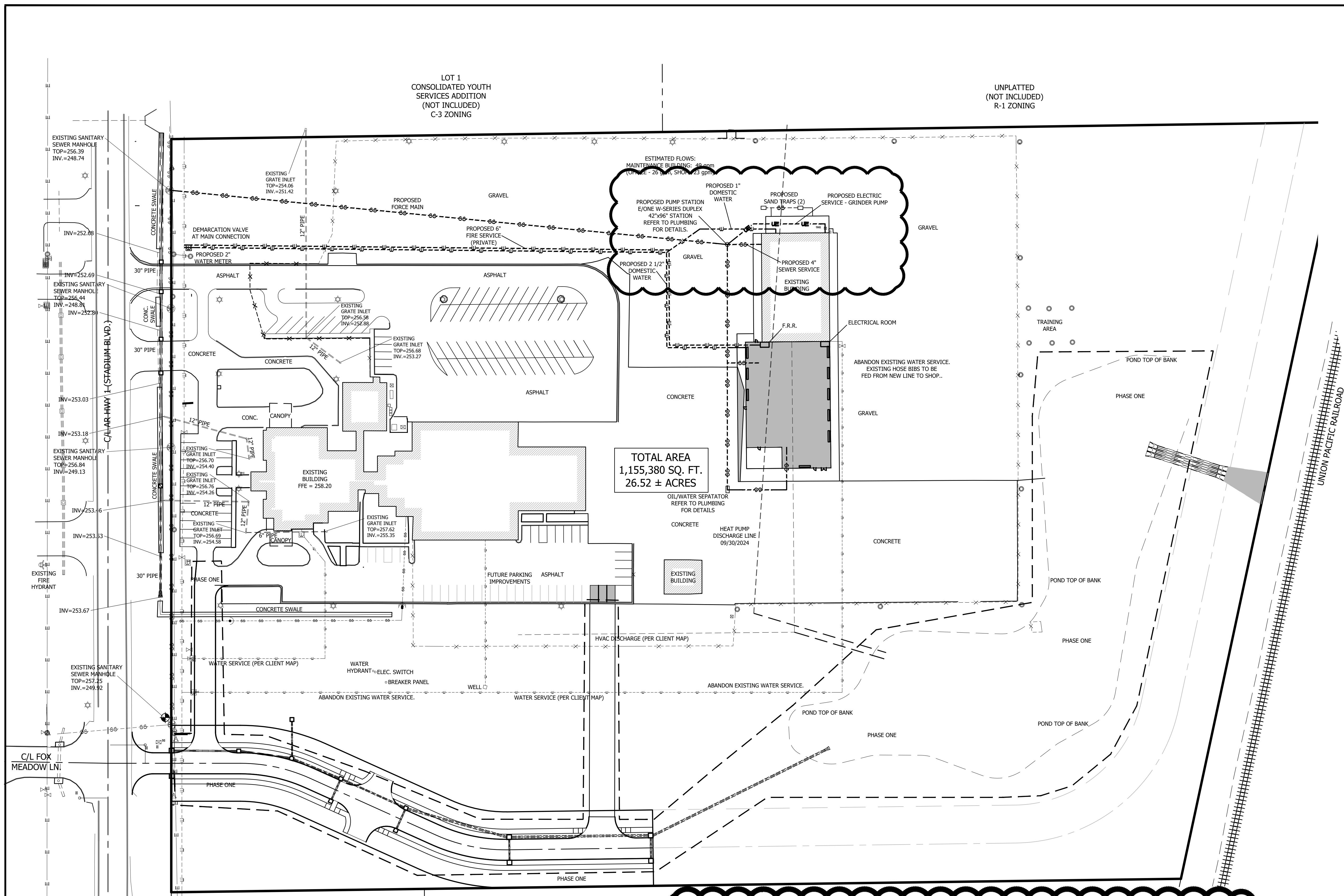
C/L FOX
MEADOW LN.

CADD FILE:	23140 - SDP-R2	DWG#	0414031.XXXX
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AE 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 ENCASED IN WATERTIGHT PIPE (SEE PART XIV.A OF ADI 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.

CRAIGHEAD ELECTRIC

MASTERPLAN

4314 STADIUM BLVD.
JONESBORO, ARKANSAS

UTILITY PLAN - MAINTENANCE SHOP

NO.	DATE	DESCRIPTION
2	03/10/25	ADD #2

24-096

02.14.2025

ISSUE SET

CADD FILE: 23140 - SGP-R2 DWG: 041031.000X

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

ELECTRICAL GENERAL NOTES

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 COMPLIMENTARY EXCEPT THAT, IN CASE OF CONFLICT, SPECIFICATIONS WILL GOVERN.
3. BY NECESSITY, THESE DRAWINGS REFLECT A SYSTEM DESIGNED AROUND SPECIFIC REFERENCE 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 OR BID, IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR AND HIS SUBCONTRACTORS TO COORDINATE ALL DIFFERENCES PRIOR TO BID. NO EXTRAS WILL BE ALLOWED FOR CHANGES REQUIRED TO 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 PROPOSED SUBSTITUTIONS SHALL BE SUBMITTED FOR REVIEW. 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.
5. CONTRACTOR SHALL GIVE 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 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 AT NO EXTRA COST TO THE OWNER. THE 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 GEOMETRICAL RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY COMPONENT, DEVICE OR OPTION. THE EQUIPMENT LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. 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 IF EXPRESSLY REQUIRED BY BOTH.
11. CONTRACTOR SHALL NOT SCALE DRAWINGS. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT LIMIT THE RESPONSIBILITY OF WORK REQUIRED BY THE CONTRACT DOCUMENTS.
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 BEGIN UNTIL APPROVED EQUIPMENT DRAWINGS ARE OBTAINED FROM OWNER OR ARCHITECT. SEE ARCHITECTURAL SPECIFICATIONS OR DRAWINGS FOR LIST OF OWNER FURNISHED EQUIPMENT (WHERE 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. ROOFING 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 HEIGHT OF FLASHING IS 8 IN. ABOVE ROOF.
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 RATED ASSEMBLIES, FIRE WALLS AND SMOKE WALLS. FIREPROOFING SEALANT SHALL BE UL APPROVED AND SHALL BE INSTALLED IN A MANNER THAT MAINTAINS THE RATING OF THE ASSEMBLY BEING PENETRATED.

ELECTRICAL LEGEND

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. ***

ELECTRICAL DRAWING INDEX

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	LA LIGHTING	HBN200-48-4-FRA-DRDM-UNV-3-840-YTCS10	120V	-	LED	PENDANT	PENDANT MOUNTED LED HIGH BAY FIXTURE
B	NORA LIGHTING	NPDBLSW-E22/334-W	120V	-	LED	RECESSED	2X2 RECESSED LED FLAT PANEL, SET TO 30W LUMENS; VERIFY CCT SETTING W/ ARCHITECT
BE	DELETED FROM PROJECT						
B1	NORA LIGHTING	NPDBLSW-E22/334-W-NPDBL-22RFK/W	120V	-	LED	RECESSED	2X2 RECESSED LED FLAT PANEL W/ DRYWALL RECESSED KIT; SET TO 30W LUMENS; VERIFY CCT SETTING W/ ARCHITECT
B2	DELETED FROM PROJECT						
CE	LA LIGHTING	CIT100-4-4L-DRFA-WL-SSL-RPLSL1.5-DRDM-UNV-1-840	120V	-	LED	SURFACE/WALL	4FT VAPOR-TIGHT STRIP FIXTURE 6000 LUMEN
CE	LA LIGHTING	CIT100-4-4L-DRFA-WL-SSL-RPLSL1.5-DRDM-UNV-1-840	120V	-	LED	SURFACE/WALL	4FT VAPOR-TIGHT STRIP FIXTURE W/ EMERGENCY BATTERY BACKUP
C1	LA LIGHTING	CIT100-6-4L-DRFA-WL-SSL-DRDM-UNV-1-840	120V	-	LED	SURFACE/WALL	4FT VAPOR-TIGHT STRIP FIXTURE; 6000 LUMEN
D	KURTZON LIGHTING	WL-SEG-1540-3HI-840-FP-UNV-DIM1-MOUNTING	120V	-	LED	PENDANT	PENDANT MOUNTED LED WET LOCATION VAPOR-TIGHT FIXTURE
F	ALPHABET LIGHTING	NU2RD-SW-10LM-40K-80-55D-DL-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-RPLSL1.5-DRDM-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-40-80-65D-SBL-FINISH-FINISH-RET-UNV-DIM10	120V	-	LED	RECESSED	4" ROUND RECESSED LED CAN LIGHT
H	ALPHABET LIGHTING	NU4RD-SW-20LM-40-80-65D-SBL-FINISH-FINISH-RET-UNV-DIM10-EM77P5	120V	-	LED	RECESSED	4" ROUND RECESSED LED CAN LIGHT W/ EMERGENCY BATTERY BACKUP W/ INTEGRAL TEST SWITCH
J	AMERICAN LINEAR LIGHTING	2W-4-VLD-40-UNV-FINISH	120V	-	LED	WALL	4FT DIRECT WALL-MOUNTED LED LIGHT
J1	AMERICAN LINEAR LIGHTING	2W-5-VLD-40-UNV-FINISH	120V	-	LED	WALL	5FT DIRECT WALL-MOUNTED LED LIGHT
J2	AMERICAN LINEAR LIGHTING	2W-6-VLD-40-UNV-FINISH	120V	-	LED	WALL	6FT DIRECT WALL-MOUNTED LED LIGHT
J3	AMERICAN LINEAR LIGHTING	2W-7-VLD-40-UNV-FINISH	120V	-	LED	WALL	7FT DIRECT WALL-MOUNTED LED LIGHT
Q	QTL LIGHTING	Q-LINK-SST-DRY-40-DF-FINISH-24	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-VNWP	120V	-	LED	WALL	LED HIGH OUTPUT EMERGENCY EGRESS LIGHTING UNIT W/ WET LOCATION COVER
X	EVENLITE	TDCCOM-COLOR-U-FINISH-SD	120V	-	LED	SURFACE UNIVERSAL	THERMOPLASTIC COMBINATION EXIT/EMERGENCY LIGHT - SINGLE FACE - CHEVRONS AS SHOWN ON PLANS
X1	EVENLITE	TDCCOM-COLOR-U-FINISH	120V	-	LED	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
Y	EVENLITE	WVW-EM-FINISH	120V	-	LED	WALL	EXTERIOR EGRESS EMERGENCY LIGHT
AA	TECHBRITE	MWP07-135-27V-DDK-FINISH	120V	-	LED	WALL	LUMEN SELECTABLE EXTERIOR WALL-MOUNTED AREA LIGHT; SET TO 81W (40%)
BB	TECHBRITE	MWP07-70-27V-DDK-FINISH	120V	-	LED	WALL	EXTERIOR WALL-MOUNTED AREA LIGHT - SMALL HOUSING; SET TO 28W (40%)
BBE	TECHBRITE	MWP07-70-27V-DDK-FINISH-B	120V	-	LED	WALL	EXTERIOR WALL-MOUNTED AREA LIGHT - SMALL HOUSING W/ EMERGENCY BATTERY BACKUP; SET TO 28W (40%)



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

ELECTRICAL NOTES, LEGEND, &
INDEX

NO.	DATE	DESCRIPTION
1	03/06/25	ADD #1
2	04/03/25	Post Bid ADD #1

24-096
JOB. NO.
02.14.2025
DATE

ISSUE SET

E001



NO.	DATE	DESCRIPTION
1	03/06/25	ADD #1
2	04/03/25	Post Bid ADD #1

GENERAL ELECTRICAL NOTES

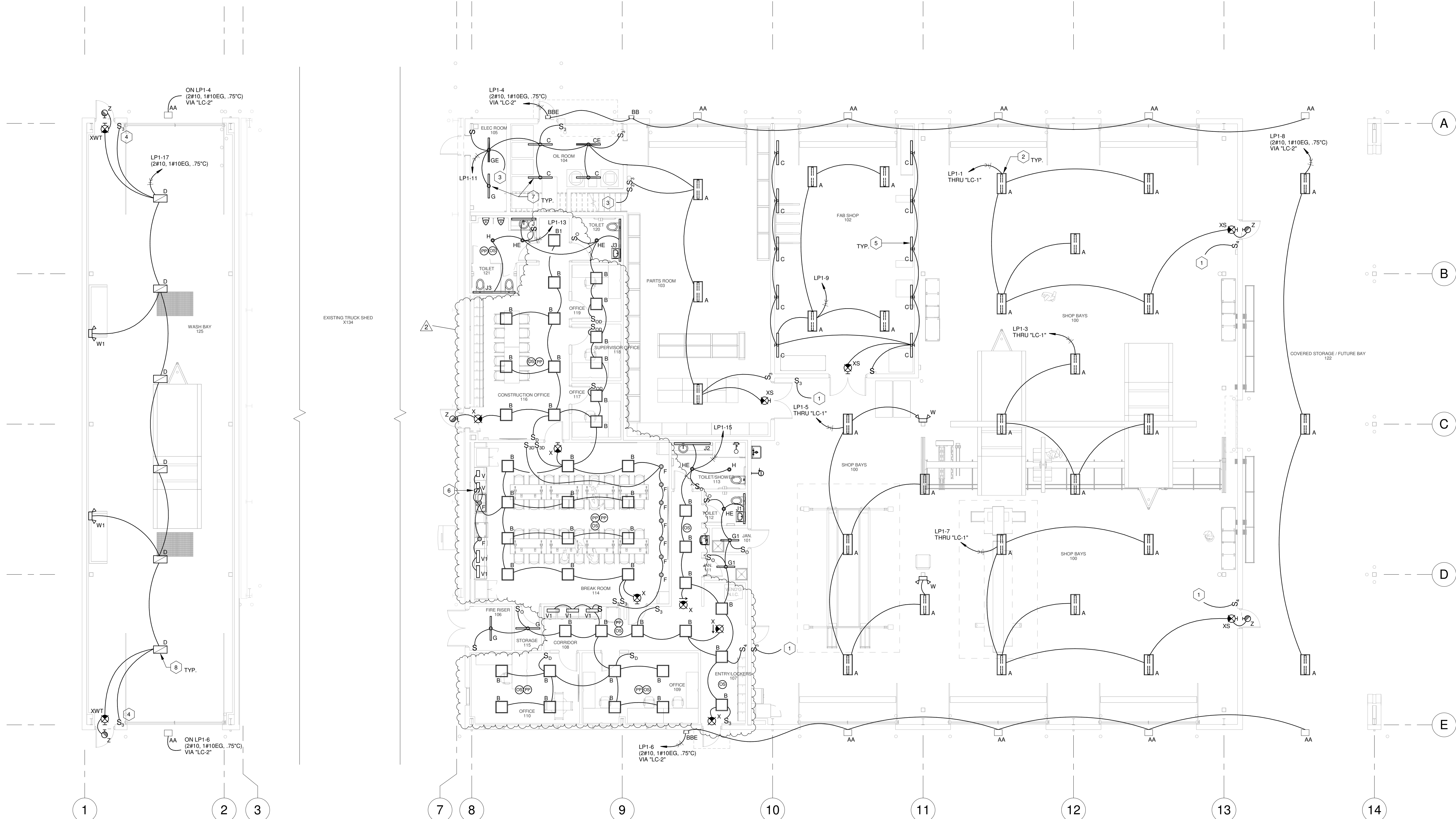
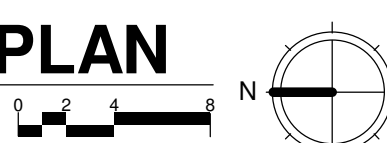
1. ALL EXIT LIGHTS AND BATTERY BACKUP FOR EMERGENCY FIXTURES SHALL BE CIRCUITED WITH AN UN-SWITCHED HOT.
2. COORDINATE FINAL LOCATIONS AND MOUNTING HEIGHTS OF FIXTURES WITH ARCHITECT PRIOR TO BEGINNING ROUGH-IN.
3. ALL CONDUIT, WIRING AND ELECTRICAL CONNECTIONS IN WASH BAY SHALL BE WATERTIGHT.
4. ALL 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

1/8" = 1'-0"



24-096

JOB NO.

02.14.2025

DATE

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E301

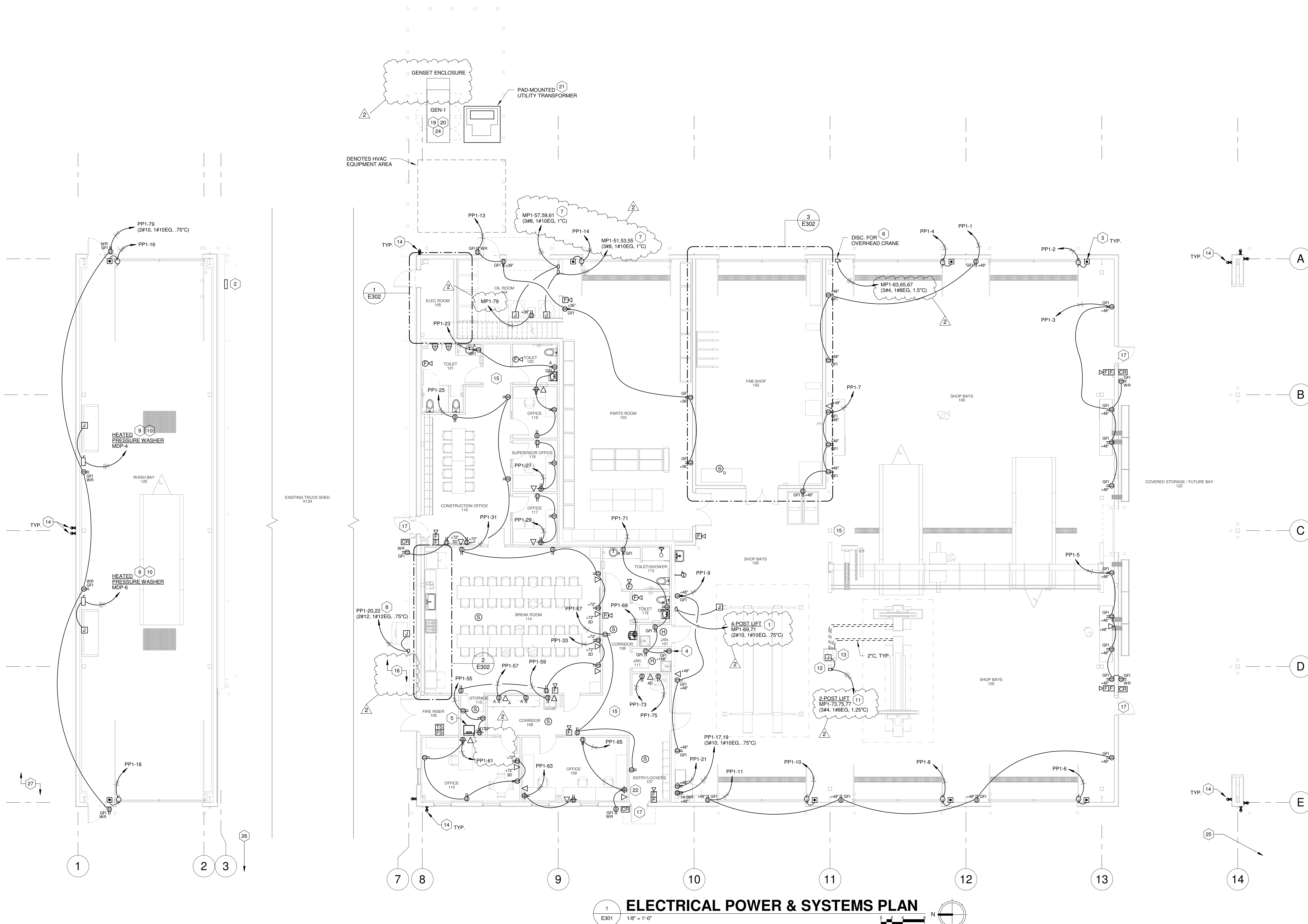
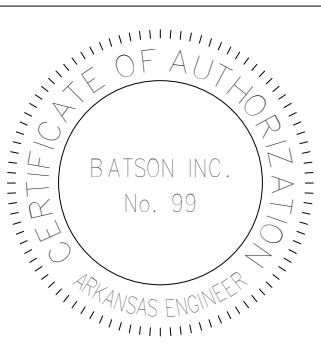
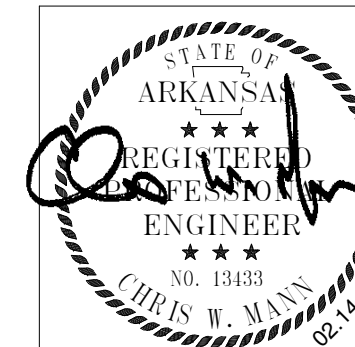
GENERAL ELECTRICAL NOTES

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 WATERTIGHT.
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/3P.
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 115.
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. NOT USED.

19. DIESEL GENERATOR (OWNER-FURNISHED, OWNER-INSTALLED). INSTALL EMPTY CONDUIT STUB-UPS BETWEEN GENERATOR AND TRANSFER SWITCH. REFER TO ONE-LINE DIAGRAM FOR REQUIREMENTS.
20. PROVIDE (2) 1" FC BETWEEN GENERATOR PAD AND ATS FOR CONTROLS. VERIFY STUB-UP LOCATION AT GENERATOR PAD. INSTALL PULL STRINGS IN EMPTY CONDUITS.
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. NOT USED.
24. (2) 1" FC STUB-UPS BETWEEN GENERATOR AND PANEL 'EQ1' FOR BATTERY CHARGER AND BLOCK HEATER CIRCUITS. VERIFY STUB-UP LOCATION AND INSTALL PULL STRINGS IN EMPTY CONDUITS.
25. PROVIDE AND INSTALL (2) 1" FC (POWER/COMMUNICATIONS) FOR SOUTH GATE ENTRY. REFER TO ARCHITECTURAL SITE PLAN FOR GATE LOCATION. CONNECT GATE OPERATOR TO 'PP1-28' AND ROUTE (2) 1" FC (POWER/COMMUNICATIONS) CONDUIT IN STORAGE 115.
26. PROVIDE AND INSTALL (1) 1" FC (POWER) AND (1) 1" FC COMMUNICATIONS FOR WEST GATE ENTRY. REFER TO ARCHITECTURAL SITE PLAN FOR GATE LOCATION. CONNECT GATE OPERATOR TO 'PP1-28' AND ROUTE (2) 1" FC (POWER/COMMUNICATIONS) CONDUIT IN STORAGE 115.
27. GRINDER STATION. REFER TO CIVIL PLAN FOR EXACT LOCATION. CONNECT GRINDER STATION CONTROL PANEL TO 'MP1-50-52'. INSTALL SEAL-OFFS AT GRINDER STATION CONTROL PANEL. ROUTE (2) 1" FC (POWER/COMMUNICATIONS) CONDUIT FROM CONTROL PANEL. VERIFY EXACT LOCATION OF CONTROL PANEL WITH INSTALLING CONTRACTOR.
28. NOT USED.



ELECTRICAL POWER & SYSTEMS PLAN

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

NO.	DATE	DESCRIPTION
1	03/06/25	ADD #1
2	04/03/25	Post Bid ADD #1

24-096

JOB NO.

02.14.2025

DATE

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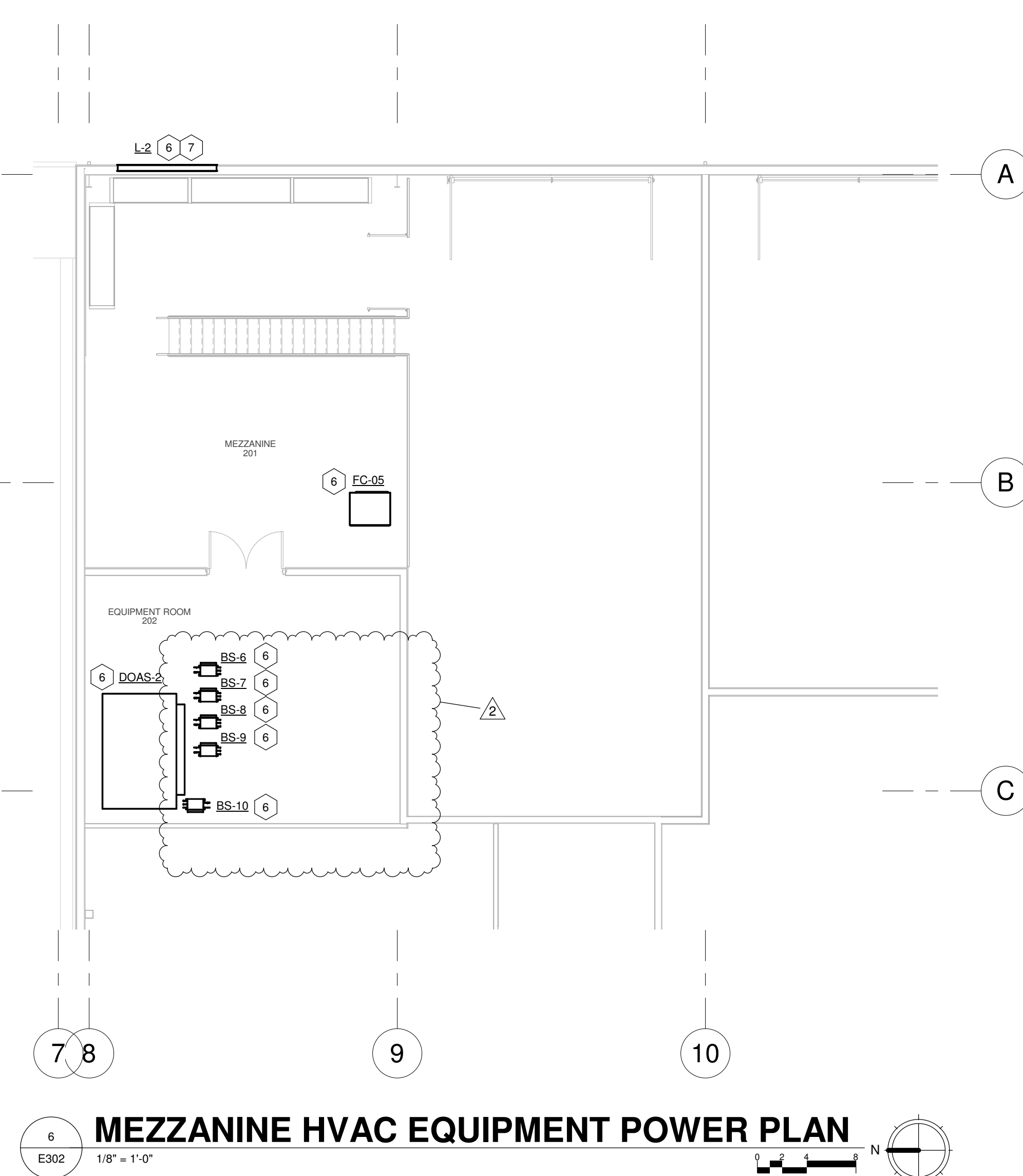
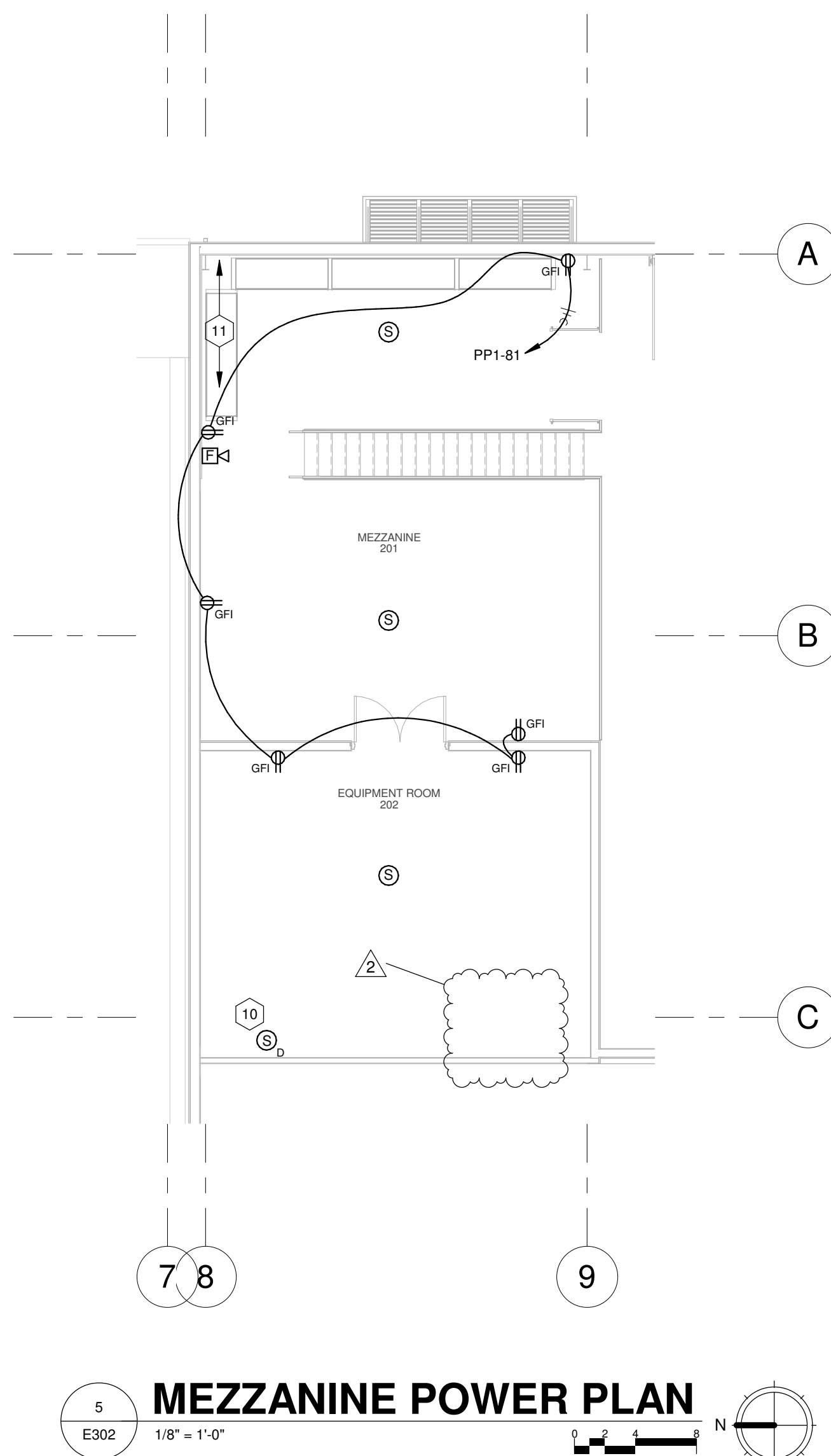
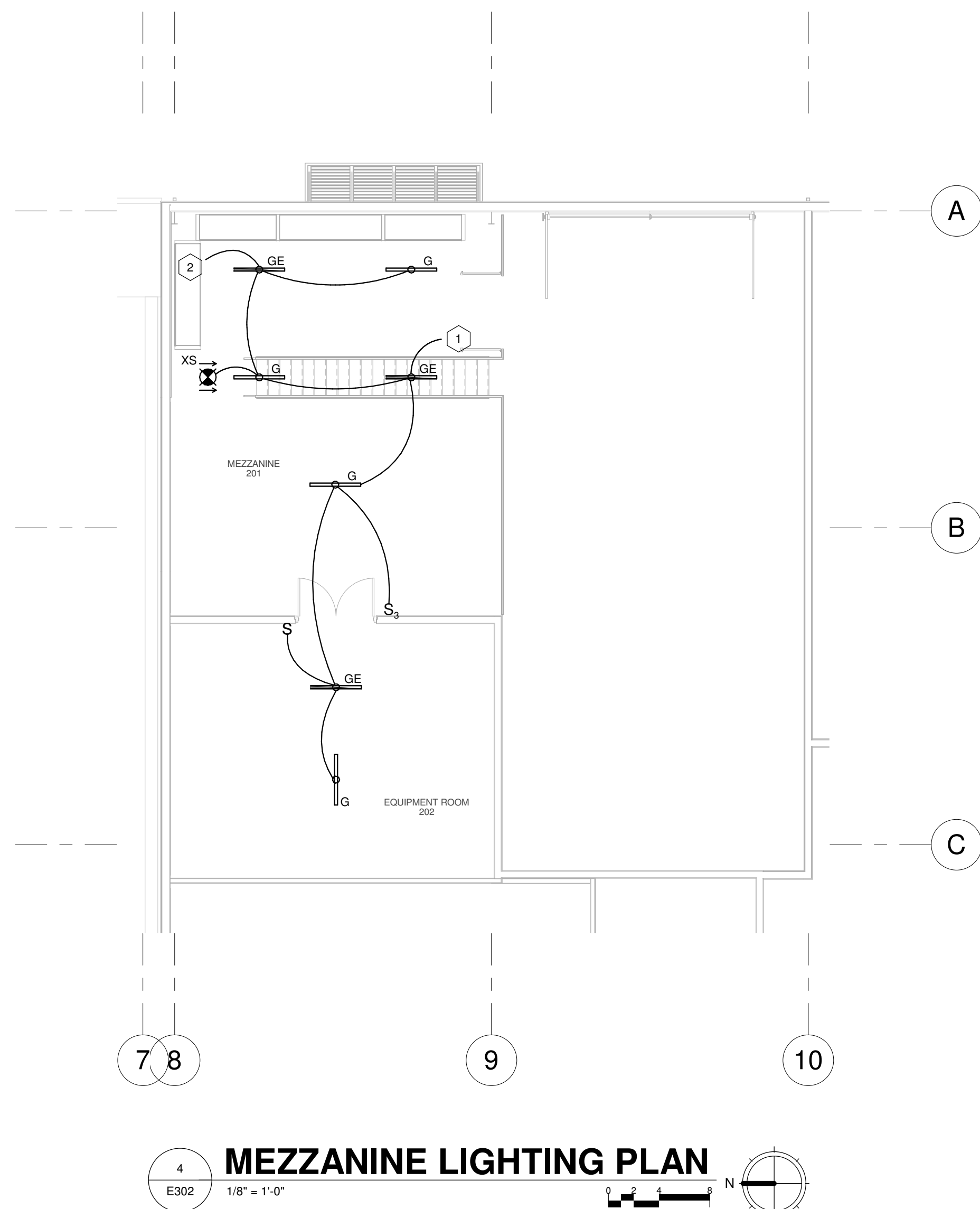
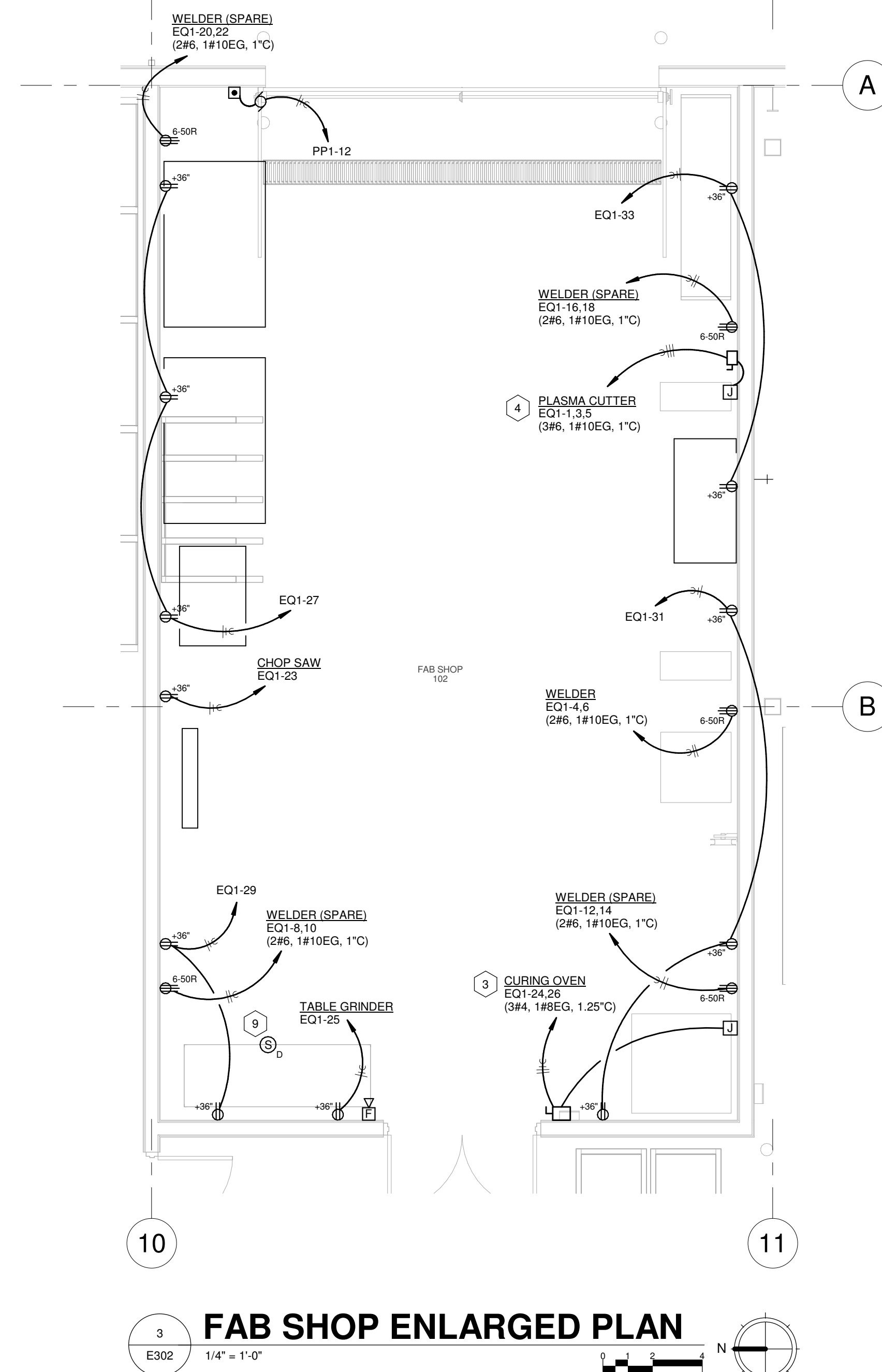
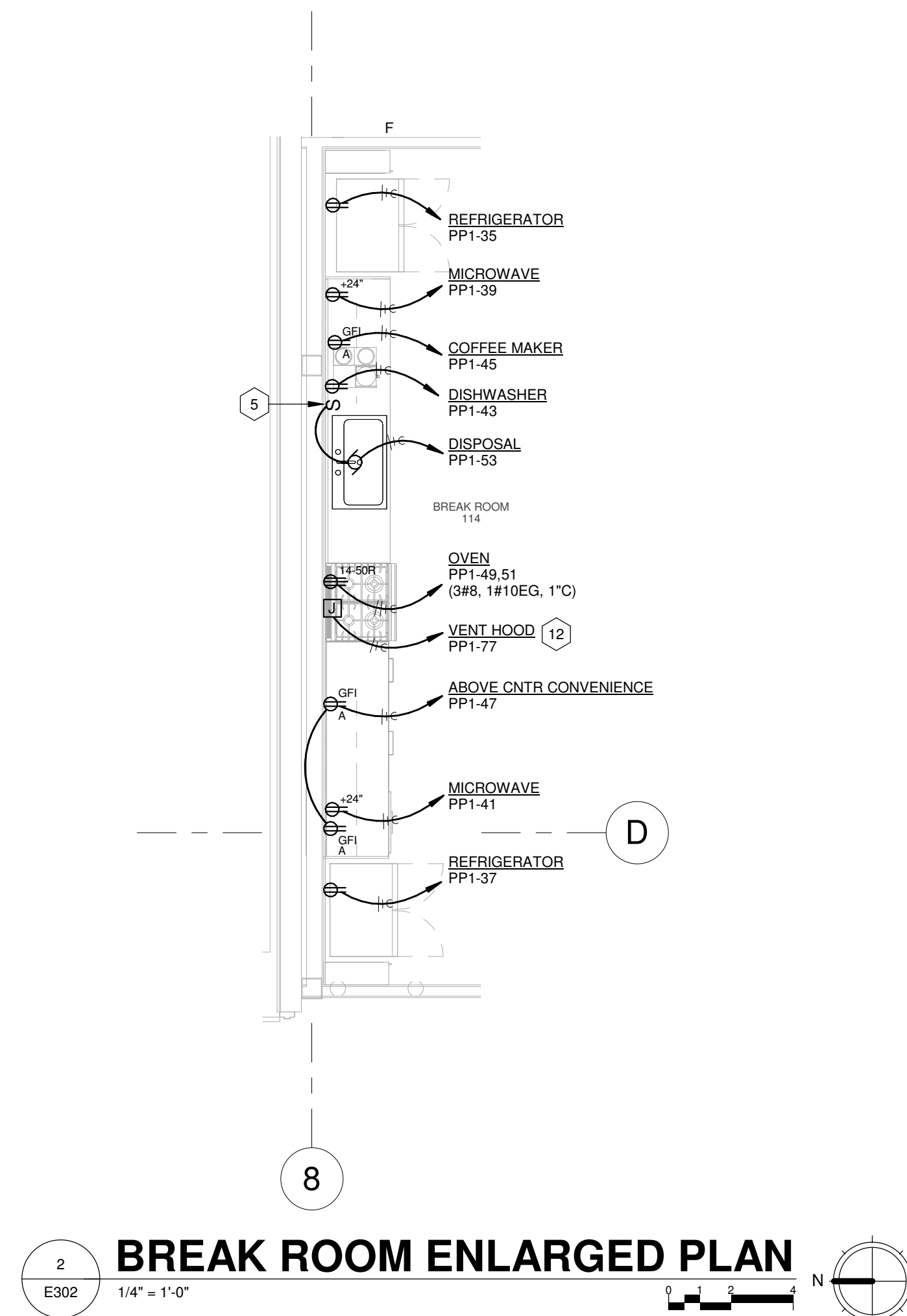
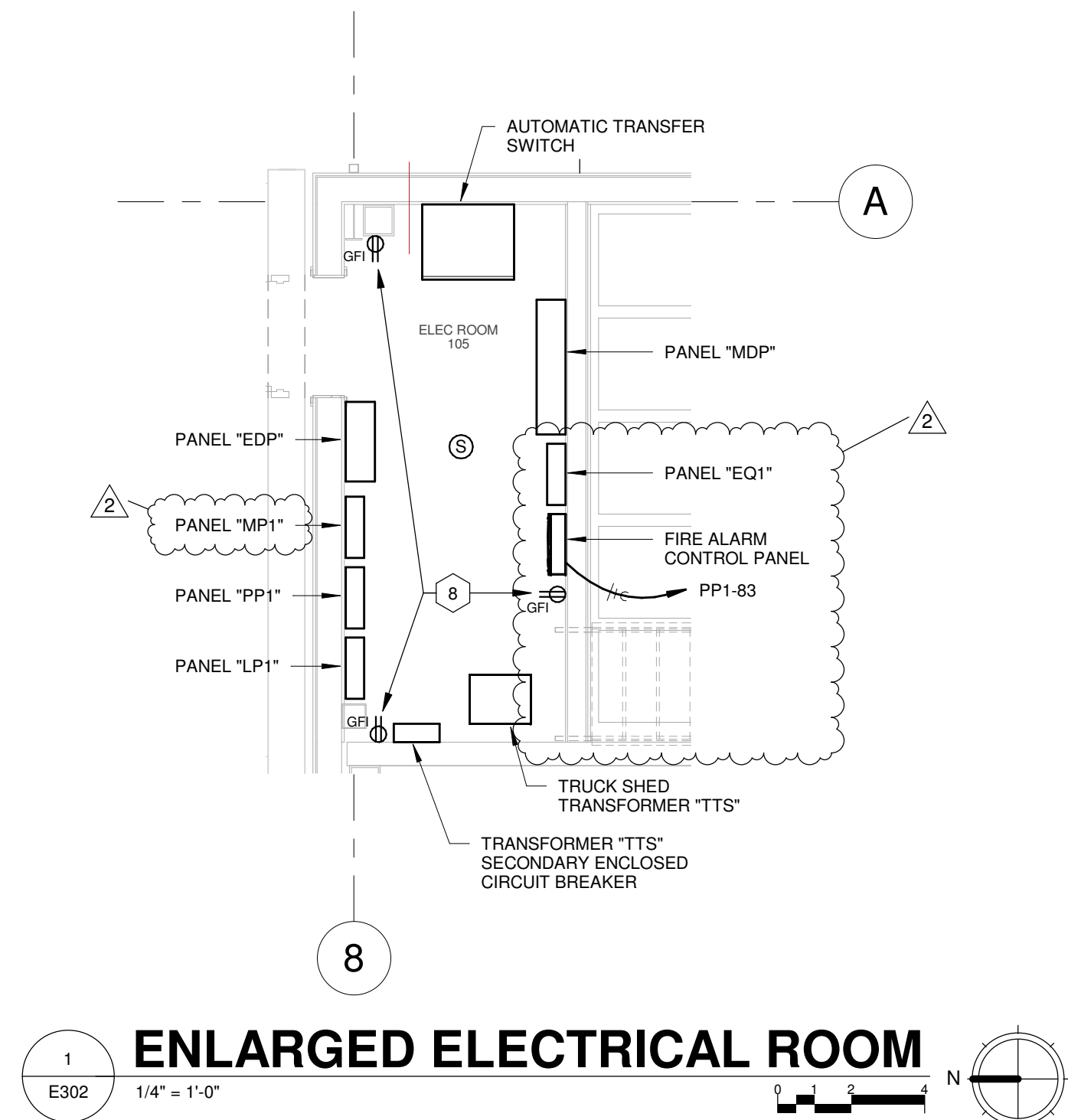
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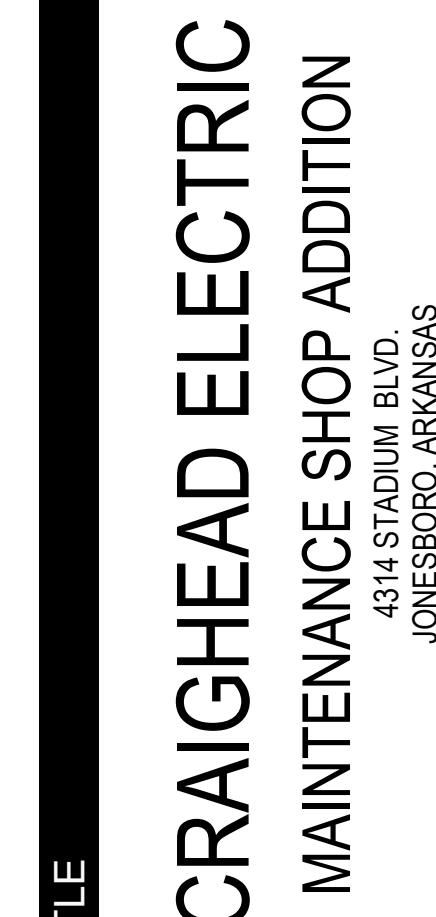
GENERAL ELECTRICAL NOTES

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

KEYED ELECTRICAL NOTES

- CIRCUITING CONTINUED FROM SWITCH IN PARTS ROOM. REFER TO LIGHTING PLAN ON SHEET E201.
- CONNECT TO CIRCUIT "LP1-11" IN ELECTRICAL ROOM BELOW. REFER TO LIGHTING PLAN ON SHEET E201.
- PROVIDE AND INSTALL NEMA 1 NON-FUSIBLE DISCONNECT RATED 240V/100A/2P.
- PROVIDE AND INSTALL NEMA 1 NON-FUSIBLE DISCONNECT RATED 240V/60A/3P.
- GANG DISPOSAL AND UNDERCABINET LIGHTING SWITCH TOGETHER. DISPOSAL SWITCH SHALL BE INSTALLED FARTHEST FROM SINK.
- REFER TO MECHANICAL EQUIPMENT CIRCUIT SCHEDULE ON SHEET E401 FOR CIRCUITING REQUIREMENTS. DISCONNECTS SHALL BE MOUNTED SO THEY DO NOT INTERFERE WITH EQUIPMENT ACCESS OR CLEARANCE SPACE.
- INTERLOCKING OF LOUVER L2 WITH DOAS-1 & DOAS-2 IS DONE BY MECHANICAL CONTRACTOR. COORDINATE WITH MECHANICAL CONTRACTOR FOR ADDITIONAL REQUIREMENTS.
- CONNECT RECEPTACLE TO "PP1-15".
- DUCT SMOKE DETECTOR FOR FCU-9. CONNECT TO FIRE ALARM SYSTEM. DETECTOR IS PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR.
- DUCT SMOKE DETECTOR FOR DOAS-2. CONNECT TO FIRE ALARM SYSTEM. DETECTORS ARE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR.
- 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.
- CONNECT WOOD FIRE SUPPRESSION SYSTEM TO FIRE ALARM SYSTEM AS REQUIRED.





CONTENTS

REVISIONS

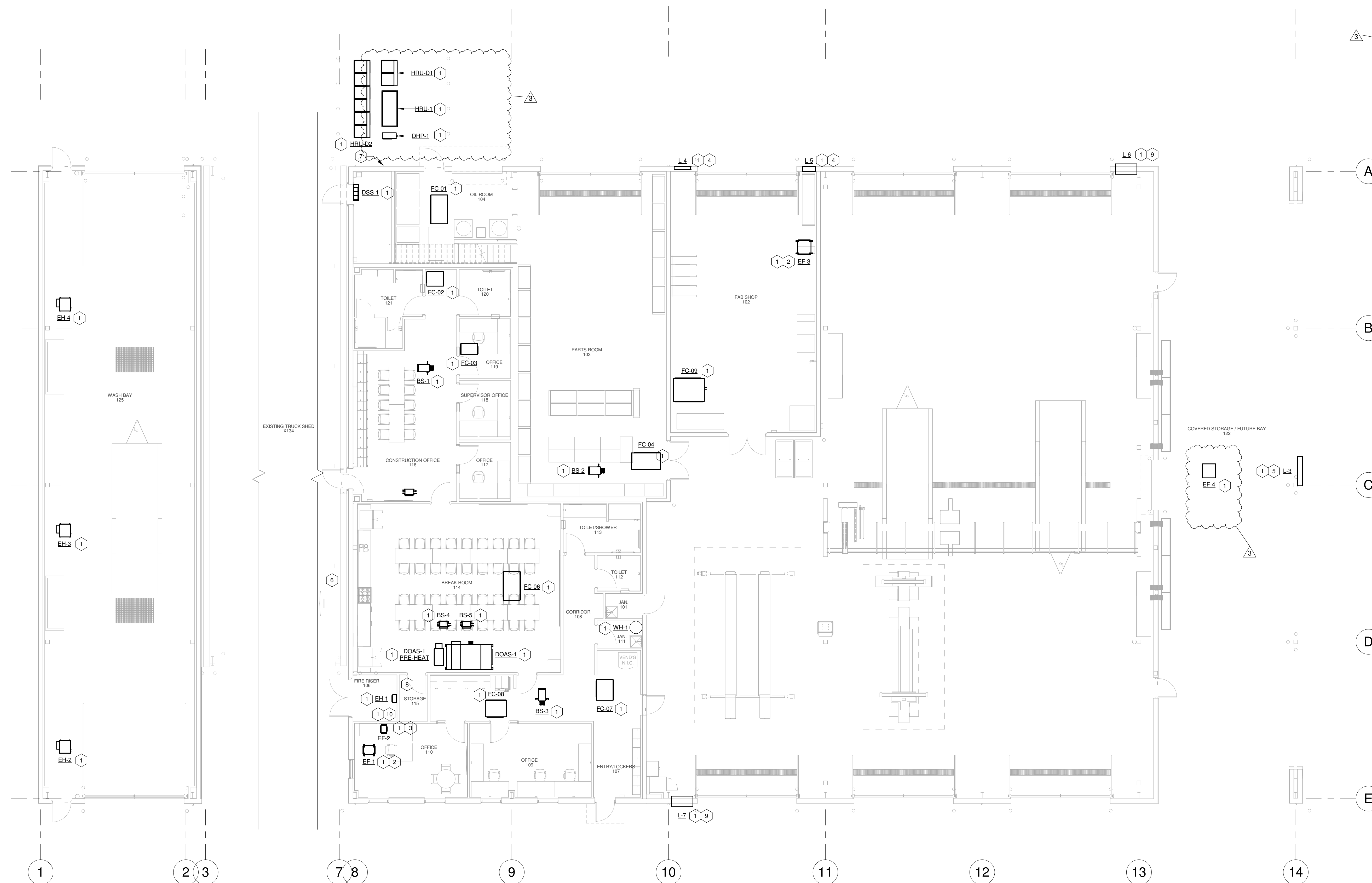
24-096

JOB. NO.

02.14.2025

ISSUE SET

E401



HVAC EQUIPMENT POWER PLAN

$$1/8^* = 1' \cdot 0$$


- ## 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 WATERTIGHT.
3. ALL CONDUIT INSTALLED ACROSS EXISTING TRUCK SHED SHALL BE ROUTED AS HIGH AS POSSIBLE. COORDINATE ROUTING WITH EXISTING STRUCTURE AND UTILITIES.

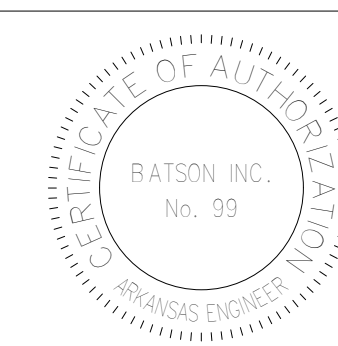
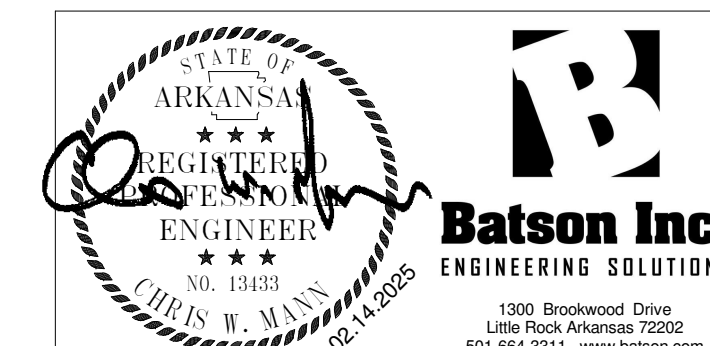
- ## KEYED ELECTRICAL NOTES

- 1 REFER TO MECHANICAL EQUIPMENT CIRCUIT SCHEDULE THIS SHEET FOR CIRCUITING REQUIREMENTS. DISCONNECTS SHALL BE MOUNTED ON THIS WALL. DO NOT INTERFERE WITH EQUIPMENT ACCESS ON CLEARANCE SPACE.
- 2 ROUTE EXHAUST FAN CIRCUIT THRU TIERUM (BY DIV. 23). COORDINATE LOCATION OF TIMER WITH MECHANICAL CONTRACTOR.
- 3 ROUTE EXHAUST FAN CIRCUIT THRU LINE VOLTAGE THERMOSTAT IN CHASING RIS. VERIFY EXIST CIRCUITING WITH MECHANICAL CONTRACTOR.
- 4 INTERLOCKING OF LOUVERS 4-5 & 4-6 WITH EXHAUST FAN EF-3 IS DONE BY MECHANICAL CONTRACTOR FOR ADDITIONAL REQUIREMENTS. MECHANICAL CONTRACTOR FOR ADDITIONAL REQUIREMENTS.
- 5 INTERLOCKING OF LOUVERS 1-3 WITH EXHAUST FAN EF-4 IS DONE BY MECHANICAL CONTRACTOR. COORDINATE WITH MECHANICAL CONTRACTOR FOR ADDITIONAL REQUIREMENTS.
- 6 PROVIDE AND INSTALL 120V FOR HEAT TRACE AT ICE MACHINE. CONNECT TO CIRCUIT "P1-24".
- 7 DISCONNECTS FOR OUTDOOR HURLS SHALL BE INSTALLED ALONG THIS WALL.
- 8 PROVIDE AND INSTALL 120V CIRCUIT FOR HVAC BMS CONTROL PANEL. CONNECT TO CIRCUIT "M1-14".
- 9 INTERLOCKING OF LOUVERS 1-3 & 1-7 WITH EF-4 IS DONE BY MECHANICAL CONTRACTOR. COORDINATE WITH MECHANICAL CONTRACTOR FOR ADDITIONAL REQUIREMENTS.
- 10 DRY-PIPE SPRINKLER SYSTEM AIR COMPRESSOR LOCATED THIS ROOM. VERIFY EXIST LOCATION WITH FIRE PROTECTION CONTRACTOR.

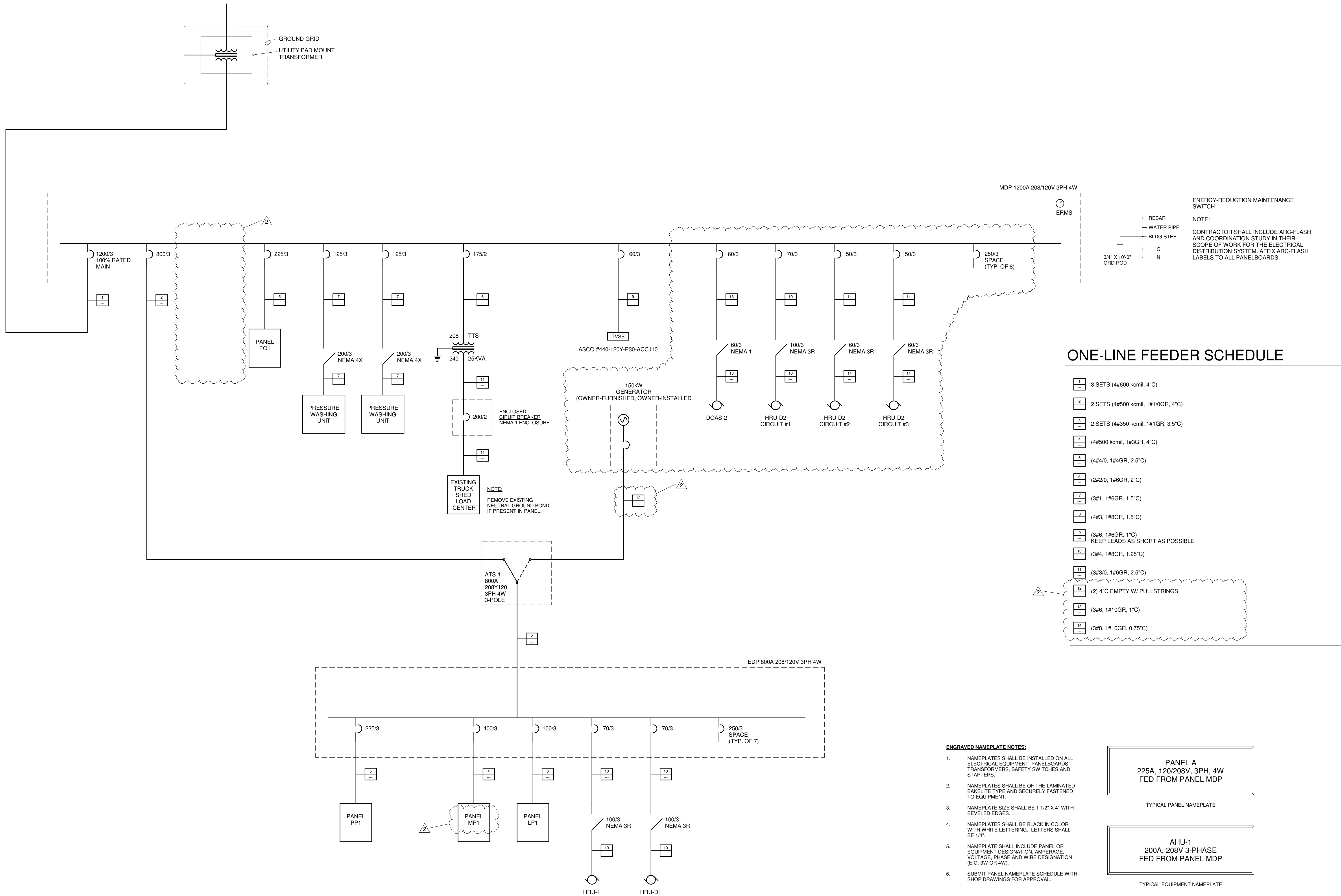
HVAC EQUIPMENT CIRCUIT SCHEDULE				
ITEM	VOLTAGE	CIRCUIT	WIRE/CONDUIT	DISC.
DOAS-1	208/1	MP1-54.56	2#12, 1#12EG, .75"C	NF 240V/30A/2P
DOAS-1 PRE-HEATER	208/1	MP1-58.60	2#6, 1#10EG, .75"C	NF 240V/50A/2P
DOAS-2	208/3	MDP-8	SEE ONE-LINE DIAGRAM	
DOAS-3	DELETED FROM PROJECT			
HRU-1	208/3	MDP-7	SEE ONE-LINE DIAGRAM	
HRU-D1	208/3	MDP-9	SEE ONE-LINE DIAGRAM	
HRU-D2 - CIRCUIT #1	208/3	MDP-10	SEE ONE-LINE DIAGRAM	
HRU-D2 - CIRCUIT #2	208/3	MDP-12	SEE ONE-LINE DIAGRAM	
HRU-D2 - CIRCUIT #3	208/3	MDP-14	SEE ONE-LINE DIAGRAM	
HRU-D3 - CIRCUIT #1	DELETED FROM PROJECT			
HRU-D3 - CIRCUIT #2	DELETED FROM PROJECT			
HRU-D3 - CIRCUIT #3	DELETED FROM PROJECT			
FC-01	208/1	MP1-1.3	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
FC-02	208/1	MP1-5.7	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
FC-03	208/1	MP1-9.11	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
FC-04	208/1	MP1-13.15	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
FC-05	208/1	MP1-17.19	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
FC-06	208/1	MP1-21.23	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
FC-07	208/1	MP1-25.27	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
FC-08	208/1	MP1-29.31	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
FC-09	208/1	MP1-33.35	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
EH-1	120V	MP1-37	2#12, 1#10EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
EH-2	120V	MP1-39.41	2#10, 1#10EG, .75"C	NEMA 4X STAINLESS NF 240V/30A/2P
EH-3	208/1	MP1-43.45	2#10, 1#10EG, .75"C	NEMA 4X STAINLESS NF 240V/30A/2P
EH-4	208/1	MP1-47.49	2#10, 1#10EG, .75"C	NEMA 4X STAINLESS NF 240V/30A/2P
WH-1	208/3	MP1-2.4.6	3#10, 1#10EG, .75"C	NF 240V/30A/3P
BS-1	208/1	MP1-8.10	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-2	208/1	MP1-8.10	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-3	208/1	MP1-8.10	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-4	208/1	MP1-12.14	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-5	208/1	MP1-12.14	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-6	208/1	MP1-16.18	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-7	208/1	MP1-16.18	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-8	208/1	MP1-16.18	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-9	208/1	MP1-16.18	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-10	208/1	MP1-16.18	2#12, 1#12EG, .75"C	DOUBLE POLE, SINGLE THROW 240/30A TOGGLE
BS-11	DELETED FROM PROJECT			
BS-12	DELETED FROM PROJECT			
BS-13	DELETED FROM PROJECT			
BS-14	DELETED FROM PROJECT			
BS-15	DELETED FROM PROJECT			
DHP1-DOSS-1	208/1	MP1-24.26	2#12, 1#12EG, .75"C	NFRT 240V/30A/2P
EF-1	120V	MP1-28	2#12, 1#12EG, .75"C	NEMA 1 TOGGLE
EF-2	120V	MP1-30	2#12, 1#12EG, .75"C	NEMA 1 TOGGLE
EF-3	120V	MP1-32	2#10, 1#10EG, .75"C	NEMA 1 TOGGLE
EF-4	208/1	MP1-34.36	2#10, 1#10EG, .75"C	NF 240V/30A/2P
EF-5	DELETED FROM PROJECT			
L-2	120V	MP1-42	2#12, 1#12EG, .75"C	
L-3	120V	MP1-42	2#12, 1#12EG, .75"C	
L-4	120V	MP1-42	2#12, 1#12EG, .75"C	
L-5	120V	MP1-42	2#12, 1#12EG, .75"C	
L-6	120V	MP1-42	2#12, 1#12EG, .75"C	
L-7	120V	MP1-42	2#12, 1#12EG, .75"C	
SPRINKLER AIR COMP.	208/3	EG1-36.37.39	3#12, 1#12EG, .75"C	NF 240V/30A/3P
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 INTERCONNECTION 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.				

SCHEDULE NOTES:

1. DISCONNECT SAFETY SWITCHES: HD = HEAVY DUTY, NF = NON-FUSED, RT = NEMA 3R ENCLOSURE
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4. ALL MOTOR STARTERS AND DOUBLE-POLE SINGLE-THROW SWITCHES SHALL BE PROVIDED WITH A HANDLE PADLOCK ATTACHMENT.



4/18/2025 2:52:52 PM Autodesk Docs: Original Design Maintenance Shop - E501 - E502 Maintenance Shop - MDP Content Set



1
E501 NTS
ELECTRICAL ONE-LINE DIAGRAM

2
E501 1/8" = 1'-0"
ELECTRICAL EQUIPMENT TAG DETAIL



NO.	DATE	DESCRIPTION
1	03/06/25	ADD #1
2	04/03/25	Post Bid ADD #1

24-096

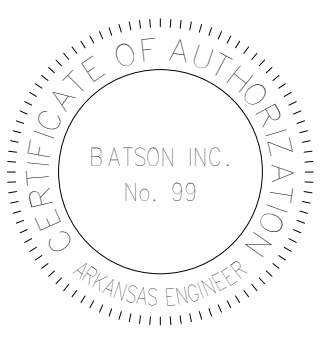
JOB NO.

02.14.2025

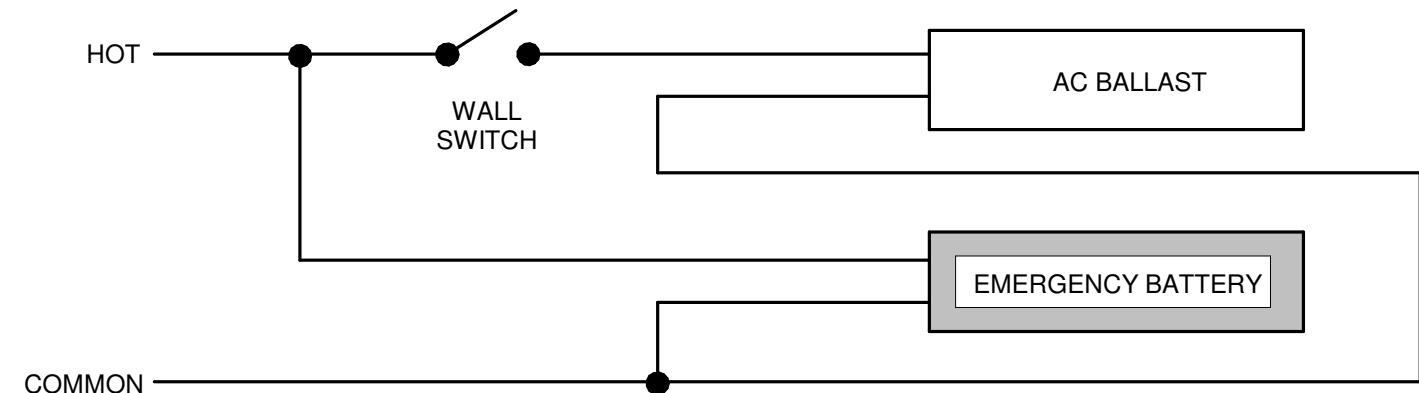
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ISSUE SET

E601



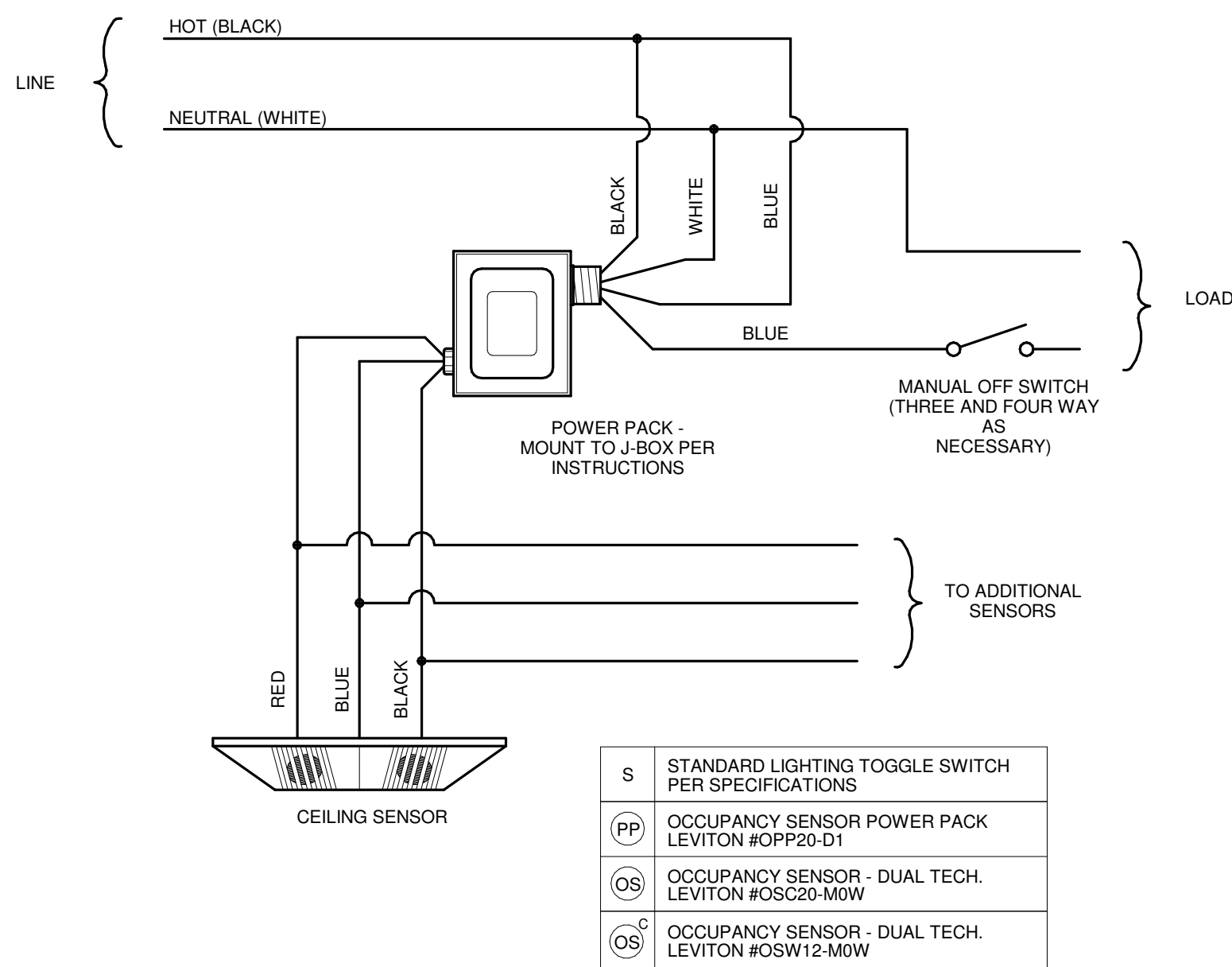
PANELBOARD SCHEDULE													
Panel Name:		MDP		Volts: 120/208		Mains: 1200A		Fed From: UTILITY		Interrupting Rating: 22KAIC			
TYPE:		SQUARE D "HCR-U"		phase: 3		wire: 4		lugs breaker surface flush top bottom		X X X		COPPER BUS GROUND BAR	
BRANCH BREAKERS													
ITEM		CKT BKR	CKT NO.	LOAD (KVA)			LOAD(KVA)			CKT NO.	CKT BKR	ITEM	
PANEL "EDP"		800/3	1	A	B	C	A	B	C	2	TVSS		
				73.76									
					74.34								
TRUCK SHED TRANSFORMER		175/2	3	8.33	8.34	10.71				4	PRESSURE WASHER - WASH BAY		
SPACE W/ BUSSING		250/3	5			10.71			10.71	6	PRESSURE WASHER - WASH BAY		
								18.71					
PANEL "EQ1"		225/3	1	11.40		5.01			10.71	800/3	DOAS-2		
					8.59			5.01		6			
SPACE W/ BUSSING		250/3	9			5.60			5.60	70/3	HRU-D2 - CIRCUIT #1		
								5.60		10			
SPACE W/ BUSSING		250/3	11			4.13		4.13		50/3	HRU-D2 - CIRCUIT #2		
									4.13	12			
SPACE W/ BUSSING		250/3	13			4.13		4.13		50/3	HRU-D2 - CIRCUIT #3		
									4.13	14			
SPACE W/ BUSSING		250/3	15						4.13	250/3	SPACE W/ BUSSING		
										16			
SPACE W/ BUSSING		250/3	17							250/3	SPACE W/ BUSSING		
										18			
PROVIDE WITH 4-PIECE TRIM WITH DOOR. PROVIDE PANEL AS SERVICE ENTRANCE RATED.				93.49	91.21	93.56	40.29	40.29	40.29	PROVIDE PANEL WITH 100% RATED MAIN CIRCUIT BREAKER. PROVIDE PANEL WITH ERMS SWITCH.			
				133.78	131.50	133.85	TOTALS						
				399.13	TOTAL CONN. LOAD KVA								



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.

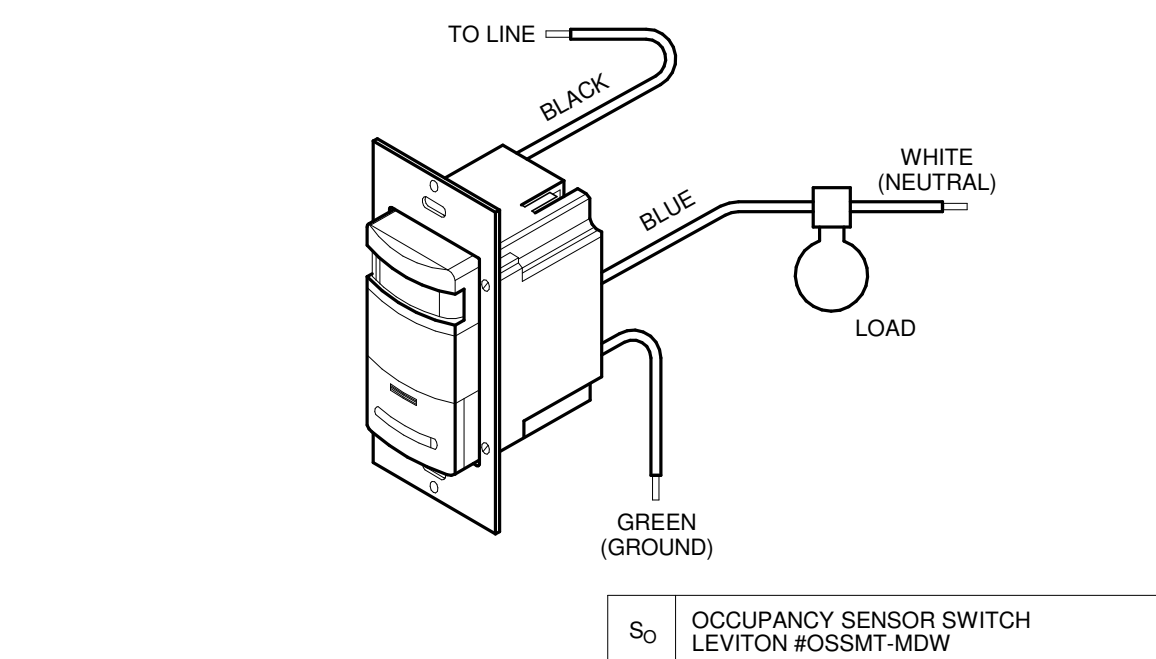
EMERGENCY BATTERY WIRING

1
E701
NTS



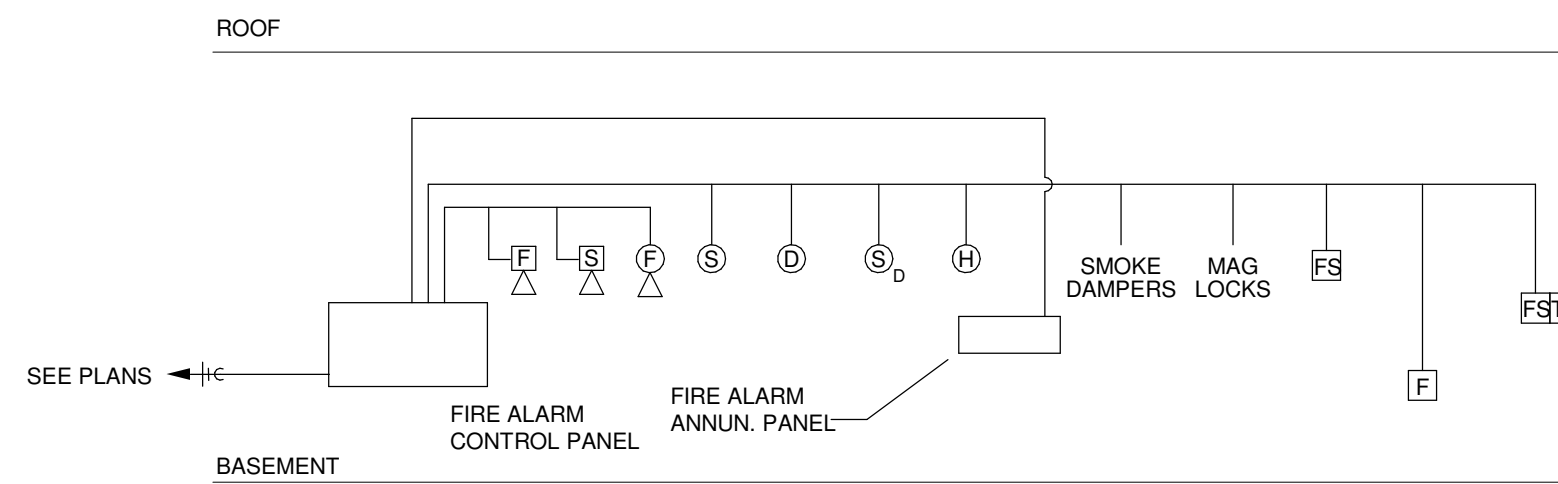
CEILING OCCUPANCY SENSOR DETAIL

2
E701
NOT TO SCALE



WALL OCCUPANCY SENSOR DETAIL

3
E701
NOT TO SCALE

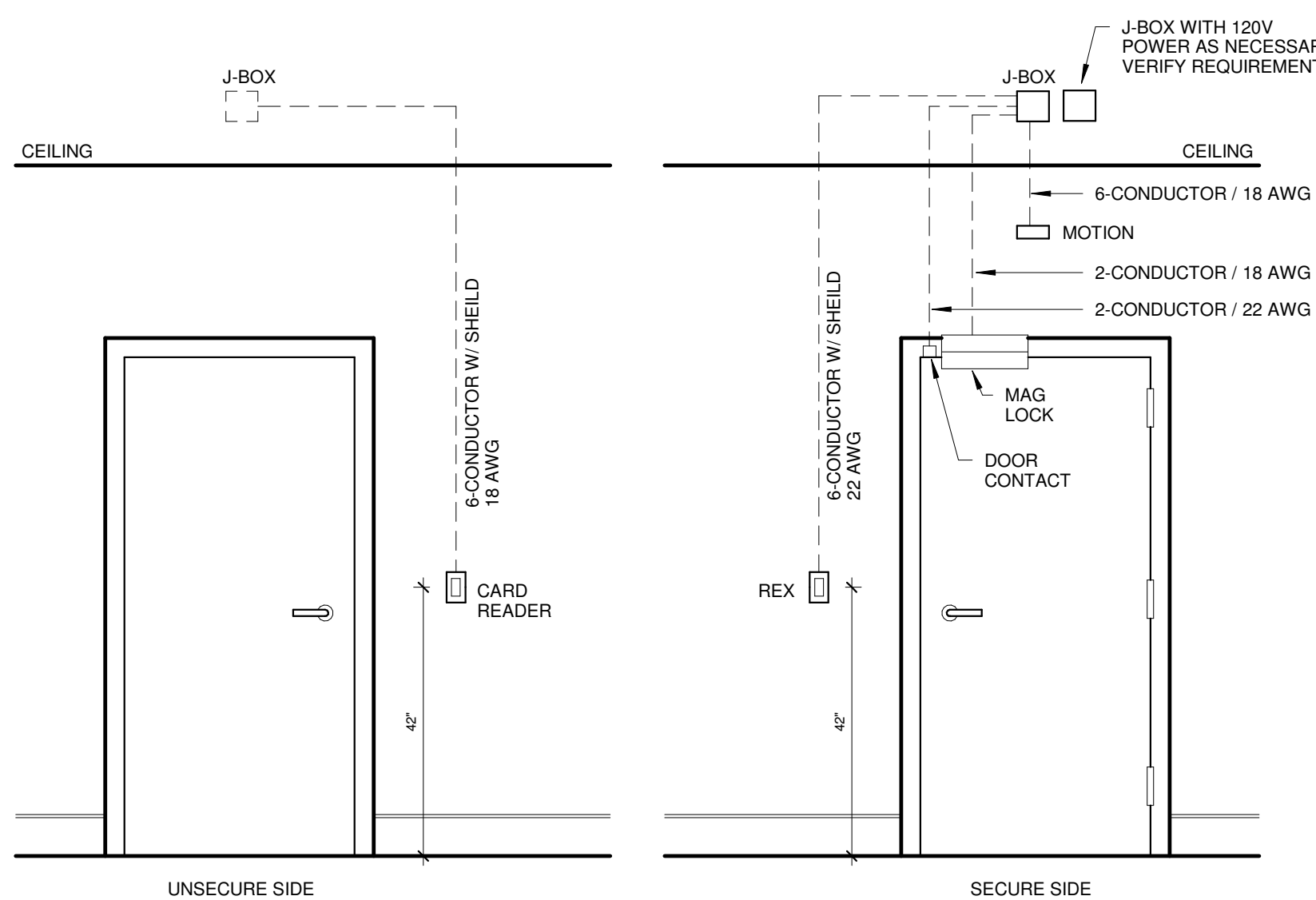


NOTES:
ALL FIRE ALARM WIRING SHALL BE INSTALLED IN CONDUIT.
PROVIDE (2) TWO DEDICATED PHONE LINES FROM DEMARKATION POINT TO FIRE ALARM CONTROL PANEL.
COORDINATE EXACT LOCATIONS/QUANTITIES OF TAMPER AND FLOW SWITCHES WITH FIRE PROTECTION CONTRACTOR.
COORDINATE EXACT LOCATION AND INSTALLATION OF DUCT SMOKE 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.

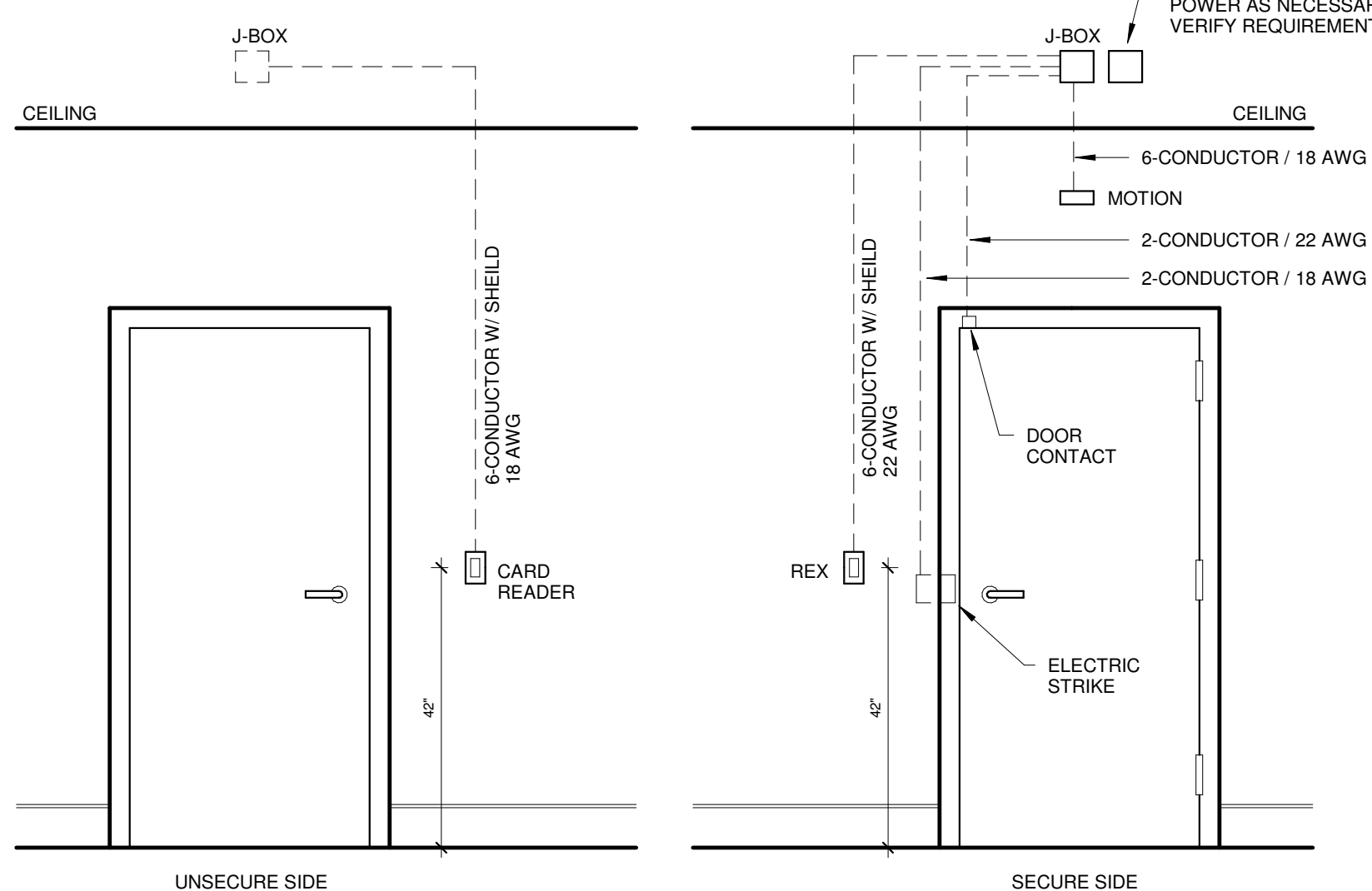
DELEGATED DESIGN NOTE:
NOTE: FIRE ALARM DEVICES ARE SHOWN AS A GENERAL REFERENCE ONLY. THE ENTIRE FIRE ALARM SYSTEM IS A DELEGATED DESIGN AND THE FIRE ALARM CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND PLACEMENT OF ALL FIRE ALARM DEVICES TO MEET APPLICABLE CODES PER SPECIFICATIONS 28.31.11.

FIRE ALARM RISER DIAGRAM

5
E701
NOT TO SCALE



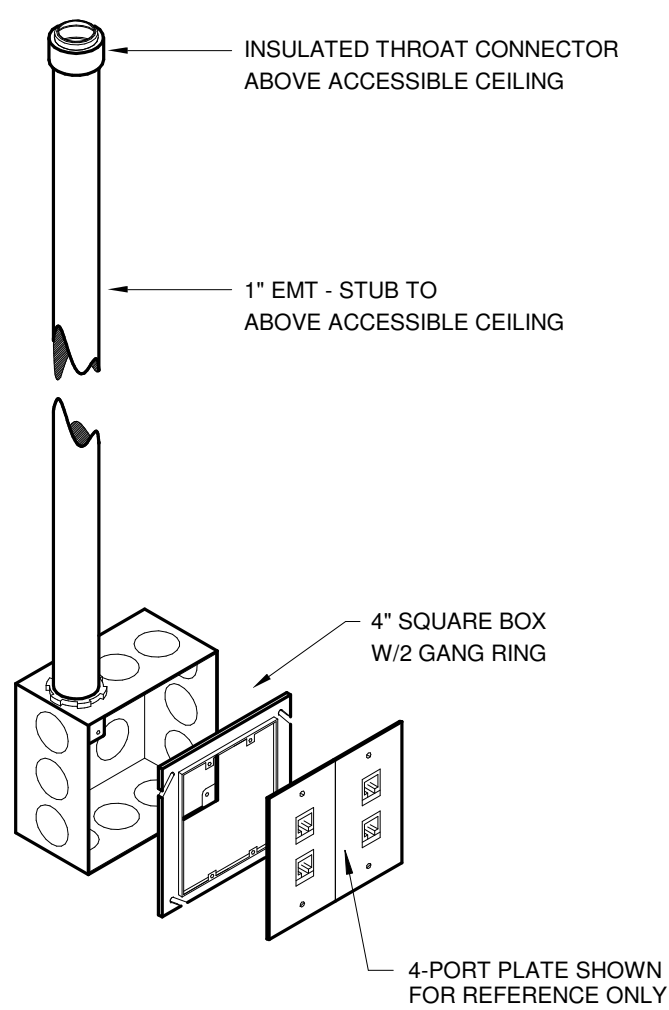
MAG-LOCK DOOR



ELECTRIC STRIKE DOOR

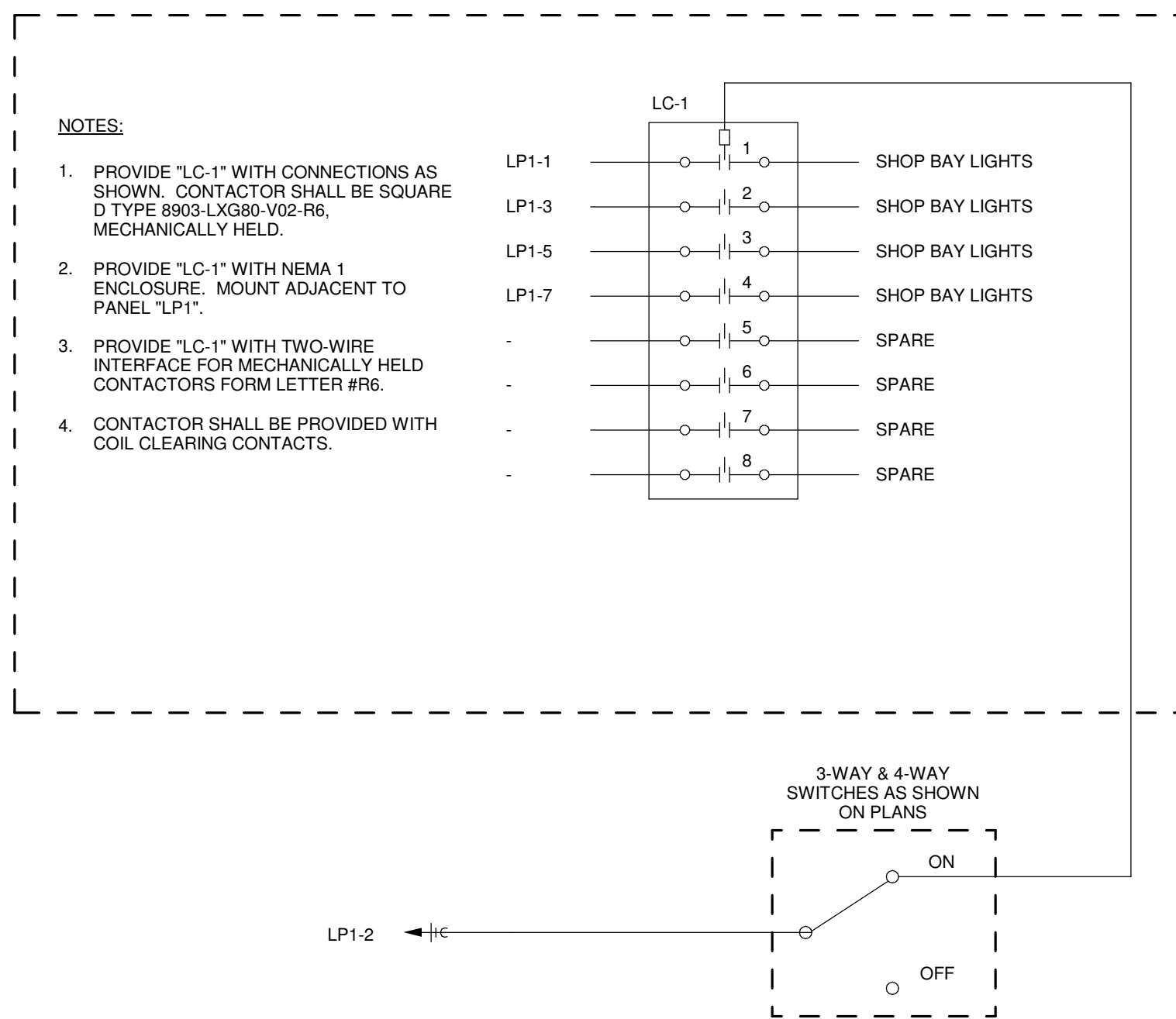
TYPICAL DOOR ACCESS

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



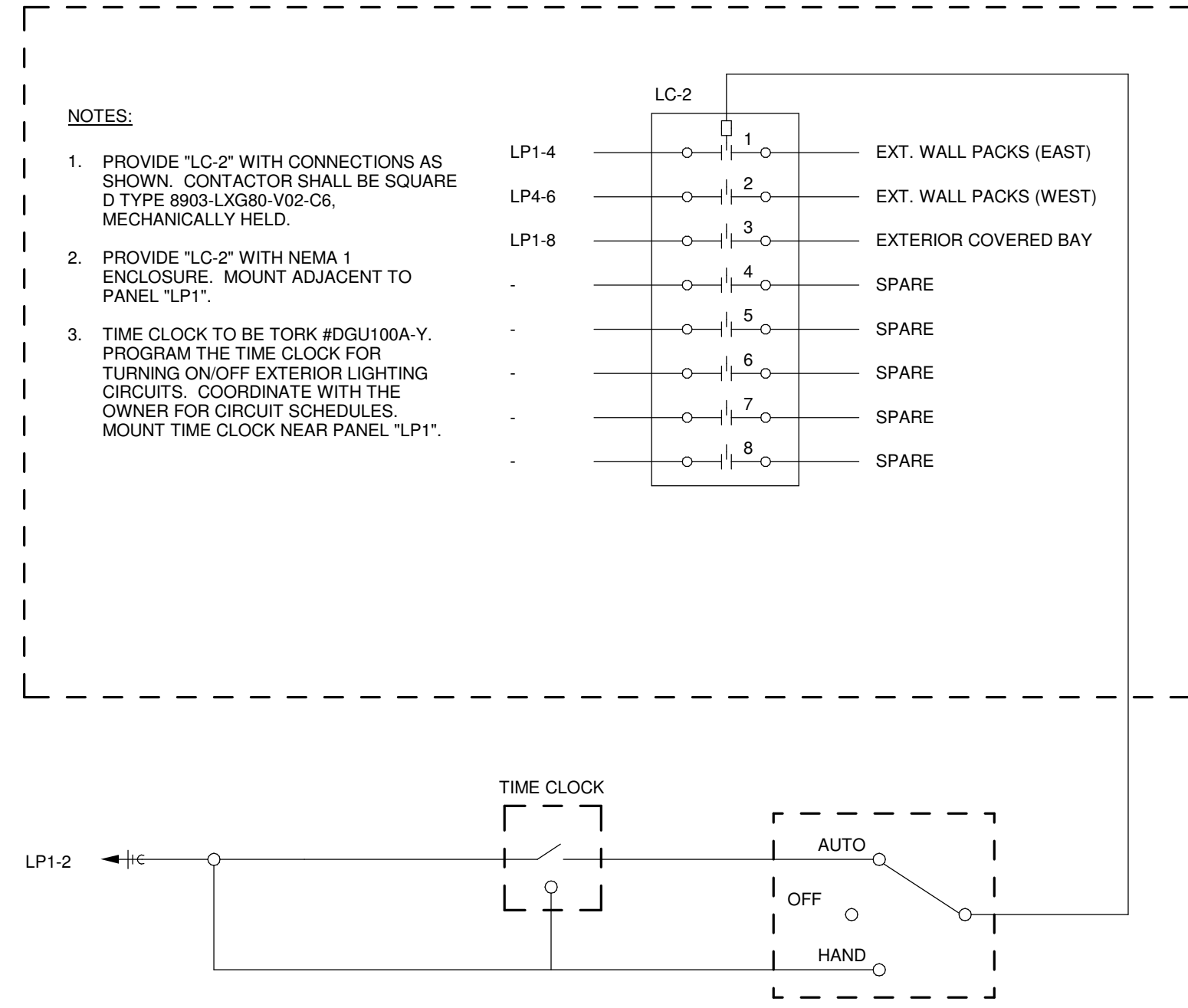
TELE/DATA OUTLET DETAIL

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

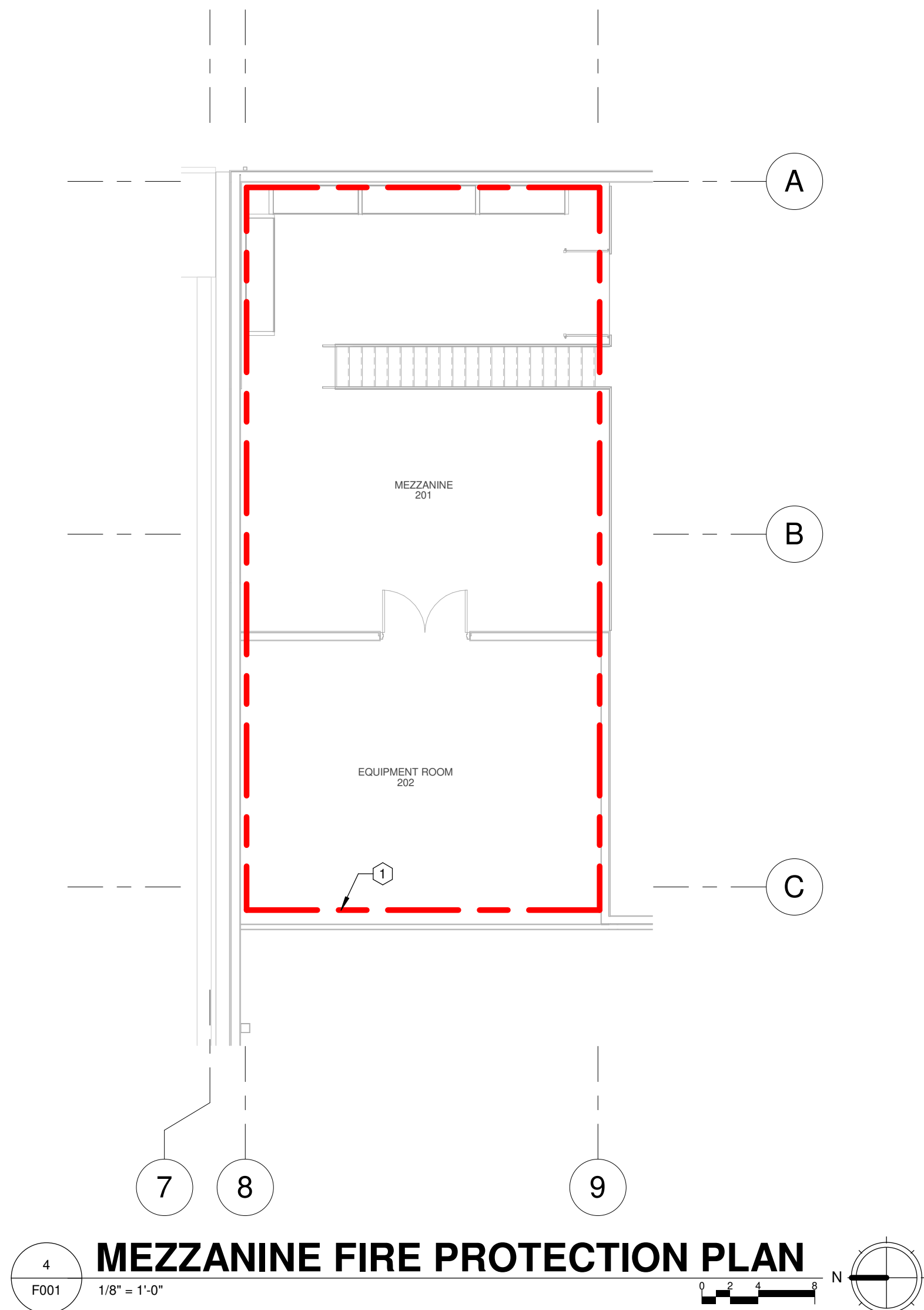
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REVISIONS

24-096
JOB NO.
02.14.2025
DATE
ISSUE SET

E701

SHEET



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.

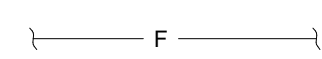
FIRE PROTECTION DRAWING INDEX

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 COMPLETE HYDRAULICALLY CALCULATED, FULLY AUTOMATIC, WET AND DRY PIPE SPRINKLER SYSTEMS, AS PER NFPA 13, SPECIFICATIONS, AND LOCAL CODE AND INSURERS 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
	FIRE PROTECTION SYSTEM

NO.	DATE	DESCRIPTION
1	03/06/25	ADD #1
2	03/10/25	ADD #2
3	04/03/25	Post Bldg ADD #1

24-096

02.14.2025

ISSUE SET

F101



1
F101
1/8" = 1'-0"

FIRE PROTECTION FLOOR PLAN

1/8" = 1'-0"

KEYED NOTES:

- 1 SEE CIVIL FOR CONTINUATION.
- 2 FIRE SERVICE RISES TO DCDA AND WET AND DRY PIPE RISERS.
- 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 SIAMESE 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 NOT USED.
- 9 BELOW MEZZANINE, SPRINKLER MAINS TO ROUTE OVER LOWER CEILINGS OF OFFICES. BRANCH LINES TO RISE AND ROUTE BETWEEN BEAMS SUPPORTING MEZZANINE.
- 10 AREA INDICATED BY OUTLINE PROTECTED BY DRY PIPE SPRINKLER SYSTEM. PROTECTED AREAS TO INCLUDE COVERED STORAGE/FUTURE BAY 122, EXISTING TRUCK SHED 124 AND WASH BAY 125.

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 INCLUDING THE EQUIPMENT AND INSTALLATION OF THE MECHANICAL WORK.
4. CONTRACTOR SHALL BECOME, PRIOR TO BID, THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THE NOTES AS WELL AS OTHER NOTES SHOWN ON THE CONTRACT DOCUMENTS.
5. THESE DRAWINGS REFLECT A SYSTEM DESIGNED AROUND SPECIFIC REFERENCE INFORMATION. THE CONTRACTOR SHALL BE AWARE OF AND SUBSEQUENTLY INCREASED DESIGNS OF OTHER TRADES (ELECTRICAL, STRUCTURAL, ETC.), IF SUBSTITUTE MANUFACTURERS, SIZES, OR MODEL NUMBERS ARE BID, OR SUBMITTED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THE NECESSARY INFORMATION TO COORDINATE ALL DIFFERENCES PRIOR TO BID. ALL COSTS OF ALL TRADES ASSOCIATED WITH THE COORDINATION SHALL BE THE BIDDER'S RESPONSIBILITY.
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 FOR OBTAINING AND PROVEN UNSATISFACTORY BY OWNER AND/OR ENGINEER. WITHIN THE WARRANTY PERIOD, SHALL BE REMOVED COMPLETELY BY THE CONTRACTOR AND REPLACED WITH ORIGINAL EQUIPMENT OR COMPONENT AS DIRECTED BY THE ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.
11. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATED BY THE GENERAL APPENDMENTS OR NOTES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AND SHALL NOT BE INTENDED TO SPECIFY OR SHOW EVERY OFFSET, SEQUENCE, DEVICE, OPTION, FITTING, OR COMPONENT.
8. INFORMATION AND COMPONENTS SHOWN ON RISER DIAGRAMS OR DETAILS, BUT NOT SHOWN IN PLANS, AND VICE VERSA, SHALL BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH.
9. CONTRACTOR SHALL NOT SCALE DRAWINGS. DRAWINGS SPECIFIC TO THIS DISCIPLINE REPRESENT THE CONTRACTOR'S RESPONSIBILITY FOR 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 SUBMITTAL.
11. EXACT LOCATIONS OF ALL EQUIPMENT, ROOF CURBS, DUCTS, DIFFUSERS, ETC. SHALL BE COORDINATED WITH OTHER TRADES. CEILING MOUNTED SPRINKLER LIGHTING, AND LIGHTING SHALL BE COORDINATED WITH OTHER TRADES. SEE CEILING MOUNTED MECHANICAL REQUIREMENTS. SEE ARCHITECTURAL, REFLECTED CEILING PLANS FOR SPRINKLER DUCTS AND LIGHTING LAYOUT FOR COORDINATION OF FINAL DIFFUSER LOCATIONS.
12. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING DETAILS AND PARTITIONS.
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 OF WORK.
15. ROUGH-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 INSTALLATION REQUIREMENTS AND DESIGN CRITERIA AS THE DOCUMENTS. NOTIFY ENGINEER OF ANY CHANGES, INCOMPATIBILITY, OR UNUSUAL CONDITIONS IMMEDIATELY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE APPROVED EQUIPMENT (WHERE APPLICABLE).
16. ALL MECHANICAL CONSTRUCTION DETAILS SHALL BE AS SHOWN AND AS REQUIRED TO FULLY COMPLY WITH THE SPECIFICATIONS AND DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PENETRATIONS THROUGH ROOF ASSEMBLIES, FIRE AND SMOKE WALLS. COORDINATE WITH GENERAL CONTRACTOR.
17. IF NO OTHER TRADES, I.E., ELECTRICAL, CEILING, PLUMBING, ETC., SHALL BE SUSPENDED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR FLASHING AND SEALING ALL ROOF PENETRATIONS.
18. 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 ALL APPLICABLE REQUIREMENTS.
19. PROVIDE CONCRETE PADS FOR ALL GROUND-MOUNTED EQUIPMENT.
20. 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

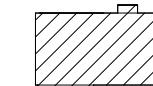
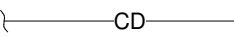










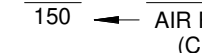
















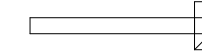



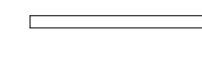





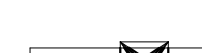




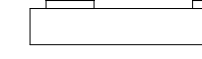


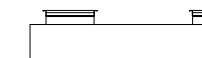




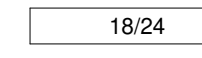

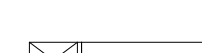
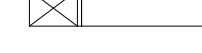
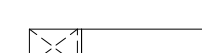
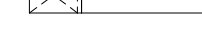

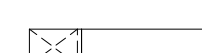
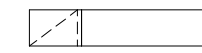

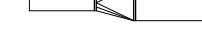
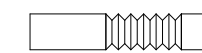

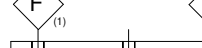
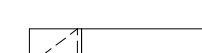


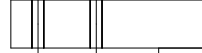
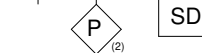



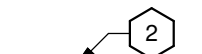









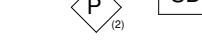





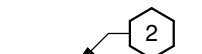















1. PROVIDE ACCESS DOORS TO ALL FIRE DAMPERS, SMOKE DAMPERS, EQUIPMENT, COLLS, ETC. WHERE NOT DIRECTLY ACCESSIBLE THROUGH AIR DEVICES OR REMOVABLE CEILING GRID. MINIMUM SIZE SHALL BE 12" X 18" UNLESS NOTED OTHERWISE.
2. SEE STRUCTURAL PLANS FOR DUCT DIMENSIONS AND DETAILS OF THE BUILDING.
3. MAINTAIN A MINIMUM OF 18" BETWEEN ALL FRESH AIR INTAKES AND PLUMBING VENTS EXHAUST FAN DISCHARGE, FLUES, ETC. COORDINATE WITH ALL OTHER CONTRACTORS ON SITE.
4. SEAL ALL ROOF AND WALL PENETRATIONS, FLASH AND COUNTERFLASH ROOF PENETRATIONS. MINIMUM HEIGHT OF FLASHING IS EIGHT (8) INCHES ABOVE ROOF.
5. ALL HVAC WORK SHALL BE PER SMOA AND ALL APPLICABLE CODES.
6. ALL DUCTS SHALL BE MOUNTED AS HIGH AS POSSIBLE AGAINST BOTTOM OF JOISTS AS REQUIRED TO AVOID CONTACT WITH INTERSECTING DUCTS. DIAGONALLY OFFSET DUCTS IMMEDIATELY BEFORE AND AFTER PASSING UNDER INTERSECTING PIPING OR LAFR STRUCTURE. HANGERS TO MAINTAIN DUCT TIGHT TO STRUCTURE. PIPING SHALL BE DOUBLE THICKNESS.
7. PROVIDING MINIMUM 45 DEGREES. IF ALL FLOORS GREATER THAN 45 DEGREES. TURNING DOWN SHALL BE DOUBLE THICKNESS.
8. MAXIMUM 4" FLEX DUCT ON ALL DIFFUSER RUNOUTS. CONNECTIONS TO FLEX DUCT SHALL BE SMOOTH ON AIRFLOW SIDE.
9. PROVIDE INDICATED BRANCH TAKEOFF AND DAMPER AT EACH CONNECTION OF ROUND BRANCH DUCTS TO A RECTANGULAR DUCT.
10. PROVIDE FLEXIBLE CONNECTIONS AND TRANSITIONS ON DUCT INLET AND OUTLET CONNECTIONS TO FLEX DUCT. EXHAUST FANS, AIR BOXES, ETC. WHERE EQUIPMENT HAS ROTATING PARTS (MOTORS, ETC.).
11. SEE ARCH REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED AIR DEVICES.
12. WHERE DUCT LINER IS INDICATED, THE DUCT SIZES ON THE DRAWINGS SHALL BE INCREASED IN SIZE TO ACCOMMODATE LINER THICKNESS. SIZE SHOWN ON THE DRAWINGS ARE THE REQUIRED CLEAR INSIDE DIMENSIONS OF THE LINER WHERE USED.
13. INTERNALLY INSULATE ALL RECTANGULAR SUPPLY AND RETURN AIR DUCTS. ALL BRANCH DUCTS TO BE EXTERNALLY INSULATED WITH FIBERGLASS DUCT INSULATION WRAP UNLESS OTHERWISE NOTED.
14. THE DUCT SIZES ON THE DRAWINGS SHALL BE INCREASED IN SIZE TO ACCOMMODATE LINER THICKNESS. SIZES SHOWN ON THE DRAWINGS ARE THE REQUIRED CLEAR INSIDE DIMENSIONS OF THE LINER WHERE USED.
15. PROVIDE ALUMINUM JACKETS ON ALL EXTERIOR PIPE INSULATION.
16. INSTALL SCHEDULED FLATERS AT THE COMPLETION OF CONSTRUCTION. USE ONE SET OF SCHEDULED FLATERS DURING CONSTRUCTION AS INDICATED ON THE SCHEDULE. INSTALL FINAL SET PRIOR TO TEST AND BALANCE.
17. 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.
18. 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 DAMPERS/ACTUATORS: FURNISHED BY MC, INSTALLED BY MC.
- D) DISCONNECTS:
- WHERE NOT FURNISHED WITH EQUIPMENT: FURNISHED BY EC, INSTALLED BY EC.
- WHERE FURNISHED WITH EQUIPMENT: FURNISHED BY MC, INSTALLED BY EC.
19. INSTALL SMOKE DETECTORS IN SUPPLY OR RETURN DAMPERS WHERE INDICATED ON PLANS.
20. COORDINATE FINAL PLACEMENT OF ALL THERMOSTATS WITH ARCHITECT AND MECHANICAL CONTRACTOR. THERMOSTATS TO BE MOUNTED ON AN EXTERIOR WALL SHALL BE MOUNTED ON AN INSULATED PAD.
21. PROVIDE HVAC CONDENSATE DRAIN. INSTALL WITH TRAP AND AIR VENT PER CODE AND IS INDICATED AND FULL SIZE OF DRAIN PAN CONNECTION.
22. PROVIDE AUXILIARY DRAIN PAN FOR COOLING COLLS ABOVE THE CEILING. PROVIDE MOISTURE SENSOR IN PAN TO STOP UNIT AND SIGNAL ALARM.

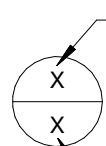
CONTROL NOTES:

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 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

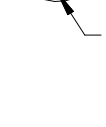
HVAC LEGEND

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				MAKE-UP WATER
BHP	BRAKE HORSE POWER	CS	CEILING SUPPLY		
BTUH	BRITISH THERMAL UNIT PER HOUR	DG	DOOR GRILLE		
CFM	CUBIC FEET PER MINUTE	CE	CEILING EXHAUST		
CH	CHILIER	LSD	LINEAR SLOT DIFFUSER		BALL VALVE
CV	CONSTANT VOLUME	CR	CEILING RETURN		
CVB	CONSTANT VOLUME TERMINAL	TR	TRANSFER GRILLE		BUTTERFLY VALVE
DB	DRY BULB TEMPERATURE	SWE	SIDE WALL EXHAUST		
DP	DIFFERENTIAL PRESSURE	SWG	SIDE WALL SUPPLY		CHECK VALVE
EA	EXHAUST AIR	SWR	SIDE WALL RETURN		
EAT	ENTERING AIR TEMPERATURE OF THE COIL				GATE VALVE
EF	EXHAUST FAN				GLOBE VALVE
ERU	ENERGY RECOVERY UNIT	CS-1	MARK		
ESP	EXTERNAL STATIC PRESSURE	150	AIR FLOW (CFM)		NEEDLE VALVE
EUT	ELECTRIC UNIT HEATER				
EWI	ENTERING WATER TEMPERATURE		CEILING SUPPLY DIFFUSER		PLUG VALVE
FAS	FACILITY AUTOMATION SYSTEM				
FCU	FAN COIL UNIT		CEILING RETURN GRILLE		PRESSURE REGULATING VALVE
FO	FLAT OVAL				RELIEF VALVE
FPMB	FAN POWERED MIXING TERMINAL		CEILING EXHAUST GRILLE		SOLENOID VALVE
FBM	FEET PER MINUTE (VELOCITY)				VALVE IN RISER
GH	GRAVITY HOOD		LINEAR SLOT DIFFUSER		
GHM	GALLONS PER MINUTE				PIPE UNION
GUH	GAS UNIT HEATER		GRILLE OR REGISTER ON BOTTOM OF DUCTWORK		AUTO AIR VENT
HP	HORSEPOWER				MANUAL AIR VENT
KW	KILOWATT		SIDEWALL SUPPLY/RETURN		EOCENTRIC TRANSITION
L	LOUVER				CONCENTRIC TRANSITION
LAT	LEAVING AIR TEMPERATURE OF THE COIL		DUCT SIZE (FOR DOUBLE LINE DUCT)		PRESSURE GAUGE
LBS	POUNDS				STEAM TRAP
LWT	LEAVING WATER TEMPERATURE		SUPPLY DUCT UP		STRAINER (Y-TYPE)
MAU	MAKE-UP AIR UNIT		SUPPLY DUCT DOWN		TEMPERATURE & PRESSURE PLUG
MAX.	MAXIMUM		RETURN OR EXHAUST DUCT UP		THERMOMETER
MBH	1000 BTUH		RETURN OR EXHAUST DUCT DOWN		DIRECTION OF FLOW
MCA	MINIMUM CIRCUIT AMPACITY		RECTANGULAR/ROUND TRANSITION (DOUBLE LINE DUCT)		FLEXIBLE PIPE CONNECTION
MIN.	MINIMUM				FLEXIBLE PIPE CONNECTION
MHP	MOTOR HORSE POWER		(1) FIRE DAMPER, (2) COMBINATION FIRE/SMOKE DAMPER, (3) SMOKE DAMPER		FLEXIBLE PIPE CONNECTION
MOP	MAXIMUM OVER CURRENT PROTECTION		PARALLEL BLADE DAMPER		FLEXIBLE PIPE CONNECTION
N/A	NOT APPLICABLE		SMOKE DETECTOR		PIPE DOWN
NC	NOISE CRITERIA		OPPOSED BLADE DAMPER		PIPE UP
N.C.	NORMALLY CLOSED		THERMOSTAT OR SENSOR		TEE UP
NIC	NOT IN CONTRACT				TEE DOWN
N.O.	NORMALLY OPEN				TEE UP
NK.	NECK				TEE DOWN
NTS	NOT TO SCALE				TEE UP
OSD	OPPOSED BLADE DAMPER				TEE DOWN
OCFI	OWNER FURNISHED/CONTRACTOR INSTALLED				TEE UP
OSA	OUTSIDE AIR				TEE DOWN
P	PUMP		RECTANGULAR/ROUND TRANSITION (DOUBLE LINE DUCT)		TEE UP
PBD	PARALLEL BLADE DAMPER		FLEXIBLE DUCT CONNECTION		TEE DOWN
PDU	POOL DEHUMIDIFIER UNIT				TEE UP
PRV	PRESSURE REDUCING VALVE		FLEXIBLE DUCT CONNECTION		TEE DOWN
PSF	POUNDS PER SQUARE FOOT		FLEXIBLE DUCT CONNECTION		TEE UP
PSI	POUNDS PER SQUARE INCH		FLEXIBLE DUCT CONNECTION		TEE DOWN
PSIG	POUNDS PER SQUARE INCH GAUGE		FLEXIBLE DUCT CONNECTION		TEE UP
RA	RETURN AIR		FLEXIBLE DUCT CONNECTION		TEE DOWN
RC	REMOTE CONDENSER		FLEXIBLE DUCT CONNECTION		TEE UP
RF	RELIEF FAN		FLEXIBLE DUCT CONNECTION		TEE DOWN
RH	RELATIVE HUMIDITY		FLEXIBLE DUCT CONNECTION		TEE UP
RHP	REDIANT HEATING PANEL		FLEXIBLE DUCT CONNECTION		TEE DOWN
RPM	REVOLUTION PER MINUTE		FLEXIBLE DUCT CONNECTION		TEE UP
RTH	RADIANT TUBE HEATER		FLEXIBLE DUCT CONNECTION		TEE DOWN
RTU	ROOF TOP (AIR CONDITIONING) UNIT		FLEXIBLE DUCT CONNECTION		TEE UP
SA	SUPPLY AIR		FLEXIBLE DUCT CONNECTION		TEE DOWN
SC	SENSIBLE CAPACITY		FLEXIBLE DUCT CONNECTION		
SP	STATIC PRESSURE		FLEXIBLE DUCT CONNECTION		
SPEC.	SPECIFICATION		FLEXIBLE DUCT CONNECTION		
TC	TOTAL CAPACITY		FLEXIBLE DUCT CONNECTION		
TSP	TOTAL STATIC PRESSURE		FLEXIBLE DUCT CONNECTION		
T-STAT	THERMOSTAT		FLEXIBLE DUCT CONNECTION		
TYP.	TYPICAL		FLEXIBLE DUCT CONNECTION		
UH	UNIT HEATER		FLEXIBLE DUCT CONNECTION		
VAV	VARIABLE AIR VOLUME		FLEXIBLE DUCT CONNECTION		
VAVB	VARIABLE AIR VOLUME TERMINAL		FLEXIBLE DUCT CONNECTION		
VSD	VARIABLE SPEED (FREQUENCY) DRIVE		FLEXIBLE DUCT CONNECTION		
WB	WET BULB TEMPERATURE		FLEXIBLE DUCT CONNECTION		
WG	WATER GAUGE		FLEXIBLE DUCT CONNECTION		
'	FEET		FLEXIBLE DUCT CONNECTION		
"	INCHES		FLEXIBLE DUCT CONNECTION		
Ø	ROUND DUCT		FLEXIBLE DUCT CONNECTION		



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
M402	MECHANICAL DETAILS
M501	MECHANICAL SCHEDULES

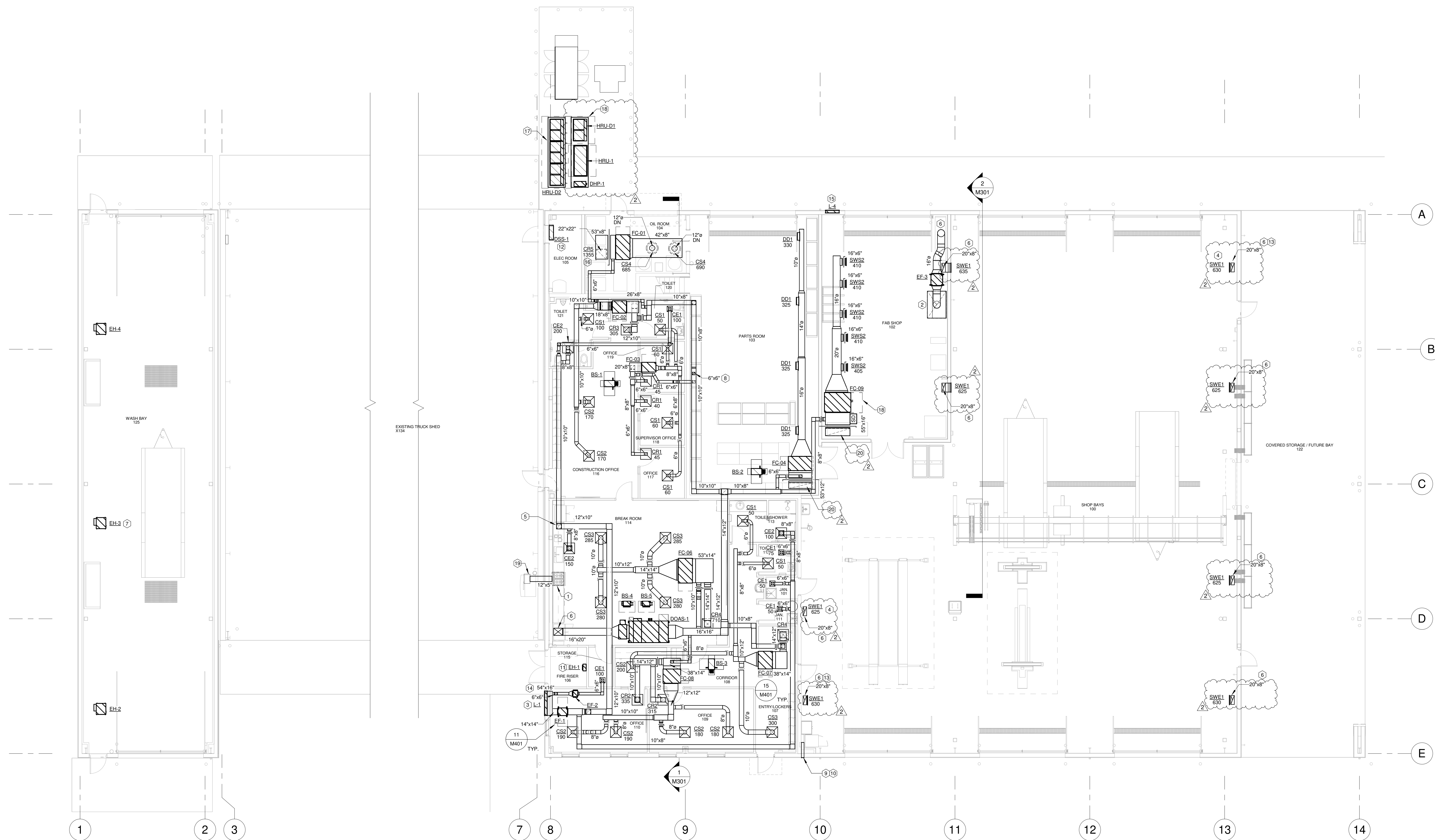
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M101



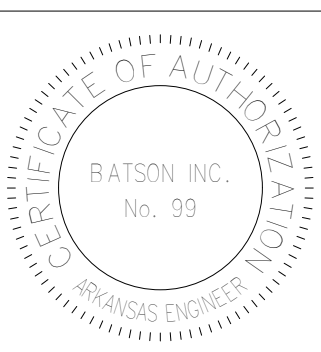
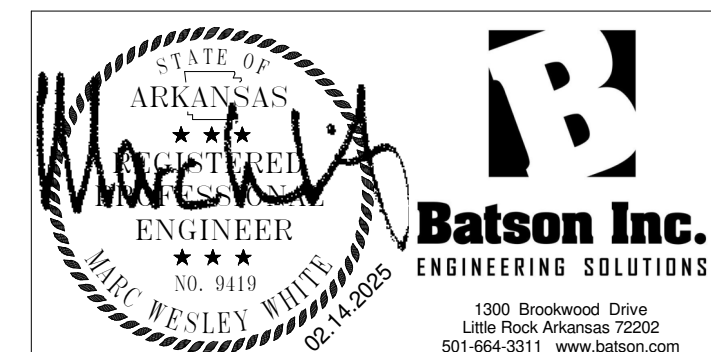
1
M101
1/8" = 1'-0"

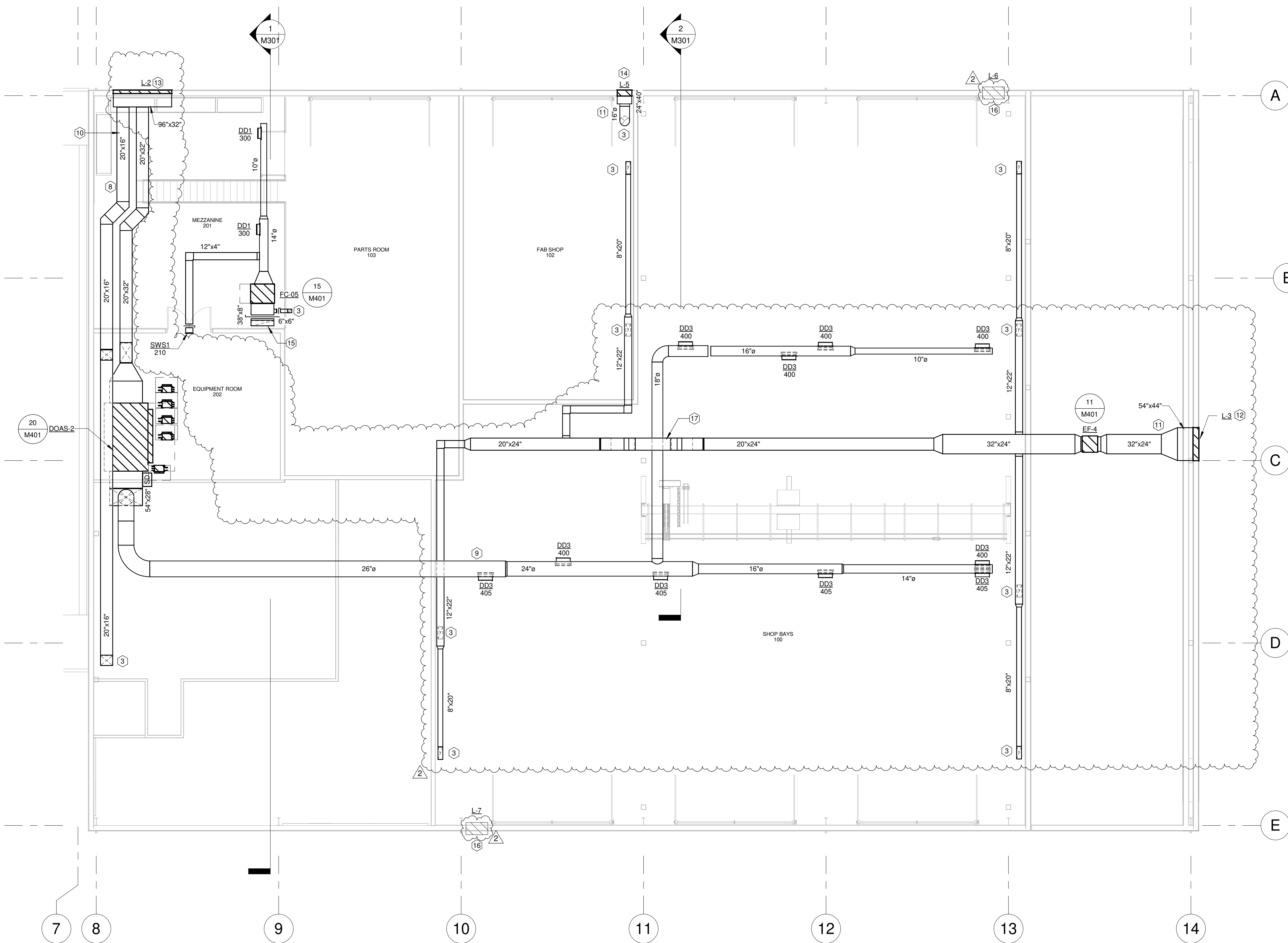
HVAC FLOOR PLAN

1
M101
1/8" = 1'-0"

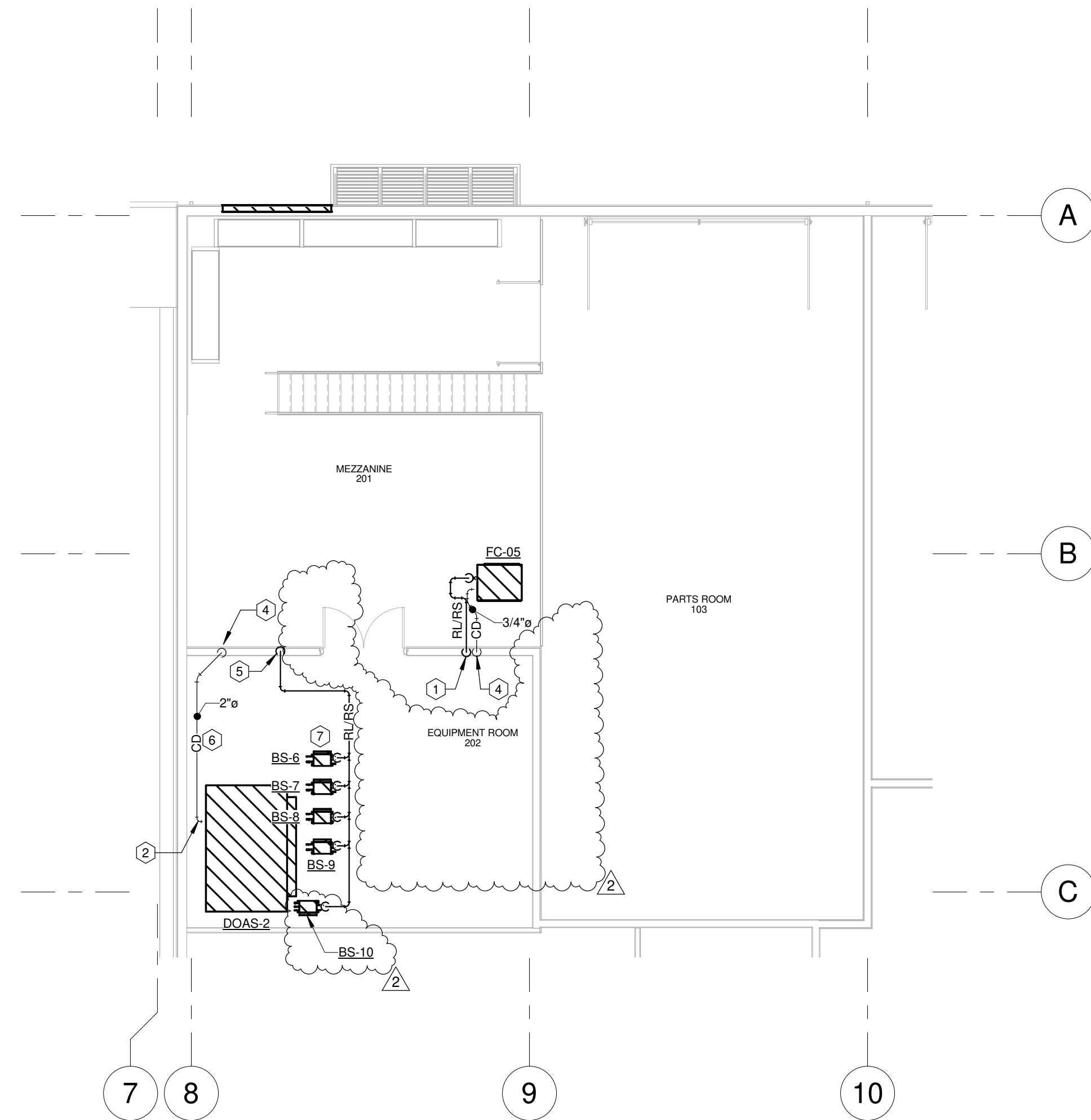
KEYED NOTES:

- GREENHECK MODEL GRPS FIRE READY HOOD WITH INTEGRAL FAN, REAR DISCHARGE, FINISHED TOP AND WALL CAP. LOCATE HOOD PER 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. PROVIDE MANUAL BALANCING DAMPER IN RISER.
- 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. PAD TO EXTEND 4" BEYOND MECHANICAL EQUIPMENT ON ALL SIDES WITH CONSTRUCTION PER STRUCTURAL. (TYPICAL)
- MANUFACTURER'S REQUIRED CLEARANCE. (TYPICAL)
- WALL CAP.
- TERMINATE RETURN DUCT WITH DOWN-TURNED ELBOW. COVER OPENING WITH EXPANDED WIRE MESH.





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



2 MEZZANINE MECHANICAL PIPING PLAN
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 DDAS-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 26'-3" 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.
- TOP OF LOUVER MOUNTED 26'-0" A.F.F.
- EXHAUST DUCT RISES ABOVE 18'0" OUTSIDE SUPPLY AIR DUCT ABOVE CRANE.

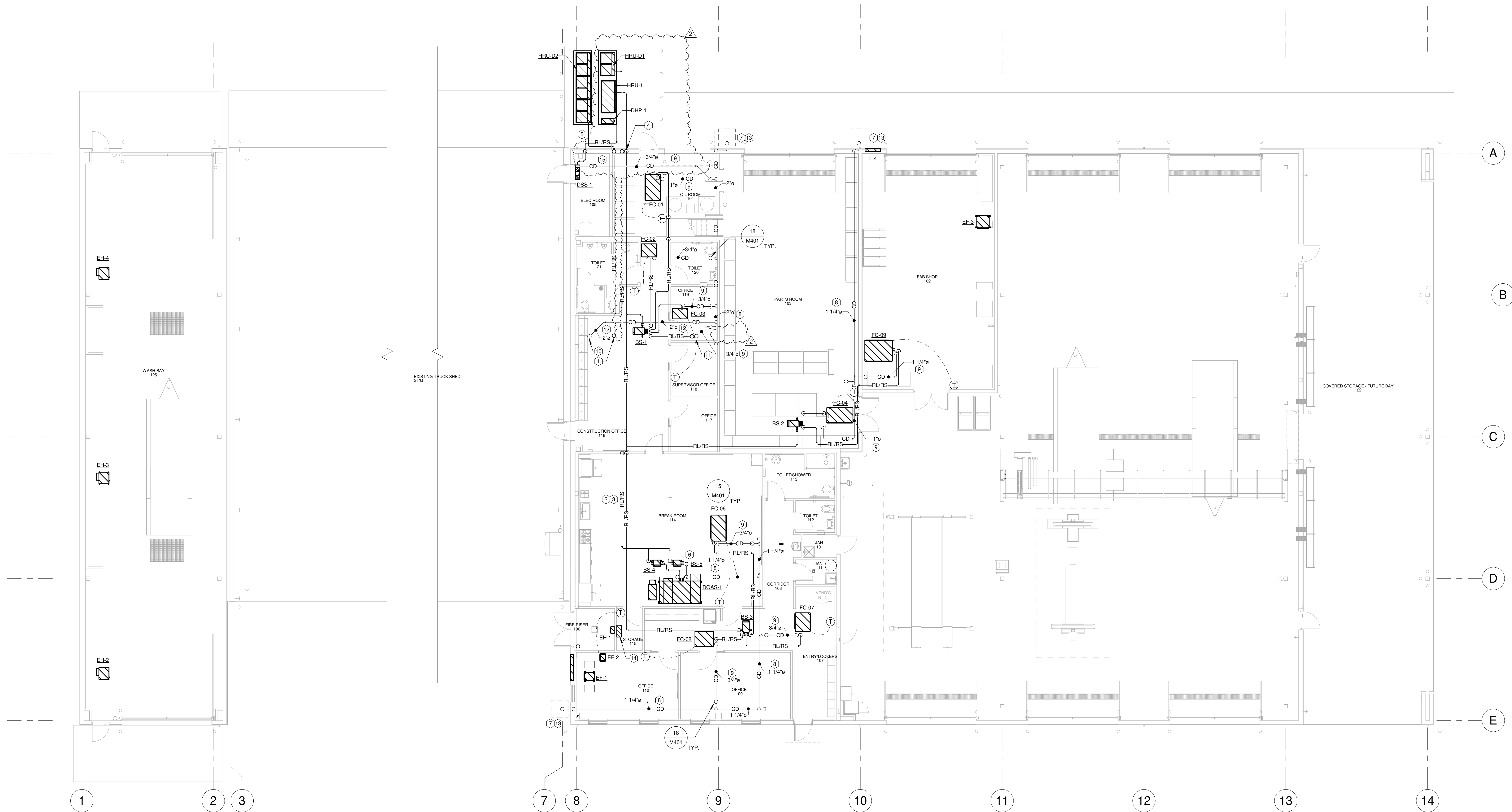
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24-096

02.14.2025

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M201



1 MECHANICAL PIPING FLOOR PLAN
M201 1/8" = 1'-0"

KEYED NOTES:

- REFRIGERANT LINES UP TO DOAS-2 LOCATED ON MEZZANINE. SEE 2/M102 FOR CONTINUATION.
- PIPING TO BE SUPPORTED FROM STRUCTURE ABOVE PER DETAIL 12/M401. (TYPICAL)
- REFRIGERANT PIPING TO BE SIZED BY EQUIPMENT MANUFACTURER. (TYPICAL)
- REFRIGERANT PIPING TO RISE IN EXTERIOR WALL. SLEEVE AND SEAL WALL PENETRATION.
- SUPPORT REFRIGERANT PIPING IN MECHANICAL YARD PER DETAIL 12/M401. (TYPICAL)
- PROVIDE AUXILIARY DRAIN PAN AND MOISTURE SENSOR BENEATH REFRIGERANT BRANCH SELECTORS. (TYPICAL)
- CONDENSATE DRAIN PIT PER DETAIL 14/M401.
- ROUTE TYPE 'L' COPPER GRAVITY CONDENSATE DRAIN LINE TO CONDENSATE DRAIN PIT. (TYPICAL)
- ROUTE TYPE 'L' COPPER PUMPED CONDENSATE DRAIN LINE FROM FAN COIL UNITS TO HUB DRAIN IN GRAVITY CONDENSATE LINE. (TYPICAL)
- 2" CONDENSATE LINE DROPS FROM MEZZANINE ABOVE.
- REFRIGERANT LINE SET AND CONDENSATE LINE UP TO FAN COIL FC-05 LOCATED ON MEZZANINE.
- CONDENSATE DRAIN LINE ROUTED HIGH IN BETWEEN BEAMS.
- CONDENSATE DRAIN LINE DROPS WITHIN EXTERIOR WALL TO CONDENSATE DRAIN PIT. SLEEVE AND SEAL WALL PENETRATION.
- BAS CONTROL PANEL.
- COORDINATE EXACT ROUTING OF CONDENSATE DRAIN PIPING AND REFRIGERANT PIPING WITH ELECTRICAL GEAR.

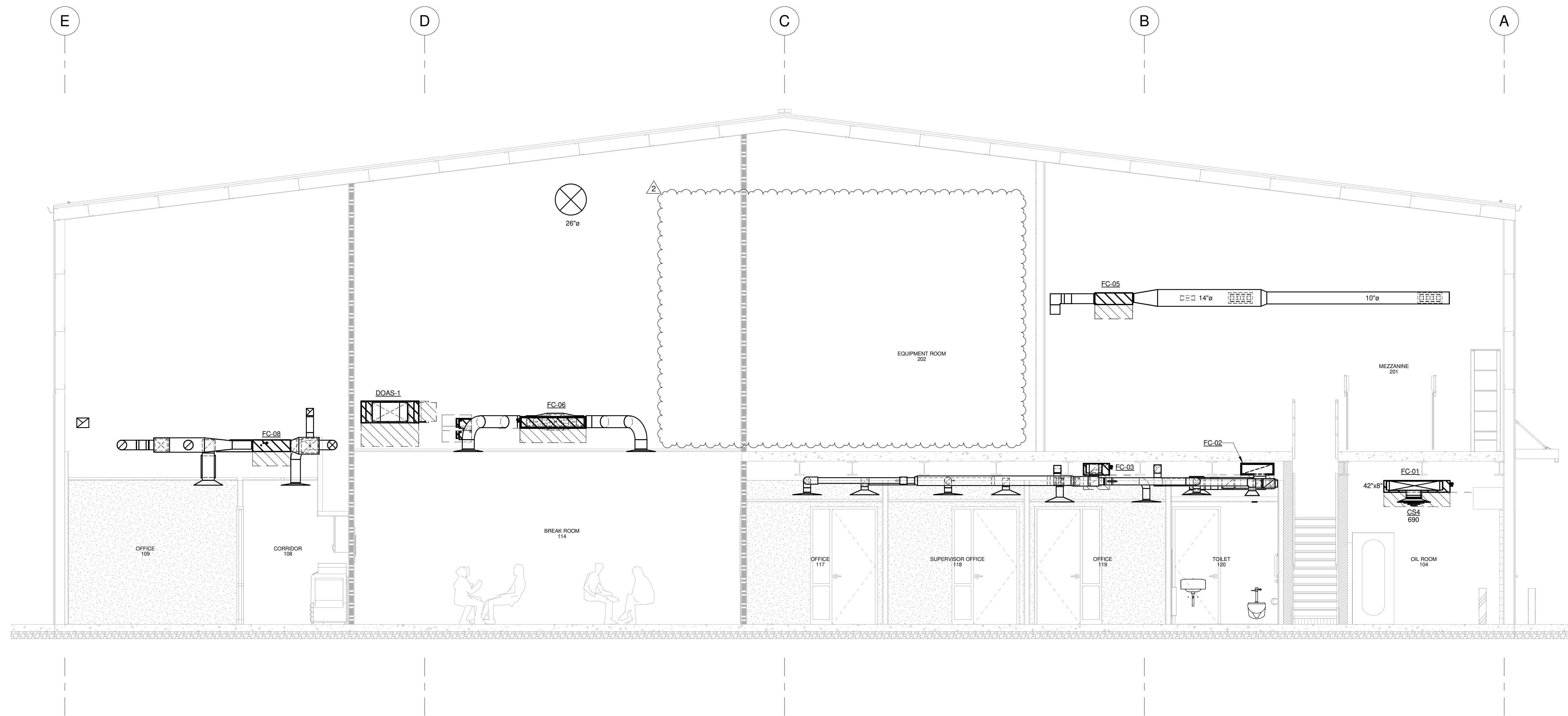
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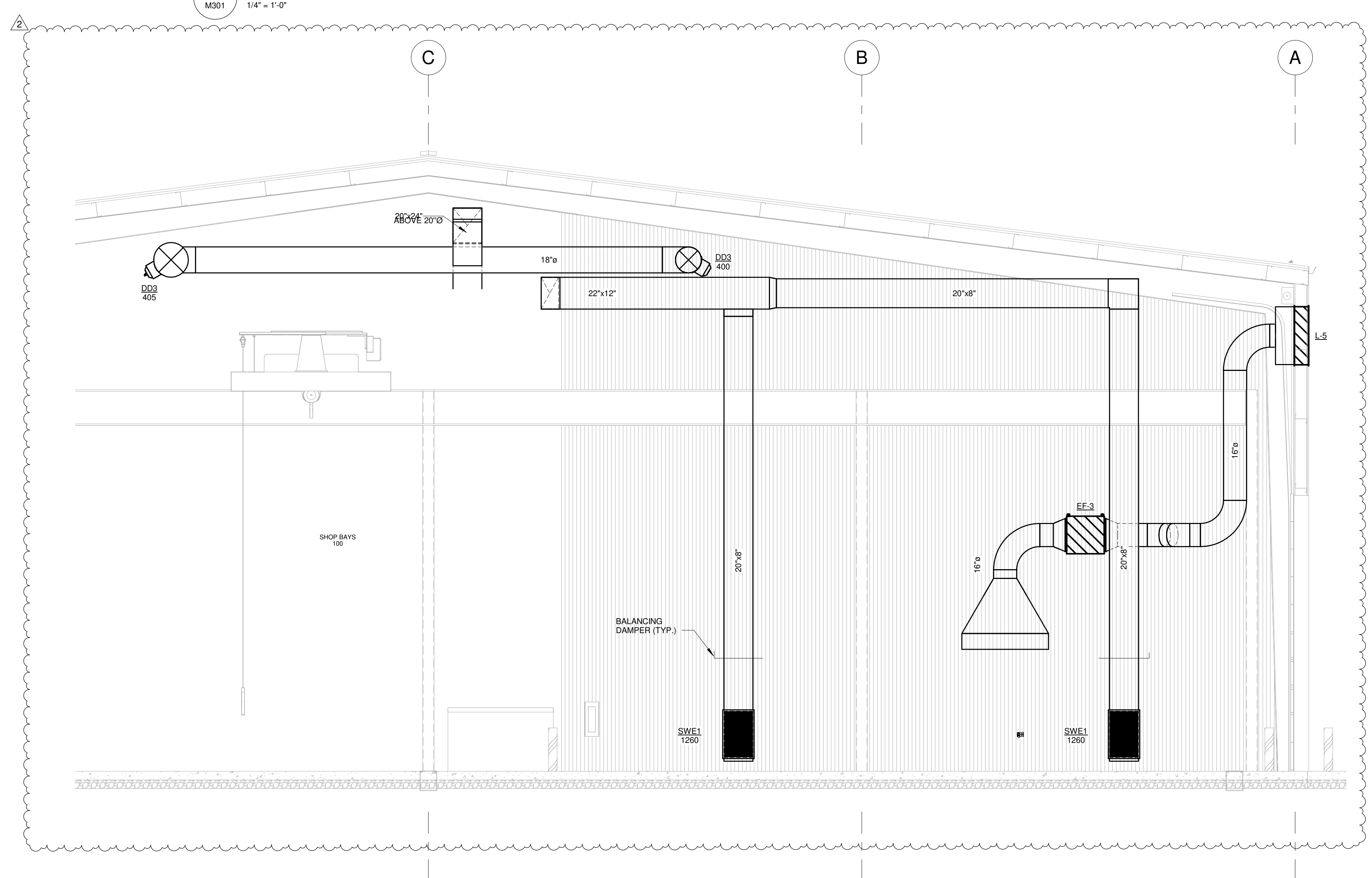
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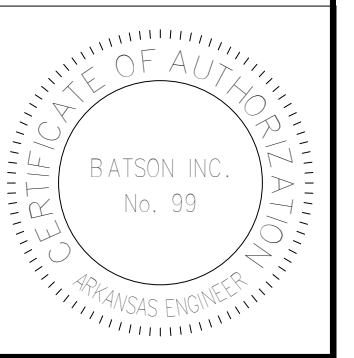
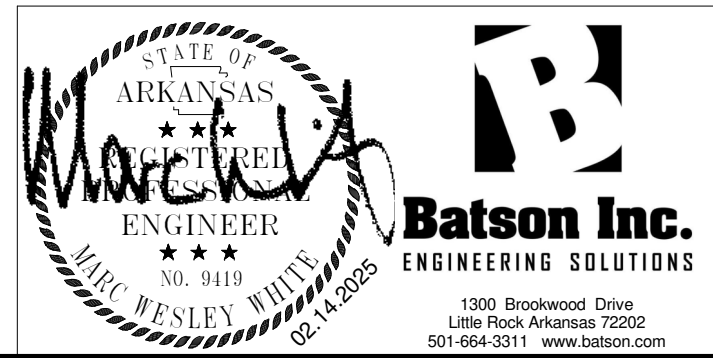
M301



OFFICE AREA DUCTWORK SECTION



SHOP AREA DUCTWORK SECTION



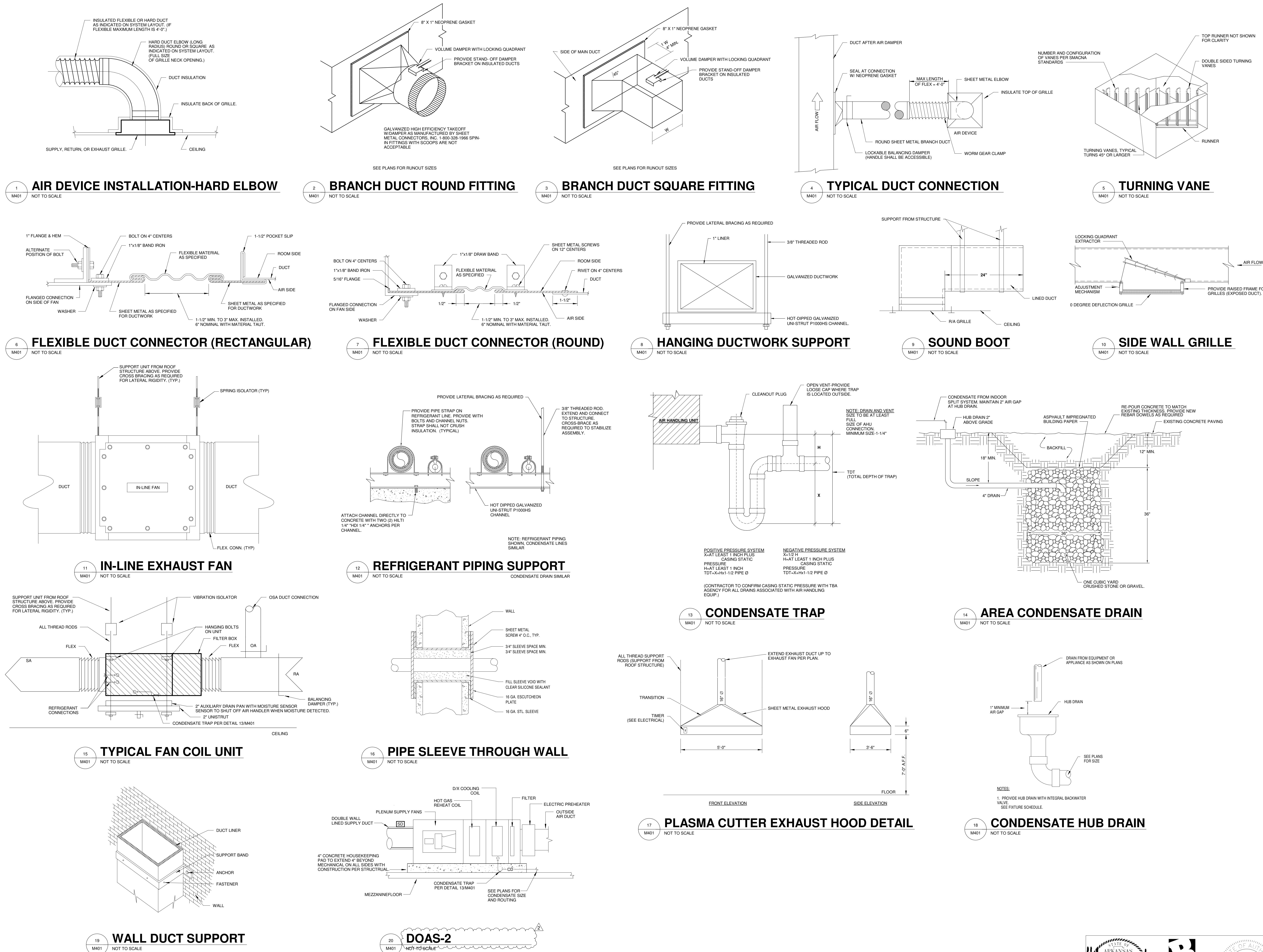
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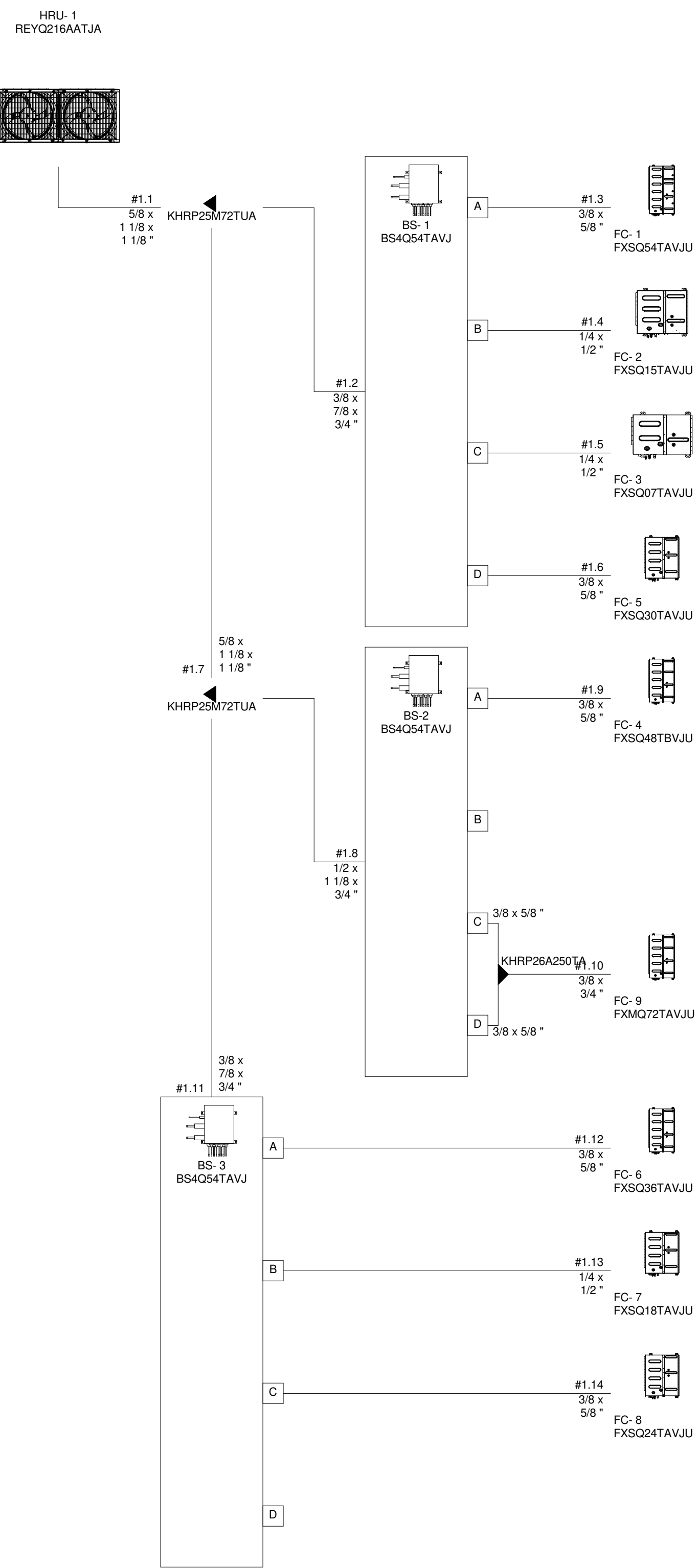
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M401



Batson Inc.
ENGINEERING SOLUTIONS
1300 Brookwood Drive
Little Rock, Arkansas 72202
501-666-0311 www.batson.com



HRU-D1
REVG144XATJB

#2.1
1/2" x
1 1/8" x
7/8"

KHRP25M72TUA

#2.2
1/2" x
1 1/8" x
3/4"

BS-4
BS4C54TAVJ

A 3/8 x 5/8"

B 3/8 x 5/8"

C 3/8 x 5/8"

D 3/8 x 5/8"

KHRP26A250T #2.3
3/8" x
3/4"

DCAS-1 DX box 1
EKEKV200-US

1 DX

DOAS-1

#2.5
3/8 x
5/8 x
1/2"

BS-5
BS4C54TAVJ

A 3/8 x 5/8"

B 3/8 x 5/8"

C 3/8 x 5/8"

D 3/8 x 5/8"

KHRP26A250T #2.4
3/8" x
3/4"

DCAS-1 DX box 2
EKEKV200-US

2 DX

#2.6
1/4" x
1/2"

BS-6
BS4C54TAVJ

A 3/8 x 5/8"

B 3/8 x 5/8"

C 3/8 x 5/8"

D 3/8 x 5/8"

KHRP26A250T #2.7
3/8" x
3/4"

DCAS-1 RH box 1
EKEKV50-US

1 RH

#2.8
1/4" x
1/2"

BS-7
BS4C54TAVJ

A 3/8 x 5/8"

B 3/8 x 5/8"

C 3/8 x 5/8"

D 3/8 x 5/8"

KHRP26A250T #2.8
3/8" x
3/4"

DCAS-1 RH box 2
EKEKV50-US

2 RH

HRU-D2
REYQ38XATJB
B
REYQ120XATJB
C
REYQ120XATJB

A
REYQ144XATJB

1/2x1 1/8x7/8" 1/2x1 1/8x3/4" 5/8x1 3/8x1 1/8" 1/2x1 1/8x3/4"

BHFP25P151UA

#3.1 3/4 x 1 5/8 x 1 3/8" KHRP25M73TUA

#3.2 3/8 x 7/8 x 3/4" BS 6 BSQ96TAVJ

#3.3 3/8 x 7/8" DOAS-2 DX box 1 EKEKV250-US

#3.4 3/4 x 1 5/8 x 1 1/8" KHRP25M73TUA

#3.5 3/8 x 7/8 x 3/4" BS 7 BSQ96TAVJ

#3.6 3/8 x 7/8" DOAS-2 DX box 2 EKEKV250-US

#3.7 3/4 x 1 3/8 x 1 1/8" KHRP25M73TUA

#3.8 3/8 x 7/8 x 3/4" BS 8 BSQ96TAVJ

#3.9 3/8 x 7/8" DOAS-2 DX box 3 EKEKV250-US

#3.10 5/8 x 1 1/8 x 1 1/8" KHRP25M72TUA

#3.11 3/8 x 7/8 x 3/4" BS 9 BSQ96TAVJ

#3.12 3/8 x 7/8" DOAS-2 DX box 4 EKEKV250-US

#3.13 3/8 x 7/8 x 3/4" BS 10 BSQ96TAVJ

#3.14 1/4 x 1/2" DOAS-2 RH box 1 EKEKV50-US

#3.15 1/4 x 1/2" DOAS-2 RH box 2 EKEKV50-US

#3.16 1/4 x 1/2" DOAS-2 RH box 3 EKEKV50-US

#3.17 1/4 x 1/2" DOAS-2 RH box 4 EKEKV50-US

1 DX 2 DX 3 DX 4 DX 1 RH 2 RH 3 RH 4 RH

DOAS-2

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

MECHANICAL DETAILS

NO.	DATE	DESCRIPTION
1	04/03/25	Post Bid ADD #1

24-096

02.14.2025

ISSUE SET

M402



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 ("F DB)	BTU/h	AMBIENT DESIGN ("F 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 / 3	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 / 3	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 (9)	372,618	100	297,936	10.0 / 8.0	77.4	100	208V / 3	98.3	43.0	43.0	144.3	70.0	50.0	50.0	170.0	42.6	28.2	28.2	99.0	DAIKIN	REYQ284XATJB	727.0 / 727.0/727.0	9.9	17.6	3.2	20.6	17	
HRU-D3		NOT USED	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NOT USED

DEDICATED OUTDOOR AIR UNIT SCHEDULE

MARK	LOCATION	SERVES	FAN DATA			TOTAL CAPACITY (MBH)	COOLING DX SENSIBLE CAPACITY (MBH)	HEATING DX		HGRH COIL		ELECTRIC PREHEAT		UNIT ELECTRICAL DATA				MANUFACTURER	MODEL	REMARKS		
			CFM	ESP	POWER (KW)			EDB/EWB	LDB/LWB	CAPACITY (MBH)	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	4020	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	NOT USED	NOT USED	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	NOT USED

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	SENSIBLE BTU/h	EAT		TOTAL BTU/h	EAT °Fdb	VOLTS - PHASE	MCA	MOP			WxHxD			
									°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	59,932	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	FXMQ22MUVU	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	BSQ06TAVJ	33.1	
BS-7	HRU-D2	208-230V 1ph	0.1	15	96	15.3 x 8.1 x 12.8	DAIKIN	BSQ06TAVJ	33.1	
BS-8	HRU- D2	208-230V 1ph	0.1	15	96	15.3 x 8.1 x 12.8	DAIKIN	BSQ06TAVJ	33.1	
BS-9	HRU-D2	208-230V 1ph	0.1	15	96	15.3 x 8.1 x 12.8	DAIKIN	BSQ06TAVJ	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	NOT USED	--	--	--	--	--	--	--	--	NOT USED
BS-12	NOT USED	--	--	--	--	--	--	--	--	NOT USED
BS-13	NOT USED	--	--	--	--	--	--	--	--	NOT USED
BS-14	NOT USED	--	--	--	--	--	--	--	--	NOT USED
BS-15	NOT USED	--	--	--	--	--	--	--	--	NOT USED

DUCTLESS SPLIT SYSTEM SCHEDULE

MARK	LOCATION	SERVES	SENSIBLE CAPACITY	COOLING CFM HIGH/MED/LOW	HEAT CAPACITY	ELECTRICAL DATA		SEER	EER	MANUFACTURER	MODEL	REMARKS
DSS-1/DHP-1	ELEC ROOM 105/MECH YARD	ELEC ROOM 105	8,800 BTU/h	431/322/249	9,400 BTU/h	MCA	MOP VOLTS/PHASE	18.0	11.0	DAIKIN	FTX08BXJU-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	
SWS1	SUPPLY AIR	LOUVERED SUPPLY	4"X12"	6"X14"	300	0.1	30	STEEL	WHITE	PRICE	S20L	DOUBLE DEFLECTION
SWS2	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"X30"	805	0.1	30	STEEL	WHITE	PRICE	HCD SERIES	PROVIDE WITH INTEGRAL DAMPER
DD3	SUPPLY AIR	HIGH CAPACITY DRUM DIFFUSER	10"X18"	12"X20"	450	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"	290	0.1	30	ALUMINUM	WHITE	PRICE	80 SERIES	
SWE1	EXHAUST AIR	HEAVY DUTY GYM GRILLE	16"X24"	18"X28"	630	0.1	30	STEEL	WHITE	PRICE	91S 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	PHASE					
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	NOT USED	NOT USED	--	--	--	--	--	--	--	--	GREENHECK	--	NOT USED

NOTES:
1 PROVIDE WITH DISCONNECT
2 PROVIDE WITH HANGING SPRING ISOLATOR
3 PROVIDE WITH 24/7 PROGRAMMABLE TIMER
4 PROVIDE WITH LINE-VOLTAGE THERMOSTAT
5 PROVIDE WITH LINE-VOLTAGE 1-HOUR TIMER SWITCH (ADJ.)
6 FAN TO INTERLOCK WITH DOAS-2 AND 3 CONTROLS SYSTEM

LOUVER SCHEDULE

MARK	EQUIPMENT SERVED	USE	MAX AIRFLOW (CFM)	SIZE		FREE AREA (SF)	APD (IN-WG)	MANUFACTURER	MODEL	REMARKS
				W"	H"					
L-1	EF-1 & 2	EXHAUST	1,250	54	16	2.14	0.046	GREENHECK	ESD-635	1,2
L-2	DOAS-1&2	INTAKE AIR	5,610	96	32	9.7	0.152	GREENHECK	ECD-601	1,2,3
L-3	EF-4	EXHAUST AIR	5,025	54	44	5.6	0.10	GREENHECK	EACC-601	1,2,3,4
L-4	EF-3	INTAKE AIR	3,000	30	40	3.54	0.101	GREENHECK	ECD-601	1,2,3
L-5	EF-3	EXHAUST AIR	3,000	24	44	3.26	0.115	GREENHECK	ECD-601	1,2,3
L-6	EF-4	INTAKE AIR	2,010	36	36	2.51	0.06	GREENHECK	EACC-601	1,2,3,4
L-7	EF-4	INTAKE AIR	2,010	36	36	2.51	0.06	GREENHECK	EACC-601	1,2,3,4

NOTES:
1 INTERNAL BIRD SCREEN
2 FINISH PER ARCHITECT
3 120V MOTOR ACTUATED DAMPER
4 COMBINATION LOUVER/DAMPER

ELECTRIC UNIT HEATER SCHEDULE

MARK	SERVES	TYPE	KW	MOTOR HP/CFM	ELECTRICAL DATA			MANUFACTURER	MODEL	REMARKS
					AMP	VOLTS	PHASE			
EH-1	FIRE RISER 106	SEMI RECESS WALL MOUNT	1.5	1/125 HP	12.5	120	1	MARKEL	E3323TD-RP	1&2

NO.	DATE	DESCRIPTION
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2	04/03/25	Post Bid ADD #1

24-096

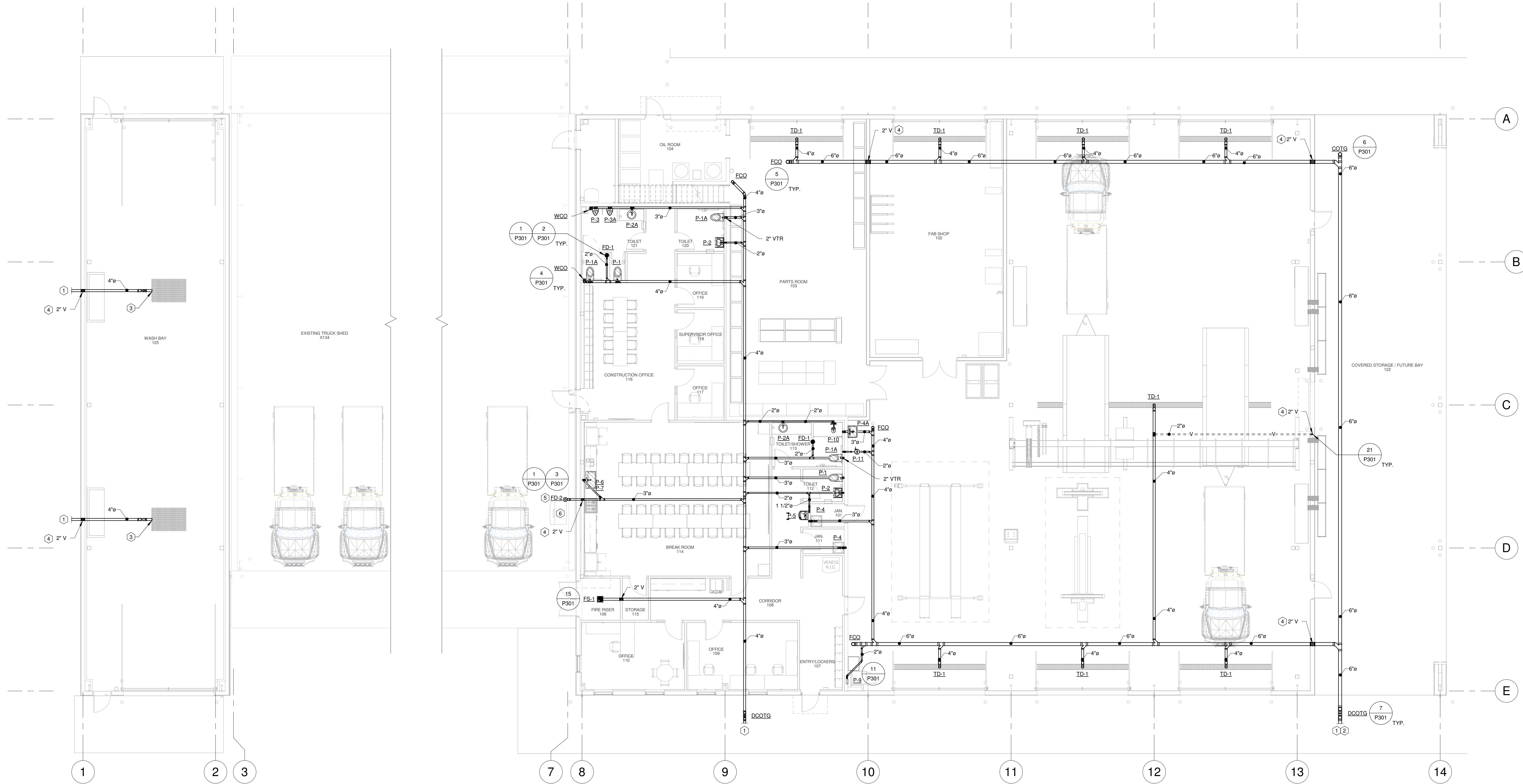
JOB. NO.

02.14.2025

DATE

ISSUE SET

P101



1
P101
1/8" = 1'-0"

SANITARY SEWER PLAN

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14

1 2 3 4 5 6 7 8 9 10 11 12 13 14

A B C D E

KEYED NOTES:

- 1 REFER TO CIVIL PLANS FOR CONTINUATION.
- 2 EXTEND SANITARY DRAIN LINE TO OIL/WATER SEPARATOR. SEPARATOR BY CIVIL.
- 3 4" DRAIN LINE CONNECTS TO DRAINAGE PIT 1'-0" BELOW FINISHED SLAB.
- 4 ROUTE 2" VENT UP THROUGH ROOF AND OFFSET AS REQUIRED TO MAINTAIN A MINIMUM OF 3'-0" FROM ROOF EDGE.
- 5 FLOOR DRAIN TO SERVE ICE MACHINE.
- 6 COORDINATE ICE MAKER EXACT LOCATION WITH EXHAUST CAP FROM VENT HOOD, TO AVOID CONFLICTS.

NOTE - FLOOR PLAN UPDATED TO REFLECT ARCHITECTURAL CHANGES. SHEET ISSUED FOR CONSISTENCY.

NO.	DATE	DESCRIPTION
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2	04/03/25	Post Bid ADD #1

24-096

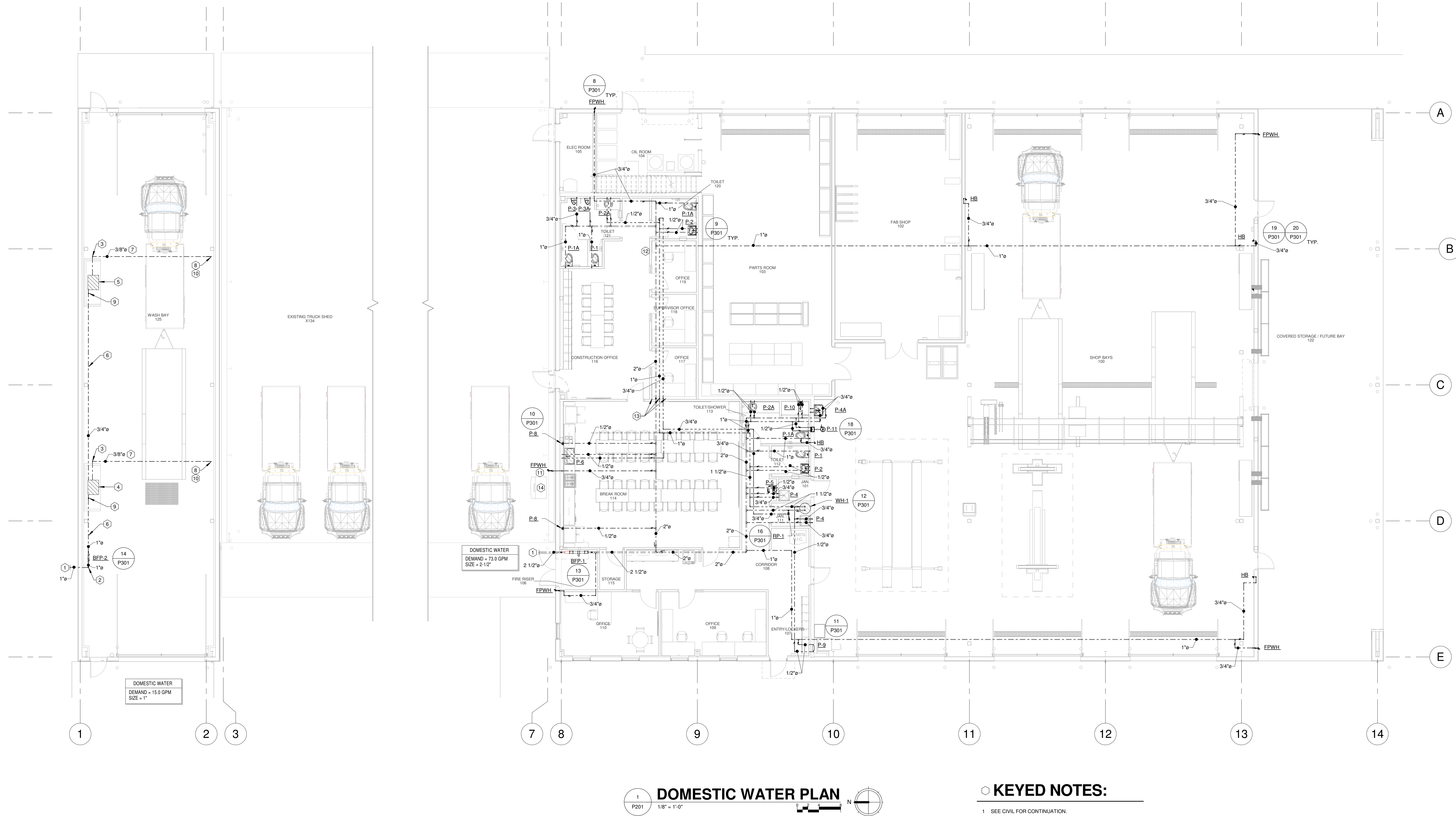
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ISSUE SET

P201



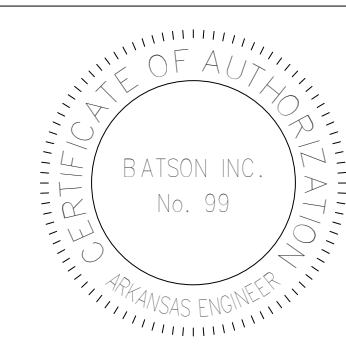
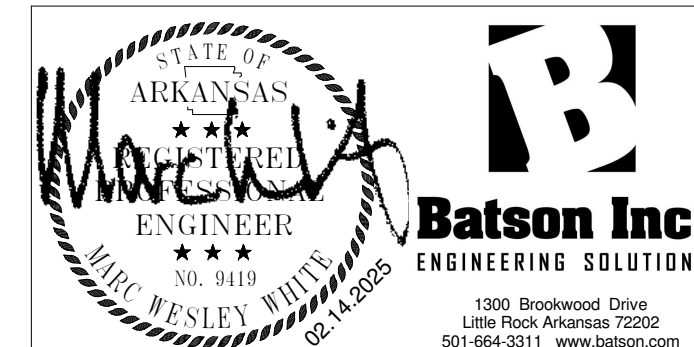
DOMESTIC WATER PLAN

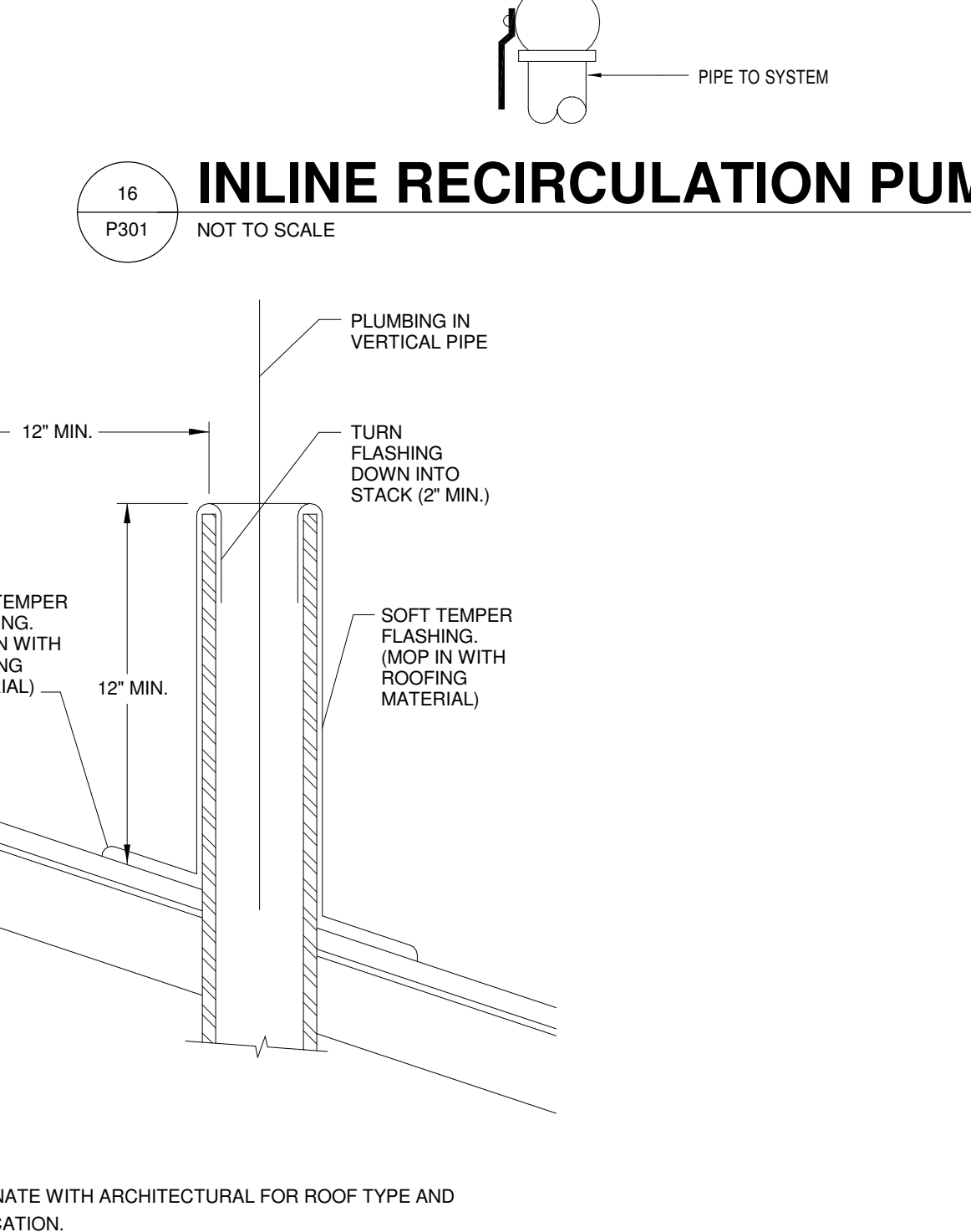
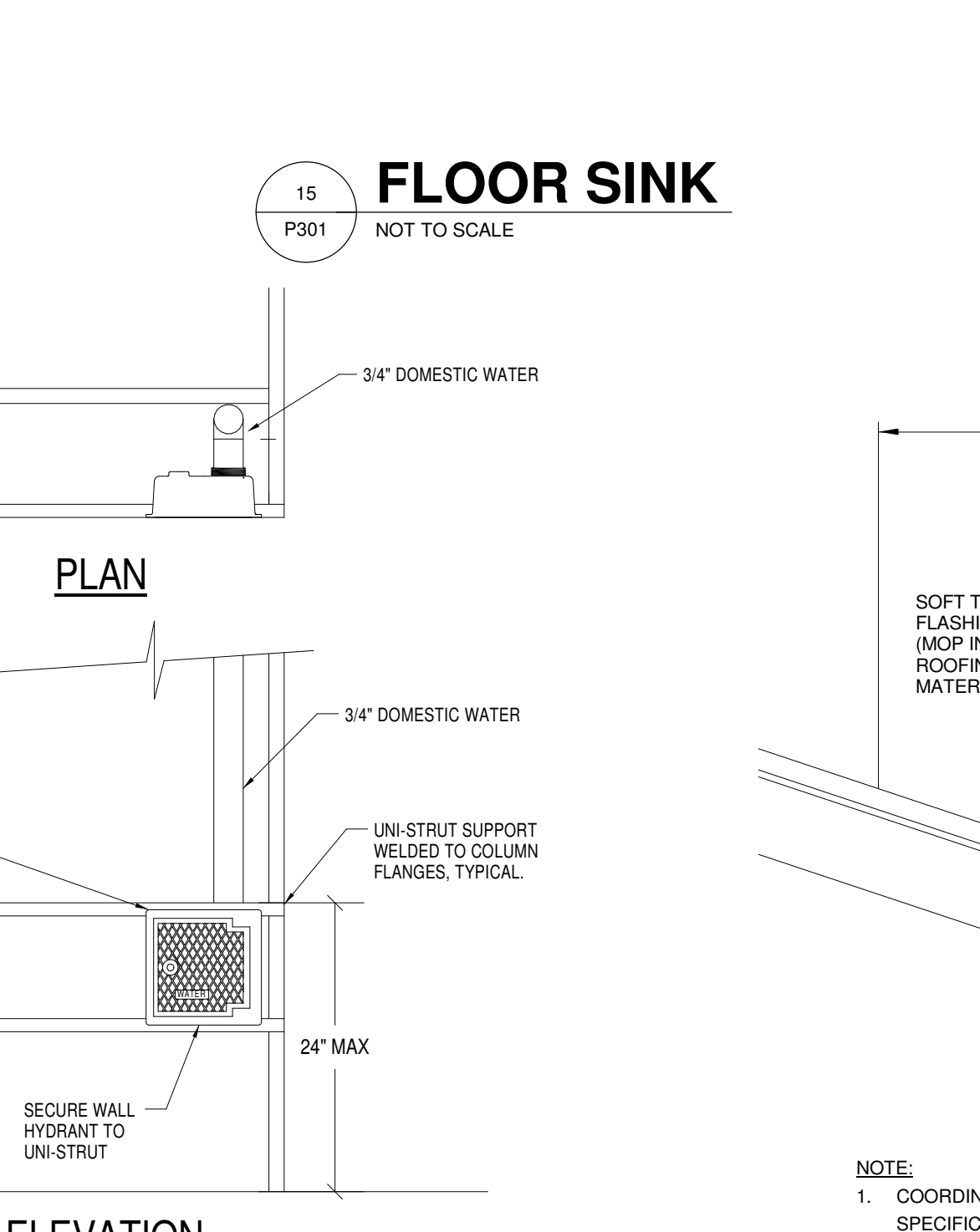
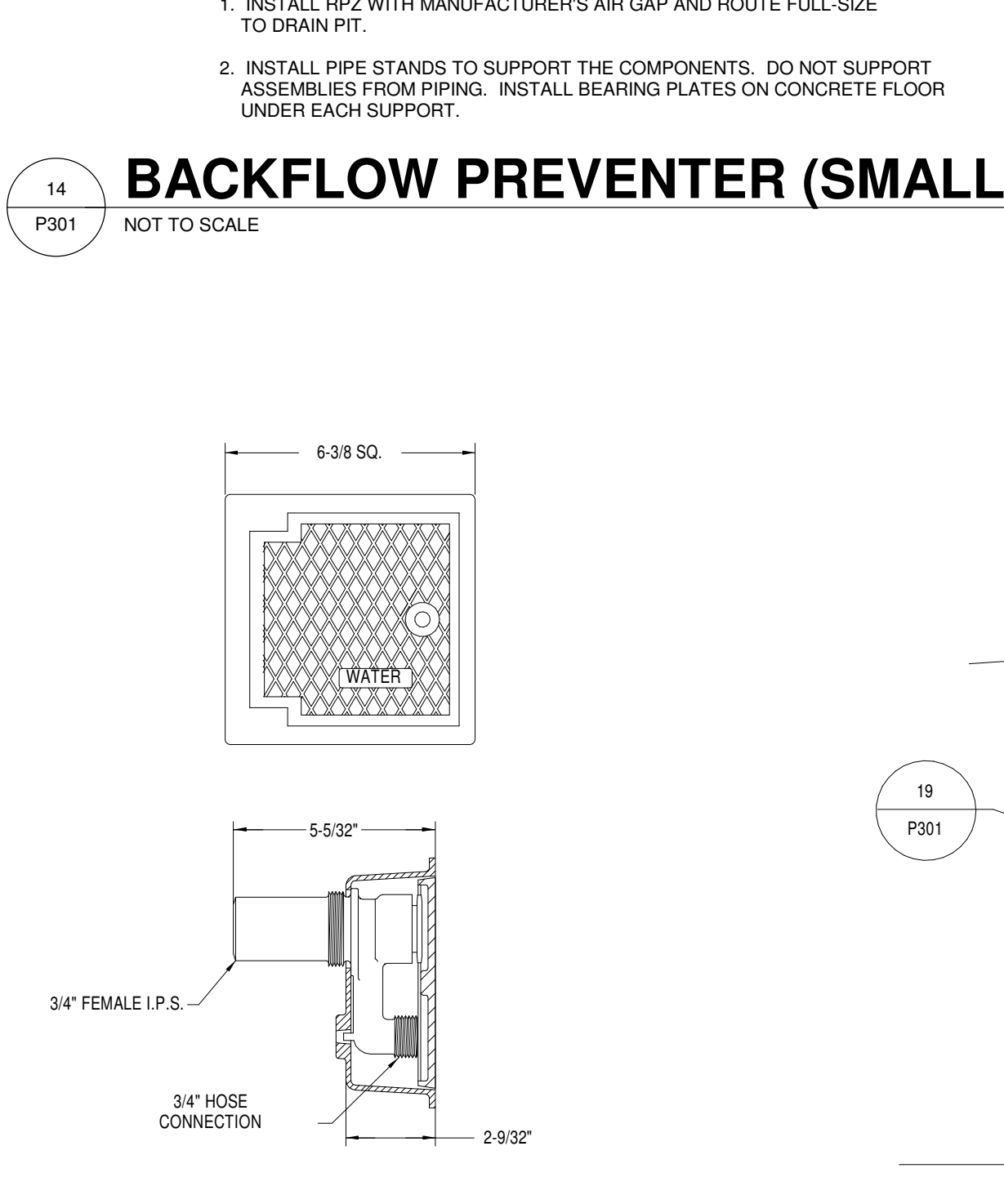
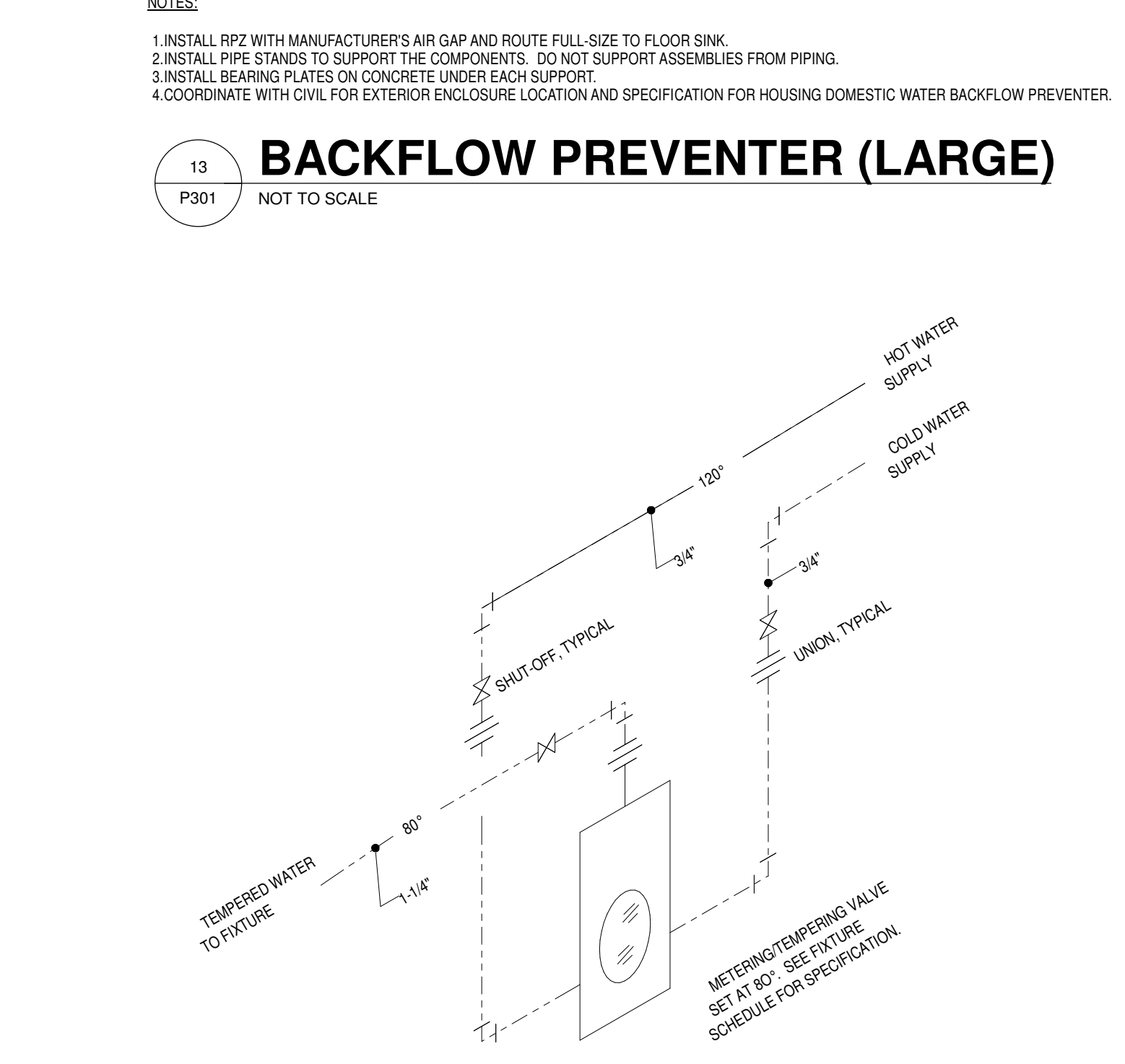
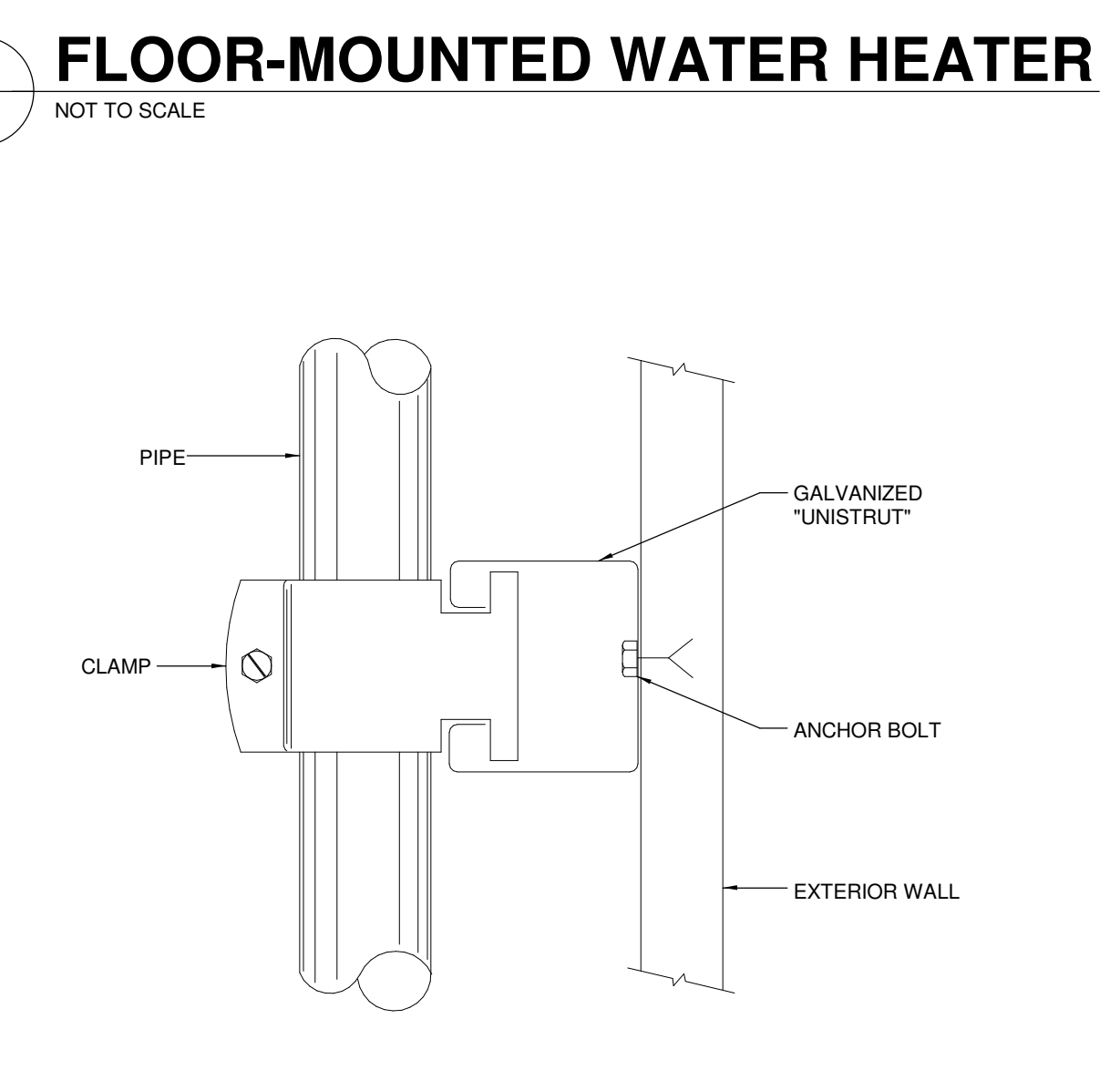
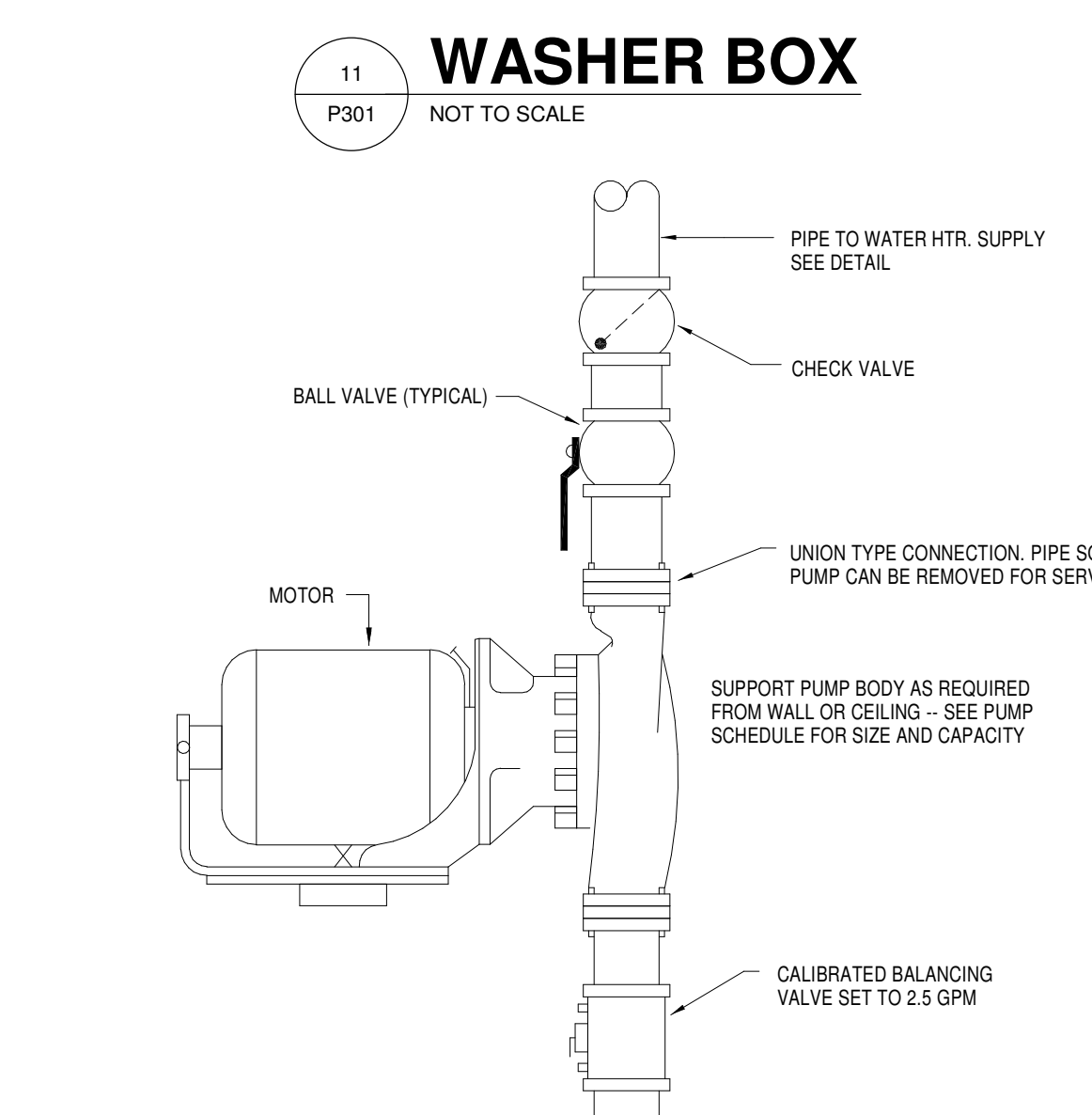
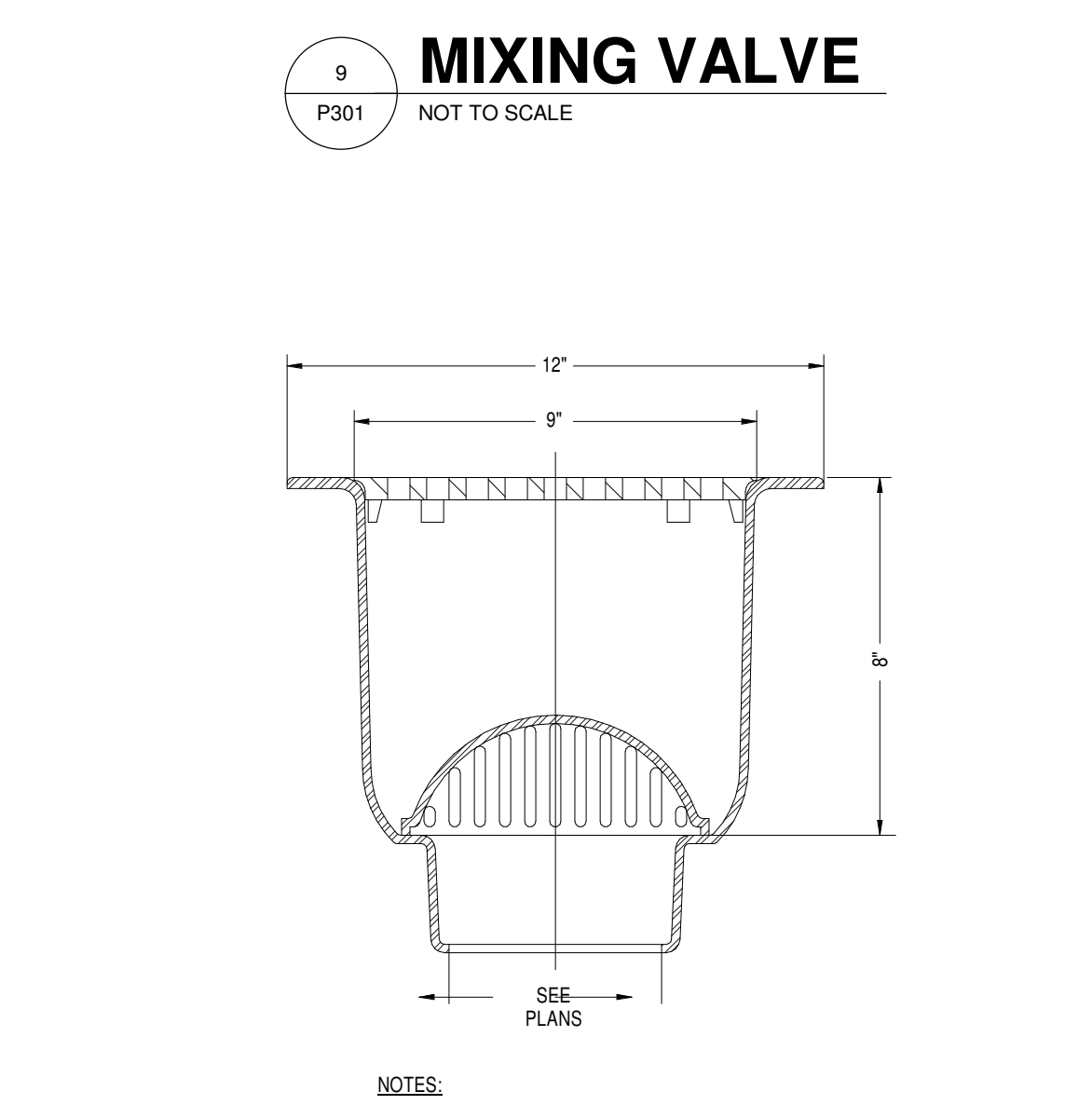
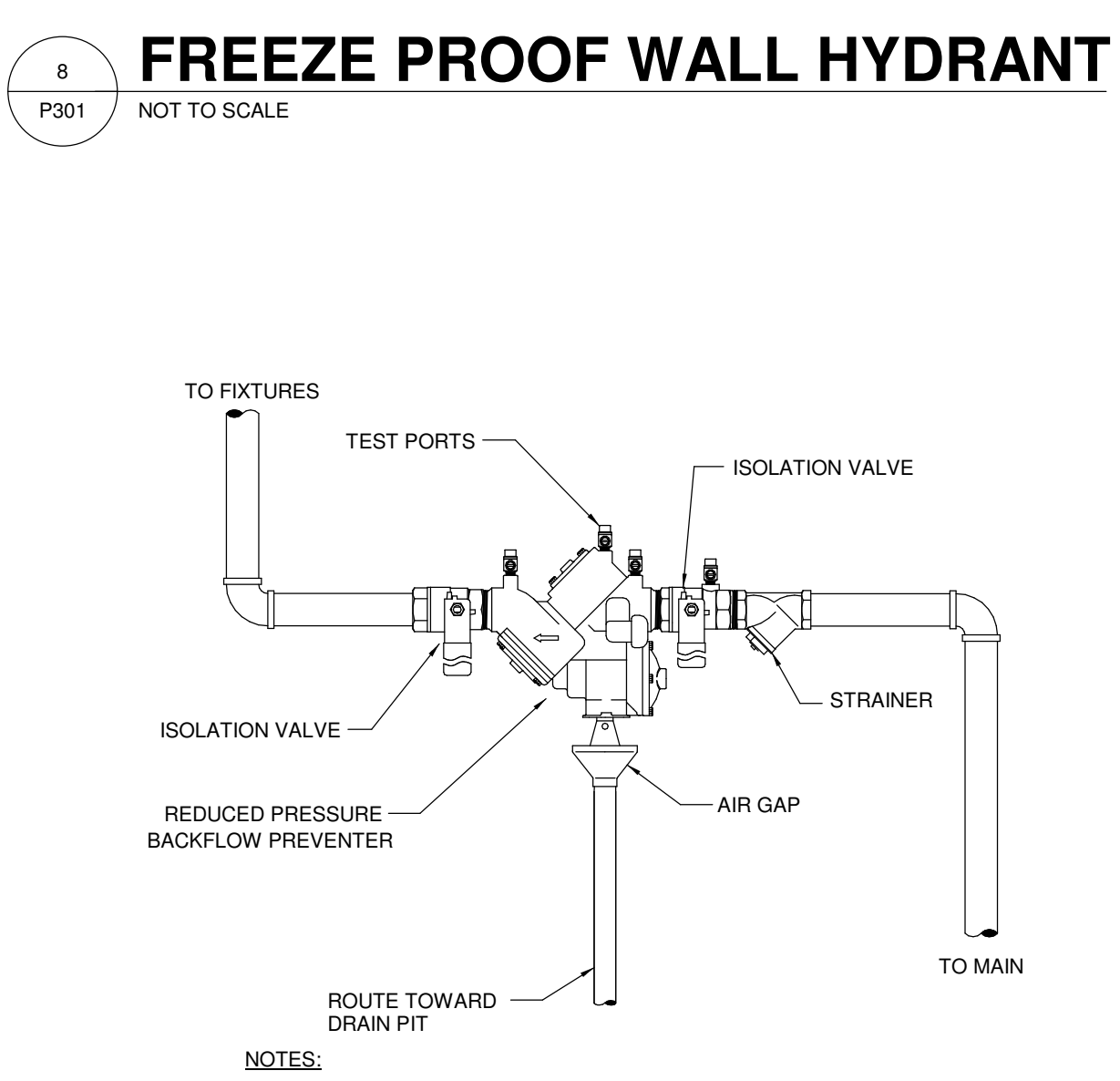
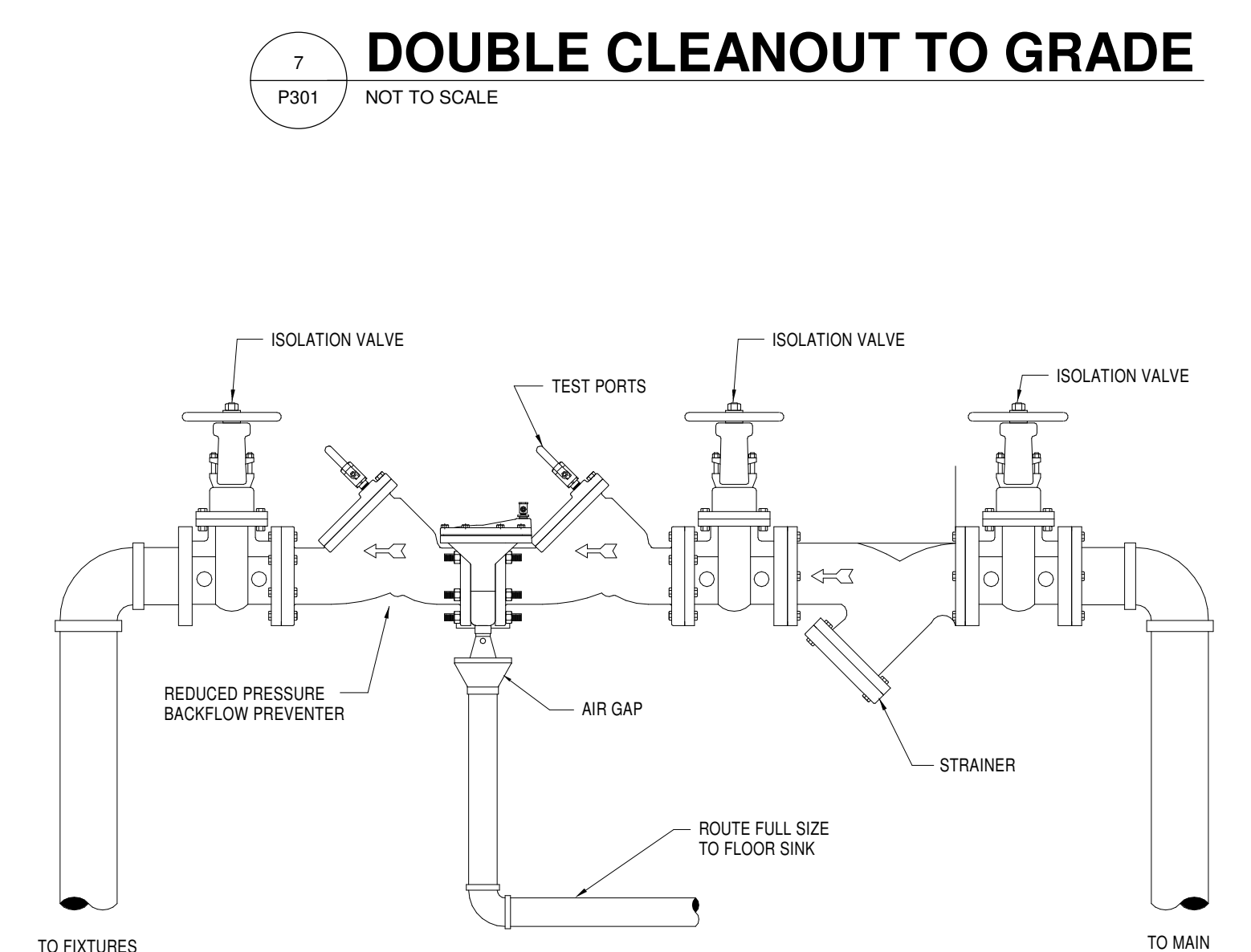
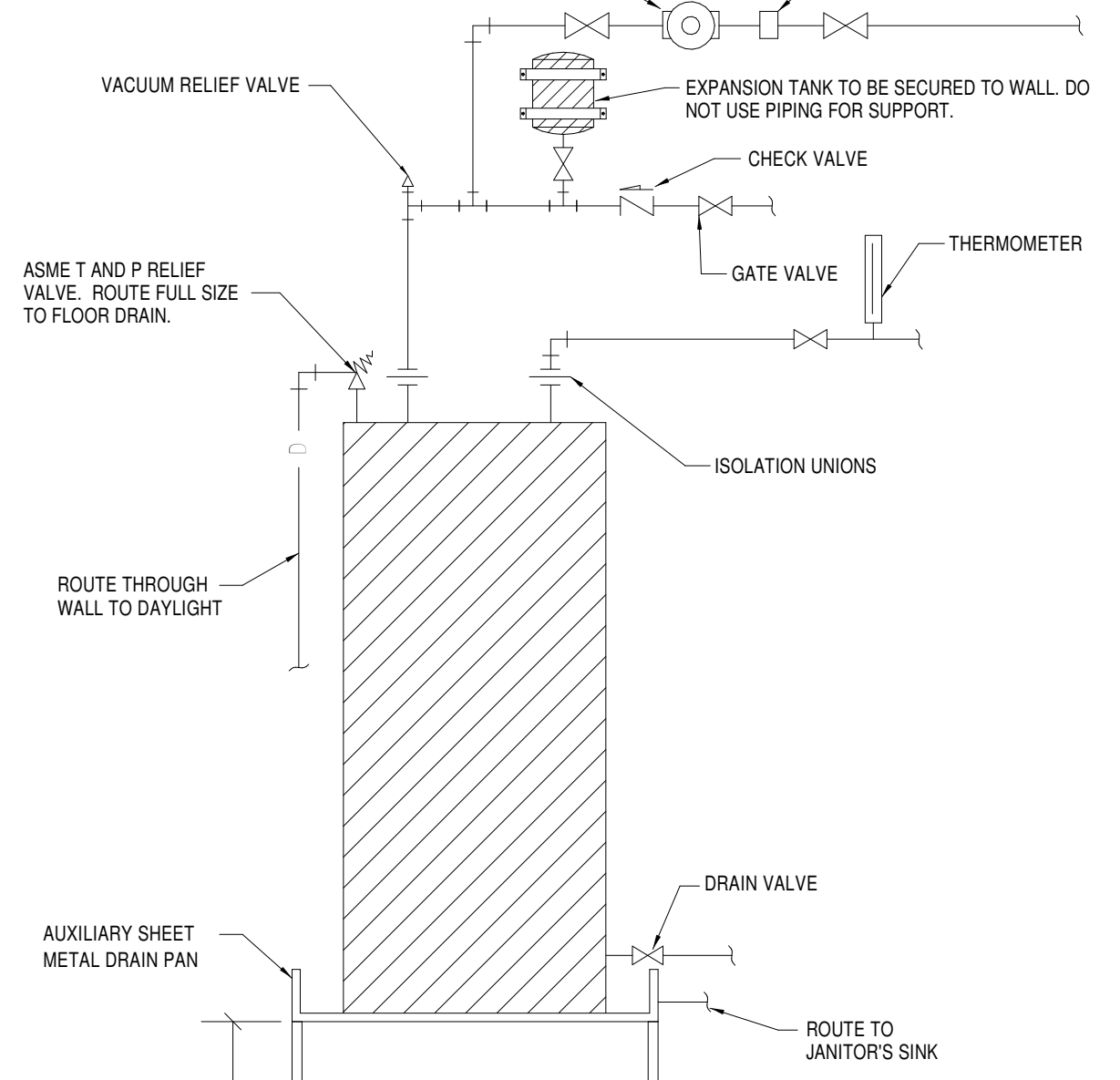
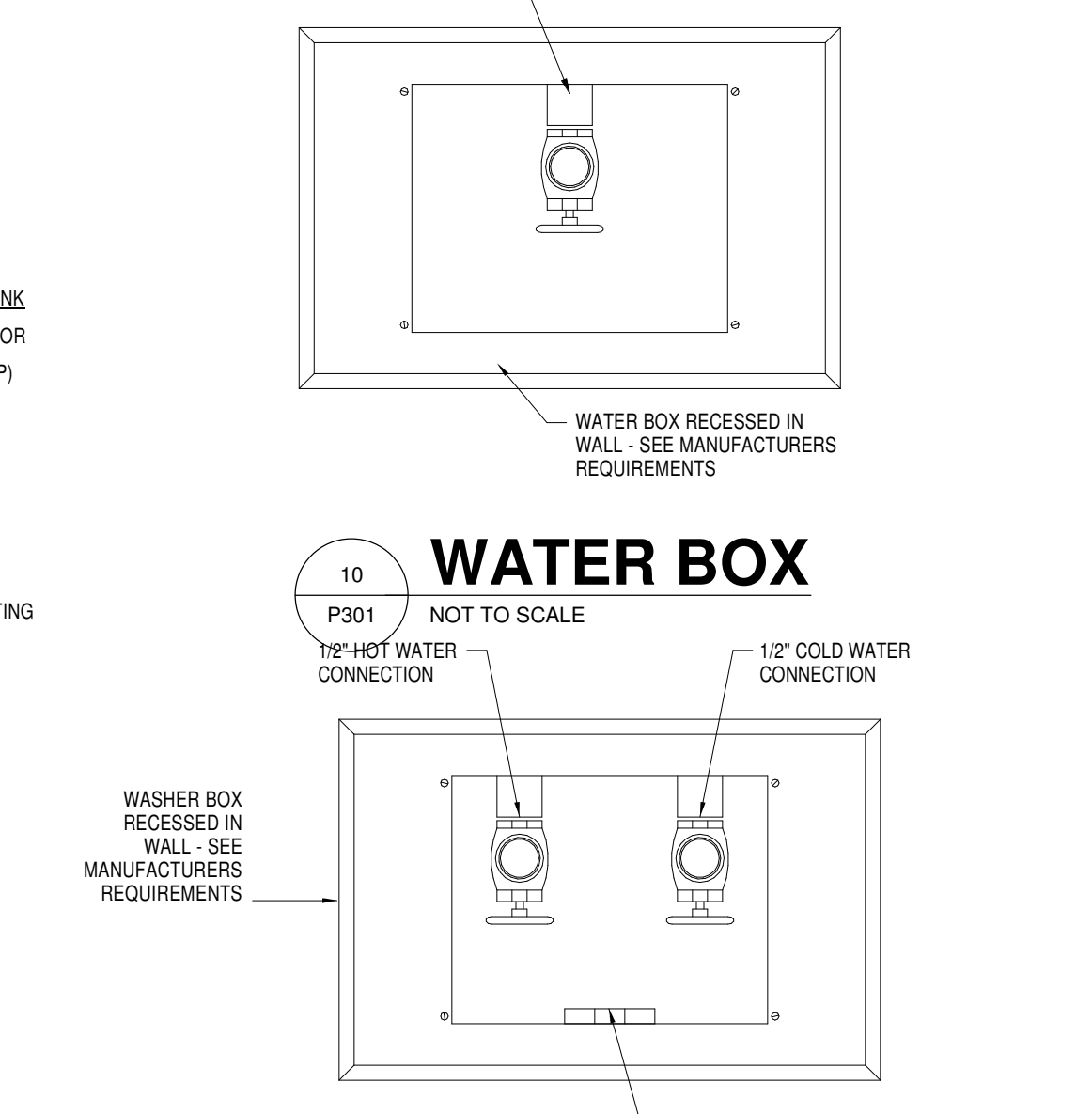
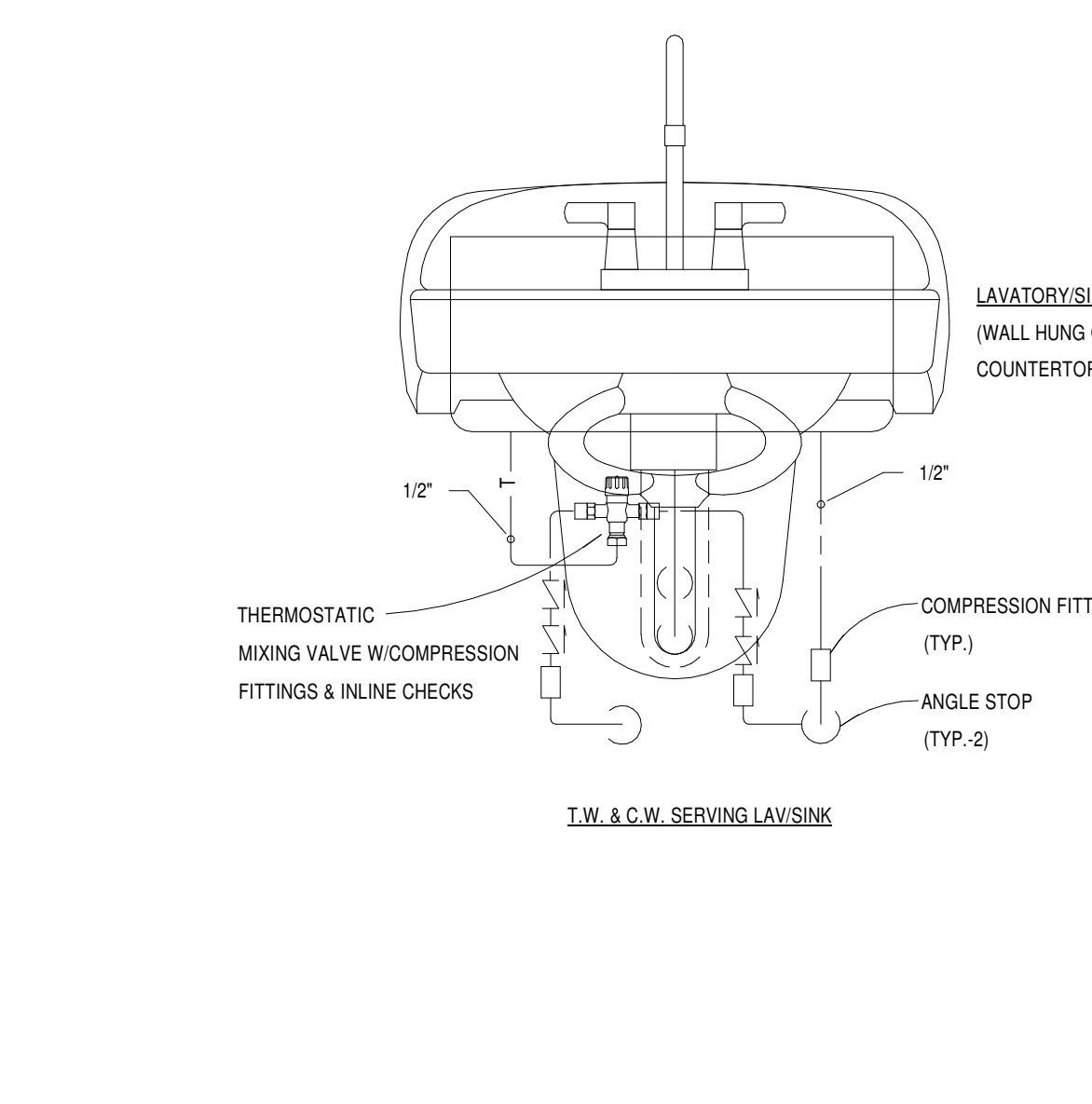
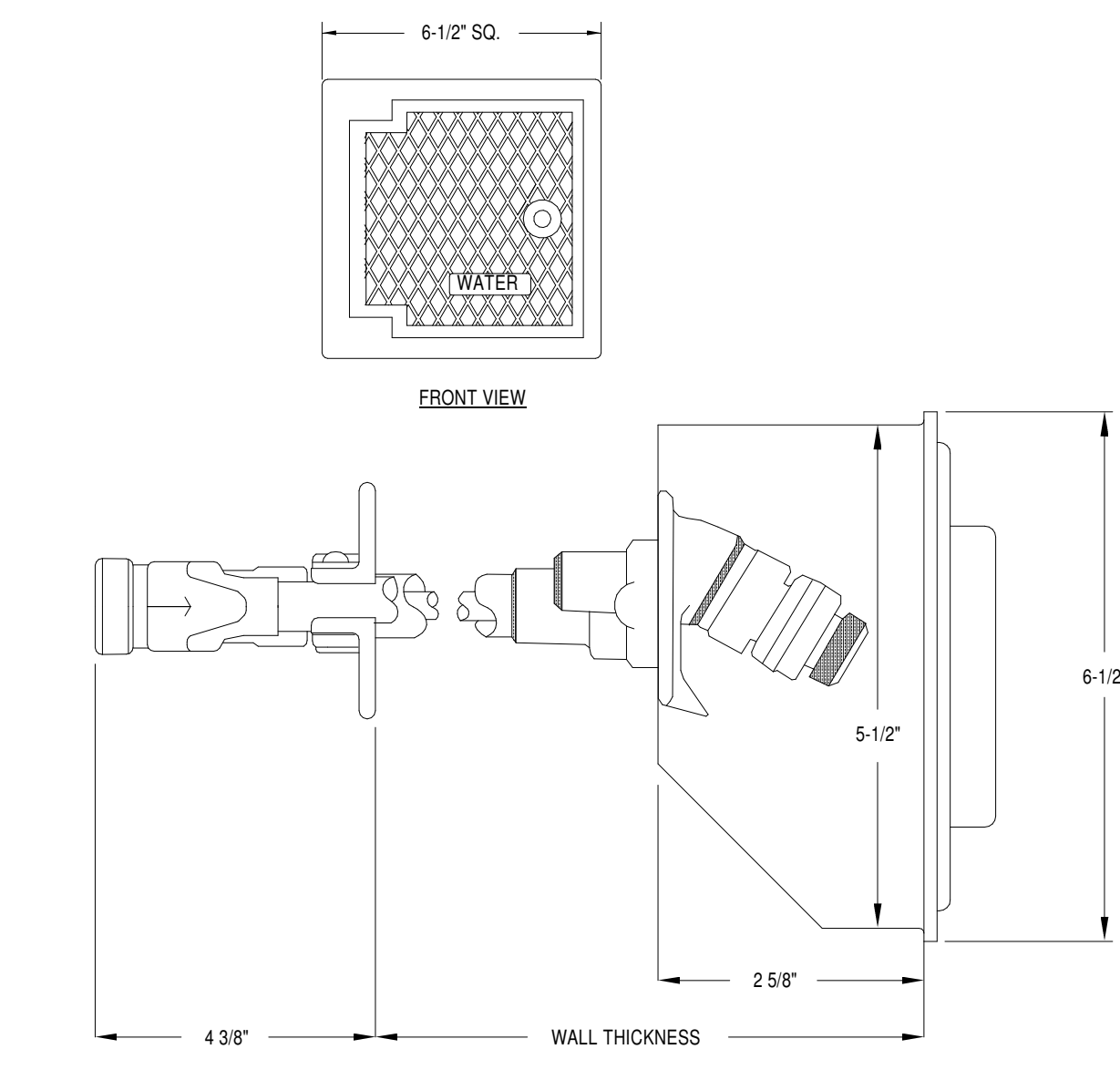
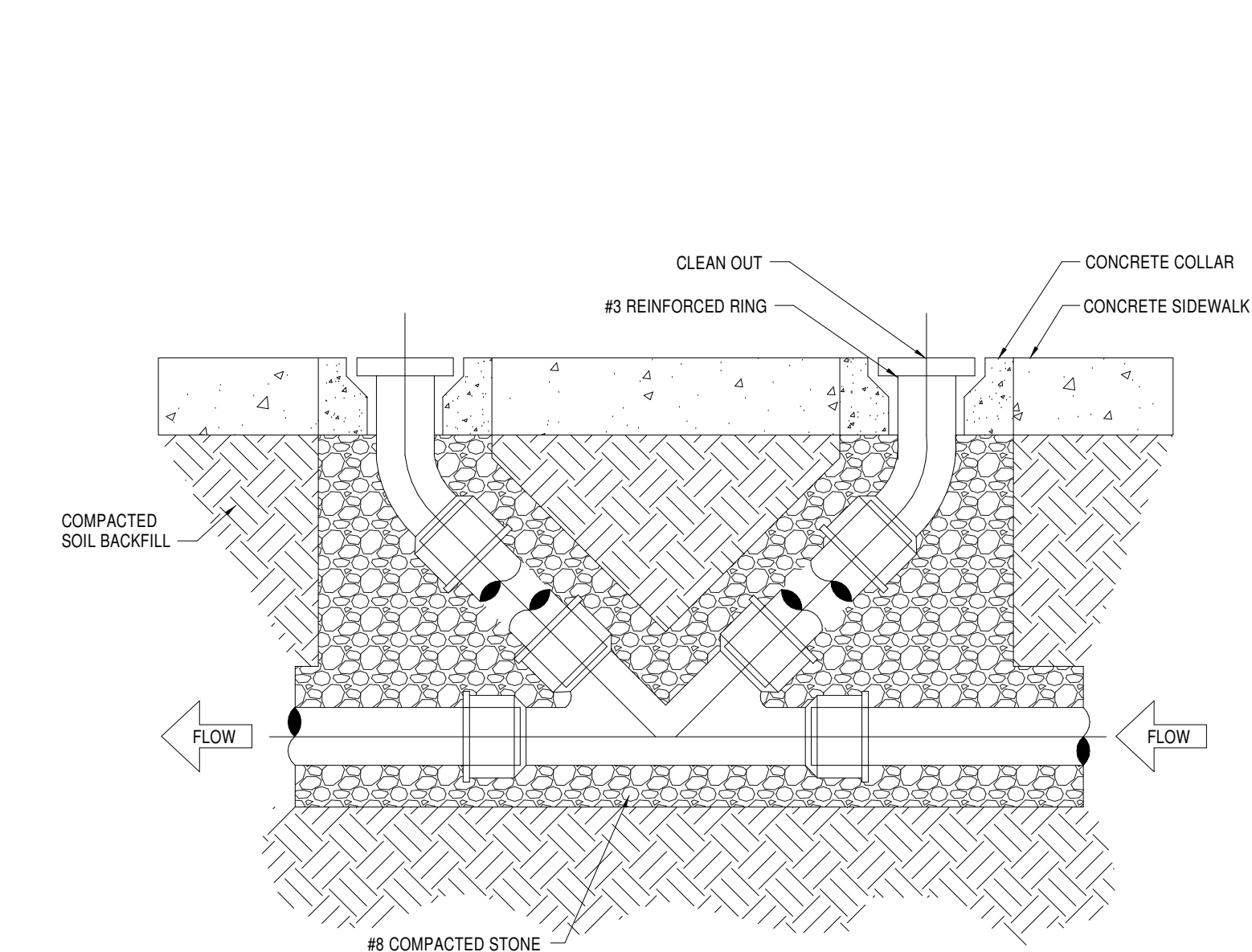
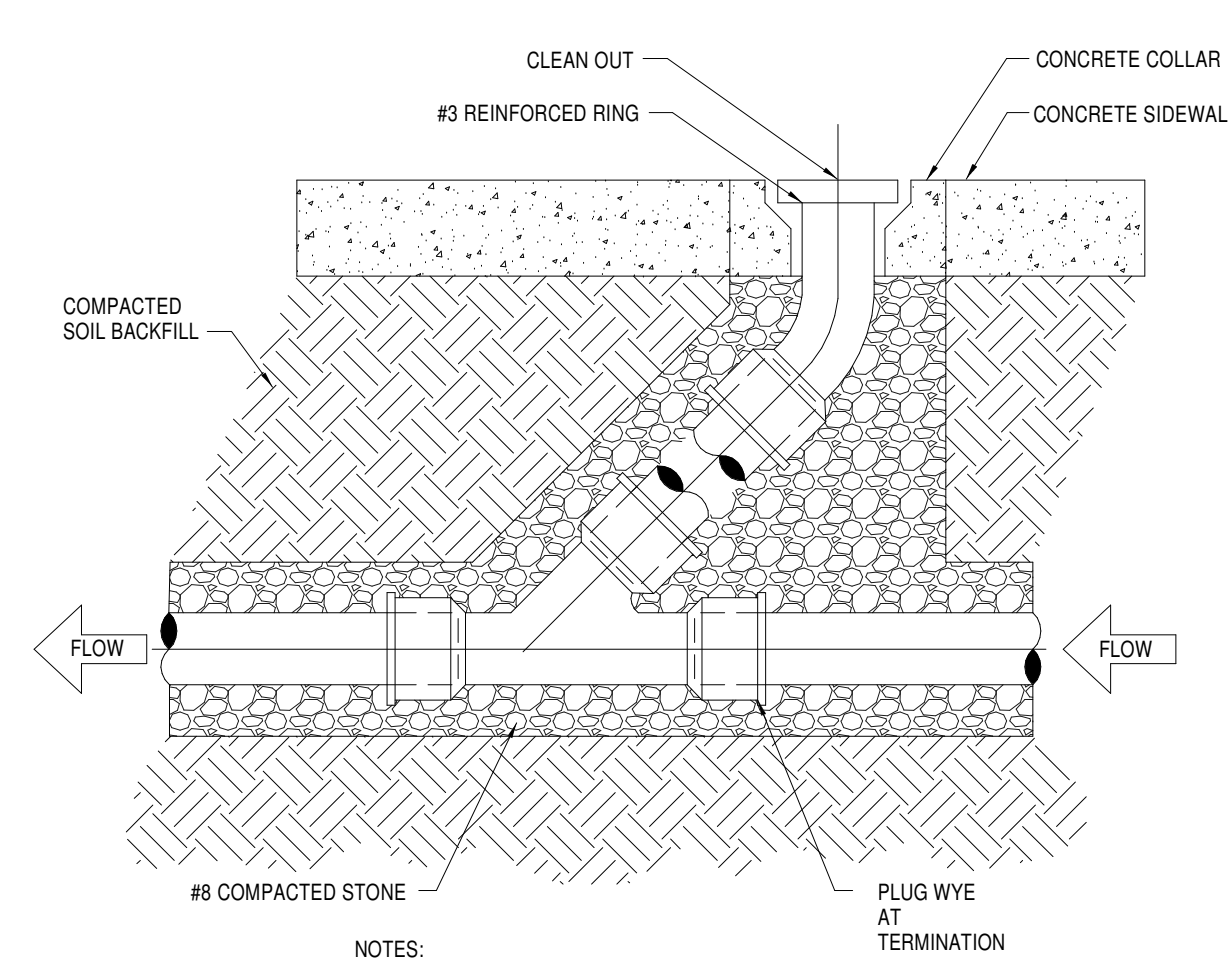
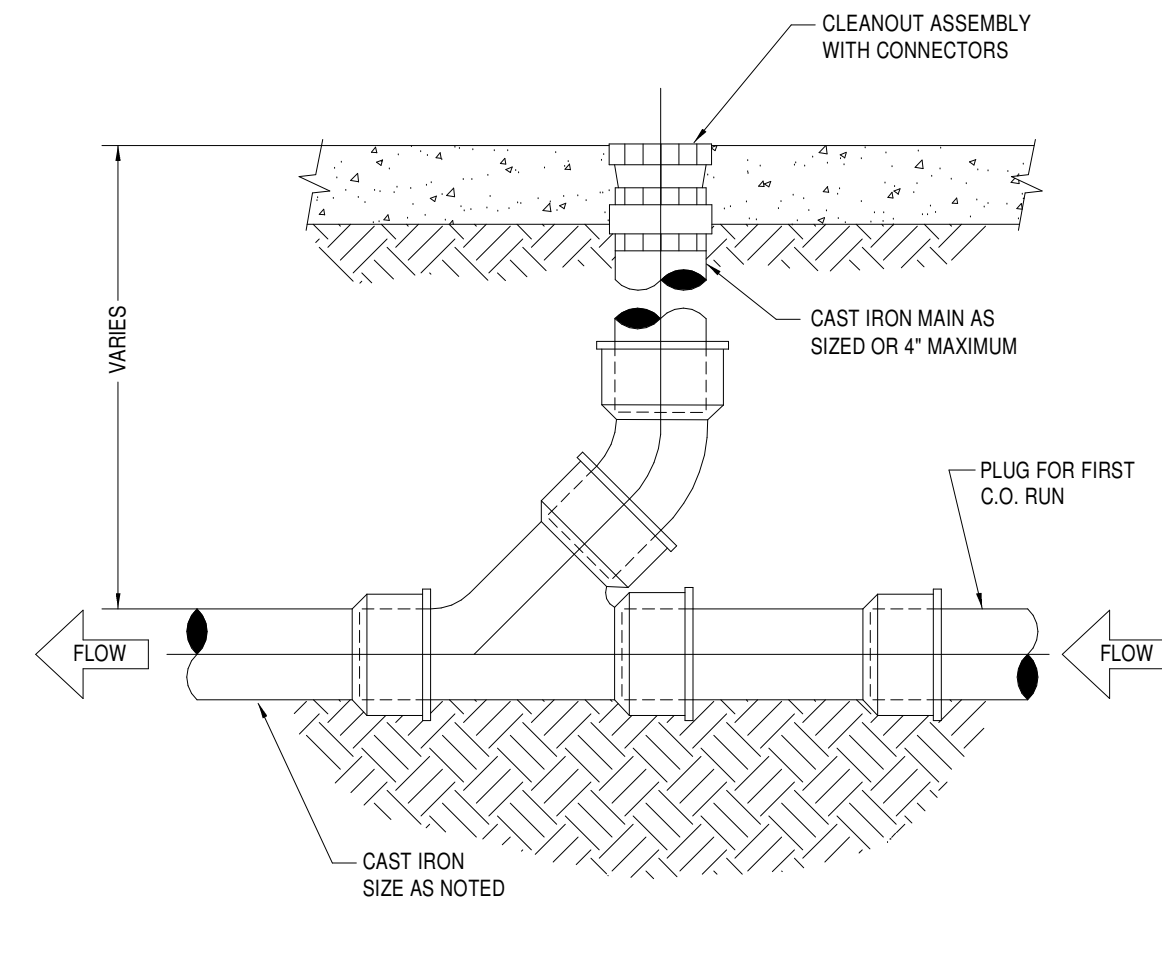
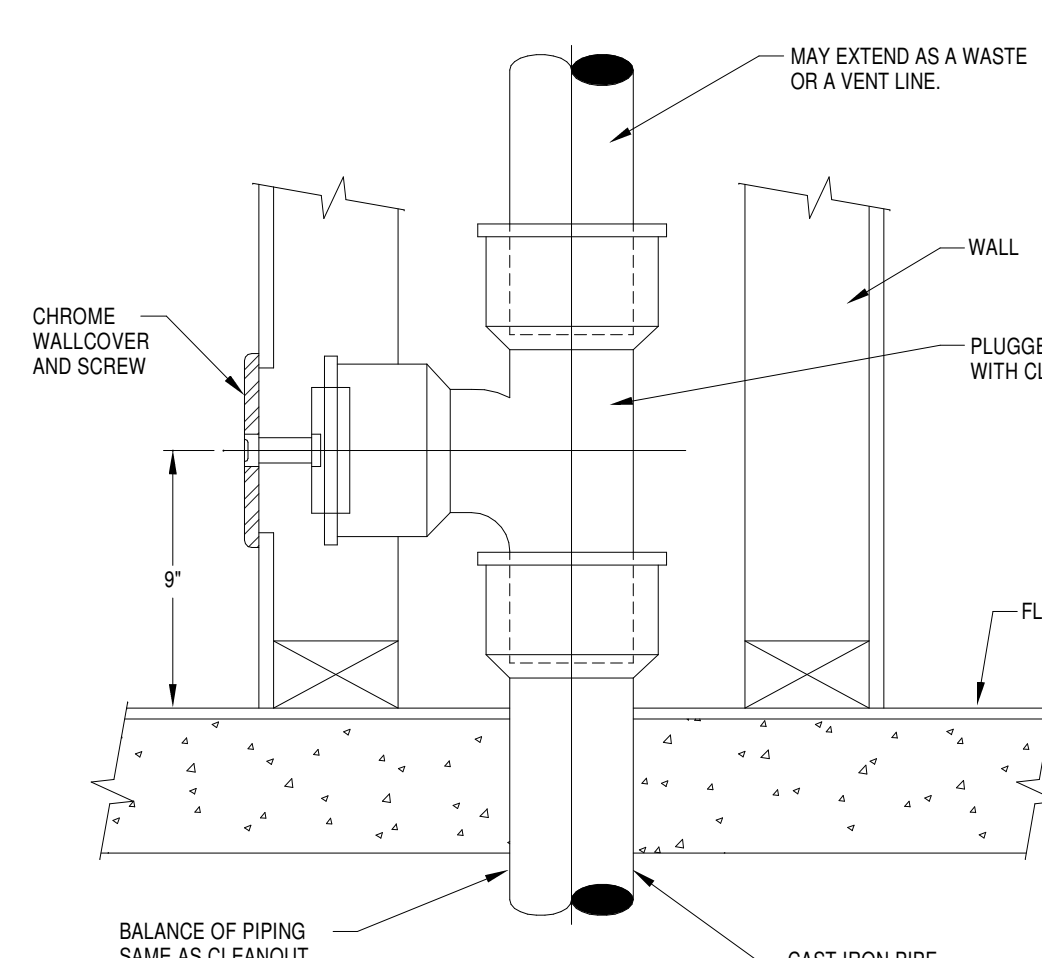
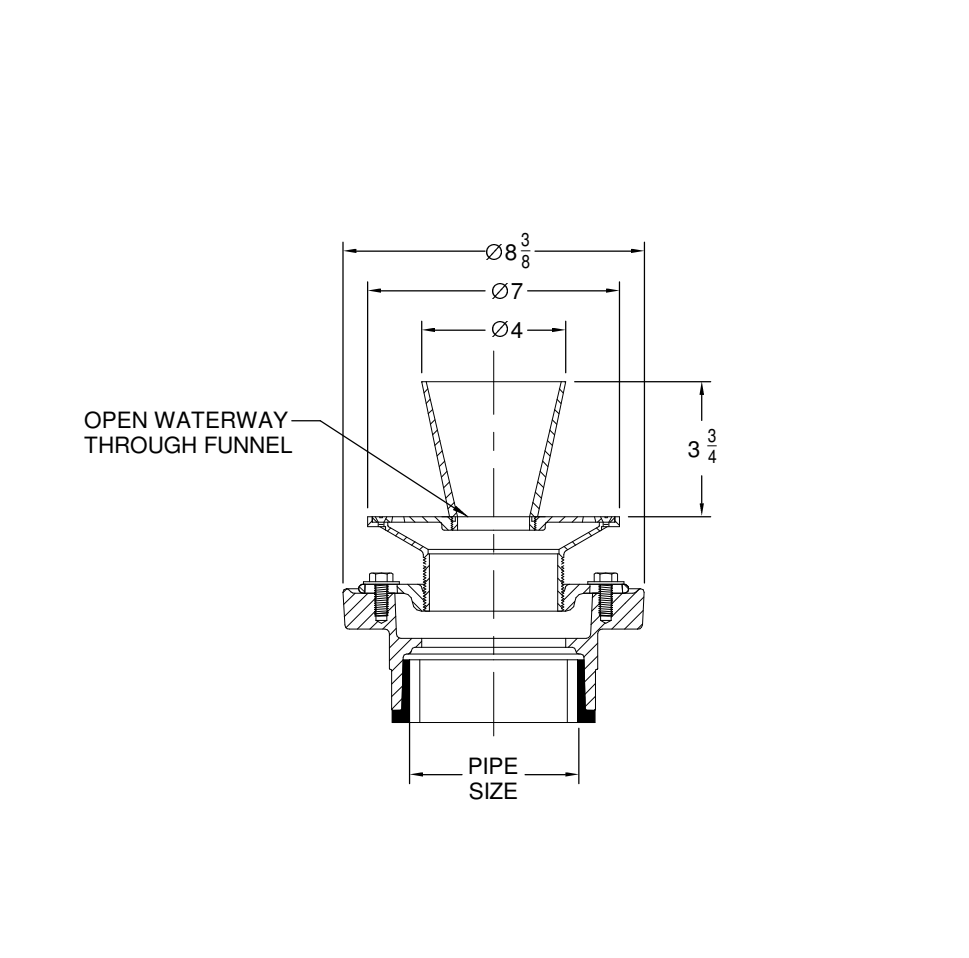
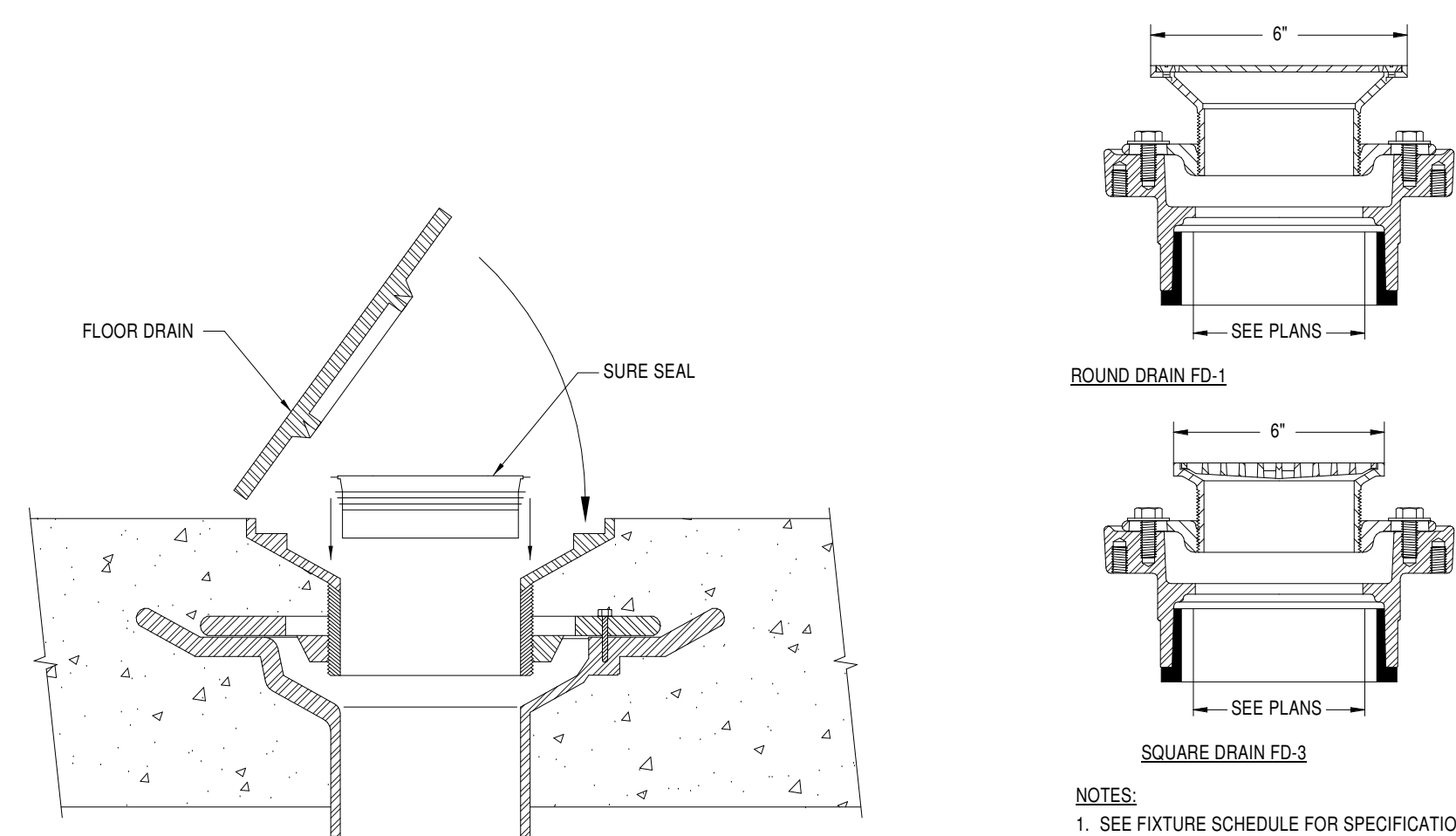
1/8" = 1'-0"

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 BIB 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.
- COORDINATE ICE MAKER EXACT LOCATION WITH EXHAUST CAP FROM VENT HOOD. TO AVOID CONFLICTS.

NOTE: FLOOR PLAN UPDATED TO REFLECT ARCHITECTURAL CHANGES. SHEET ISSUED FOR CONSISTENCY.





WATER HEATERS

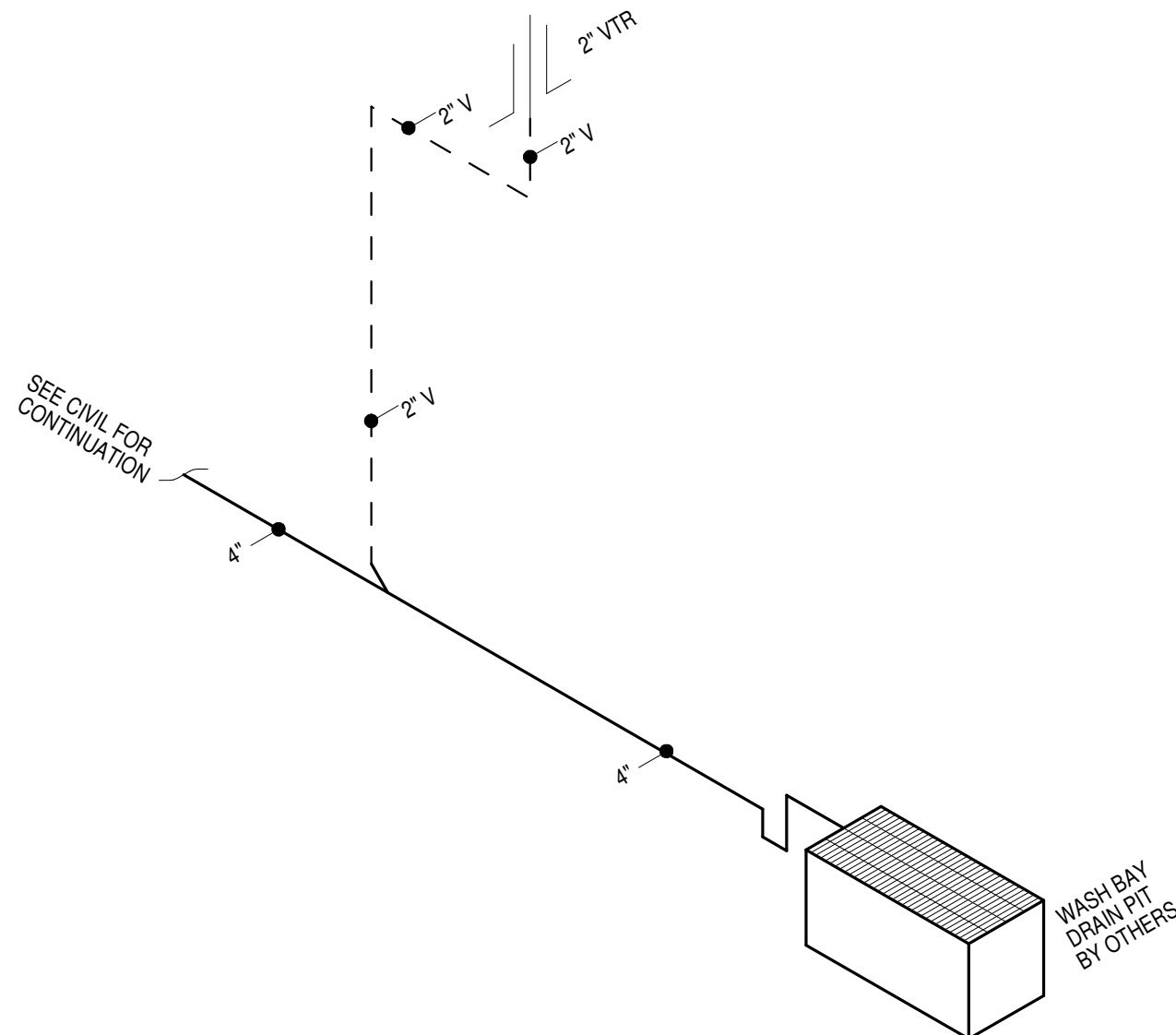
MARK	LOCATION	GALLON CAPACITY	SERVES	ELECTRIC DATA		MANUFACTURER & MODEL NO. OR EQUAL	CONNECTIONS		REMARKS
				VOLTS/ PHASE	KW		CW	HW	
WH-1	JAN 111	80	SHOP AND OFFICE AREA	208/3	8.0	A.O. SMITH DEN-80	1-1/2"	1-1/2"	DUAL ELEMENT, SIMULTANEOUS OPERATION. PROVIDE HOLDRITE WATER HEATER FLOOR STAND 40-S-24-A 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:

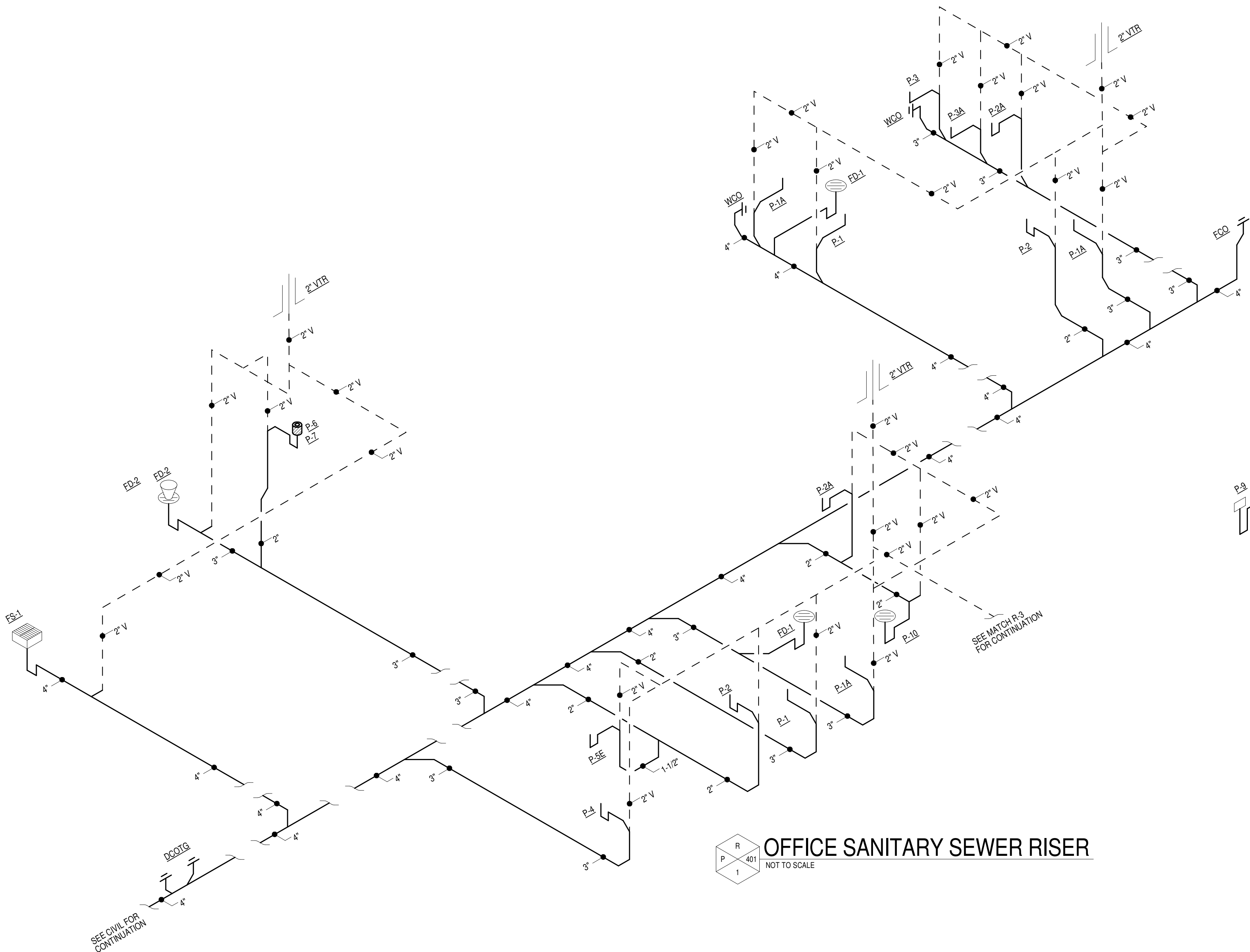
1. REFER TO THE SPECIFICATIONS FOR ADDITIONAL EQUIPMENT REQUIREMENTS.
2. MANUFACTURERS INDICATED ARE TO ESTABLISH MINIMUM CAPACITIES, EFFICIENCIES, QUALITY, ACCESSORIES AND STANDARDS. UNLESS OTHERWISE INDICATED ON THE SCHEDULES OR IN THE SPECIFICATIONS, EQUAL EQUIPMENT BY OTHER MANUFACTURERS MAY BE USED.
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

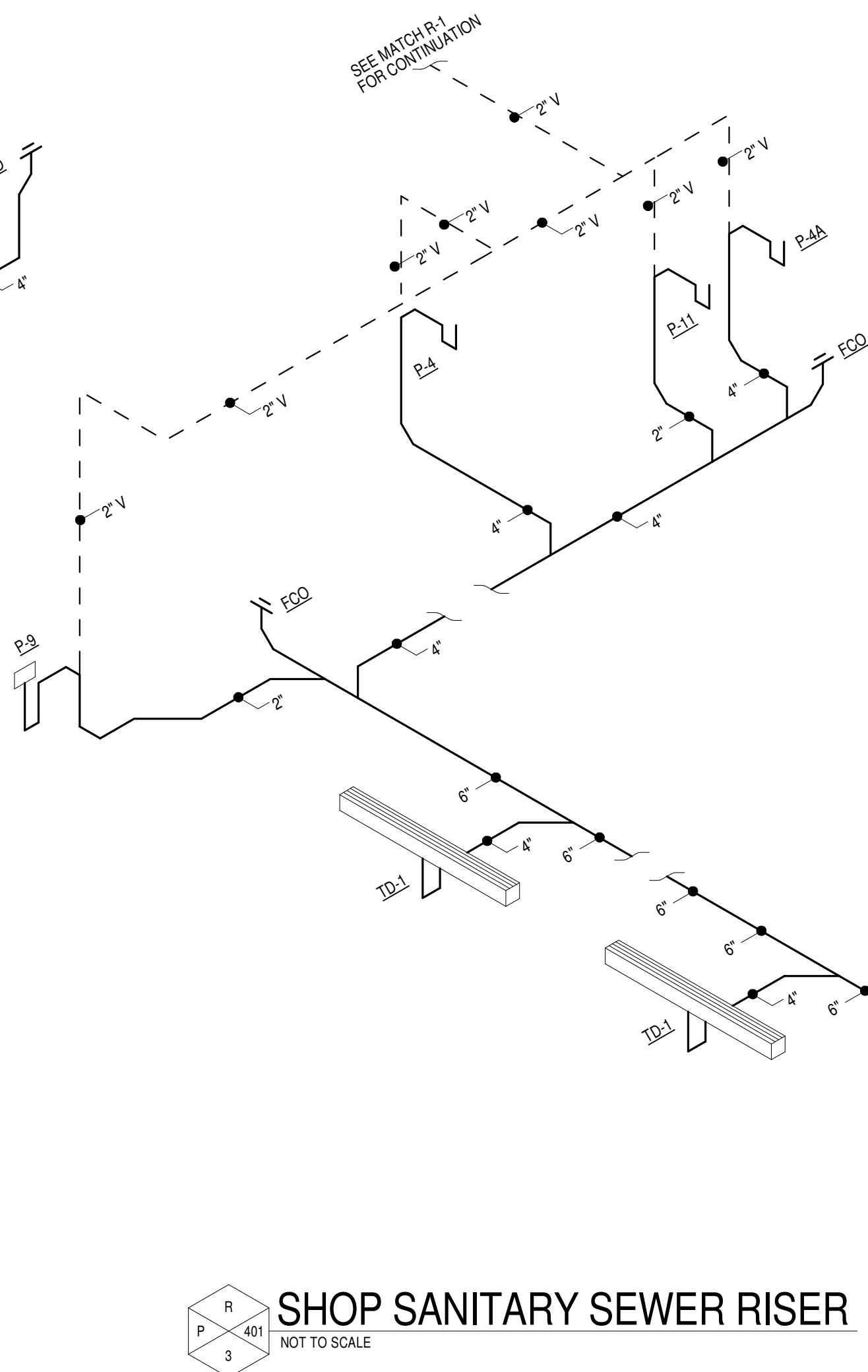
MARK	DESCRIPTION	WASTE	VENT	C.W.	H.W.	MOUNTING	REMARKS
P-1	WATER CLOSET	4"	2"	1"	---	FLOOR	AMERICAN STANDARD MADERA 3451.001, VITREOUS CHINA, WHITE. SLOAN ROYAL 111-1.28 FLUSH VALVE. CHURCH 9500NSSC, ELONGATED, OPEN FRONT SEAT, BOLT CAPS.
P-1A	WATER CLOSET - ADA	4"	2"	1"	---	FLOOR	AMERICAN STANDARD MADERA 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 CHINA, WHITE. AMERICAN STANDARD FAUCET MONTERREY, 4" ON CENTER, CENTERSET GOOSENECK WITH LIMITED SWIVEL, WRIST BLADE HANDLES. 1.5 GPM. 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 0385.012 VITREOUS CHINA, WHITE. AMERICAN STANDARD FAUCET MONTERREY, 4" ON CENTER, CENTERSET GOOSENECK WITH LIMITED SWIVEL, WRIST BLADE HANDLES. 1.5 GPM. 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	STERIN WILLIAMS SB-901, WITH SATINLESS 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-6665 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 LK340AT8L2H 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 POF6S8F, 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 1/2" 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	HAMILTON 0 6233 1855-WHT ACRYL ALCOVE ONE-PIECE ROLL-IN SHOWER, WITH FLO-UP SEAT, 2" HORIZONTAL AND ONE VERTICAL GRAB BARS, VALVE PACKAGE INCLUDES HAND-HELD SHOWER SET, 60" FLEX HOSE, VACUUM BREAKER, 30" SLIDE BAR, WALL OUTLET FITTINGS, CURTAIN AND HOOKS, CENTER DRAIN, ZURN FD225-CJ SHOWER DRAIN, INSTALL FOR COMPLIANCE WITH ADA.
P-11	EYE WASH STATION	1-1/2"	1-1/2"	1/2"	1/2"	WALL	GUARDIAN GB1724 BARRIER-FREE WIDE AREA EYE/FACE WASH, WALL MOUNTED. PROVIDE WITH GUARDIAN G602-1R6 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 B84, 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 Z886-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.



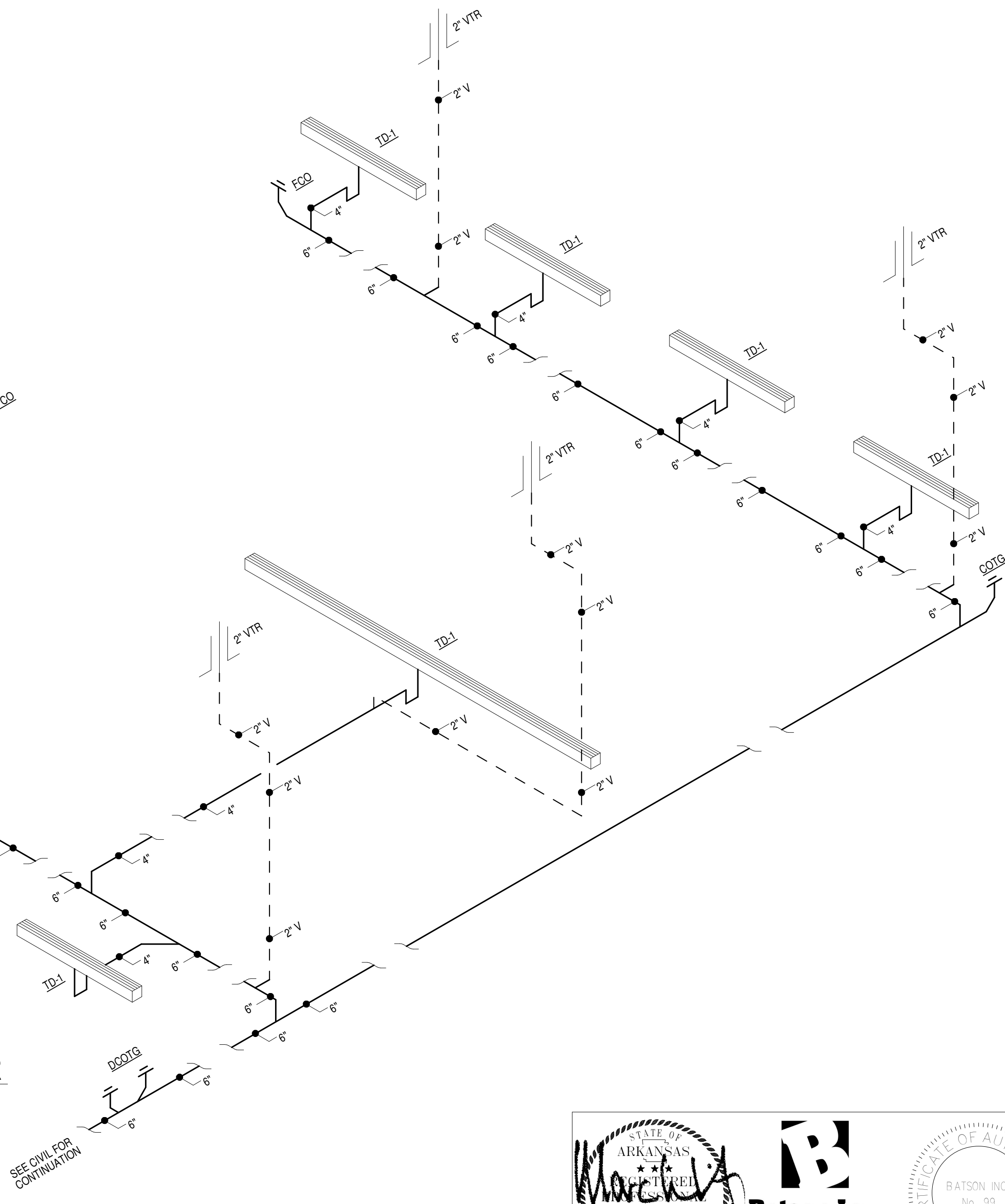
WASH BAY DRAIN PIT RISER
NOT TO SCALE
TYPICAL OF 2



OFFICE SANITARY SEWER RISER
NOT TO SCALE



SHOP SANITARY SEWER RISER
NOT TO SCALE



1300 Brookwood Drive
Little Rock, Arkansas 72202
501-666-0311 www.batson.com

PROJECT TITLE

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

CONTENTS

PLUMBING SCHEDULES AND
RISERS

REVISIONS

NO.	DATE	DESCRIPTION
1	04/03/25	Post Bid ADD #1

24-096
JOB NO.
02.14.2025
DATE

ISSUE SET

SHEET

P401

24/03/2024 15:55:58 Mr. C:\Users\lms\OneDrive\2024\03\05 - Craighead Elec. Maintenance Shop Addition.dwg 11/04

ABBREVIATIONS

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

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 & COLLATERAL PEMB ROOF SYSTEM	12 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	I _e = 1.00	
SPECTRAL RESPONSE COEFFICIENT	S _s = 1.56	
SITE CLASS	S1 = 0.42	
ADJUSTED MC SPECTRAL RESPONSE	D (STIFF SOIL)	
DESIGN SPECTRAL RESPONSE ACCELERATION	S _{ms} = 1.22	
SEISMIC DESIGN CATEGORY	S _{ml} = 0.41	
BASIC SEISMIC RESISTING SYSTEM	S _{ds} = 0.81	
DESIGN BASE SHEAR	S _{d1} = 0.28	
SEISMIC RESPONSE COEFFICIENT	D	
RESPONSE MODIFICATION FACTOR	MOMENT FRAME(S) (R=3.25)	
ANALYSIS PROCEDURE	V = 0.024W	
	Q _s = 0.249	
	R = 3.25	
	EQUIVALENT LATERAL FORCE PROCEDURE	
SYSTEMS AND COMPONENTS REQUIRING SPECIAL INSPECTION - SEE SPECIFICATION SECTION 014533 (IBC).		

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. THE 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 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 PIECES 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.
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: a. DO NOT PLACE BACKFILL AGAINST CONCRETE WALLS AND GRADE BEAMS UNTIL BRACING FLOORS ARE ARE IN PLACE OR ADEQUATE TEMPORARY BRACING HAS BEEN INSTALLED b. BACKFILL IN EVEN LIFTS ALTERNATING FROM SIDE TO SIDE (IF MAX LOOSE LIFTS) c. ALL FILL MATERIAL SHALL BE NONEXPANSIVE AND MINIMUM PLASTICITY d. FILL SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY PER ASTM 1587 e. 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 : a. BARS: ASTM A615 - GRADE 60, EXCEPT USE GRADE 40 FOR BARS NOTED (IF NOTED), AS FIELD BENT. b. 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" c. WALLS, SLABS
7. 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.
8. REFER TO ARCHITECTURAL DRAWINGS FOR CONCRETE FINISHES. WHERE FORM FINISH IS NOT SPECIFIED, CONFORM TO REQUIREMENTS OF ACI 301 AS MODIFIED BY THE SPECIFICATIONS.
9. MASONRY DOWELS: PROVIDE, PLACE, AND SPACE TO MATCH MASONRY VERTICAL REINFORCING.
10. "C.J." REPRESENTS CONTROL JOINT. SAWCUT ALL CONTROL JOINTS WITHIN 8 HOURS OF POUR.
11. 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)

12. UNLESS SHOWN OR OTHERWISE NOTED, PROVIDE STANDARD HOOKS ON END OF ALL BARS EXCEPT THOSE LAPPED OR SPLICED TO A CONTINUING BAR.
13. 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 0'-6" PROJECTING 3" FROM CONCRETE BELOW AT 12" O.C. EACH WAY AND REINFORCE W/ #4 @ 12" EACH WAY, TOP AND BOTTOM.
14. 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.
15. SEE ARCHITECTURAL DRAWINGS FOR DOOR AND WINDOW OPENINGS, DRIP SLOWS, REGLETS, MASONRY ANCHORS, PRECAST BEARING LEDGES, AND FOR MISCELLANEOUS EMBEDDED PLATS, BOLTS, ANCHORS, ETC.
16. SELECT FORMWORK TO PRODUCE THE FINISH REQUIRED, WHERE FINISH IS NOT SPECIFIED. FORMWORK FOR EXPOSED SURFACES SHALL BE ACI/ASTM CLASS A, AND FORMWORK FOR OTHER SURFACES SHALL BE ACI 347R, 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 a. W8'S THRU W36'S - A572 GRADE 50 b. PIPES - A53-30 ksi c. TUBES - A500 GRADE B - 46 ksi d. BUILT-UP SHAPES - AS INDICATED e. ALL ELSE - A36 - 36 ksi OR A572 GRADE 50
2. SPACE MEMBERS UNIFORMLY BETWEEN DIMENSIONED LOCATIONS
3. CONNECTIONS a. WELD OR BOLT, UNLESS NOTED OTHERWISE b. DESIGN CONNECTIONS NOT ENTIRELY DETAILED ON DRAWINGS c. 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 TS AND PIPE CONNECTIONS USE CONNECTIONS FROM AISC HOLLOW STRUCTURAL SECTIONS CONNECTIONS MANUAL d. MINIMUM THICKNESS: ANGLES 5/16" PLATES 3/8"
4. CONNECTION DESIGN FORCES a. BEAM CONNECTIONS 1) IF SHOWN, USE 10% 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 a. MINIMUM BOLT DIAMETER, 3/4" UNLESS NOTED. b. TWO BOLTS MINIMUM PER CONNECTED MEMBER. c. USE A325SS OR A490SS 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 A325N OR A490N ELSEWHERE. d. FOR BEAM TO COLUMN CONNECTION, USE SHORT OR LONG SLOTTED HOLES AND FULLY TENSIONED BOLTS, EXCEPT USE SC BOLTS AT MOMENT CONNECTIONS. e. OVERSIZED AND LONG SLOTTED HOLES PERMITTED ONLY WHERE SHOWN OR NOTED.
6. WELDED CONNECTIONS: a. ELECTRODES: E70 SERIES b. FILLET WELDS: AISC MINIMUM, BUT NOT LESS THAN 3/16", UNLESS NOTED c. GROOVE WELDS: FULL PENETRATION, UNLESS NOTED OTHERWISE d. 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 (alpha = 1.3)		OTHER BARS (alpha = 1.0)	
		CASE 1	CASE 2	CASE 1	CASE 2
#3	A	22	33	17	25
	B	28	42	22	33
#4	A	29	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	63	94	48	72
	B	81	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 (alpha = 1.3)		OTHER BARS (alpha = 1.0)	
		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	31	47	24	36
	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



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

PROJECT TITLE

STRUCTURAL NOTES

CONTENTS

REVISIONS

NO.	DATE	DESCRIPTION
1	03/06/25	ADD #1
2	03/10/25	ADD #2
3	04/03/25	POST BID ADD #1

24-096

JOB NO.

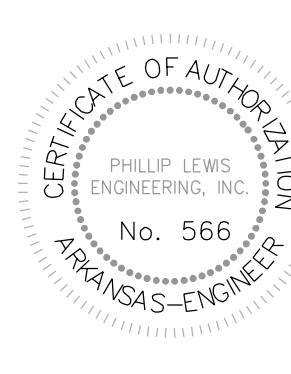
02.14.2025

DATE

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S100

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2	03/10/25	ADD #2
3	04/03/25	POST BID ADD #1

24-096

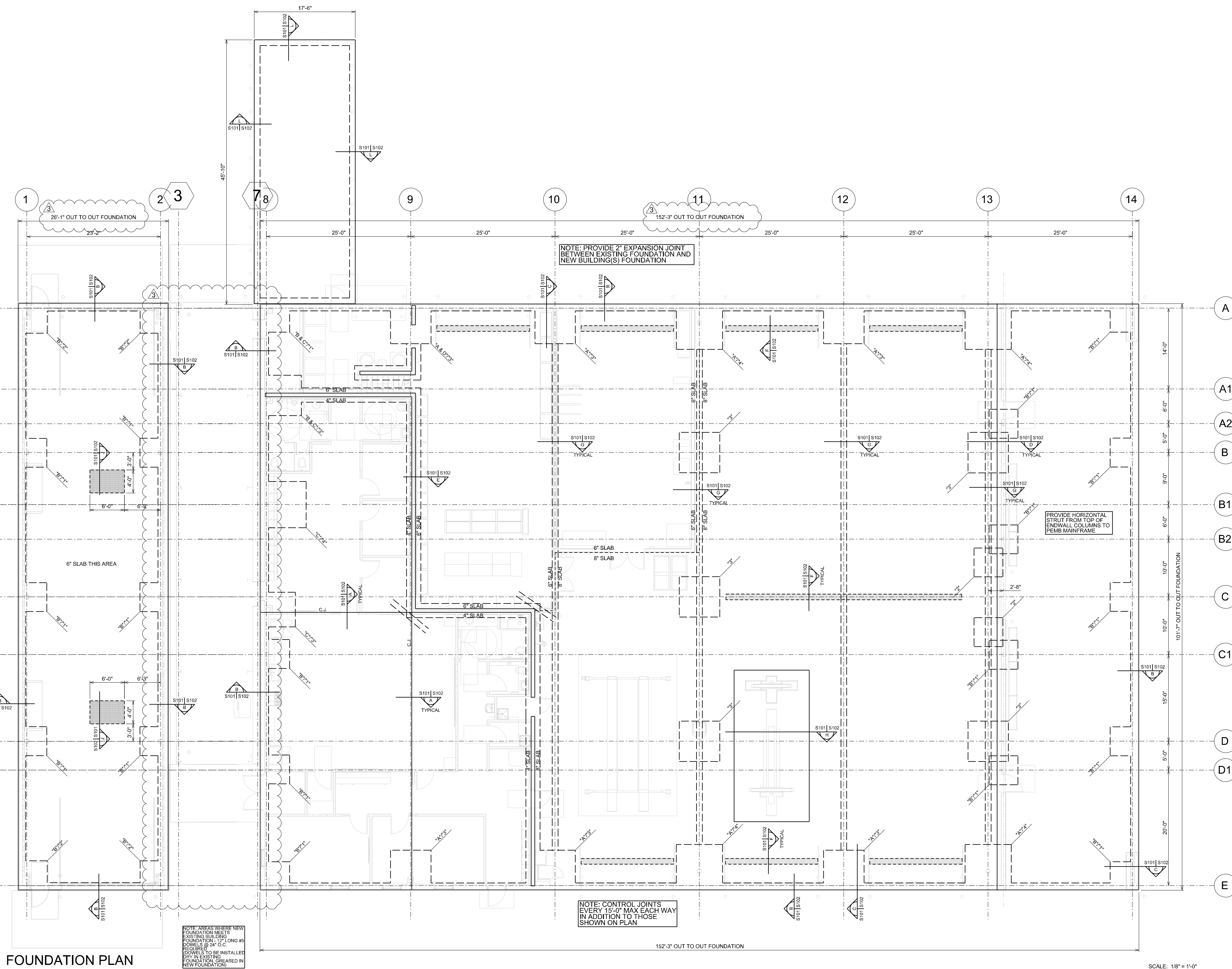
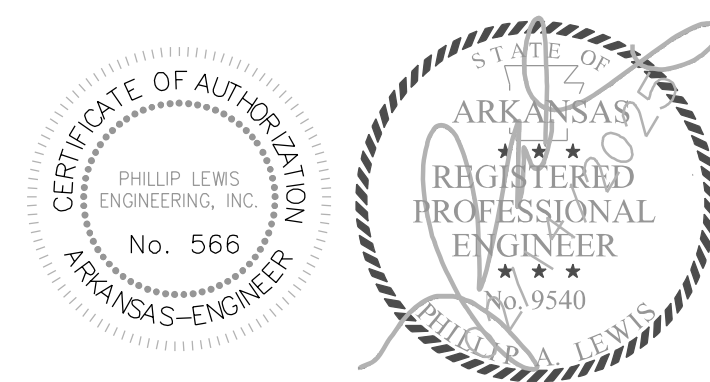
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02.14.2025

DATE

ISSUE SET

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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 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"
 - COLUMNS, BEAMS, GIRDERS.....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. "C.J." REPRESENTS CONTROL JOINT. SAWCUT ALL CONTROL JOINTS WITHIN 8 HOURS OF POUR.
11. PROVIDE PLAN (PER ACI RECOMMENDATIONS) FOR COLD (40°F & BELOW) OR HOT (90°F & ABOVE) WEATHER CONCRETE CURING. FOLLOW ACI RECOMMENDATIONS SPECIFIED IN ACI 306R-16 (COLD) & ACI 305R-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

COLUMN SCHEDULE

A	PRE-ENGINEERED MAIN FRAME COLUMN
B	PRE-ENGINEERED ENDWALL COLUMN
C	HSS 8x8x5/8" 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) - 3/4" DIA ASTM F1554 (GRADE 36) ROD (THREADED AS NEEDED) 1'-3" LONG WITH DOUBLE NUT AND WASHERS ON BOTTOM OF ANCHOR BOLTS

NO.	DATE	DESCRIPTION
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2	03/10/25	ADD #2
3	04/03/25	POST BID ADD #1

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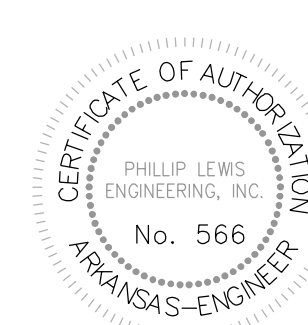
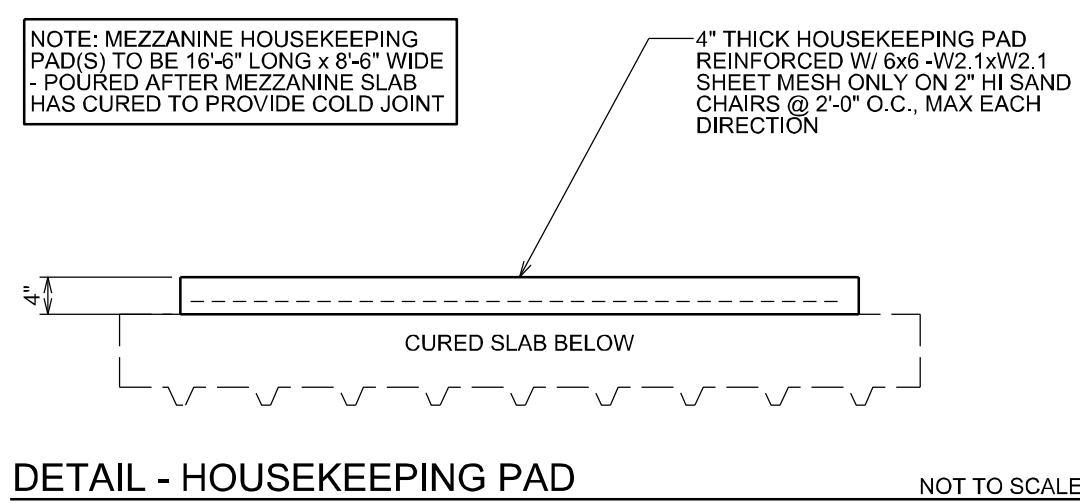
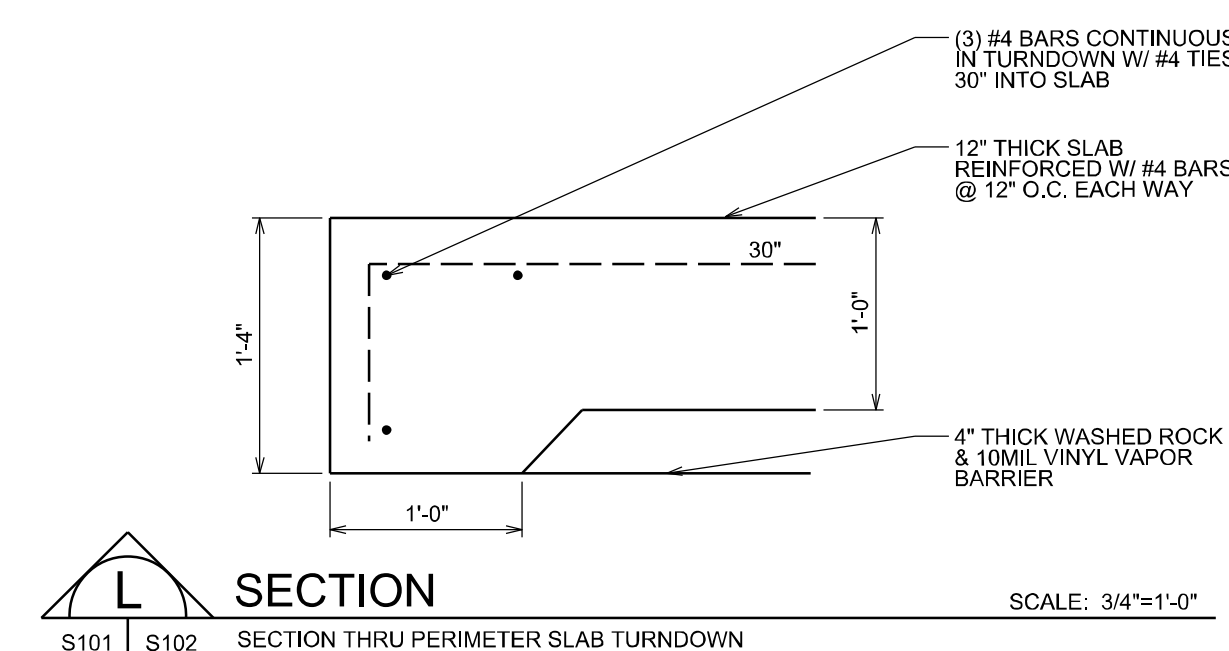
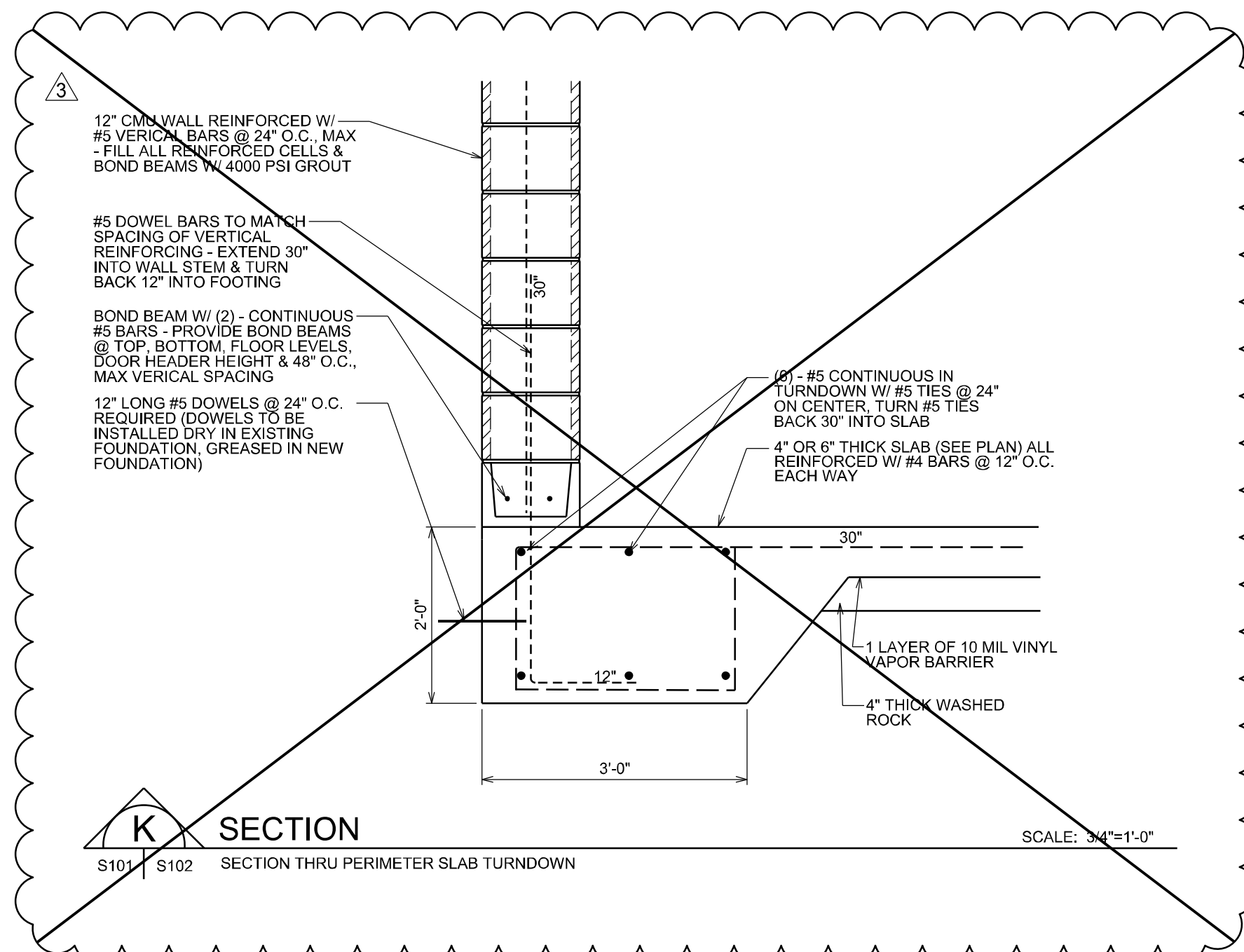
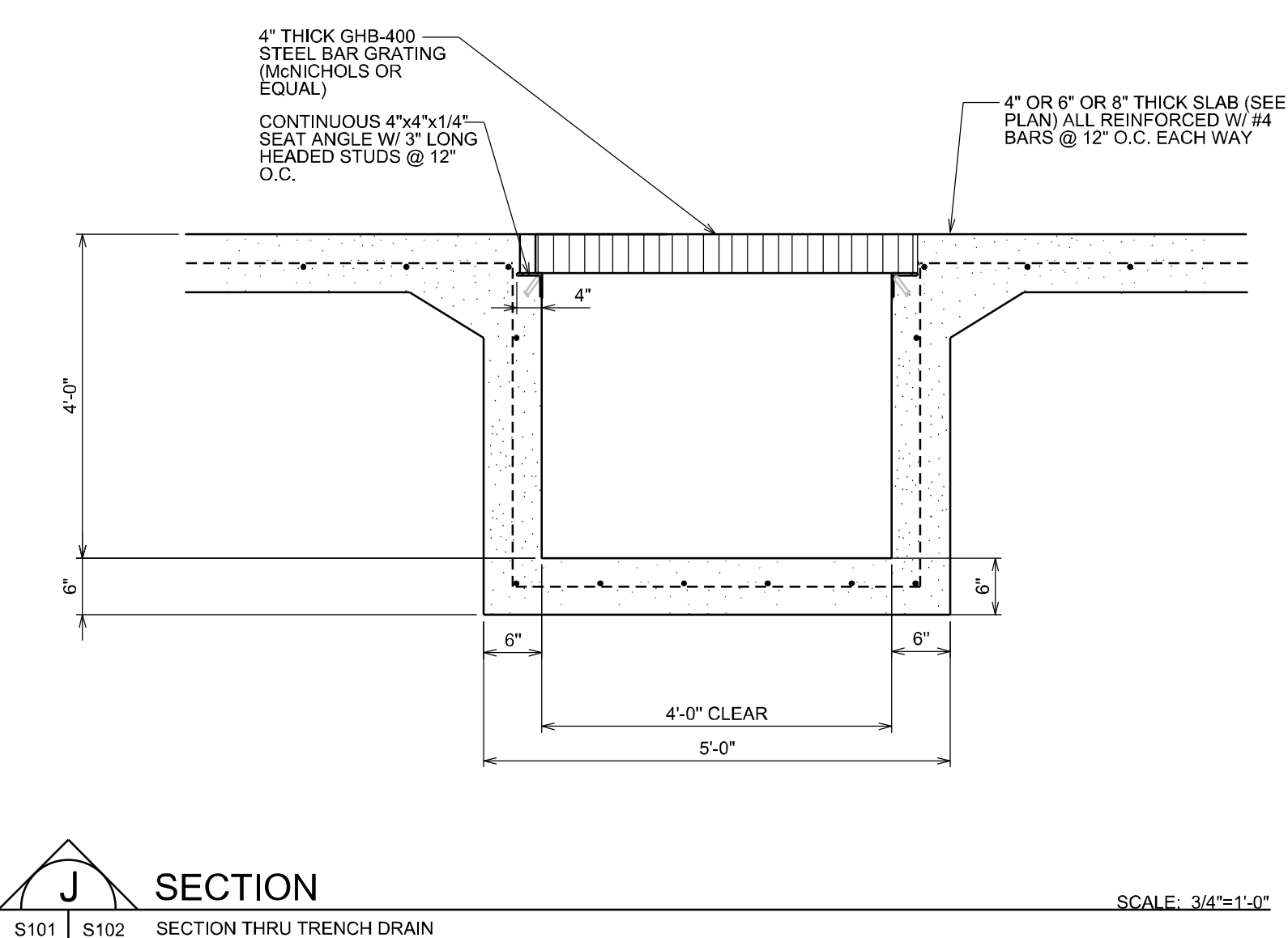
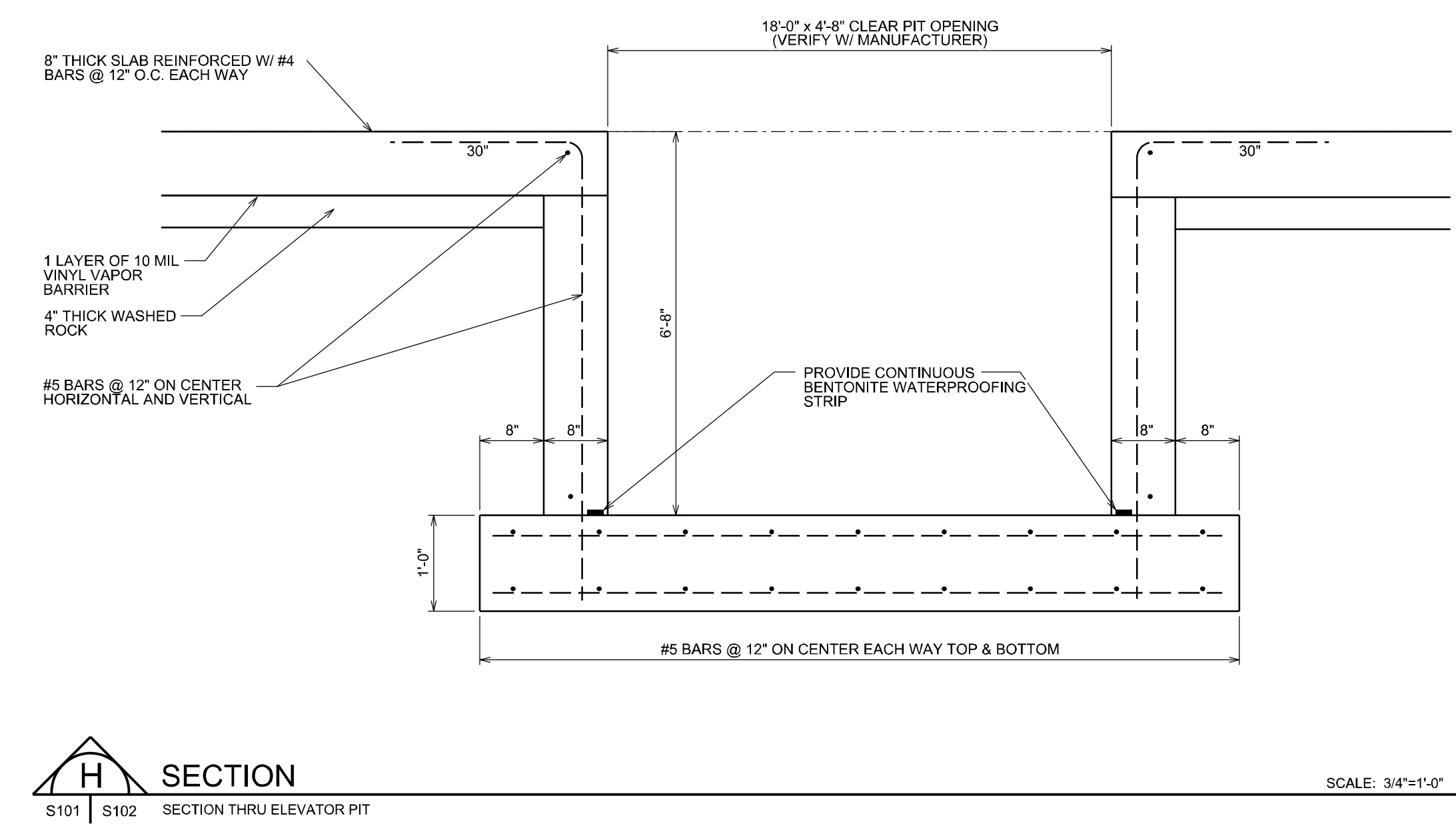
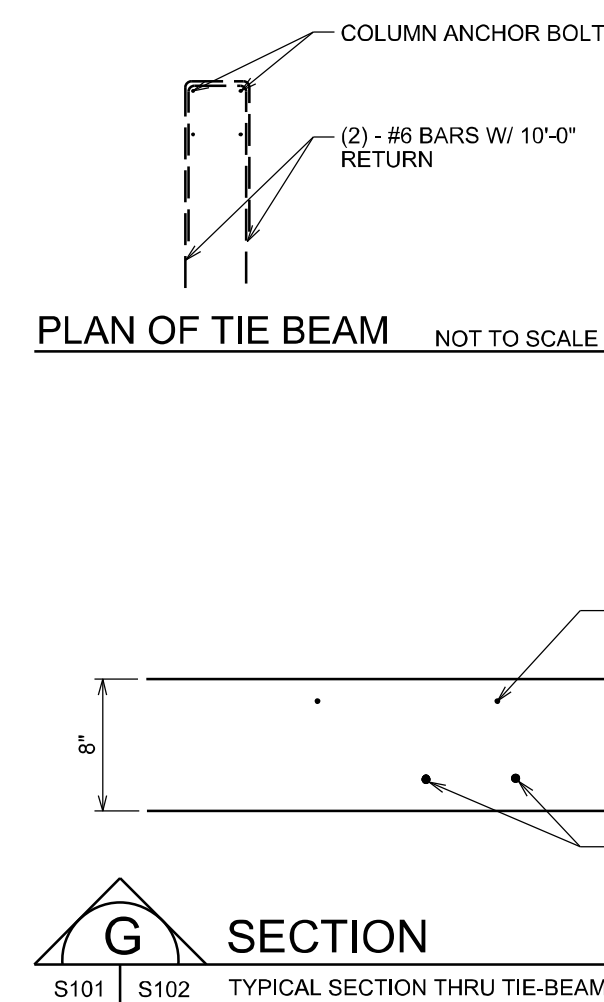
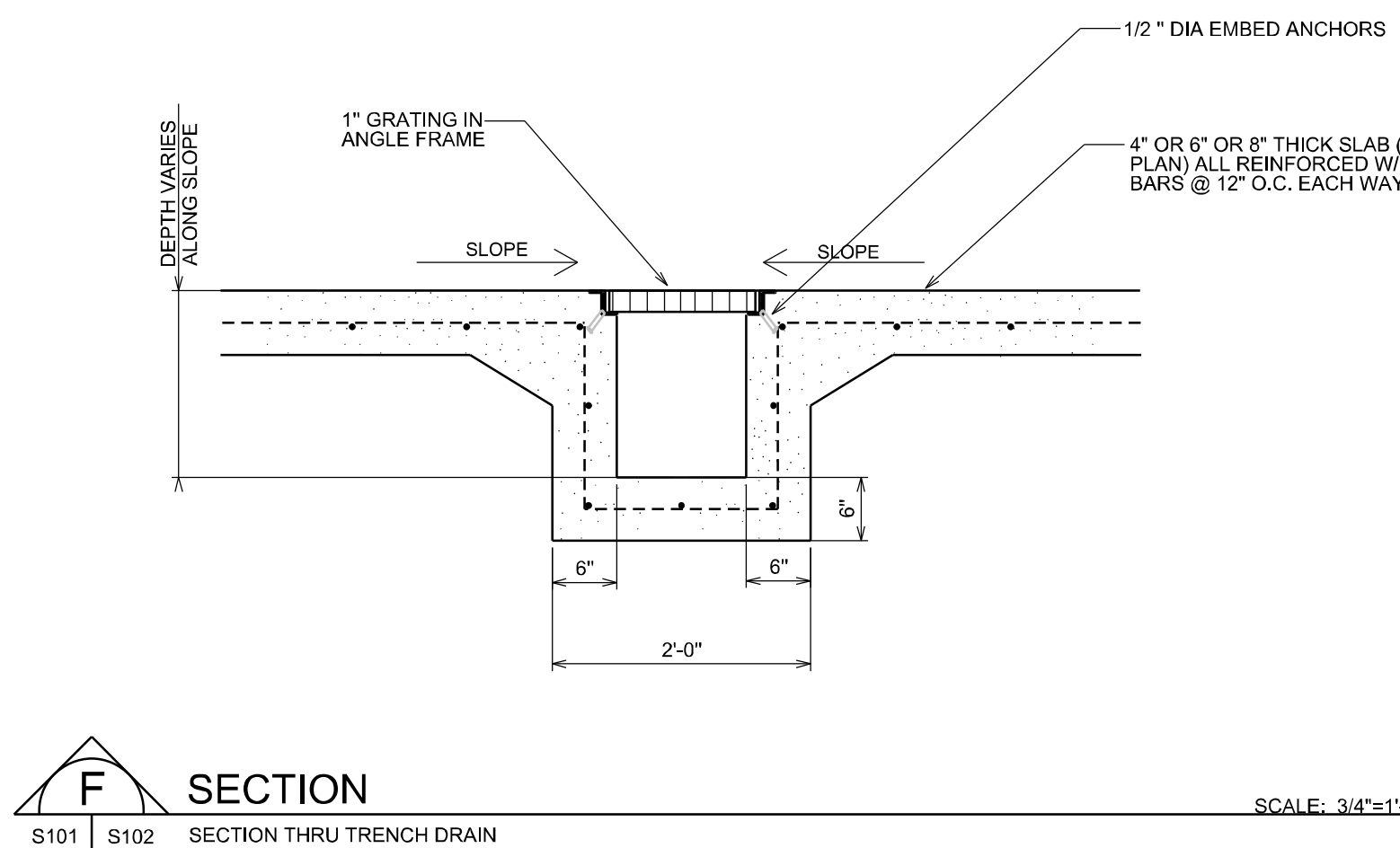
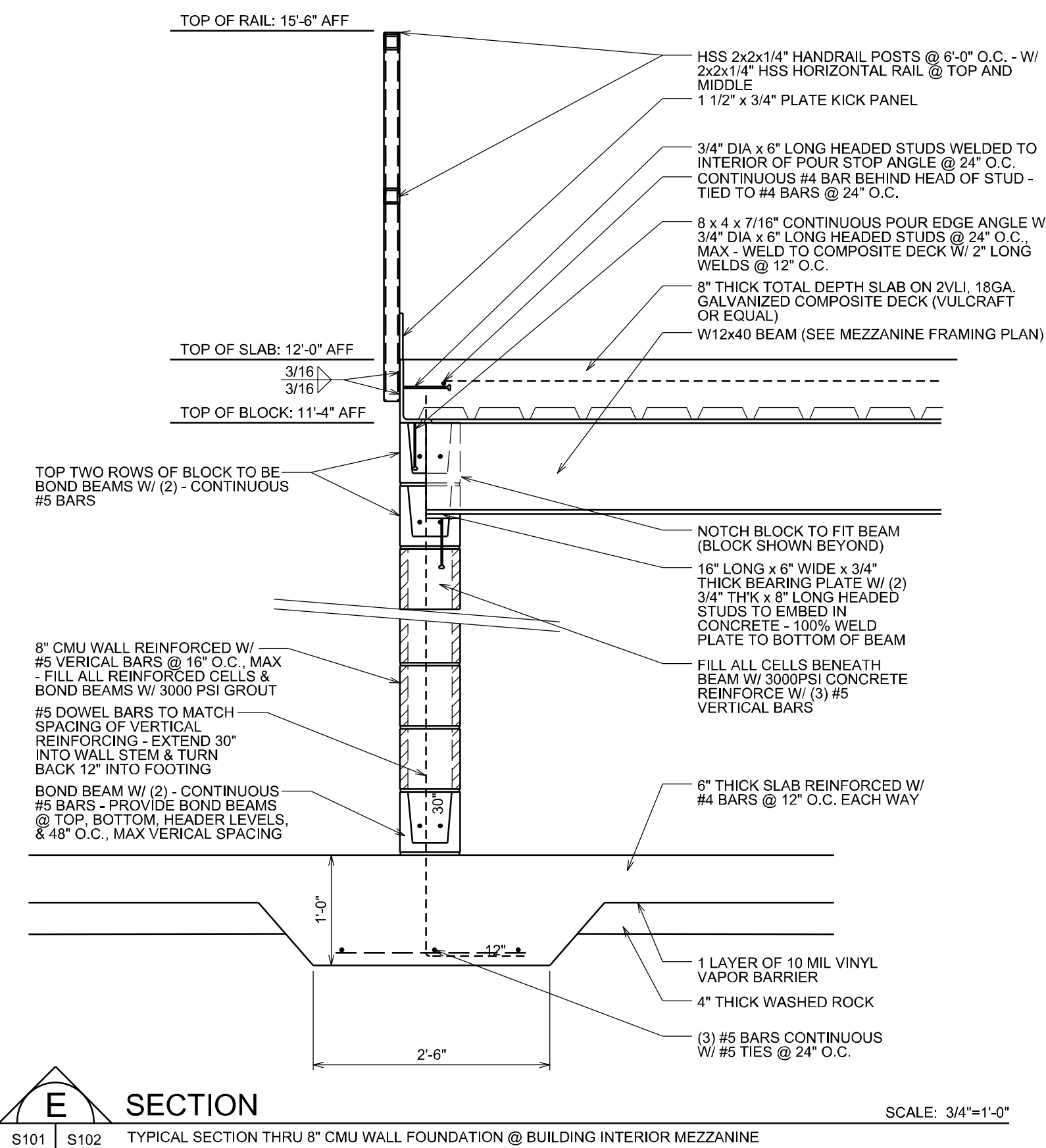
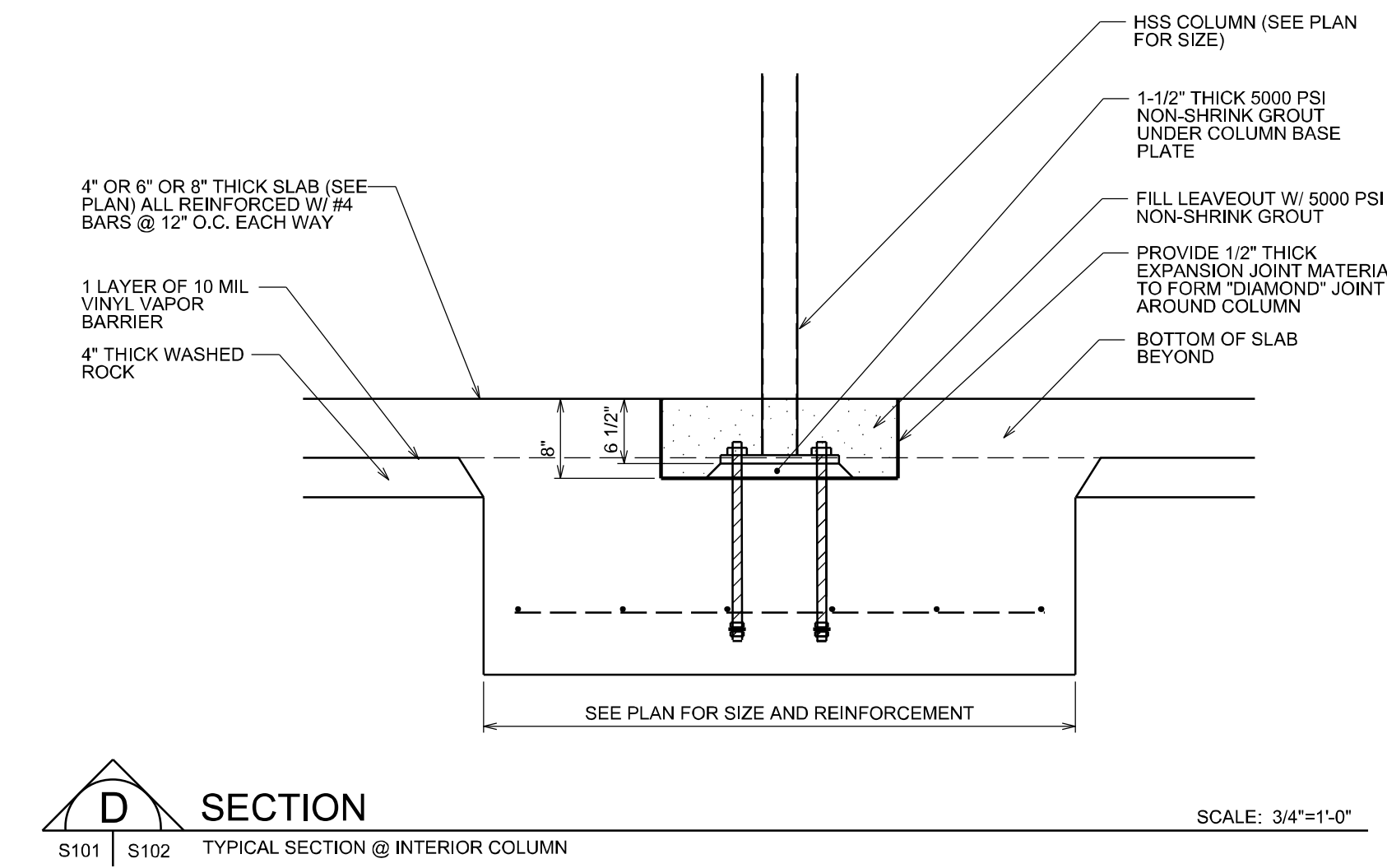
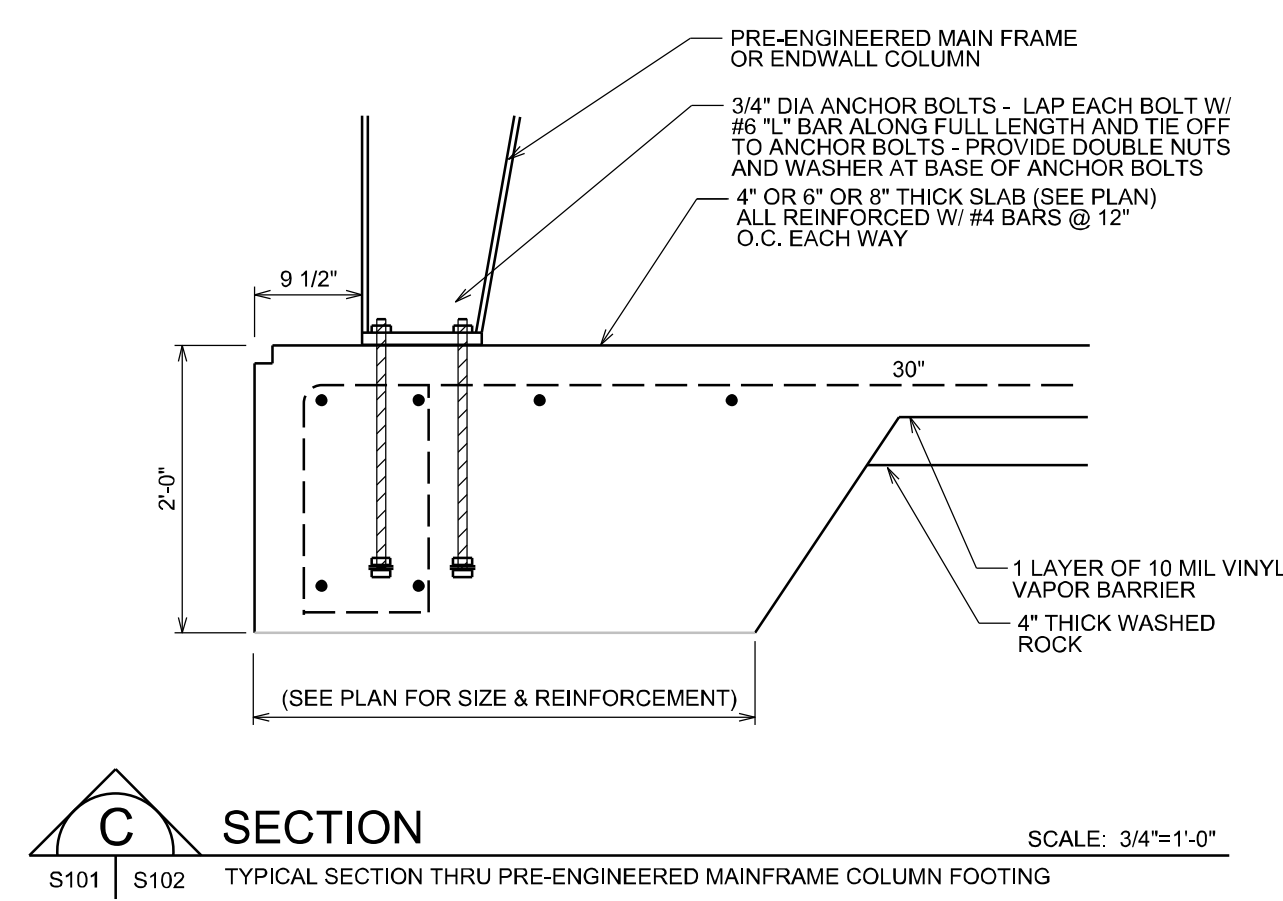
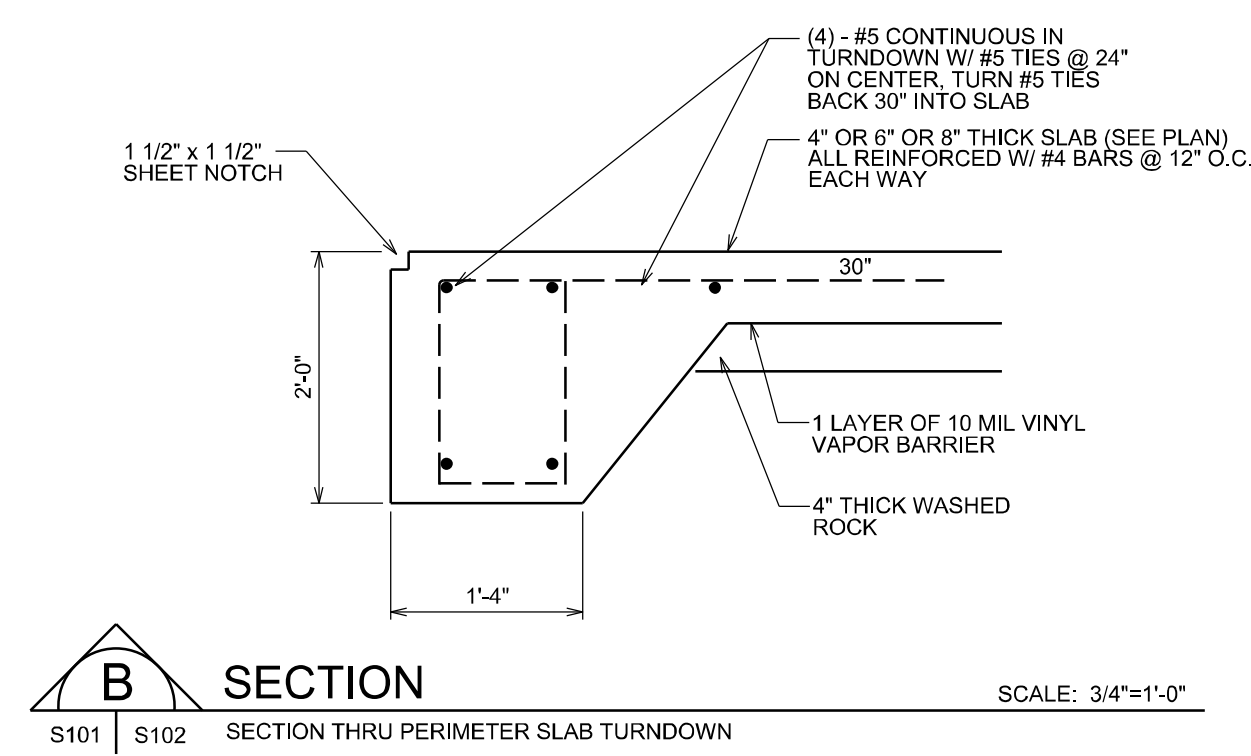
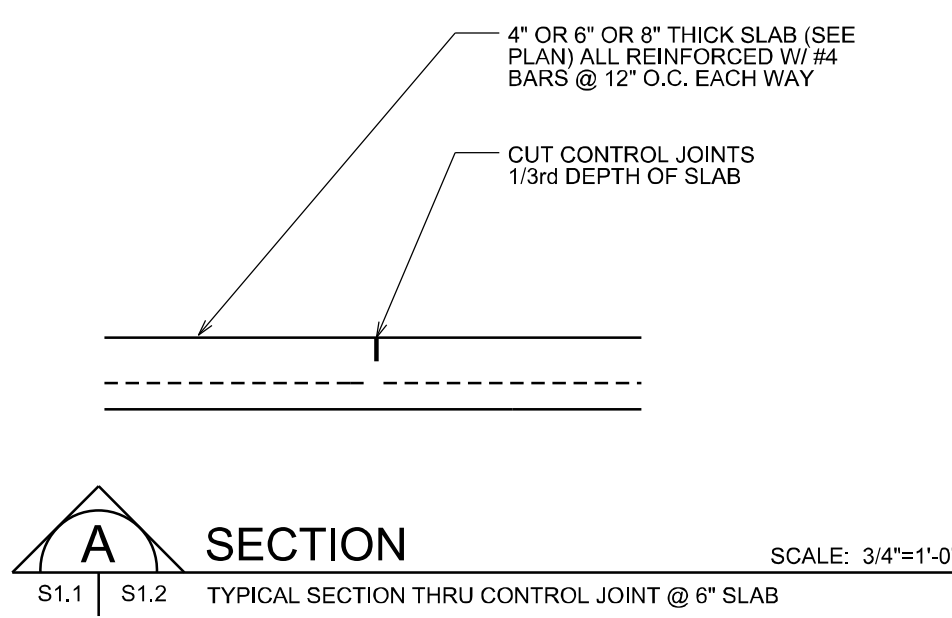
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02.14.2025

DATE

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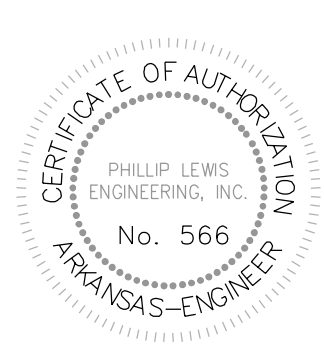
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ELEVATION - FRONT

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

ELEVATION - REAR

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



SHEET

REVISIONS

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PROJECT TITLE



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

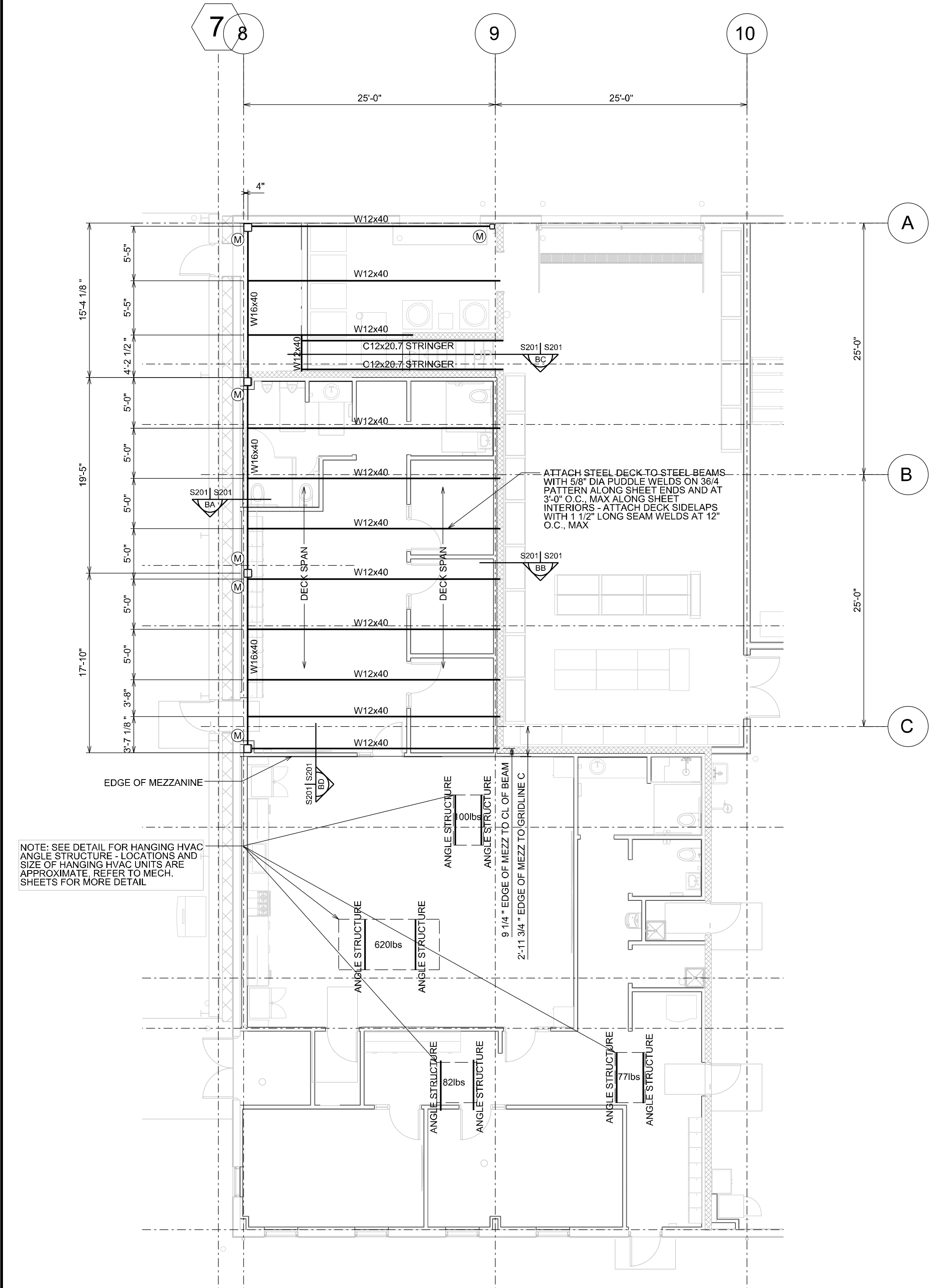
STRUCTURAL ELEVATIONS

NO.	DATE	DESCRIPTION
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2	03/10/25	ADD #2
3	04/03/25	POST BID ADD #1

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02.14.2025
DATE
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S103

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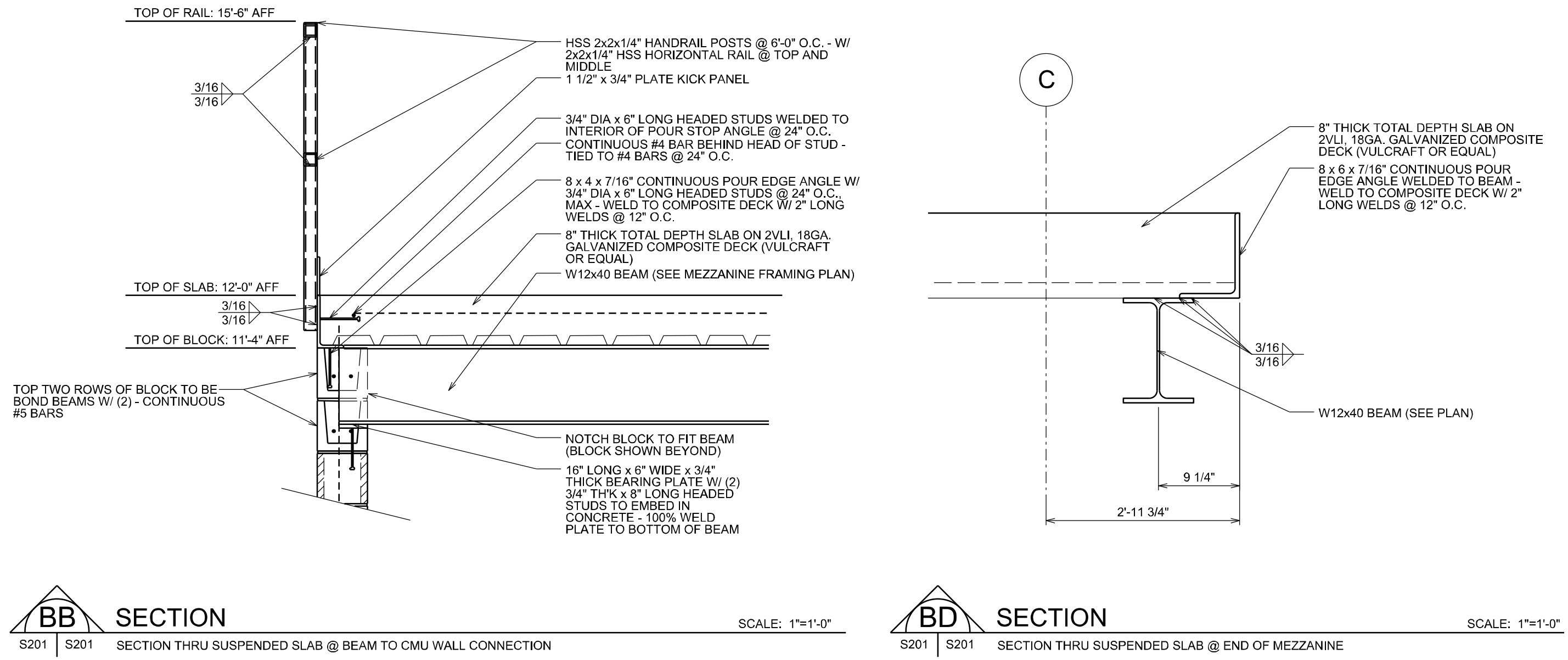
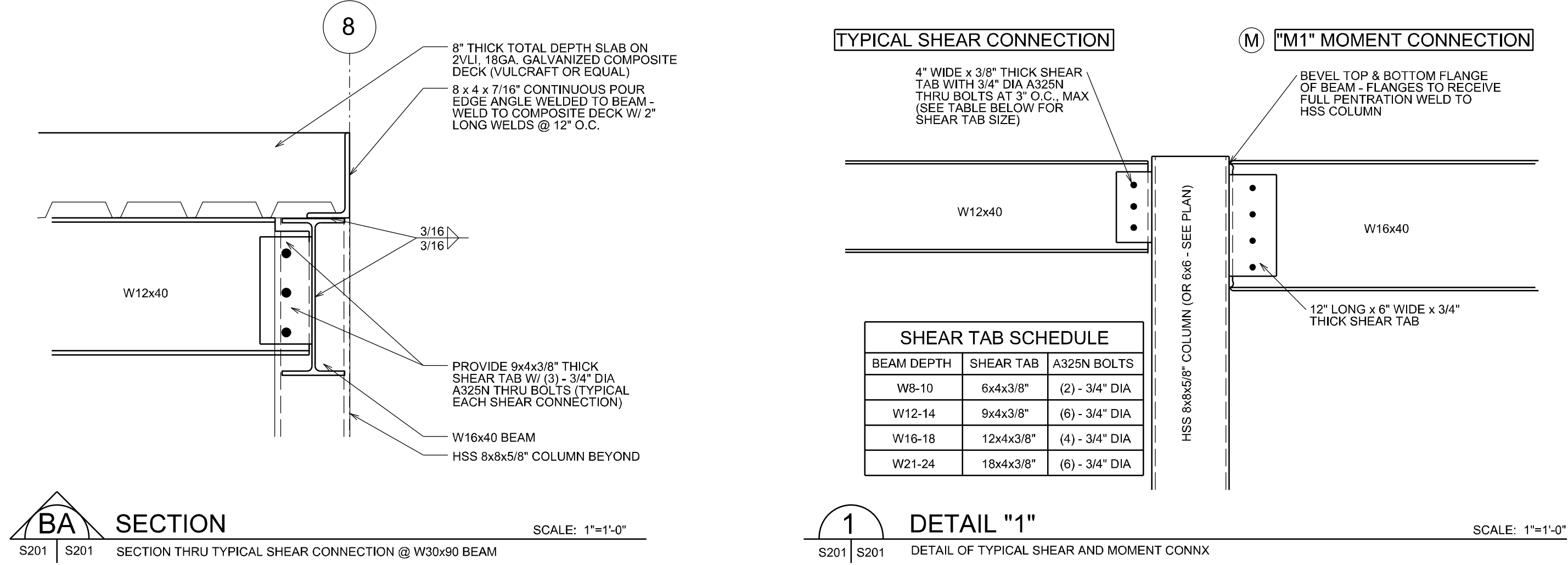
MEZZANINE FRAMING PLAN & PARTIAL HVAC SUPPORT PLAN

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

1. MEZZANINE FRAMING DESIGNED FOR THE FOLLOWING LOADS:
- 100 PSF - DEAD AND COLLATERAL LOADS
 - 125 PSF - LIVE LOAD
2. (M) DENOTES BEAM TO COLUMN "MOMENT" CONNECTION

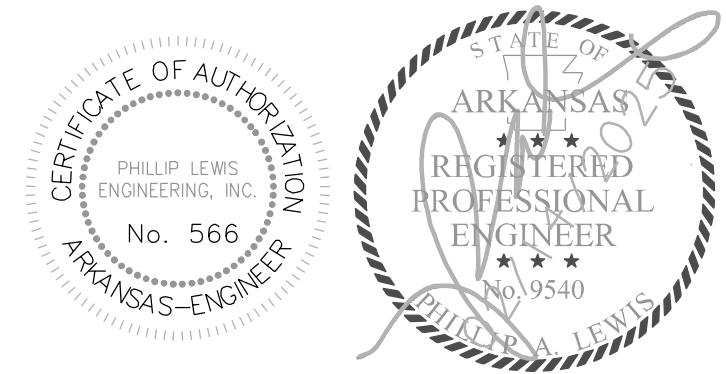
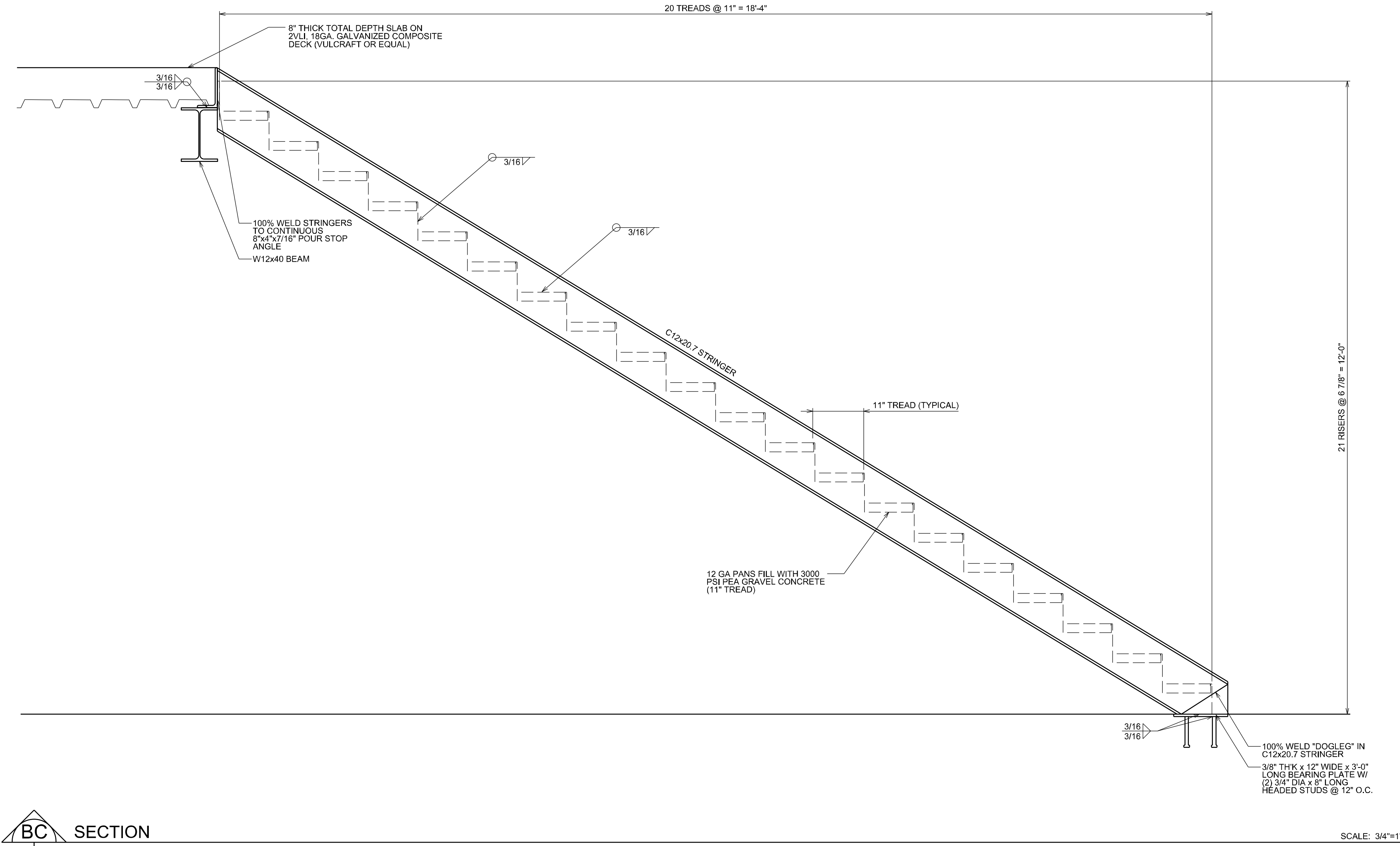
STRUCTURAL NOTES

- A. STRUCTURAL STEEL
- ROLLED AND BUILT UP SECTIONS:
 - WB'S THRU W36's - A572 GRADE 50
 - PIPES - A53 - 35 KSI
 - TUBES - A500 GRADE B - 46 KSI
 - BUILT-UP SHAPES - AS INDICATED
 - ALL ELSE - A36 - 36 KSI OR A572 GRADE 50
 - 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, 3TH EDITION, FOR TS AND PIPE CONNECTIONS
 - USE CONNECTIONS FROM AISC HOLLOW STRUCTURAL SECTIONS CONNECTIONS MANUAL
 - MINIMUM THICKNESS: ANGLES 5/16", PLATES 3/8"
 - 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



HANGING HVAC STRUCTURE DETAIL

SCALE: 1/2" = 1'-0"



PROJECT TITLE

CRAIGHEAD ELECTRIC
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MEZZANINE FRAMING PLAN

REVISIONS

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3	04/03/25	POST BID ADD #1

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CRAIGHEAD ELECTRIC

MAINTENANCE SHOP ADDITION

4314 STADIUM BLVD.
JONESBORO, ARKANSAS

ISSUE SET
FOR CONSTRUCTION
FEBRUARY 14, 2025

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WDD ARCHITECTS
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NORTH LITTLE ROCK, ARKANSAS 72118
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STRUCTURAL ENGINEER
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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

03/20/25 1:21:17 PM - AutoCAD 2024 (Craighead Electric Maintenance Shop 24-096) - Craighead Electric Maintenance Shop 24-096



PROJECT LOCATION

WDD ARCHITECTS

ARCHITECTS-INTERIOR DESIGN-PLANNERS
5050 NORTSHORE LANE
NORTH LITTLE ROCK, ARKANSAS 72118
PH. # (501)376-6681
EMAIL: wdd@wddarchitects.com

I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATIONS
HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION.
I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE
THESE PLANS AND SPECIFICATIONS ARE AS REQUIRED BY
LAW AND IN COMPLIANCE WITH THE ARKANSAS FIRE
PREVENTION CODE FOR THE STATE OF ARKANSAS.

SIGNATURE

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T111	ARCHITECTURAL ABBREVIATIONS NOTES AND LEGENDS
T120	LIFE SAFETY PLAN AND CODE INFORMATION
CIVIL	
C001	SITE PLAN - MAINTENANCE SHOP
C002	UTILITY PLAN - MAINTENANCE SHOP
ARCHITECTURAL	
D110	DEMOLITION PLAN
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A101	ENLARGED ARCHITECTURAL SITE PLAN AND SITE DETAILS
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A120	NOTED FLOOR PLAN
A130	REFLECTED CEILING PLAN
A150	ROOF PLAN
A201	EXTERIOR ELEVATIONS
A310	BUILDING SECTIONS
A320	WALL SECTIONS
A321	WALL SECTIONS
A322	EXTERIOR DETAILS
A330	PARTITION TYPES, DETAILS AND INTERIOR DETAILS
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A611	FURNITURE, FIXTURES, AND EQUIPMENT PLAN AND SCHEDULES
A620	WINDOW LEGEND, DOOR SCHEDULE & DETAILS
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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
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4314 STADIUM BLVD.
JONESBORO, ARKANSAS

REVISIONS

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DATE

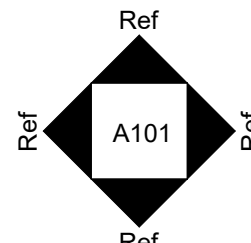


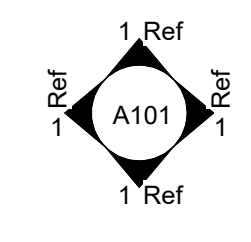

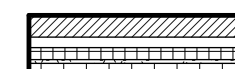
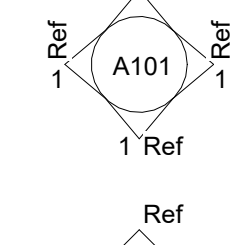


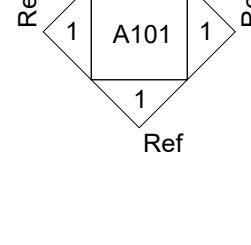
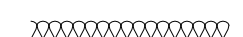

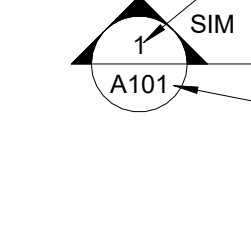
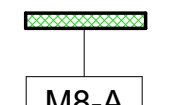
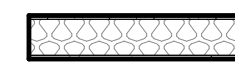
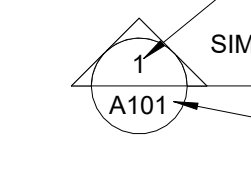
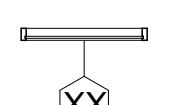
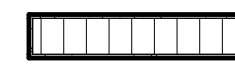
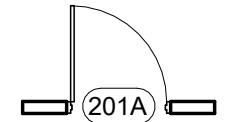
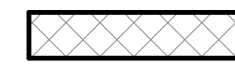
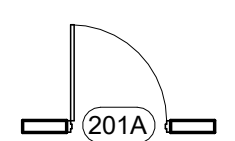

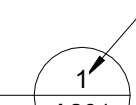
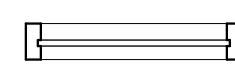



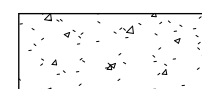


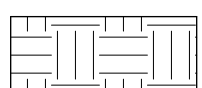
ISSUE

T110

SHEET



MATERIALS & SYMBOLS LEGEND

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

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°

TYP. LIGHT SWITCH MOUNTING LOCATION

6'-0" MIN.

3'-6"

ELEVATOR CALL BUTTONS, VISIBLE SIGN & TACTILE SIGN

5'-0"

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 43 7/8"

A2 6" 6" 10" 10" RESTROOM 43 7/8"

B 6" 4" 10" 10" CONFERENCE ROOM 123 43 7/8" 43 7/8" 10 1/2" 10 1/2" 43 7/8"

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 43 7/8"

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

DATE _____

T111

NO.	DATE	DESCRIPTION
1	03/06/25	ADD #1
2	04/03/25	POST BID ADD #1

24-096

JOB, NO.

02.14.2025

DATE

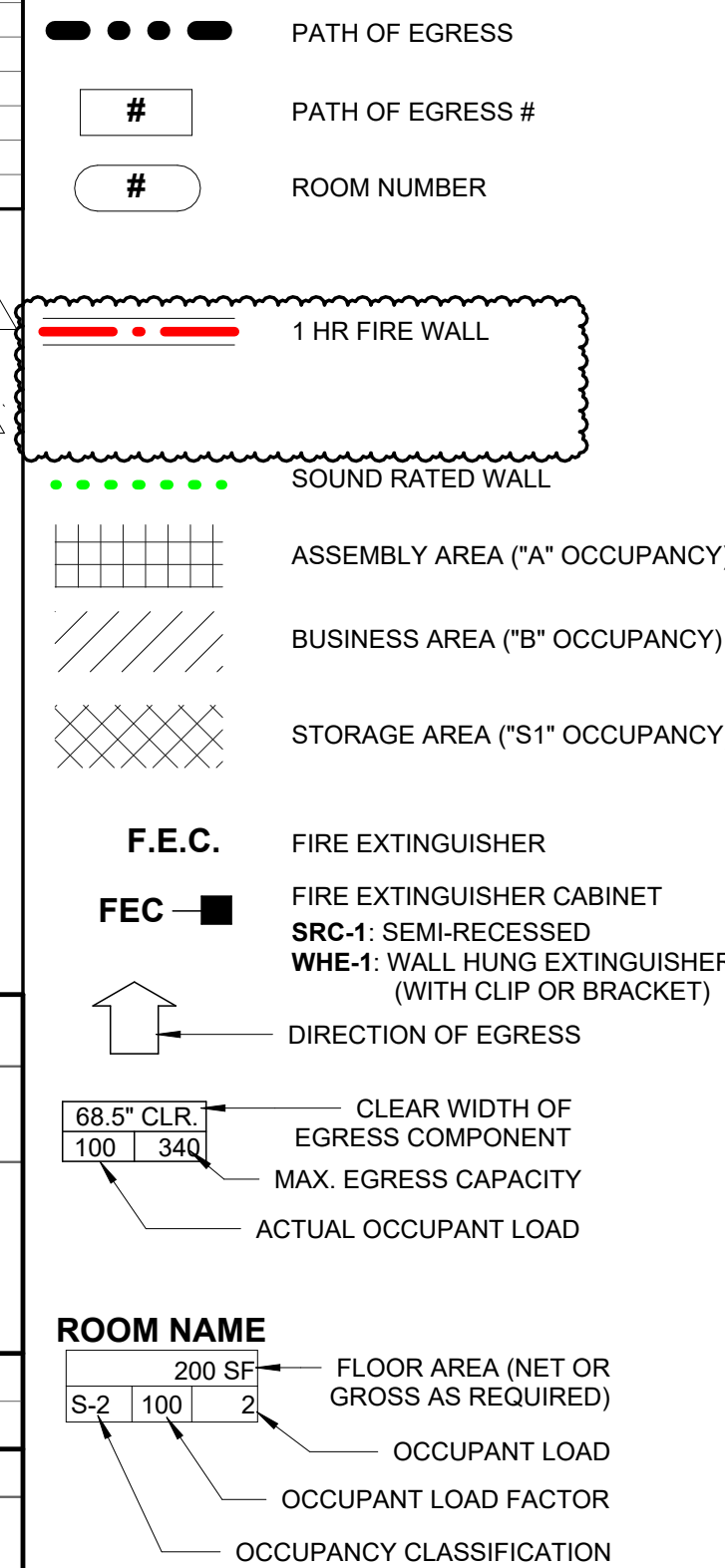
ISSUE

T120

OCCUPANCY CALCULATIONS					
OCCUPANCY	AREA	OCCUPANT LOAD FACTOR	AREA OCCUPANCY	EGRESS INCHES PER OCCUPANT	EGRESS REQ'D INCHES
FINISHED FLOOR					
ASSEMBLY	814 SF	15 SF	54	0.20	10.9
BUSINESS	2,256 SF	150 SF	15	0.20	3.0
STORAGE	12,398 SF	300 SF	41	0.20	8.3
MEZZANINE	15,468 SF		111		22.1
STORAGE	1,418 SF	300 SF	5	0.20	0.9
MEZZANINE	1,418 SF				
TOTAL	16,886 SF		115		23.1

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"

LIFE SAFETY SYMBOL LEGEND



PLUMBING FIXTURE COUNT						
	OCCUPANCY LOAD	WATERCLOSETS		LAVATORIES		DRINKING FOUNTAINS
		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	1	2	1	2

PLUMBING FIXTURE NOTES:

- PER TABLE 403.1 OF 2018 ARKANSAS PLUMBING CODE
- PER SECTION 403.2, WHERE PLUMBING FIXTURES ARE REQUIRED, SEPARATE FACILITIES SHALL BE PROVIDED FOR EACH SEX.

CODE NOTES

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: 2

OCCUPANCY CLASSIFICATION:
GROUP S1 OCCUPANCY PRIMARY
GROUP B OCCUPANCY
GROUP A 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 ALLOWABLE SQ FT FOR MEZZANINE

ACTUAL AREA:
FIRST FLOOR (EXIST.) TRUCK SHED: 9,543 SQ FT
FIRST FLOOR SHOP: 13,125 SQ FT
FIRST FLOOR WASH BAY: 2,668 SQ FT
FIRST FLOOR TOTAL: 25,336 SQ FT
MEZZANINE LEVEL: 532 SQ FT

SEPARATION:
PER TABLE 508.4 REQUIRED SEPARATION OF OCCUPANCIES (HOURS) FOR 'S' SPRINKLERED

S-1 TO S-1: 'N' NO SEPARATION REQUIRED.
S-1 TO B: 'N' NO SEPARATION REQUIRED.
B TO A: '1' 1 HOUR SEPARATION REQUIRED.
1 HOUR SEPARATION PROVIDED.

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 = 250' (SPRINKLERED)
DEAD END CORRIDORS < 60' PER 1020.5

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

