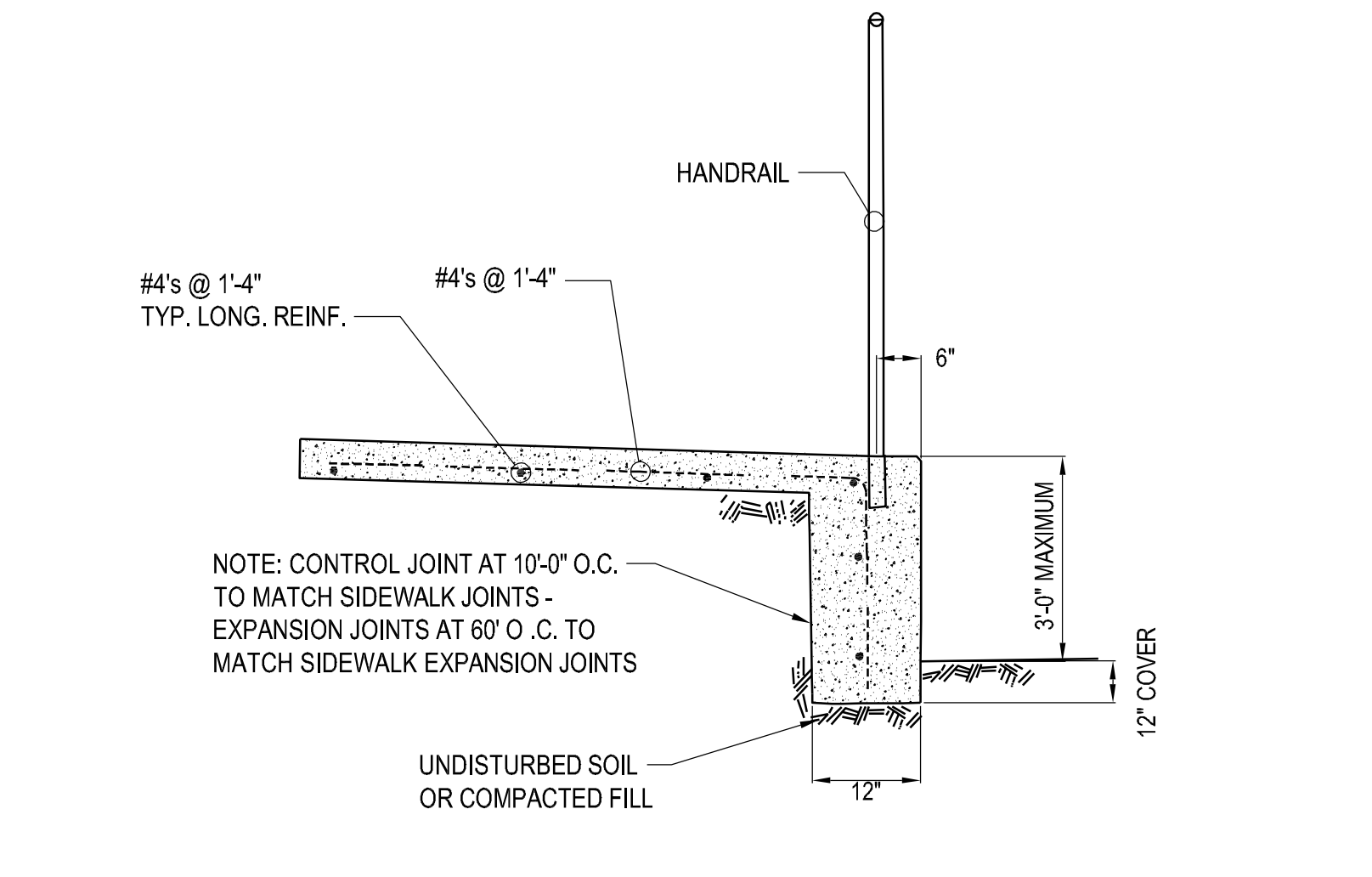
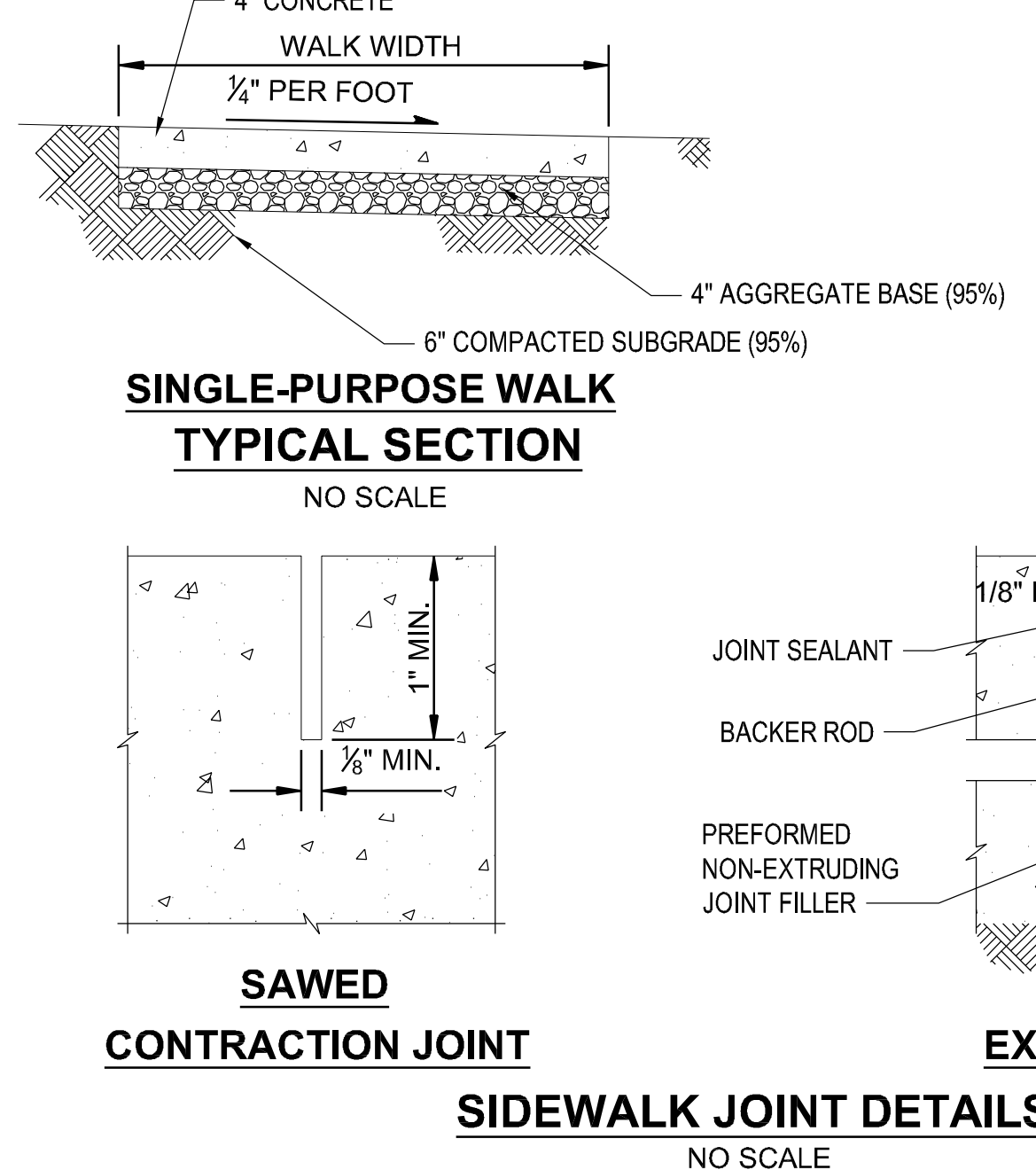


NOTES:  
 1. FOR WALK CONSTRUCTION, SPACE JOINTS AT WALK WIDTH TO 8'  
 2. SPACE E.J.'S FOR WALKS AT ALL ABUTTING CONSTRUCTION, AT CORNER RETURNS, AND AT EVERY 10TH. C.J.

**1 CONCRETE JOINT DETAILS**  
 NOT TO SCALE



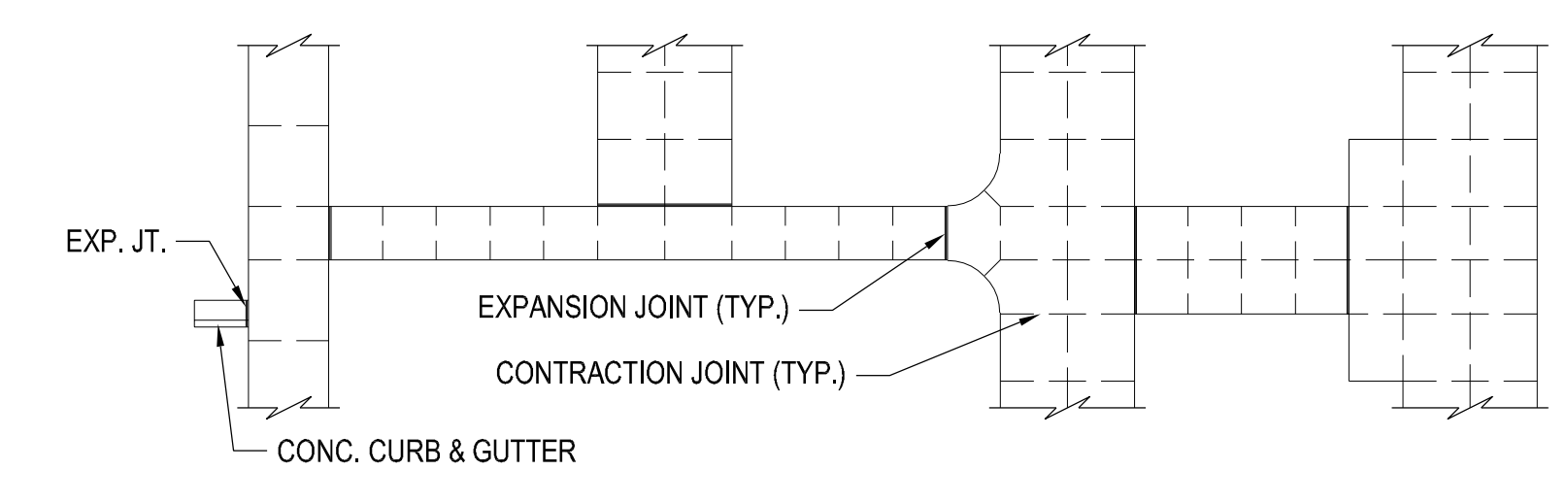
**2 TURN-DOWN SIDEWALK DETAIL**  
 NOT TO SCALE



**SINGLE-PURPOSE WALK TYPICAL SECTION**  
 NO SCALE

WALK WIDTH	CONTRACTION JOINT SPACING		EXPANSION JOINT SPACING
	TRANSVERSE	LONGITUDINAL	
4'	4'	NOT REQUIRED	40' MAX.
6'	6'	NOT REQUIRED	42' MAX.
8'	4'	4'	40' MAX.

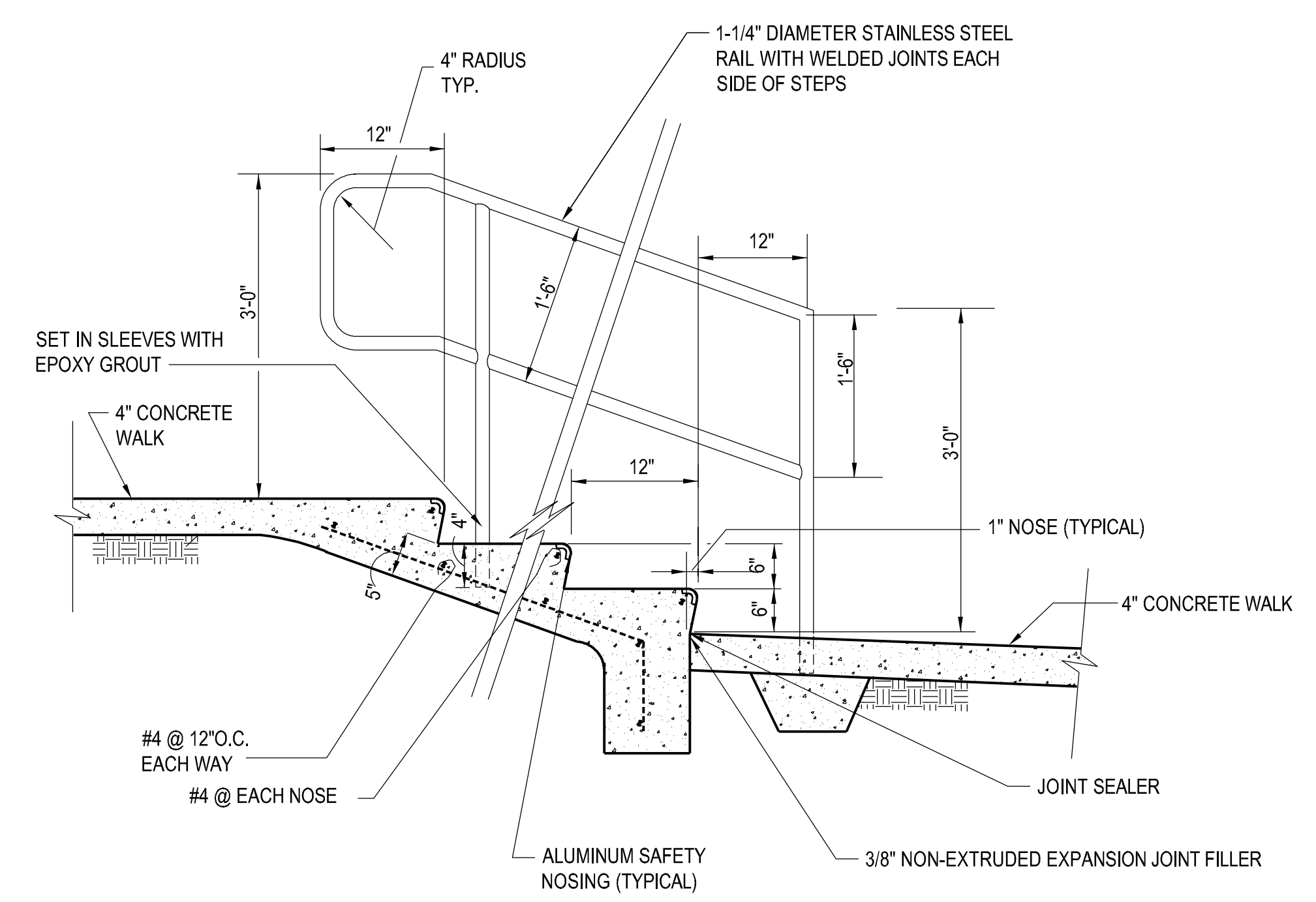
NOTES:  
 1. TRANSVERSE EXPANSION JOINTS SHALL BE CONTINUOUS THROUGH BOTH WALK AND CURB WHERE WALK ABUTS CONCRETE CURB AND GUTTER.  
 2. EXPANSION JOINTS SHALL NOT BE REQUIRED BETWEEN CURBS THAT ABUT THE SIDEWALK LONGITUDINALLY.



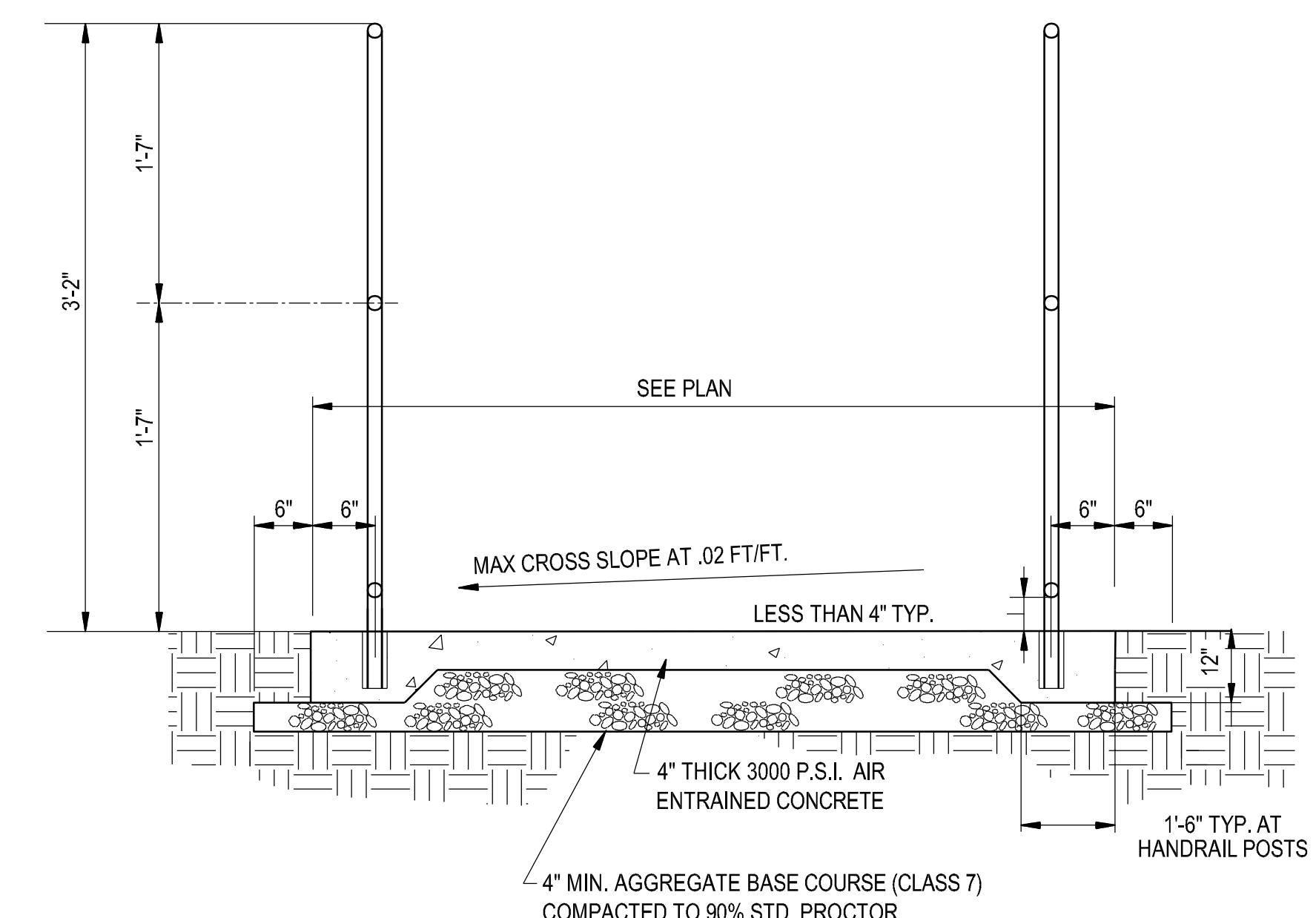
**TYPICAL SIDEWALK JOINT LAYOUT PLAN**  
 NO SCALE

NOTES:  
 1. DEPTH OF SEALANT SHALL BE AS RECOMMENDED BY THE MANUFACTURER.

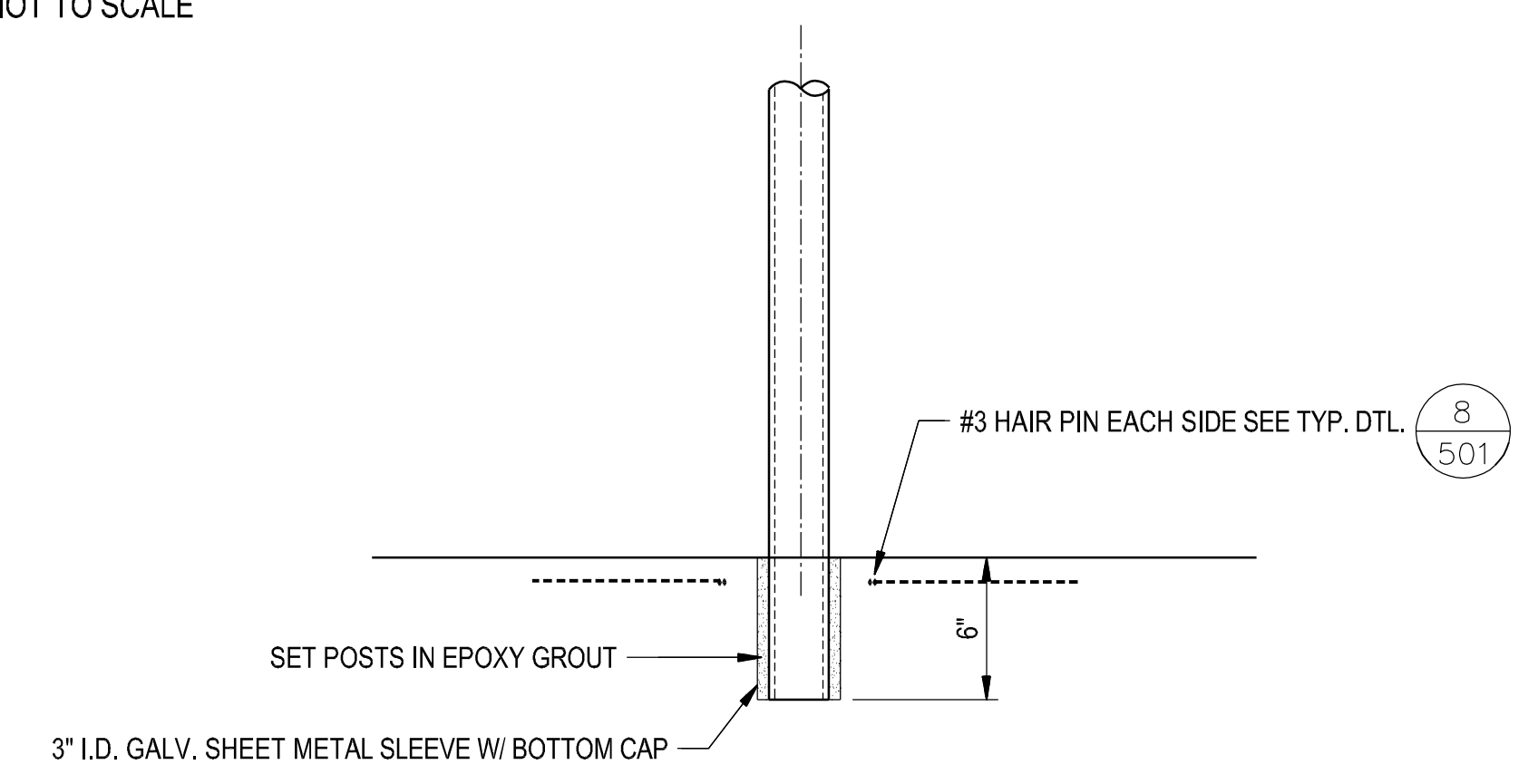
**3 SIDEWALK DETAILS**  
 NOT TO SCALE



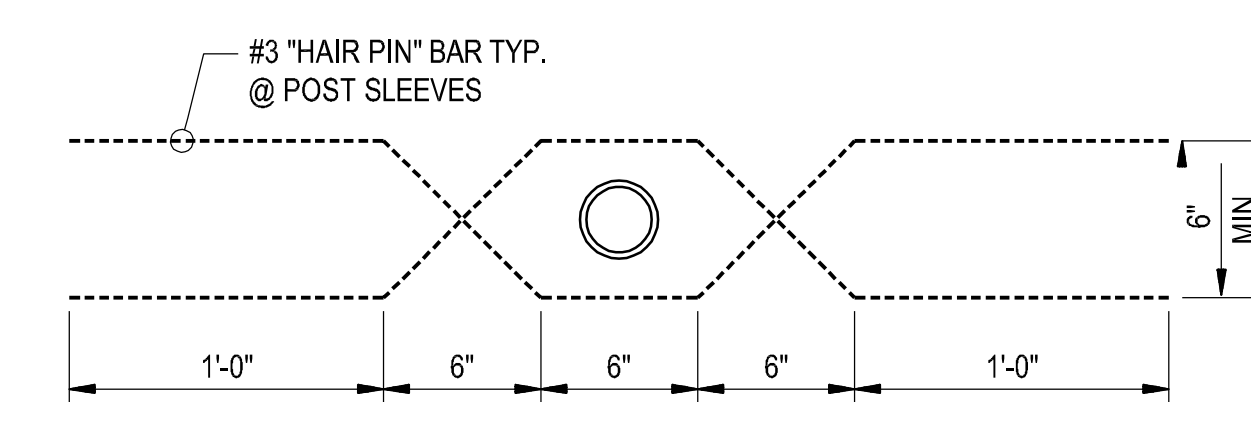
**4 WALK STEPS DETAIL**  
 NOT TO SCALE



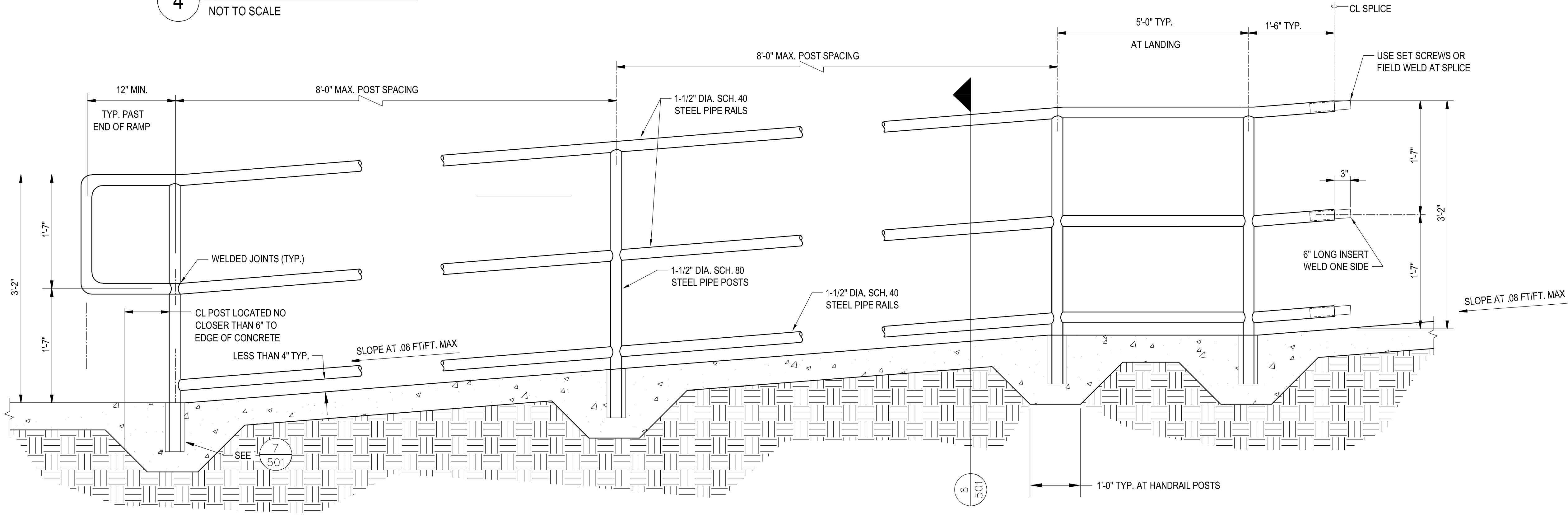
**6 SIDEWALK DETAIL ON RAMP**  
 NOT TO SCALE



**7 TYPICAL STEEL PIPE HANDRAIL EMBED DETAIL**  
 NOT TO SCALE



**8 HAIRPIN DETAIL**  
 NOT TO SCALE



**5 TYPICAL STEEL PIPE HANDRAIL AT RAMP**  
 NOT TO SCALE







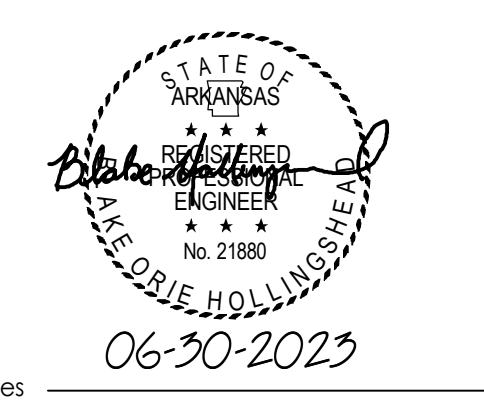
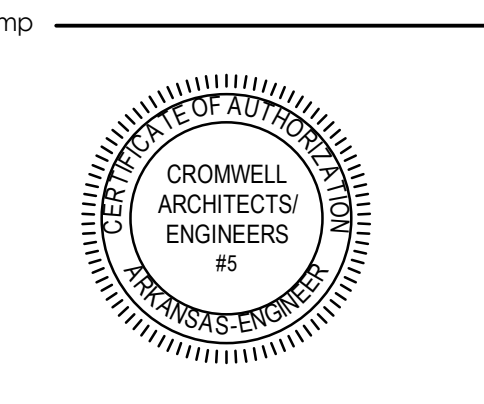


**NWACC ITSTI BIKE LAB**  
 NORTHWEST ARKANSAS COMMUNITY COLLEGE  
 1 COLLEGE DRIVE  
 BENTONVILLE, ARKANSAS 72712

Design Phase  
**CONSTRUCTION DOCUMENTS**

Revisions

No.	Date	Description



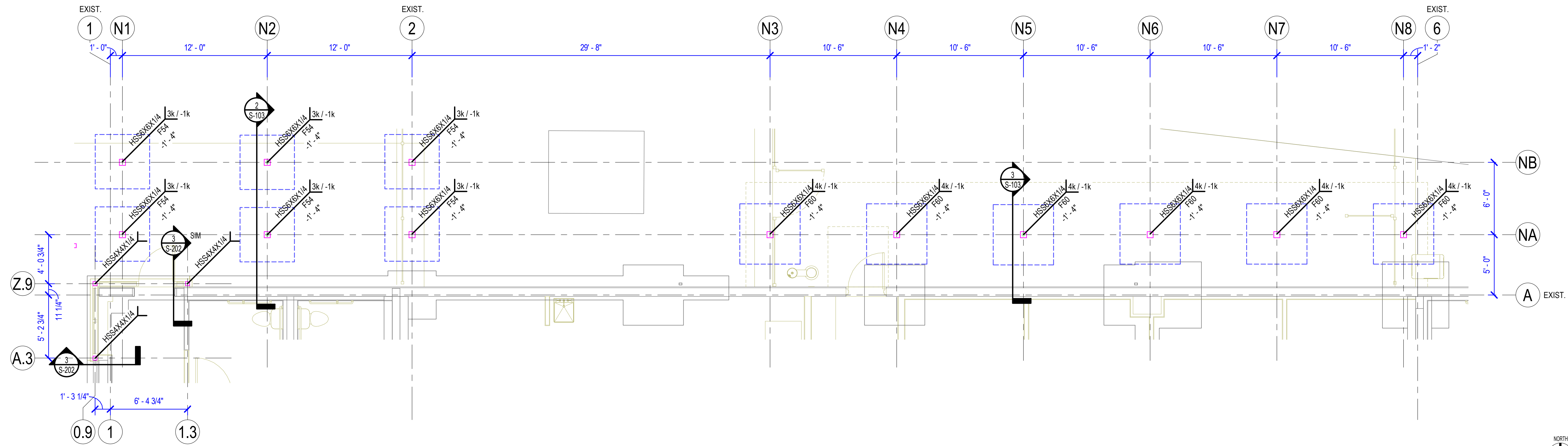
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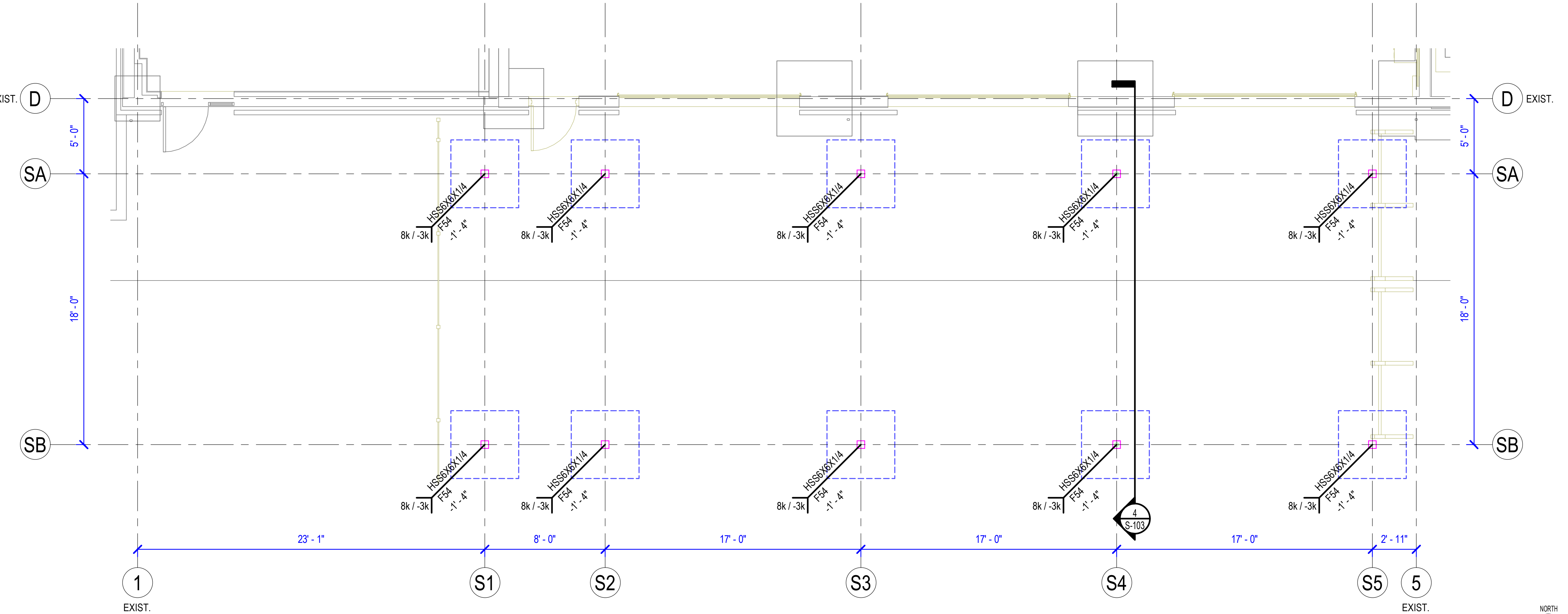
**ENLARGED CANOPY FOUNDATION PLANS**

Sheet Number

**S-102**



**1 ENLARGED CANOPY FOUNDATION PLAN NORTH**  
 1/4" = 1'-0"



**2 ENLARGED CANOPY FOUNDATION PLAN SOUTH**  
 1/4" = 1'-0"

**PLAN NOTES:**  
 1. SEE S-101 FOR LEGEND.  
 2. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.

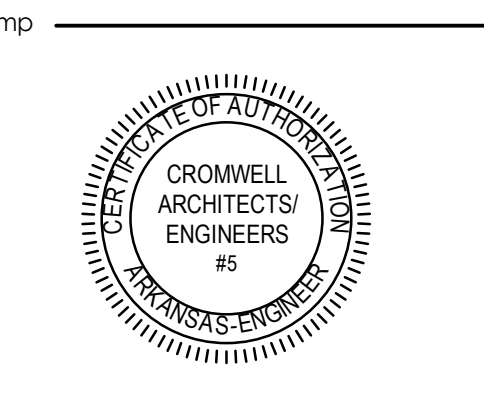


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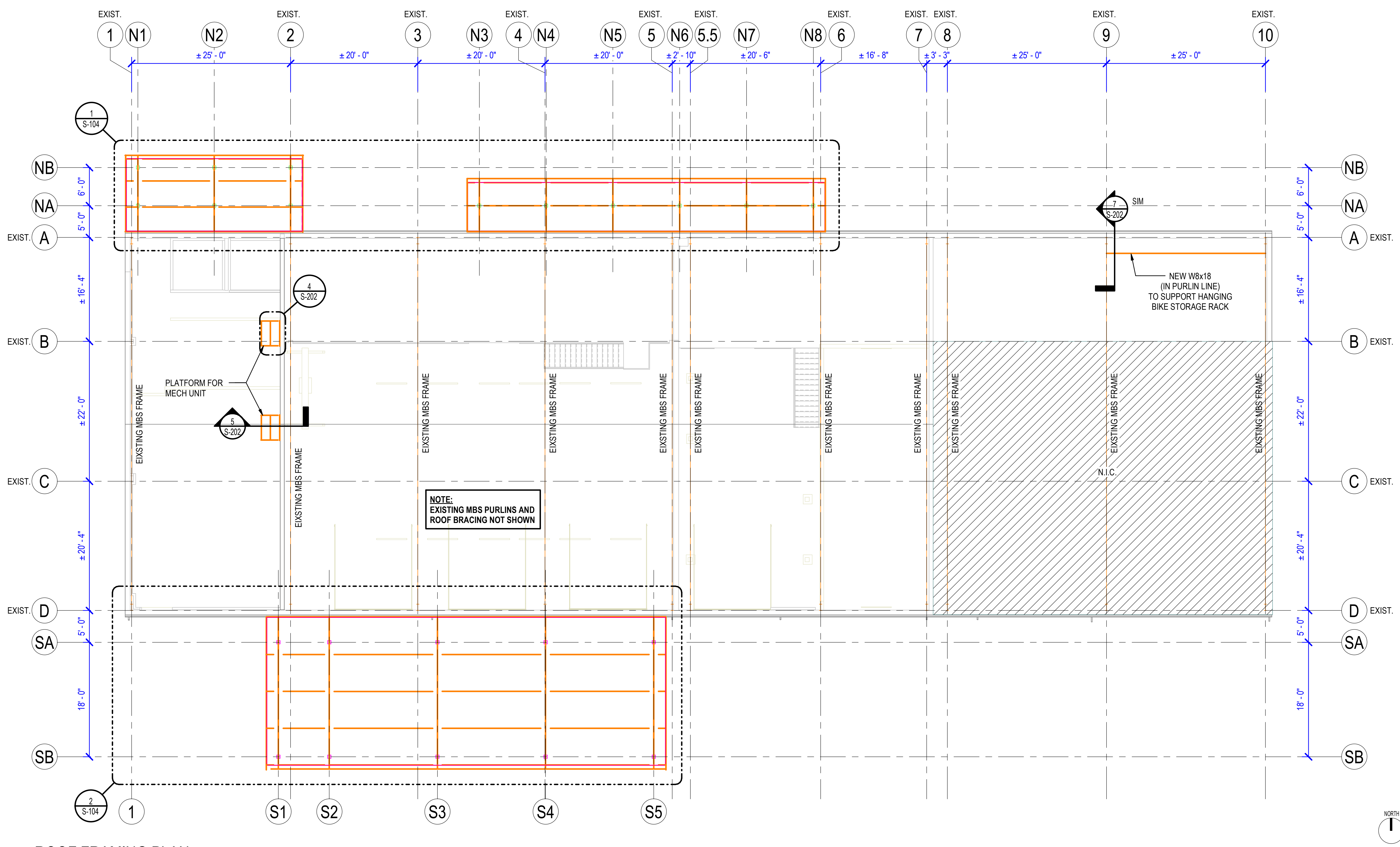
Stamp  
CROMWELL ARCHITECTS ENGINEERS, INC.  
STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEERS  
Dale Hollinsworth  
06-30-2023

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Sheet Title **06-30-2023**

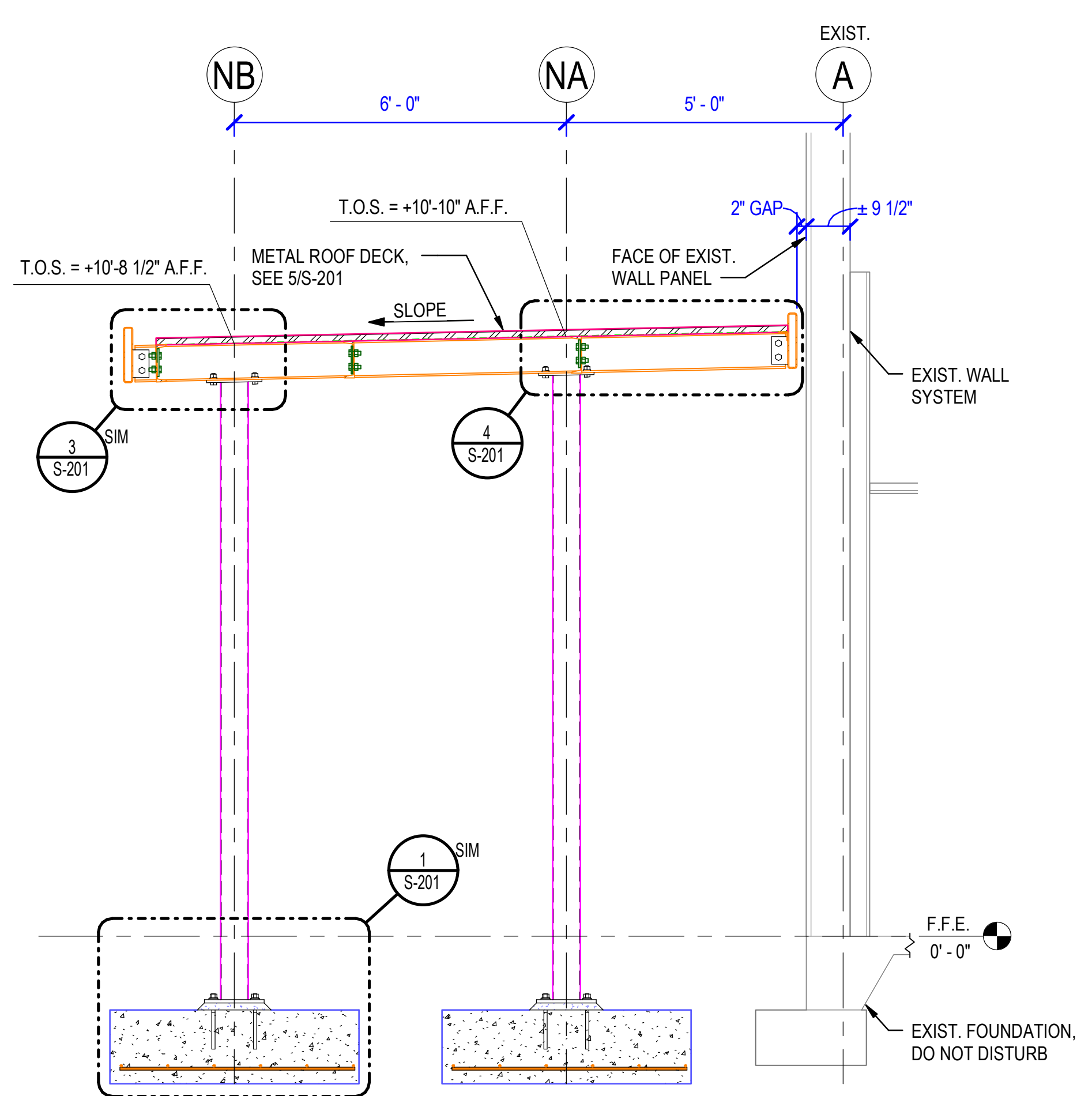
**ROOF FRAMING PLAN**

Sheet Number

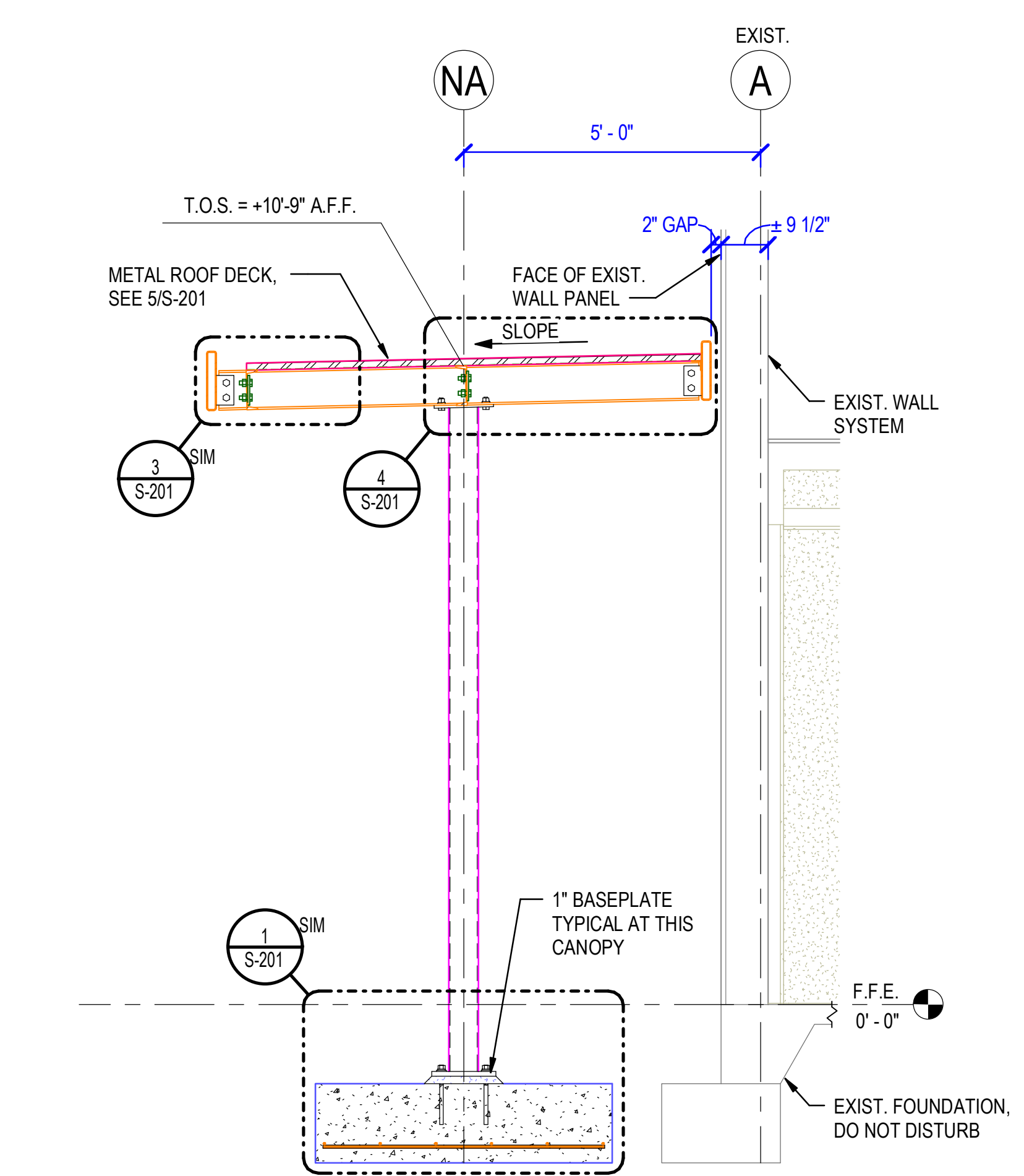
**S-103**



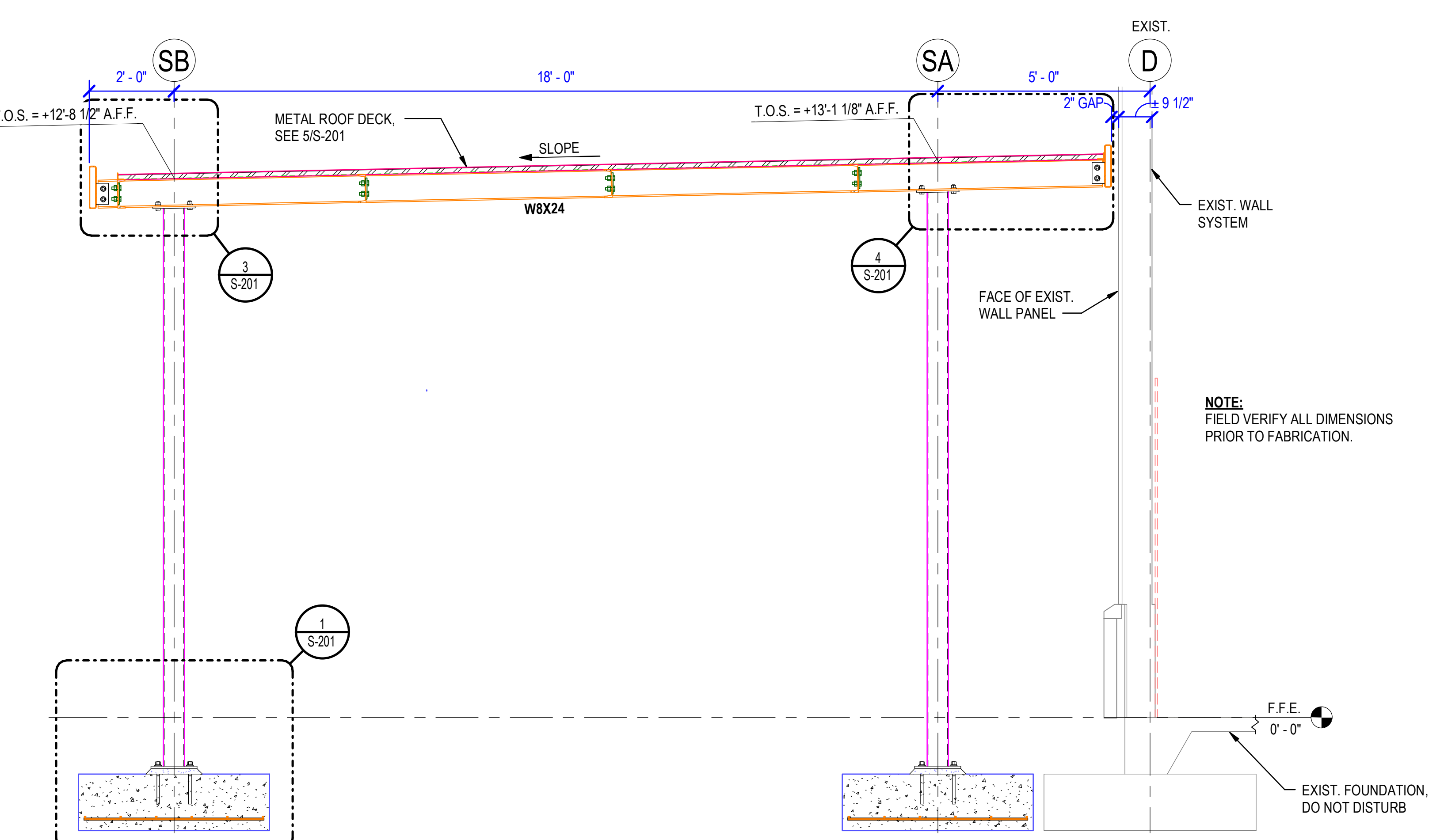
**1 ROOF FRAMING PLAN**  
1/8" = 1'-0"



**2 SECTION AT NORTHWEST CANOPY**  
1/2" = 1'-0"



**3 SECTION AT NORTHEAST CANOPY**  
1/2" = 1'-0"



**4 SECTION AT SOUTH CANOPY**  
1/2" = 1'-0"







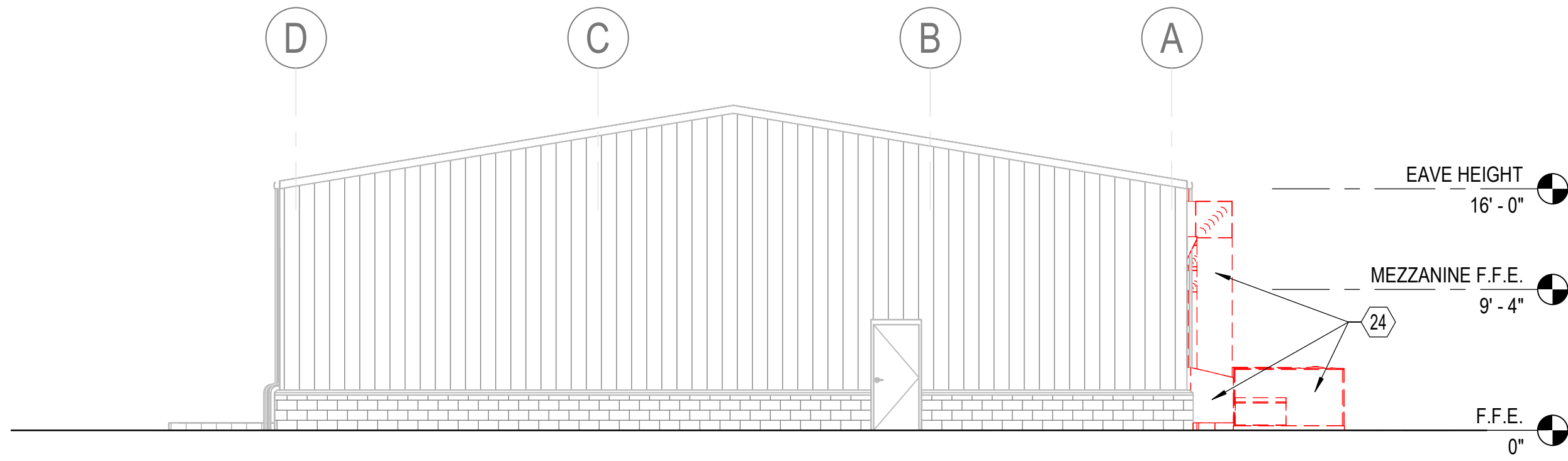




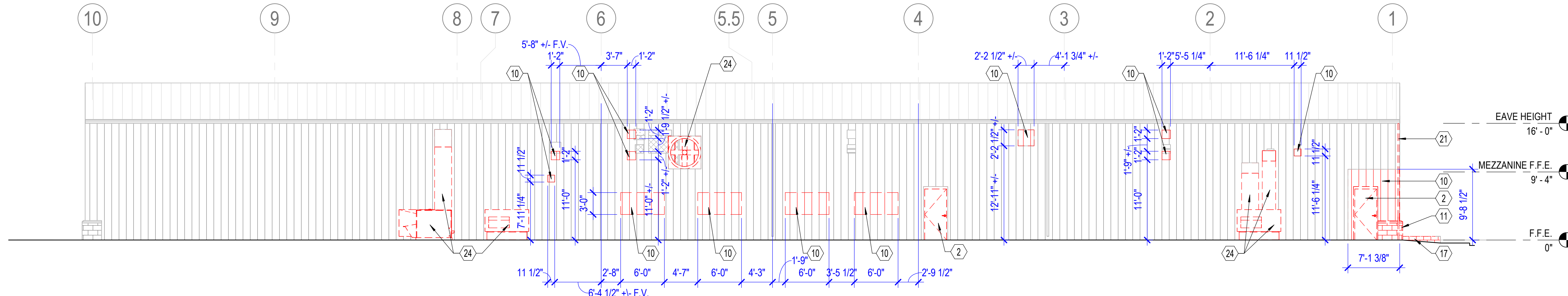
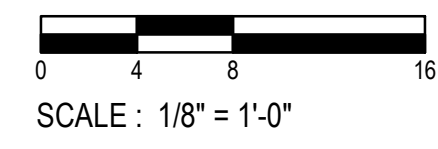




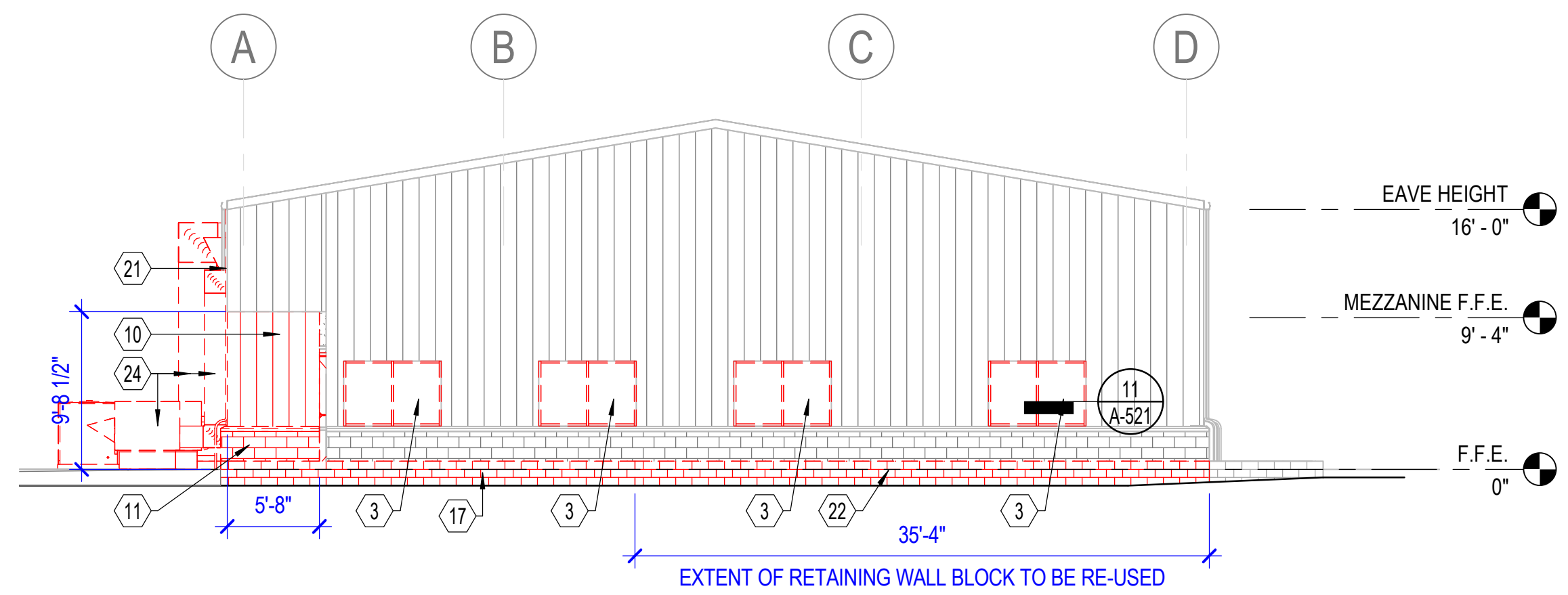
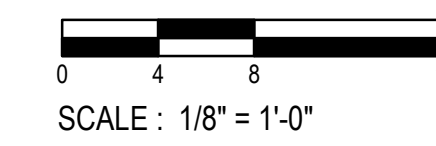




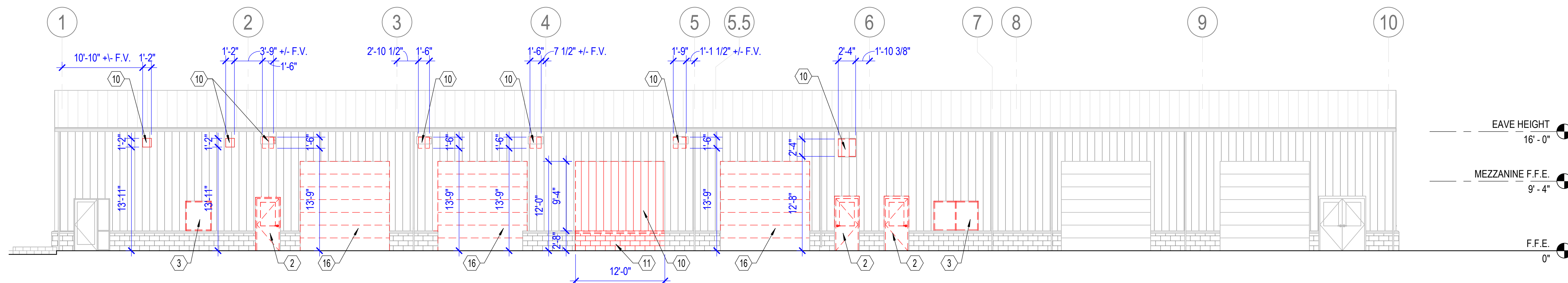
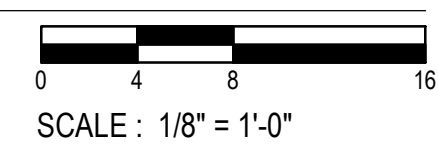
**4** DEMOLITION ELEVATION - EAST  
 1/8" = 1'-0"



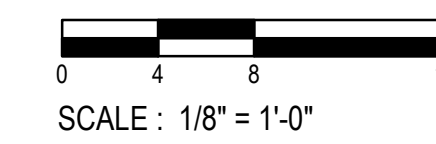
**3** DEMOLITION ELEVATION - NORTH  
 1/8" = 1'-0"



**2** DEMOLITION ELEVATION - WEST  
 1/8" = 1'-0"



**1** DEMOLITION ELEVATION - SOUTH  
 1/8" = 1'-0"



DEMOLITION KEY NOTES	
NUMBER	DESCRIPTION
1	REMOVE SIN
2	REMOVE H.M. DOOR(S) AND FRAME(S)
3	REMOVE WINDOWS
4	REMOVE H.M. DOOR AND FRAME. PROTECT FOR RE-USE AS NOTED ON SHEET A101
5	REMOVE PORTION OF CMU WALL TO 7'-4" A.F.F
6	REMOVE ALL RESTROOM ACCESSORIE. PATCH AND REPAIR WALL WHERE ACCESSORIES WERE REMOVED
7	REMOVE FLOOR FINISHES. REPAIR AND PREP SLAB FOR NEW FINISH
8	REMOVE PLYWOOD FLOORING AND STEEL ANGLE ATTACHED TO CM. PATCH AND REPAIR CMU FOR NEW CONSTRUCTION
9	REMOVE PLYWOOD
10	REMOVE PORTION OF PEMB METAL PANEL AND INSULATION
11	REMOVE PORTION OF CMU WAINSCOT AT NEAREST JOINT AND PRECAST CONCRETE CAP ON TO
12	REMOVE PORTION OF CONCRETE SLAB AT OVERHEAD DOOR
13	REMOVE ELECTRIC WATER COOLER
14	REMOVE PORTION OF INTERIOR METAL STUD WAL. EXTENT OF WALL REMOVAL IS 3'-0" AFF TO 7'-0" AFF
15	REMOVE INTERIOR METAL STUD WALL
16	REMOVE OVERHEAD DOOR, TRACK, AND ASSOCIATED EQUIPMENT. REPAIR AND PREP OPENINGS FOR NEW DOOR
17	REMOVE PORTION OF RETAINING WALL BLOCKS AND FLOWER BE
18	REMOVE CHAIN-LINK FENCING
19	REMOVE UTILITY SINK
21	REMOVE DOWNSPOUT
22	REMOVE PORTION OF RETAINING WALL BLOCKS AND FLOWER BED. RETAINING WALL BLOCKS TO BE STORED AND RE-USED AS NOTED ON SHEET A-101 FLOOR PLAN
23	REMOVE PORTION OF INTERIOR METAL STUD WALL
24	REMOVE MECHANICAL EQUIPMENT AND ASSOCIATED DUCTWORK (IF APPLICABLE). RE: DEMO MECHANICAL

NOTE: NOT ALL OF THE KEYNOTES LISTED ABOVE ARE USED ON THIS SHEET



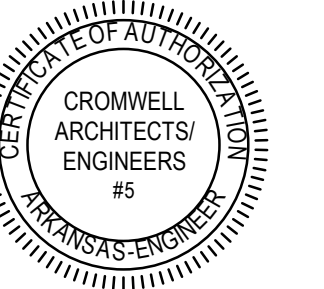
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 NORTHWEST ARKANSAS COMMUNITY COLLEGE  
 1201 S.E. EAGLE WAY  
 BENTONVILLE, ARKANSAS 72712

Design Phase \_\_\_\_\_  
**CONSTRUCTION DOCUMENTS**

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Sheet Title \_\_\_\_\_

Sheet Number \_\_\_\_\_

**DEMOLITION ELEVATIONS**

Sheet Number \_\_\_\_\_

**AD201**











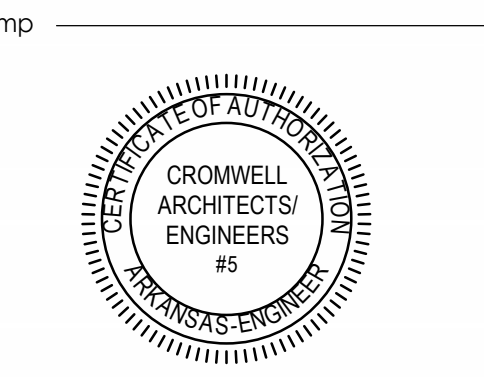


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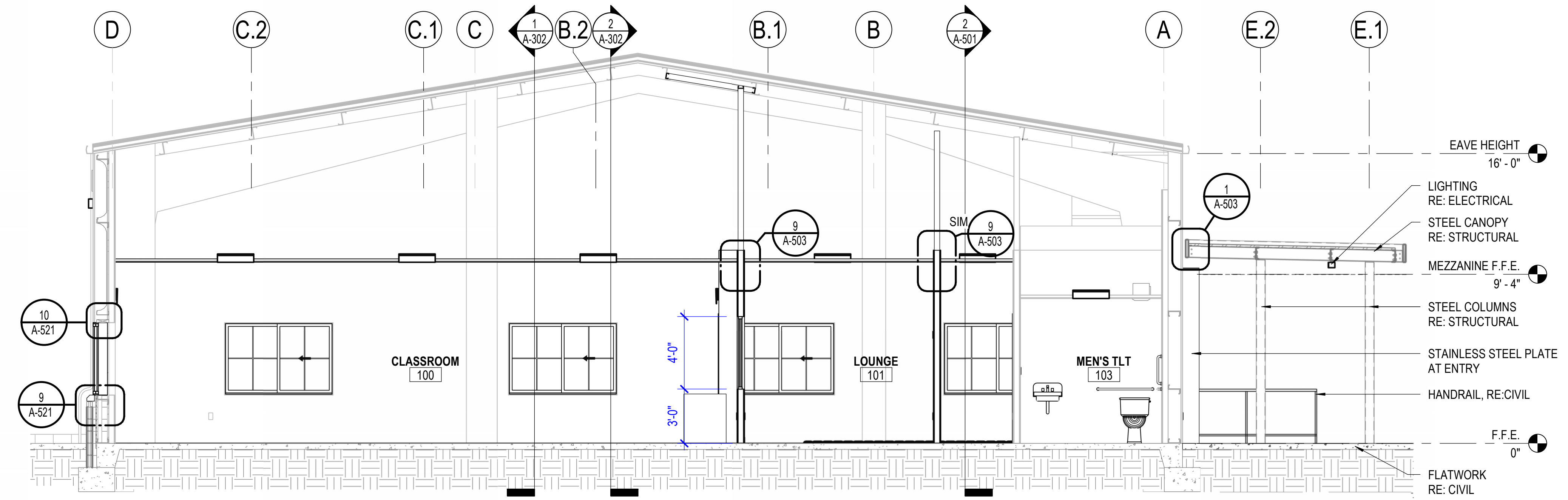
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 Issue Date **06-30-2023**

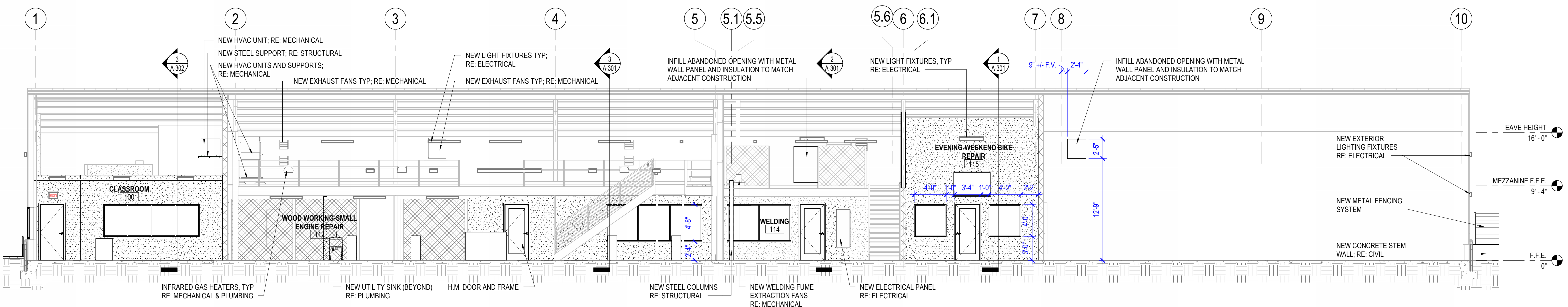
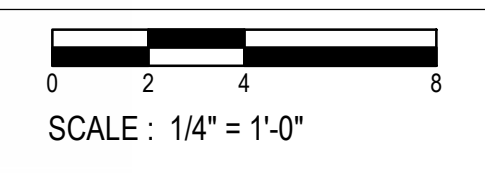
Sheet Title  
**BUILDING SECTIONS**

Sheet Number

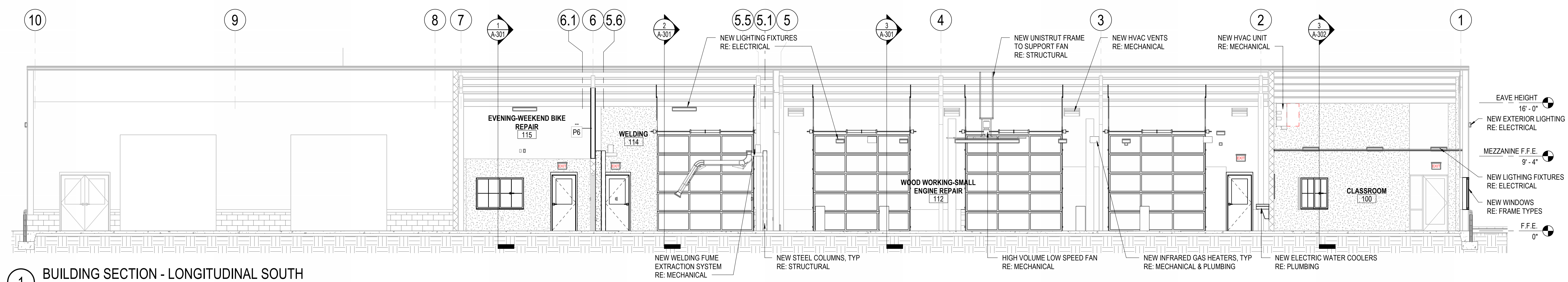
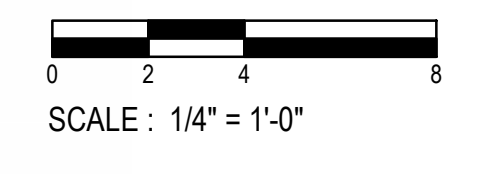
**A-302**



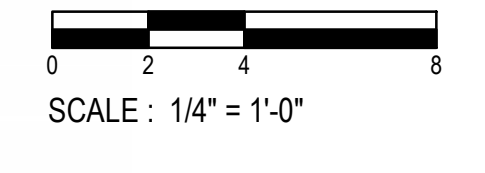
**3 BUILDING SECTION - CLASSROOM**  
 1/4" = 1'-0"



**2 BUILDING SECTION - LONGITUDINAL NORTH**  
 3/16" = 1'-0"



**1 BUILDING SECTION - LONGITUDINAL SOUTH**  
 3/16" = 1'-0"





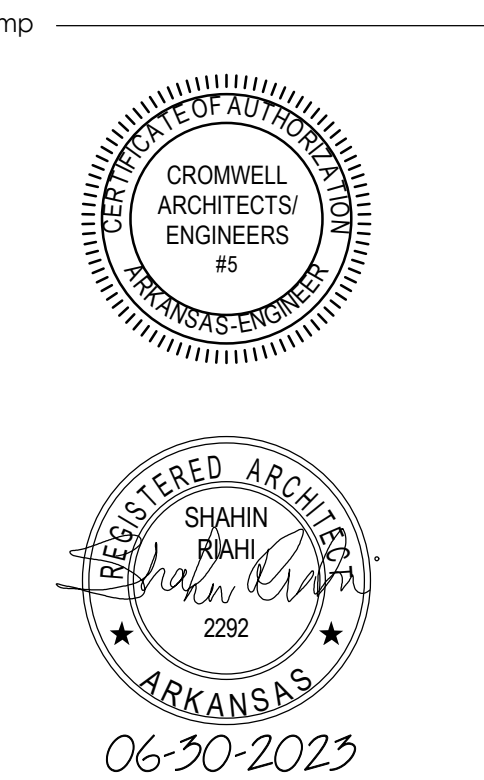


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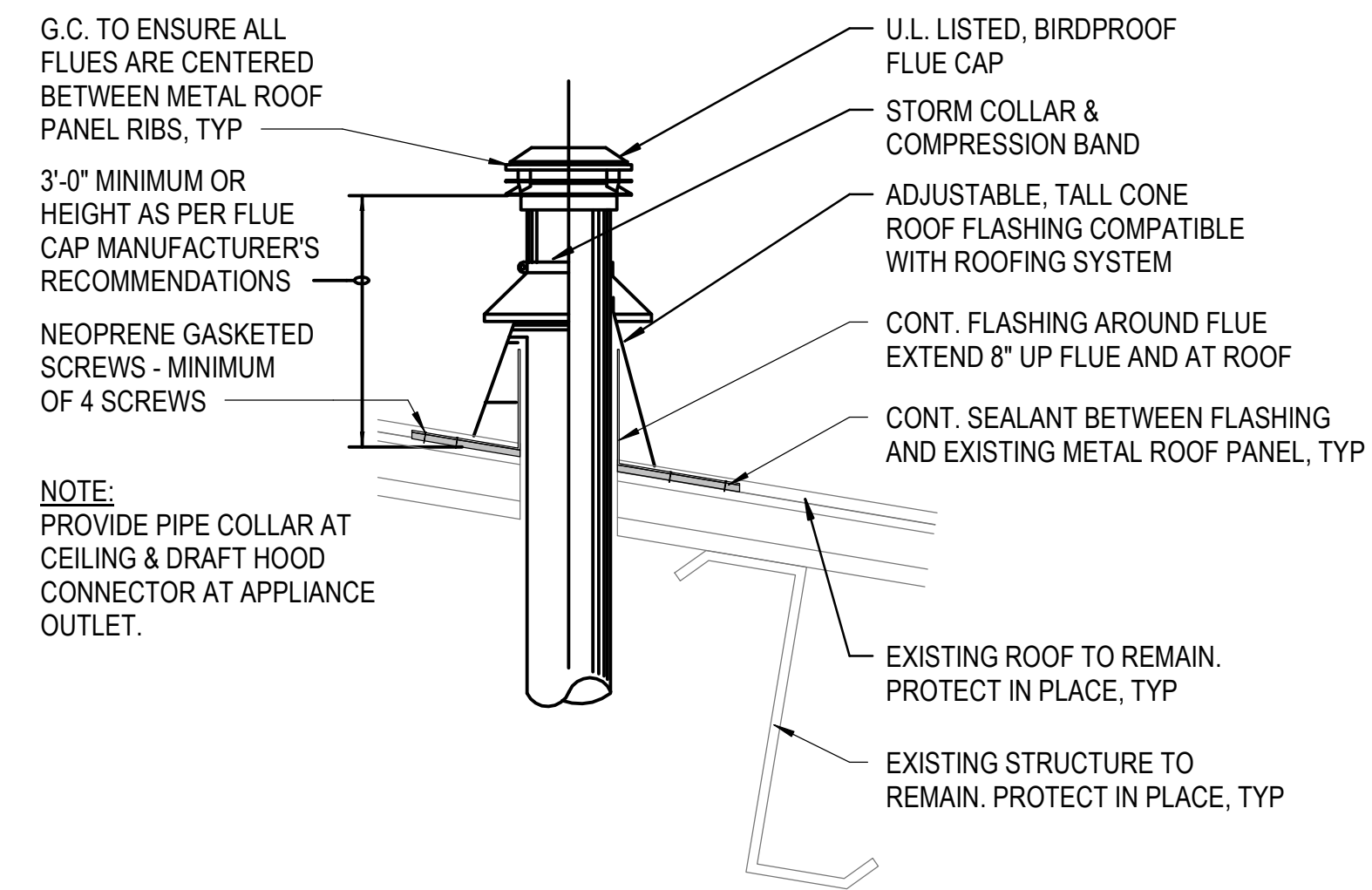


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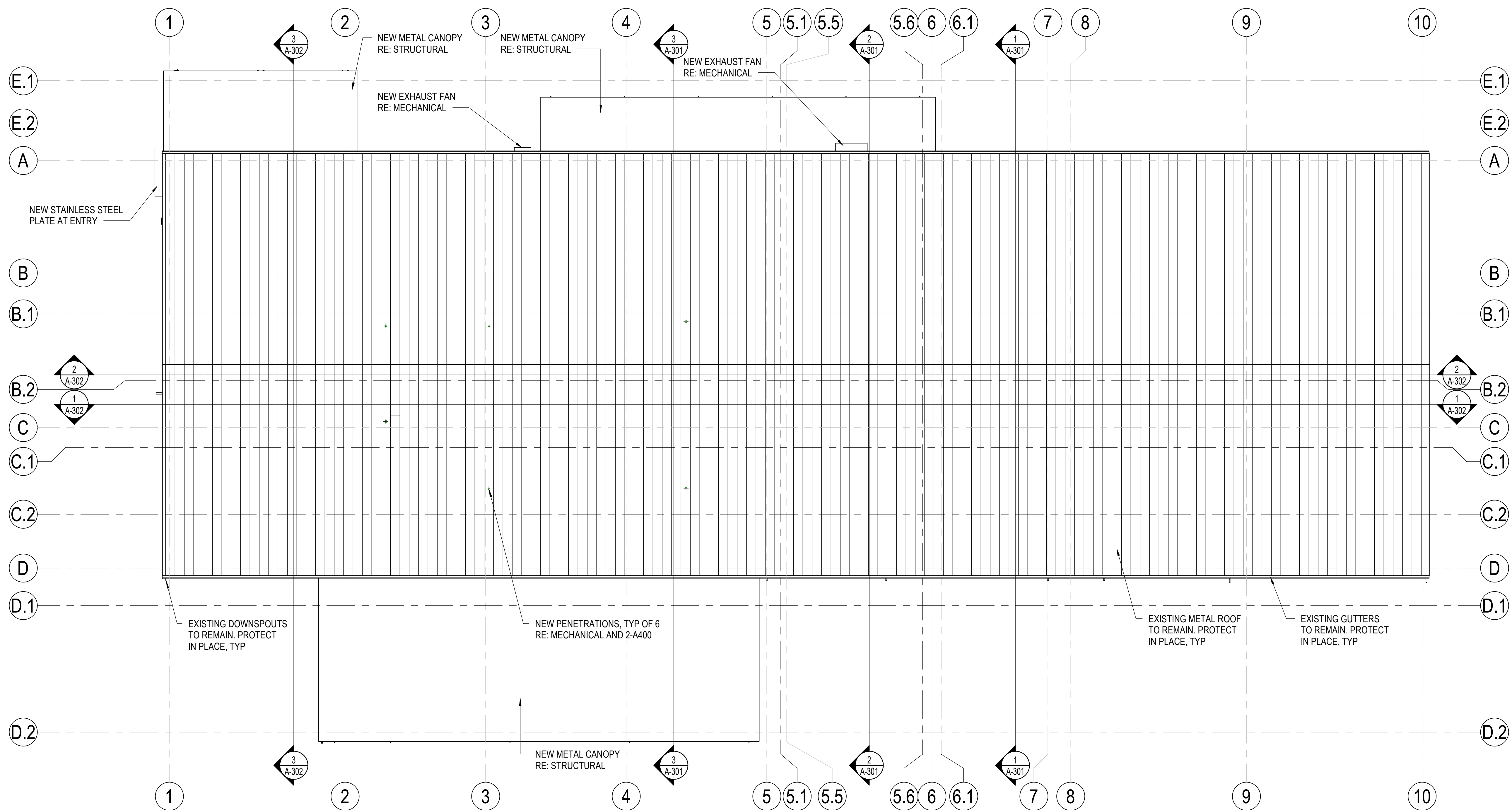
Project Number: **2023-049**  
 Issue Date: **06-30-2023**  
 Sheet Title: **OVERALL ROOF PLAN AND DETAILS**

Sheet Number

**A-400**



**2 FLUE THRU EXISTING ROOF**  
 1/8" = 1'-0"



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









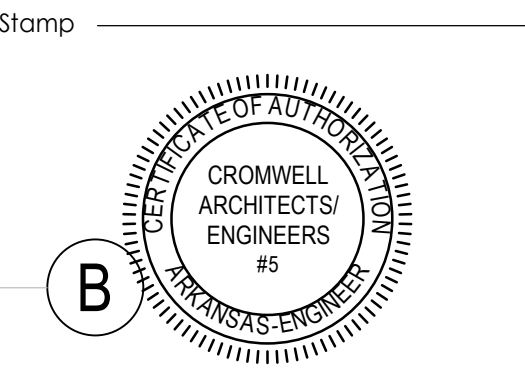


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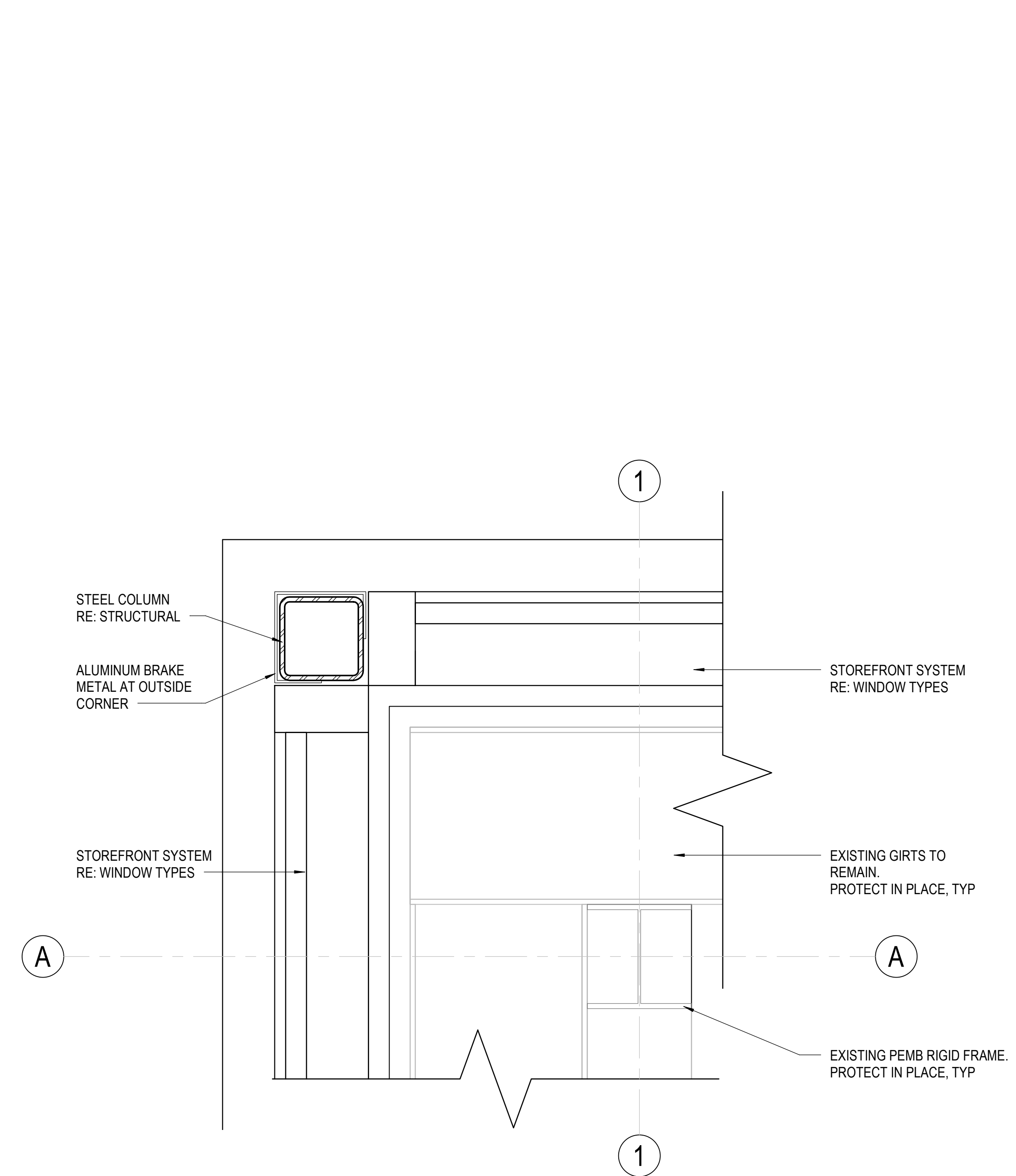
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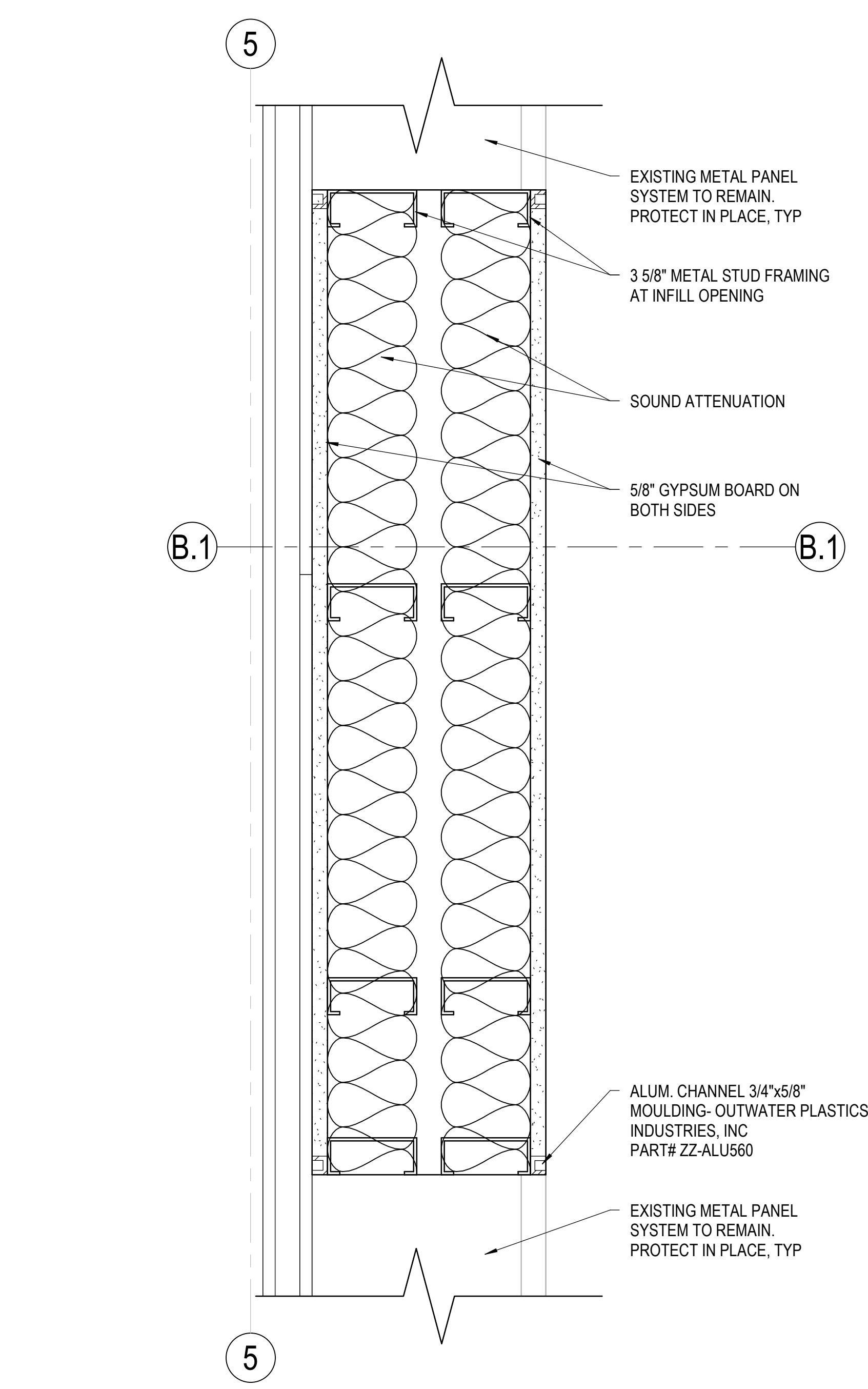
Sheet Title **PLAN DETAILS**

Sheet Number

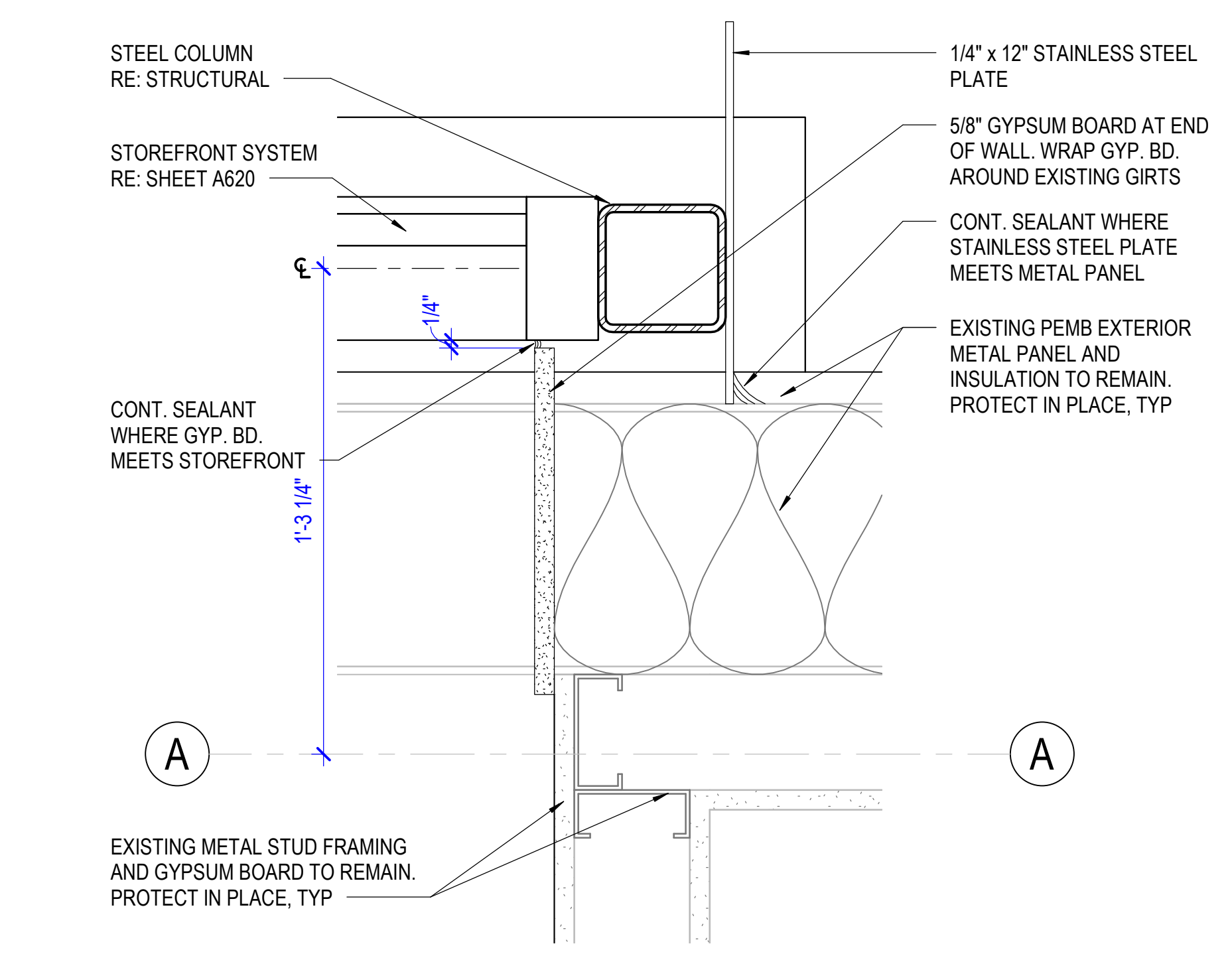
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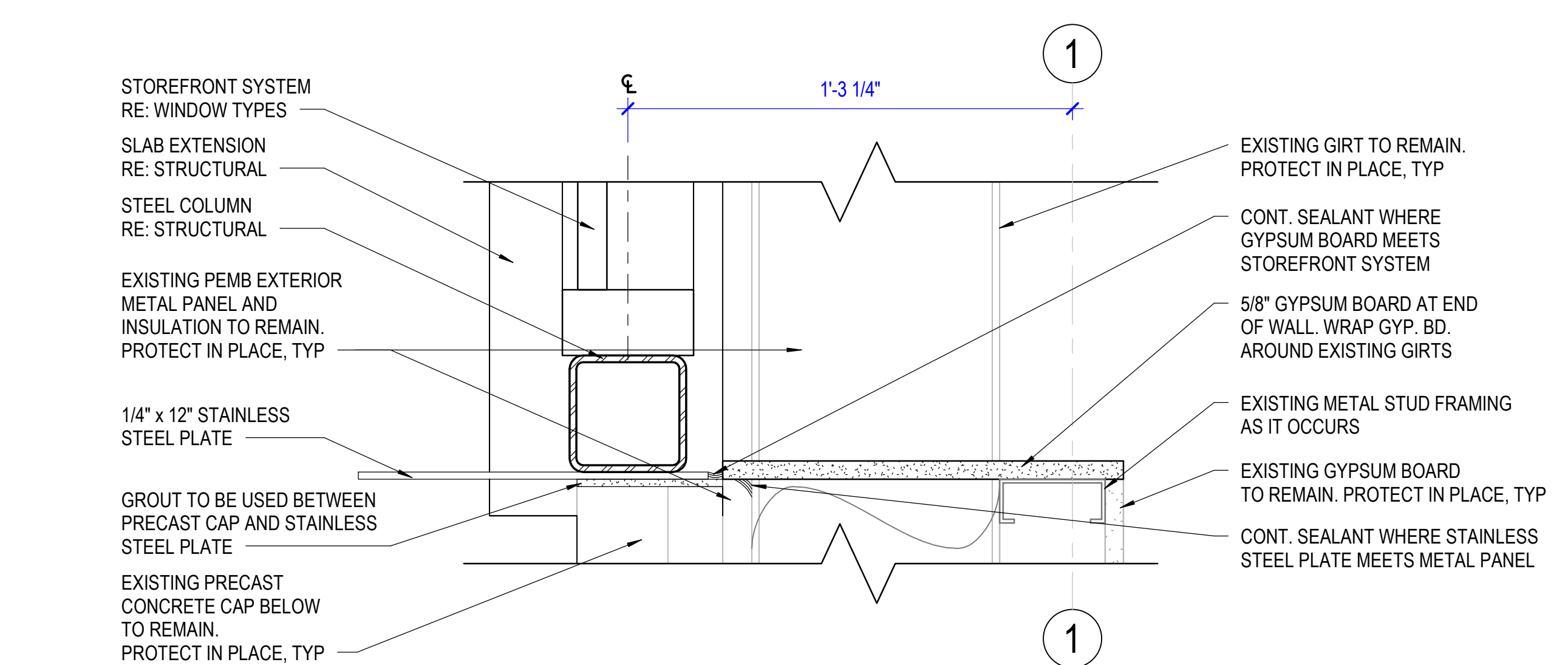
**5 PLAN DETAIL - STOREFRONT CORNER AT EXISTING STRUCTURE**  
 3" = 1'-0"



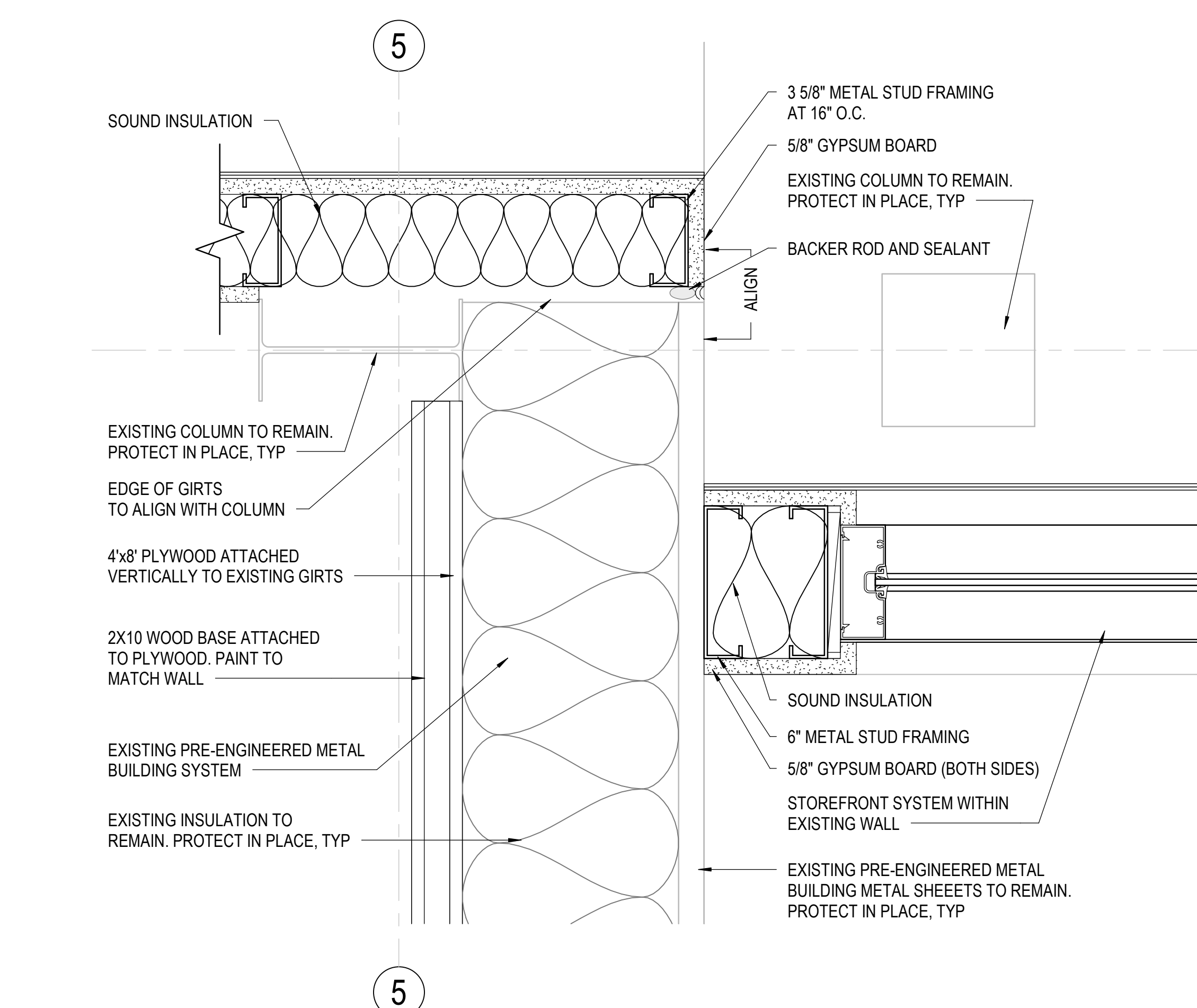
**4 PLAN DETAIL - WALL INFILL AT MTL PANEL SYSTEM**  
 3" = 1'-0"



**3 ENLARGED DETAIL AT STOREFRONT JAMB**  
 3" = 1'-0"



**2 ENLARGED DETAIL AT STOREFRONT JAMB**  
 3" = 1'-0"



**1 PLAN DETAIL - END OF METAL PANEL SYSTEM**  
 3" = 1'-0"

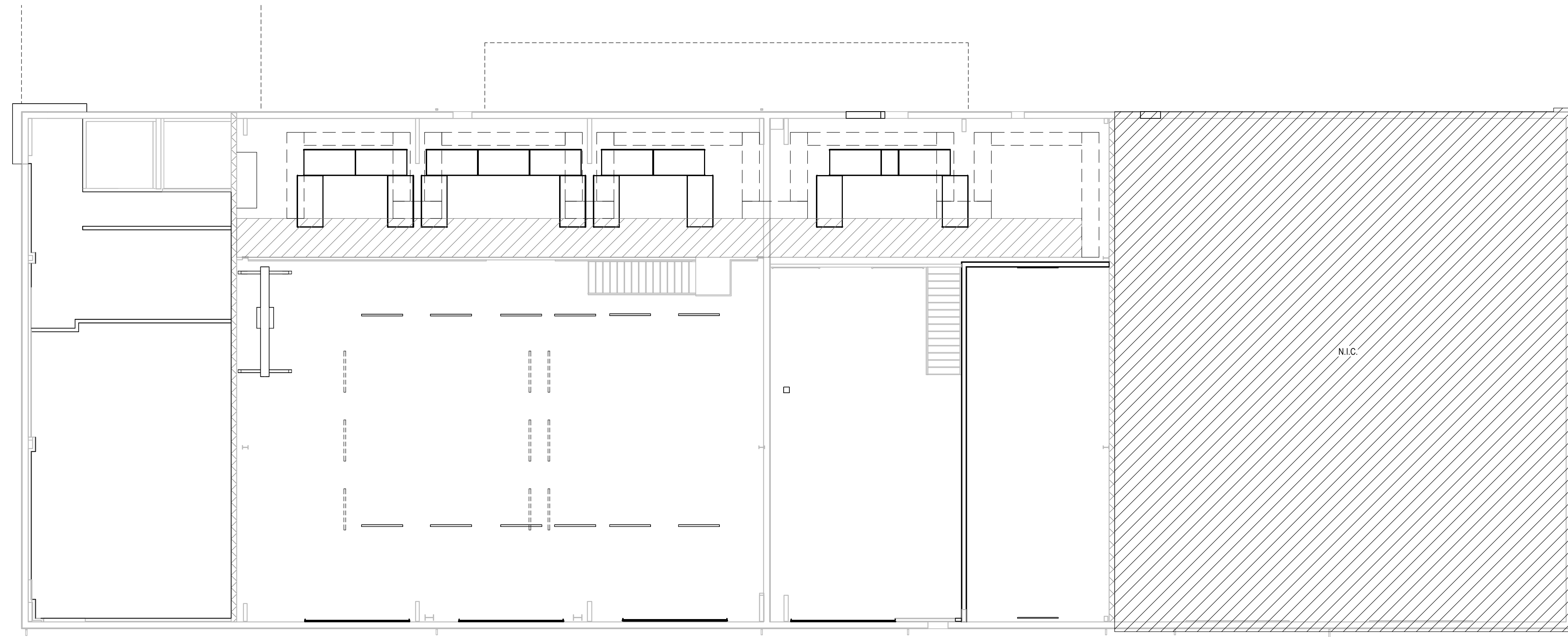




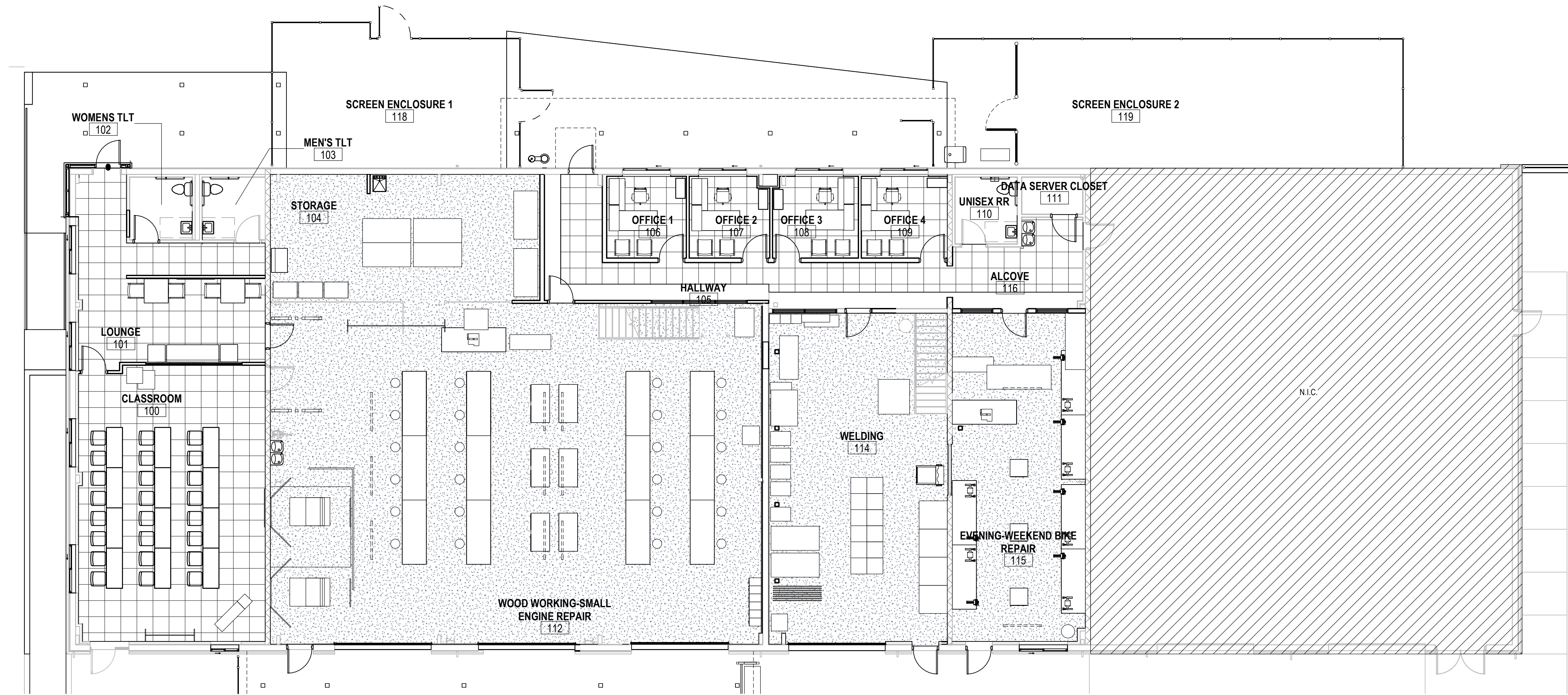
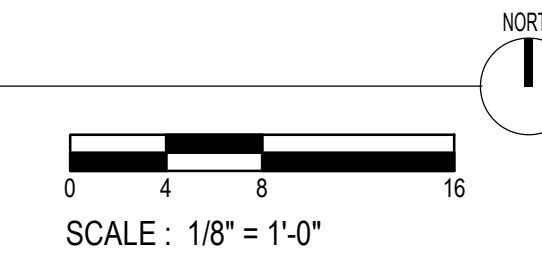




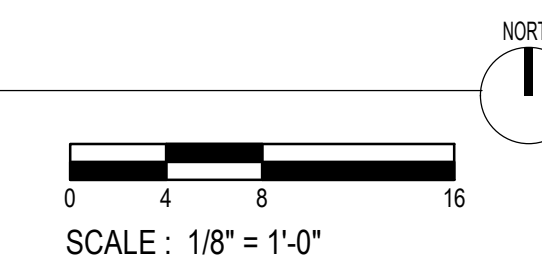




**2** MEZZANINE FURNITURE PLAN  
 1/8" = 1'-0"



**1** FIRST FLOOR FURNITURE PLAN  
 1/8" = 1'-0"



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 Issue Date **06-30-2023**

Sheet Title **FIRST FLOOR FURNITURE PLAN**

Sheet Number

**IF101**

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G.C. SUPPLIED & INSTALLED BY G.C. (ITEMS NOT SHOWN IN PLANS)				
<b>EQUIPMENT</b>				
Description	Count	Manufacturer	Model	NOTES
M18 FUEL 18V LITHIUM-ION BRUSHLESS CORDLESS DEEP CUT BAND SAW (TOOL ONLY)	6	MILWAUKEE (via GRAINGER)	55ZK41	G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
M18 FUEL 18V LITHIUM-ION HIGH OUTPUT 6.0 Ah BATTERY PACK (4-PACK)	3	MILWAUKEE	48-11-1862	G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
18V LITHIUM-ION BRUSHLESS CORDLESS 3/4", 1 1/2" in. MAGNETIC DRILL KIT W/(2) 8.0 Ah BATTERIES	2	MILWAUKEE	2787-22HD	G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
M18 FUEL 18V CORDLESS CUTOFF/GRINDER (TOOL ONLY)	12	MILWAUKEE	2680-20	G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
M18 FUEL 18V LITHIUM-ION BRUSHLESS CORDLESS 7/9in ANGLE GRINDER (TOOL ONLY)	2	MILWAUKEE	2785-20	G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
LIGHTED WELDER EXTENSION CORD	6	BAD ASS	WLD08025BK	G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
MANUAL REBAR BENDER AND CUTTER 9.25"x7.5"x52.75"	3	BON TOOLS		G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
TUBE BENDER 2" CAPACITY WITH DIES	1	SWAG REV 2	R2TB	G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
UM-PLATE-MOBILE, VERSA-MOUNT MOBLE UNIVERSAL PEDESTAL 36"x22"x30"	1	SWAG REV 2		G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
<b>CONSUMABLES</b>				
VVA 60111850 1/8 6011 10# BOX, STICK WELDING ROD	2			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
VVA 701812510 1/8 7018 10# PKG	1			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
OX251, UN1072 Oxygen, cpmressed, 2.2, (5.1)	3			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
ACT125, UN1001 Acetylene, Dissolved, 2.1, small size	3			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
ARCO2390, UN1956 Compressed Gasses, N.O.S., (75% Argon, 25% CO2), 2.2, T Size	6			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
ACT10 Acetylene , Dissolved, 2.1, MC size	3			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
OX21 Oxygen, Compressed, 2.2, (5.1), R size	3			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
HYP 428931 Hypertherm 65a cartridge smartsync drag (consumable replacement parts)	2			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
EXO 70S6030X11, .030 70S6 11# spool (mild steel welding wire for MIG welders)	6			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
<b>PERSONAL PROTECTION EQUIPMENT</b>				
MIL 289842 Miller autodarkening welding helmet, digital CL2, performance black	12			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
REV BxRB9C-LRG Cotton welding jacket Large	4			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
REV BX9C-MED Cotton welding jacket medium	6			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
REV BX9C-XLG Cotton welding jacket X-Large	2			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
TLM 1350M, MD cowhd MIG 4" cuff CD (welding gloves)	6			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
TLM 1350L, LG cowhd MIG 4" cuff CD (welding gloves)	4			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
TLM 1350XL, XL cowhd MIG 4" cuff CD (welding gloves)	2			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
<b>EXISTING EQUIPMENT</b>				
BOX BREAK AND SLP ROLLER (MOUNTED ON ROLLING TABLE/TABLE BUILT IN-HOUSE)	1			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
GRIZZLY G0707 SANDBLASTER	1			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION
AIR COMPRESSOR	1			G.C. SUPPLIED & INSTALLED/COORDINATE WITH CLIENT ON FINAL LOCATION

CLASSROOM EQUIPMENT SUPPLIED AND INSTALLED BY G.C.				
Mark	Description	Count	Manufacturer	Model
NL	TRUTOUCH 86" 4K INTERACTIVE DISPLAY	1	NEWLINE (via CDW)	5932940
CW	JOEY 30 CART	1	LOCKNCHARGE	LNC9-10365

WOOD WORKING/SMALL ENGINE REPAIR EQUIPMENT PROVIDED AND INSTALLED BY G.C.				
Mark	Description	Count	Manufacturer	Model
BFT	BADASS WELDING AND FABRICATION TABLE, 96IN x 36IN	12	BADASS WORKBENCH	175-3X8WELD-14
CL	HAND WINCH LIFT TRUCK - 350 LB CAPACITY	1	VESTIL (via NORTHERN TOOL)	A-LIFT-S-EHP
CW	JOEY 30 CART	1	LOCKNCHARGE	LNC9-10365
DC	DESKTOP DOCUMENT CAMERA	1	ELMO	ELMO TT12W
DIV	11 PANEL FIRE RESISTANT ROOM DIVIDER (6'H x 20'-5"L)	1	NORWOOD COMMERCIAL FURNITURE	NOR-FSL6011-WX
FS	STANDARD FLAMMABLE STORAGE CABINET	1	ULINE	H-1564M-Y
GC	ADJ. HT ALUM. GANTRY CRANE 12'W x 9'-8"-12'H	1	GLOBAL INDUSTRIAL	T9FB2262132
GN	PORTABLE GENERATOR	1		
ITB	SERIES 2 DOUBLE BANK ROLLER CABINET	1	U.S. GENERAL	64864/64866
MTC	METAL TOOL CHEST 57"x28"	6	MATCO TOOLS	4228TB
PWT	PACKING TABLE 96"x36"	1	ULINE	
SC	METAL LAB STOOL W/BACKREST (COLOR GRAY)	24	LEARNITURE	NOR-TY-53818B-PK
SL	STUDENT LOCKERS	6	HALLOWELL	HAL-U1288-6HDV-A
TR	LONG HANDLED TOOL RACK	4	WESTWARD/GRAINGER	48GE61
WSL	ALL-WELDED STORAGE LOCKER W/ 2 CENTER SHELVES (72"Wx36"Dx78"H)	6	LITTLE GIANT	LTG-SL2-3672

WELDING EQUIPMENT PROVIDED AND INSTALLED BY G.C.				
Mark	Description	Count	Manufacturer	Model
EAC	EXISTING AIR COMPRESSOR	1		
GSC	GARMENT STORAGE CENTER WITH BASKETS - 52x18x72	1	ULINE	H-2450
HSP	20 TON AIR/HYDRAILIC SHOP PRESS	1	SUNNEX TOOLS	T9FB1915420
JBS	BAND SAW	1	JET via GRAINGER	414468
MB	MOBILE WELDER WITH REMOTE START/STOP	1	MILLER (FROM WELSCO)	BOBCAT 225 (MIL 907791001)
MBR	MOBILE BAR AND PIPE RACK	2	ULINE	H-4543
MM	MILLER MULTIMATIC 215	6	MILLER (FROM WELSCO)	MULTIMATIC 215 MIL907693
MWC	RUNNING GEAR/CART: FOR 7 IN MAX CYLINDER DIA	6	MILLER ELECTRIC (FROM WELSCO)	301239
PCT	PLASMA CUTTING TABLE W/REPLACEMENT SLATS (32"H x 21"W x 30"L)	6	PRIMEWELD	
STC	SAF-T-CART PLASMA TORCH CART	2	SAF-T-CART (via WELSCO)	MM-8
WS	6'x6' WELDING SCREEN, SHADE 8	8	ULINE	H-4610

EVENING/WEEKEND BIKE REPAIR EQUIPMENT SUPPLIED & INSTALLED BY G.C.				
Mark	Description	Count	Manufacturer	Model
AC	26 GALLON 175 PSI ULTRA QUIET VERTICAL AIR COMPRESSOR	1	FORTRESS	FT26175
DC	DESKTOP DOCUMENT CAMERA	1	ELMO	ELMO TT12W
ITB	SERIES 2 DOUBLE BANK ROLLER CABINET	1	U.S. GENERAL	64864/64866
MTB	SERIES 2 SINGLE BANK ROLLER CABINET	3	U.S. GENERAL	SKU 64162/64163
SWD	PACKING TABLE 96"x36"	7	<varies>	<varies>
TSV	6" SWIVEL VISE WITH ANVIL	6	CENTRAL MACHINERY/HARBOR FREIGHT	SKU 59104
TTG	3" BENCH GRINDER WITH FLEX SHAFT	6	CENTRAL MACHINERY/HARBOR FREIGHT	SKU 43533

CLIENT SUPPLIED/G.C. INSTALLED	
Mark	Comments
SIM	CLIENT ORDERED SIMULATORS DIRECTLY FROM SIMLOG. G.C. TO INSTALL PER COORDINATION WITH CLIENT

G.C. TO COORDINATE WITH CLIENT ON FINAL PLACEMENT



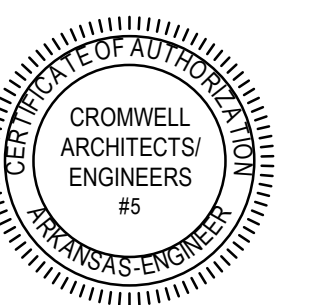
**NWACC ITSTI BIKE LAB**  
 NORTHWEST ARKANSAS COMMUNITY COLLEGE  
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**2023-049**

Issue Date \_\_\_\_\_

**06-30-2023**

Sheet Title \_\_\_\_\_

**EQUIPMENT SCHEDULE**

Sheet Number \_\_\_\_\_

**Q-100**



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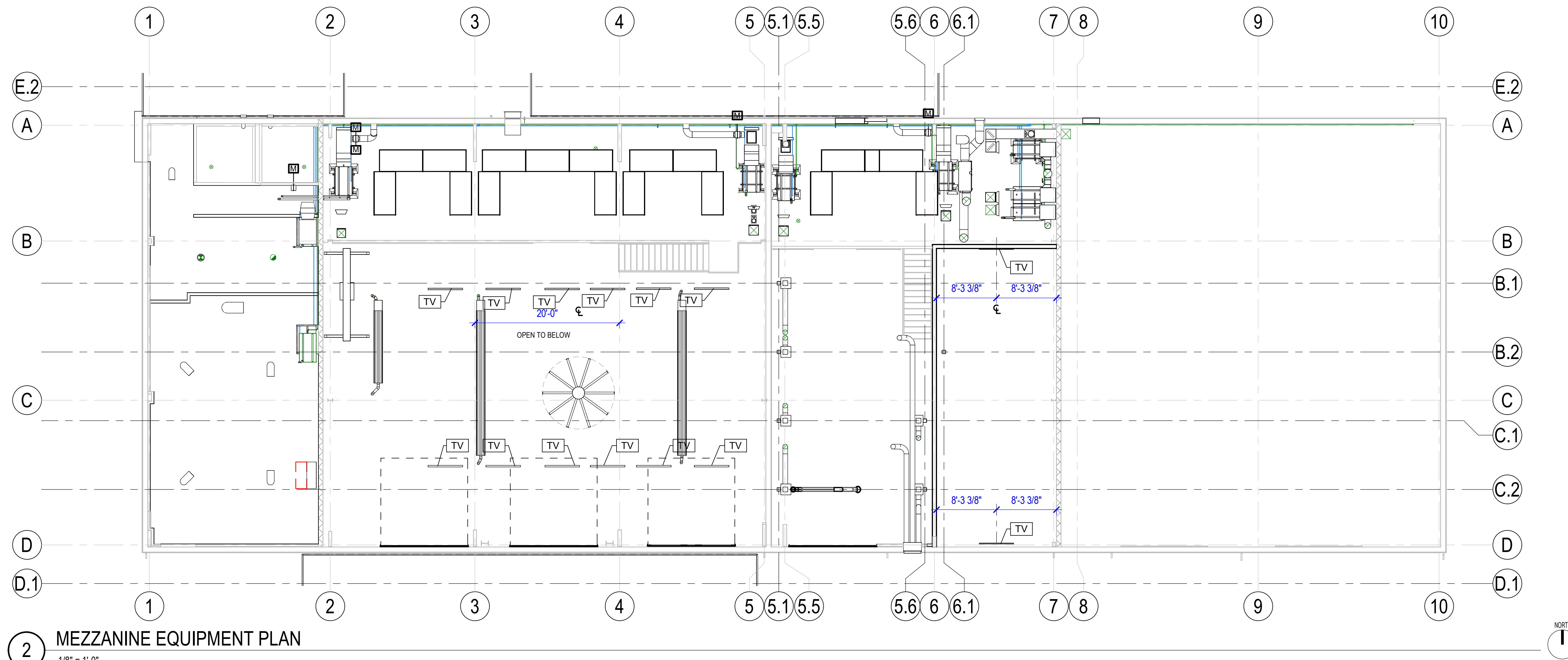
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Project Number **2023-049**  
 Issue Date **06-30-2023**  
 Sheet Title \_\_\_\_\_

**EQUIPMENT PLANS**

Sheet Number **Q-101**



**2 MEZZANINE EQUIPMENT PLAN**  
 1/8" = 1'-0"



**1 FIRST FLOOR EQUIPMENT PLAN**  
 1/8" = 1'-0"



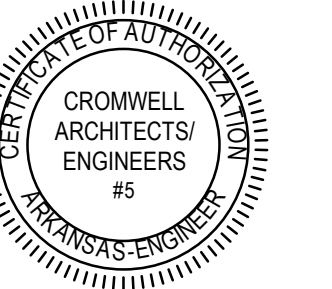
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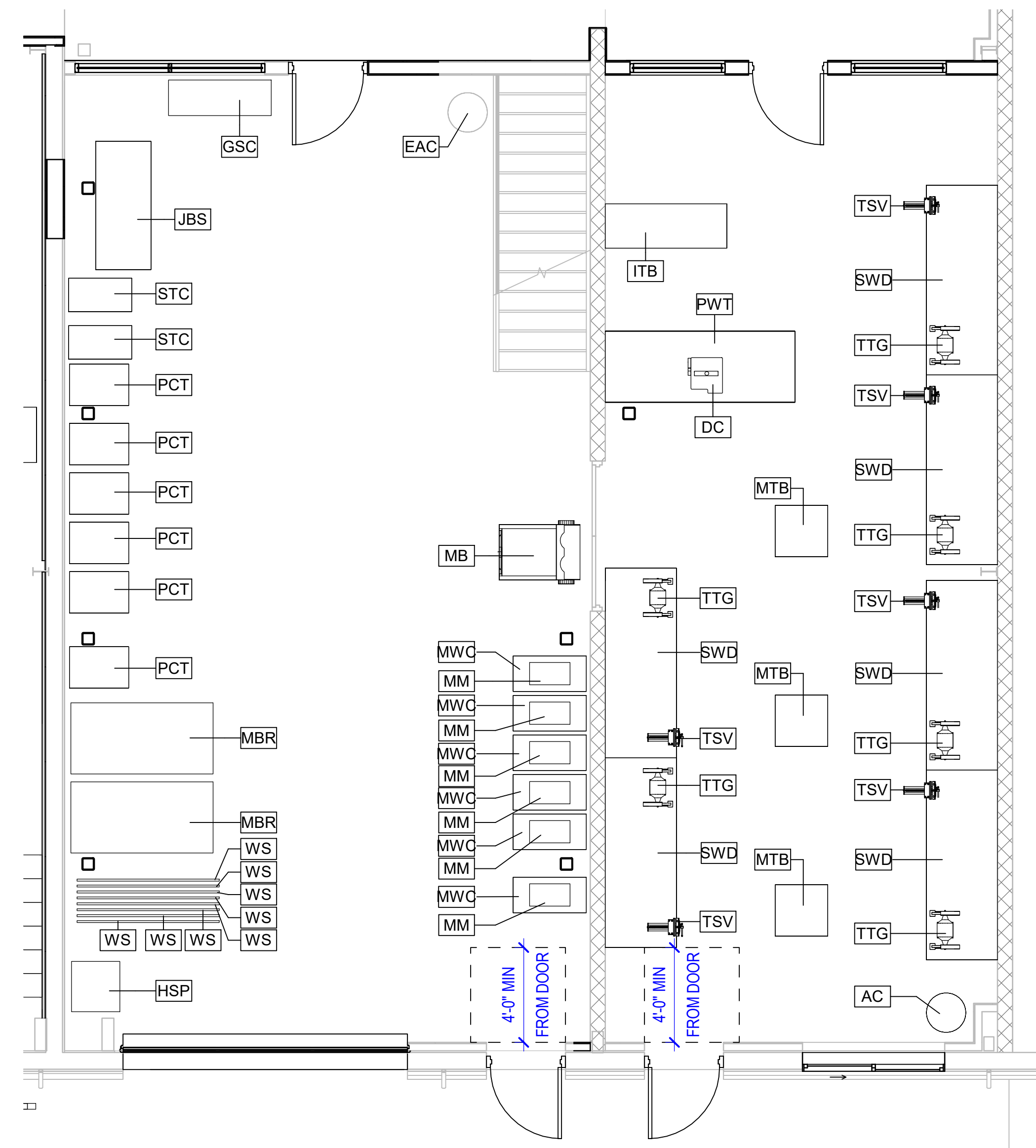
Issue Date **06-30-2023**

Sheet Title

**ENLARGED EQUIPMENT PLAN**

Sheet Number

**Q-102**



**1** ENLARGED EQUIP. FLR PLAN - WELDING & EVENING/WEEKEND BIKE REPAIR  
 1/4" = 1'-0"

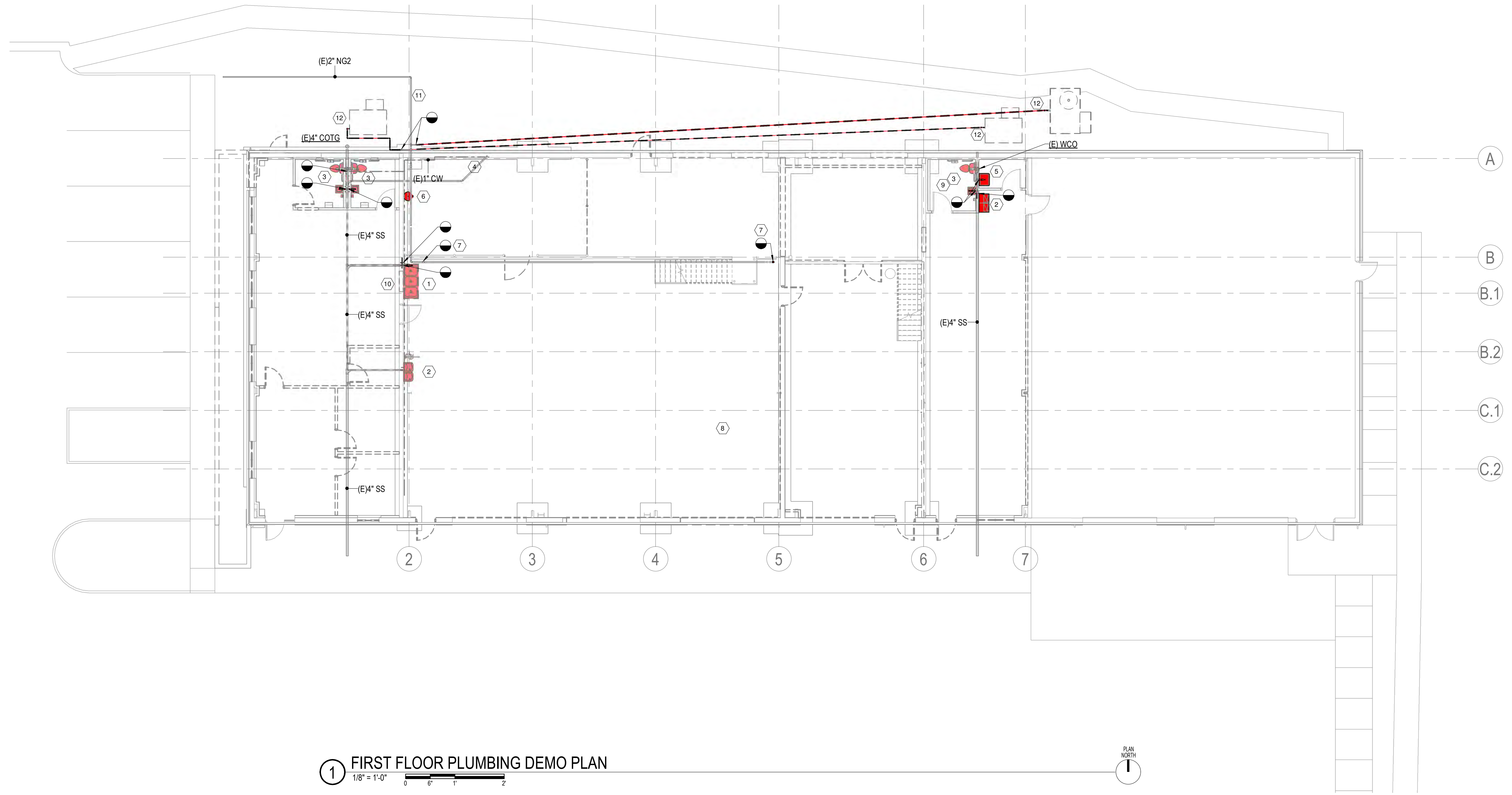




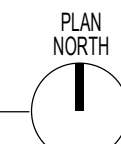
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**KEYED NOTES**

- 1 REMOVE EXISTING THREE COMPARTMENT SINK AND HB AND CAP ALL ASSOCIATED PIPING BEHIND A FINISHED SURFACE.
- 2 REMOVE EXISTING ELECTRIC WATER COOLER AND REPLACE WITH NEW.
- 3 REMOVE EXISTING WATER CLOSET AND LAVATORY AND REPLACE WITH NEW. REUSE EXISTING DRAIN AND SUPPLY PIPING OR MODIFY AS REQUIRED. CLEAN AND POLISH EXISTING FLOOR DRAIN.
- 4 REMOVE EXISTING UTILITY BOX. EXISTING DRAIN, VENT, AND SUPPLY PIPING TO BE REUSED FOR NEW JANITOR'S SINK.
- 5 REMOVE EXISTING JANITOR'S SINK AND CAP ALL ASSOCIATED PIPING BEHIND A FINISHED SURFACE.
- 6 REMOVE EXISTING ELECTRIC WATER HEATER LOCATED ON MEZZANINE AND CAP ALL ASSOCIATED PIPING BEHIND A FINISHED SURFACE.
- 7 REMOVE EXISTING GAS UNIT HEATER AND REMOVE GAS PIPING AND CAP.
- 8 REMOVE ALL EXISTING UNUSED COMPRESSED AIR PIPING. PATCH WALLS AS REQUIRED.
- 9 REUSE EXISTING INSTANTENOUS WATER HEATER AT NEW LAVATORY IN MEN'S RESTROOM 103. WATER HEATER TO SERVE BOTH WOMEN'S AND MEN'S RESTROOM.
- 10 REMOVE EXISTING SINK AND CAP ALL ASSOCIATED PIPING BEHIND A FINISHED SURFACE.
- 11 RE-ROUTE OR PROTECT EXISTING GAS PIPING DURING CONSTRUCTION.
- 12 DISCONNECT EXISTING GAS PIPING FROM DEMOLISHED AHU. REMOVE OR ABANDON AND CAP.



**1 FIRST FLOOR PLUMBING DEMO PLAN**  
 1/8" = 1'-0"



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Sheet Title **PLUMBING DEMO PLAN**

Sheet Number

**PD101**



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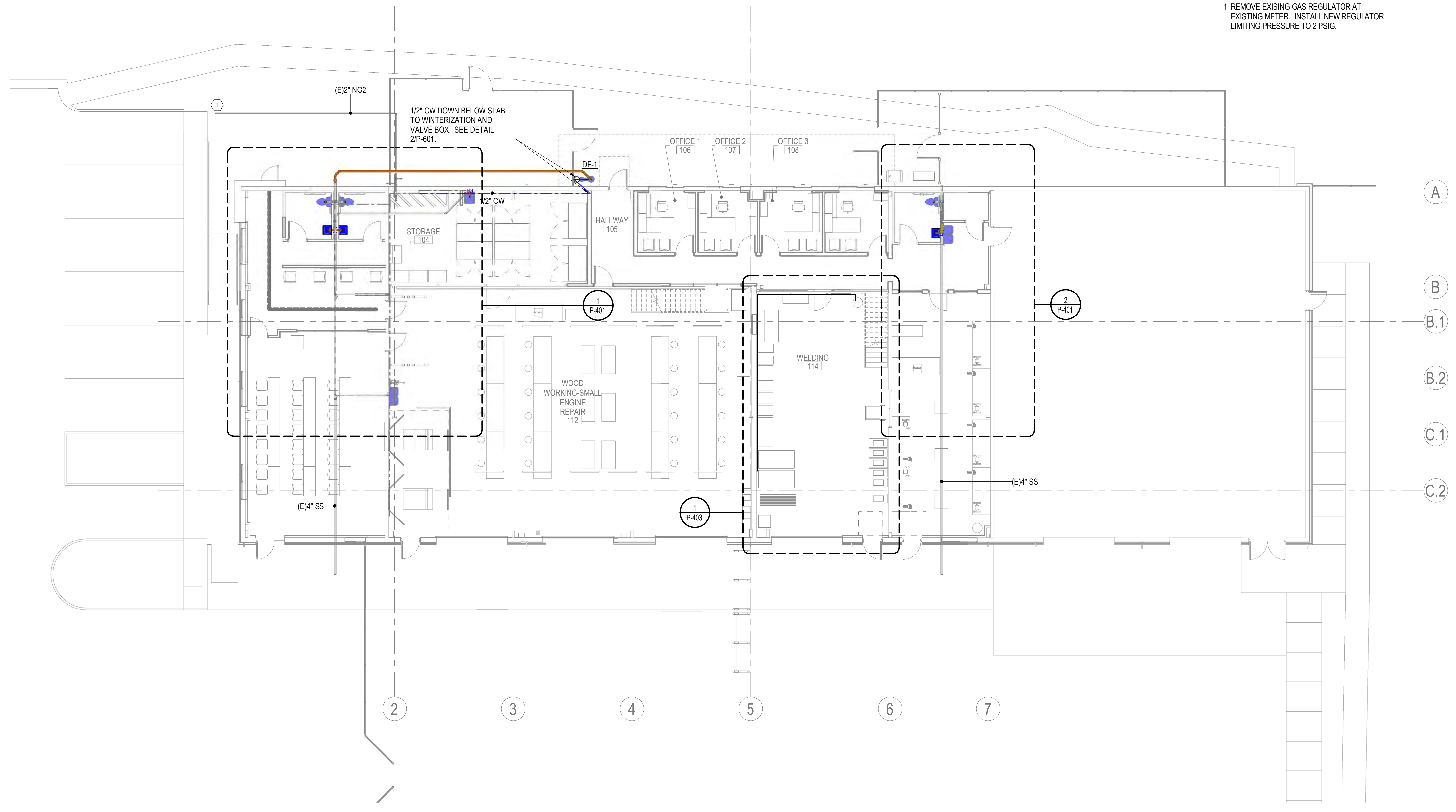
Project Number **2023-049**  
 Issue Date **06-30-2023**

**FIRST FLOOR PLUMBING PLAN**

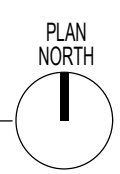
Sheet Number  
**P-101**

**KEYED NOTES**

1 REMOVE EXISING GAS REGULATOR AT EXISTING METER. INSTALL NEW REGULATOR LIMITING PRESSURE TO 2 PSIG.

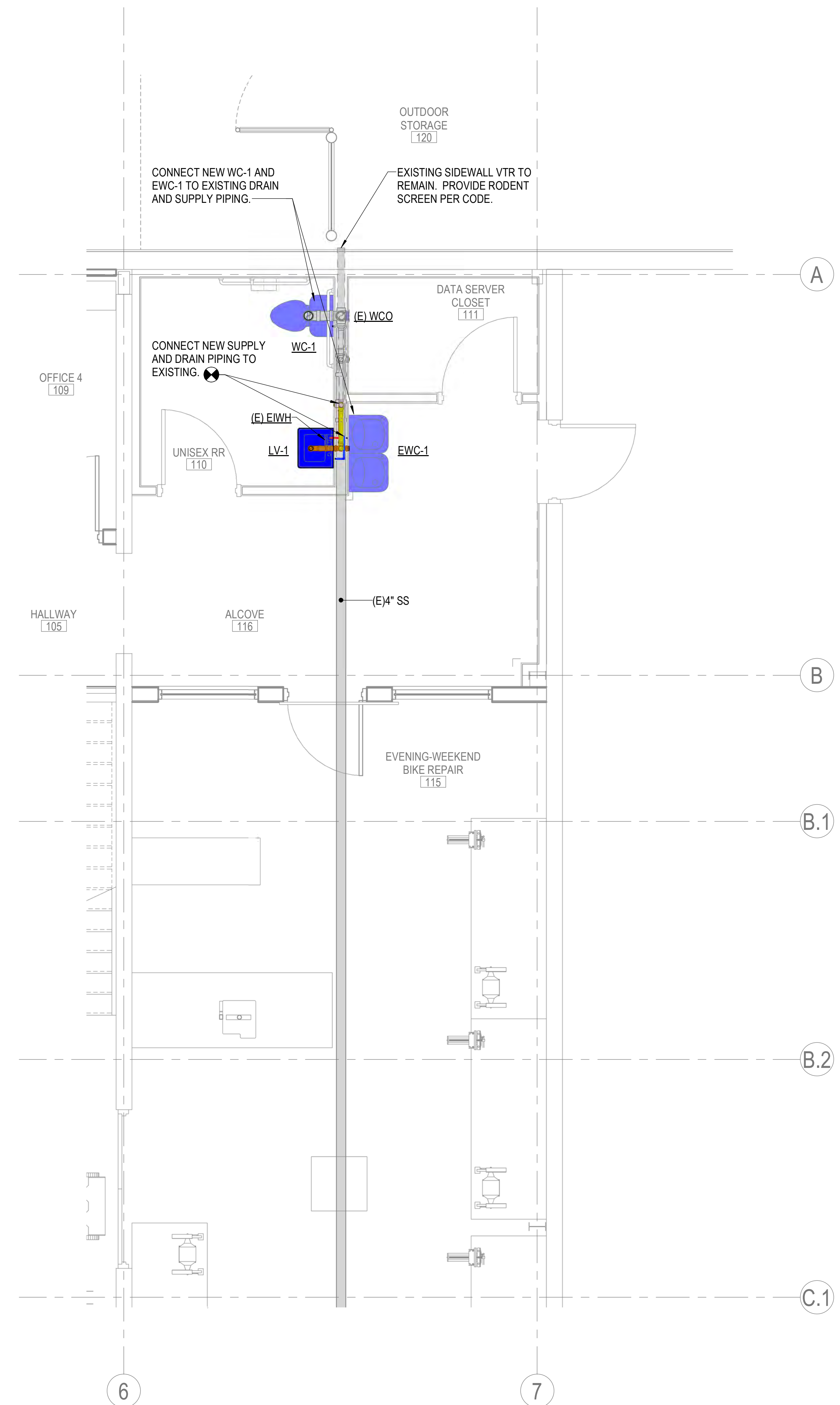
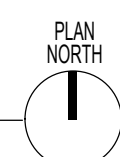


**1 FIRST FLOOR PLUMBING OVERALL PLAN**  
 1/8" = 1'-0"

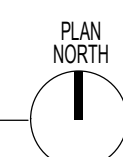




**1 ENLARGED FIRST FLOOR PLUMBING PLAN - WEST RESTROOM**  
 3/8" = 1'-0"



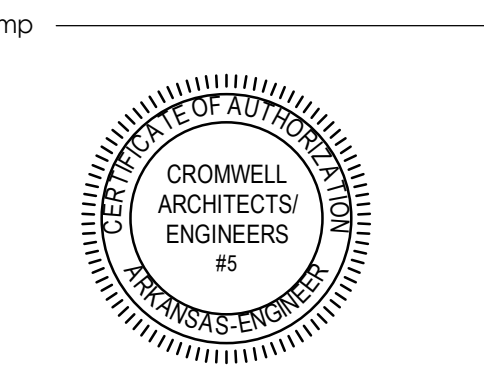
**2 ENLARGED FIRST FLOOR PLUMBING PLAN - EAST RESTROOM**  
 3/8" = 1'-0"



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**ENLARGED PLUMBING PLANS**

Sheet Number  
**P-401**



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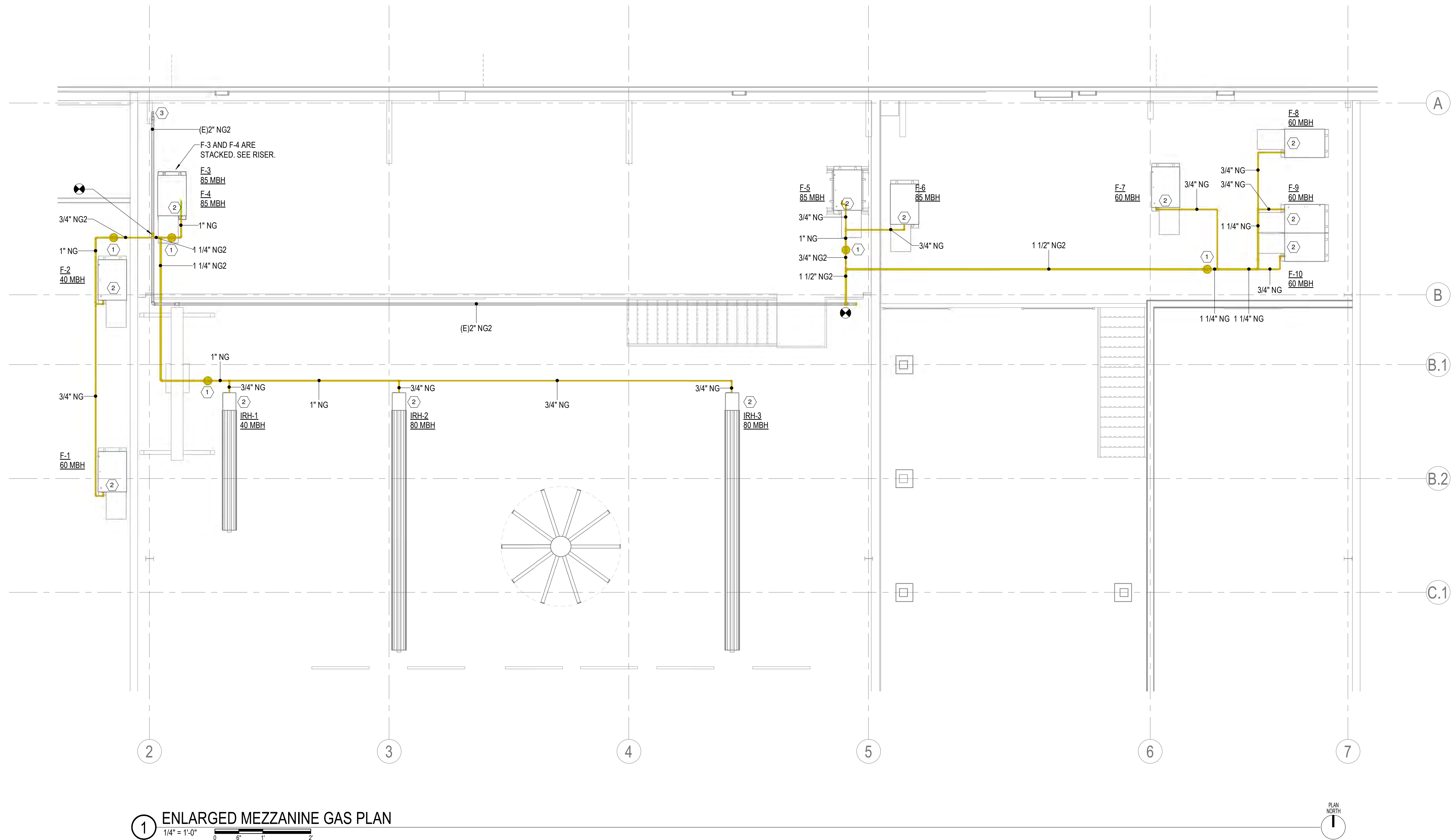
Project Number **2023-049**  
 Issue Date **06-30-2023**  
 Sheet Title

**ENLARGED PLUMBING GAS PLAN**

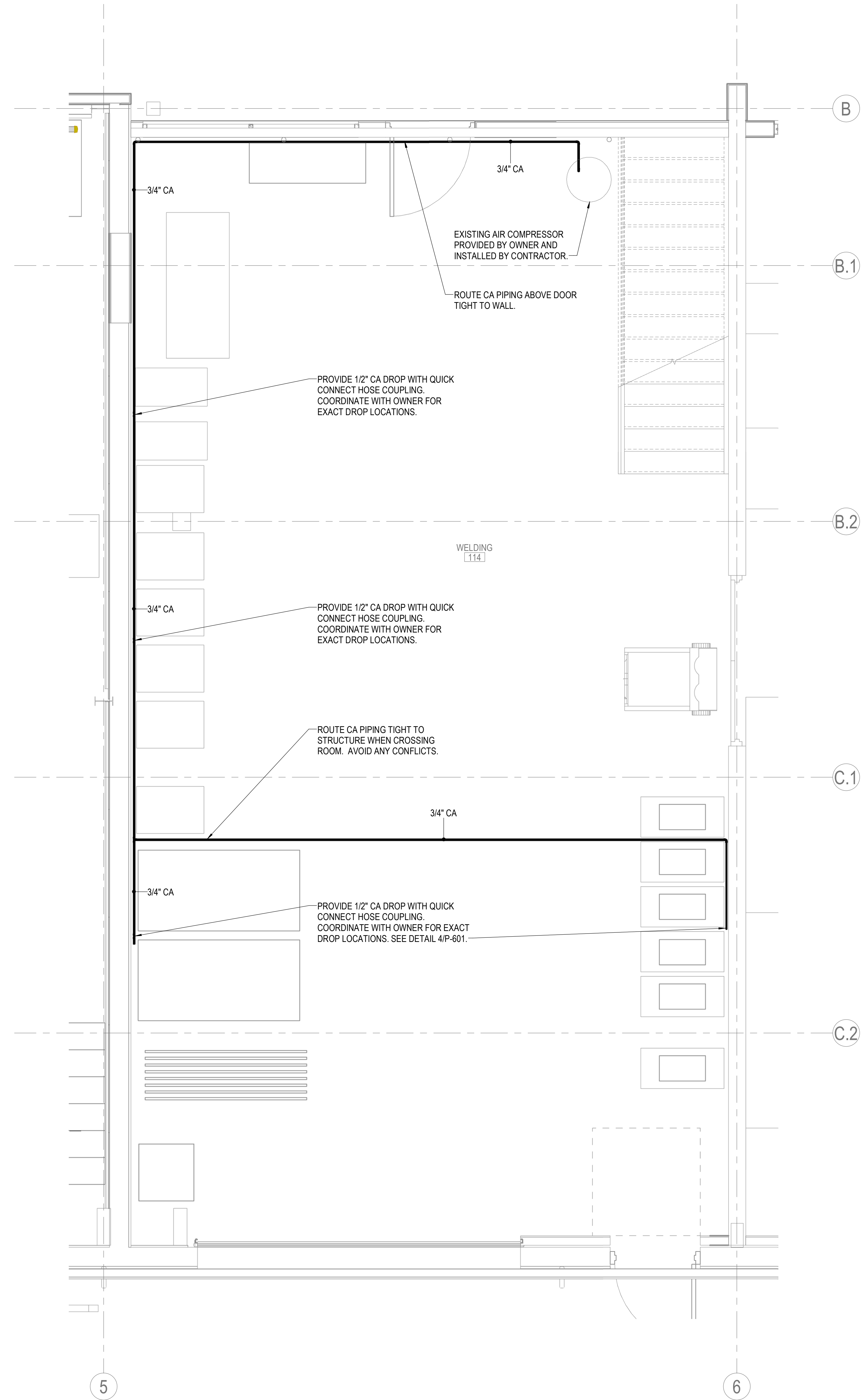
Sheet Number  
**P-402**

**KEYED NOTES**

- 1 PROVIDE GAS PRESSURE REGULATOR AT THIS LOCATION. REDUCE PRESSURE DOWN TO 0.5 PSIG. PROVIDE VENT LIMITING DEVICE OR ROUTE VENT TO EXTERIOR NO CLOSER THAN 25FT FROM FRESH AIR INTAKES AND OPERABLE WINDOWS.
- 2 CONNECT GAS PIPING TO HVAC EQUIPMENT AT THIS LOCATION. PROVIDE ISOLATION VALVE, DIRT LEG, AND FLEXIBLE CONNECTION AT THE EQUIPMENT CONNECTION. VERIFY LOCATION OF GAS CONNECTION AT EQUIPMENT PRIOR TO INSTALLATION.
- 3 EXISTING GAS PIPING DOWN TO BELOW SLAB.







1 ENLARGED PLAN - WELDING  
 1/2" = 1'-0"



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Project Number **2023-049**  
 Issue Date **06-30-2023**

Sheet Title  
**ENLARGED PLUMBING COMPRESSED AIR PLAN**

Sheet Number  
**P-403**



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 Issue Date \_\_\_\_\_ **06-30-2023**  
 Sheet Title \_\_\_\_\_

**PLUMBING SCHEDULES AND DETAILS**

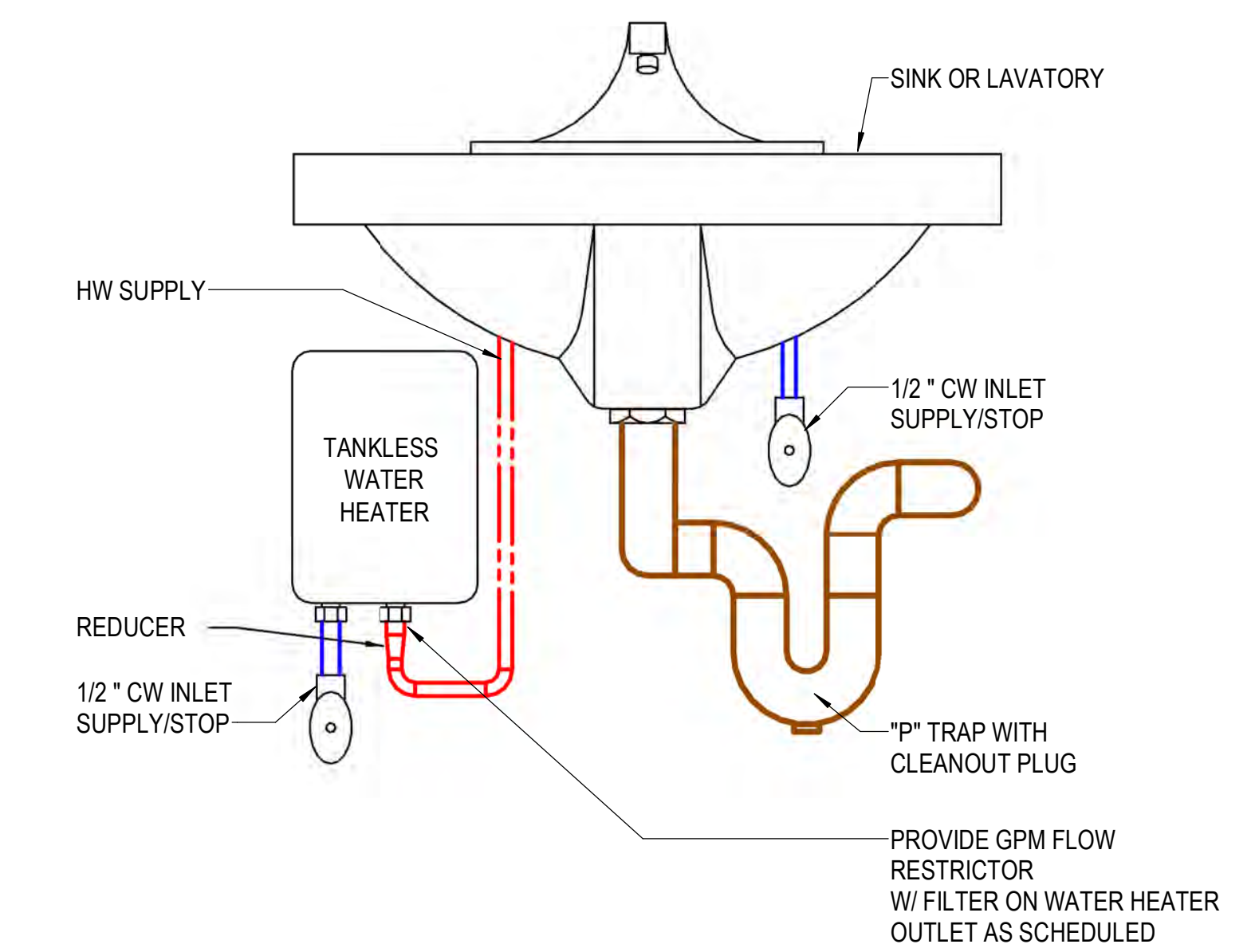
Sheet Number \_\_\_\_\_  
**P-601**

**PLUMBING FIXTURE**

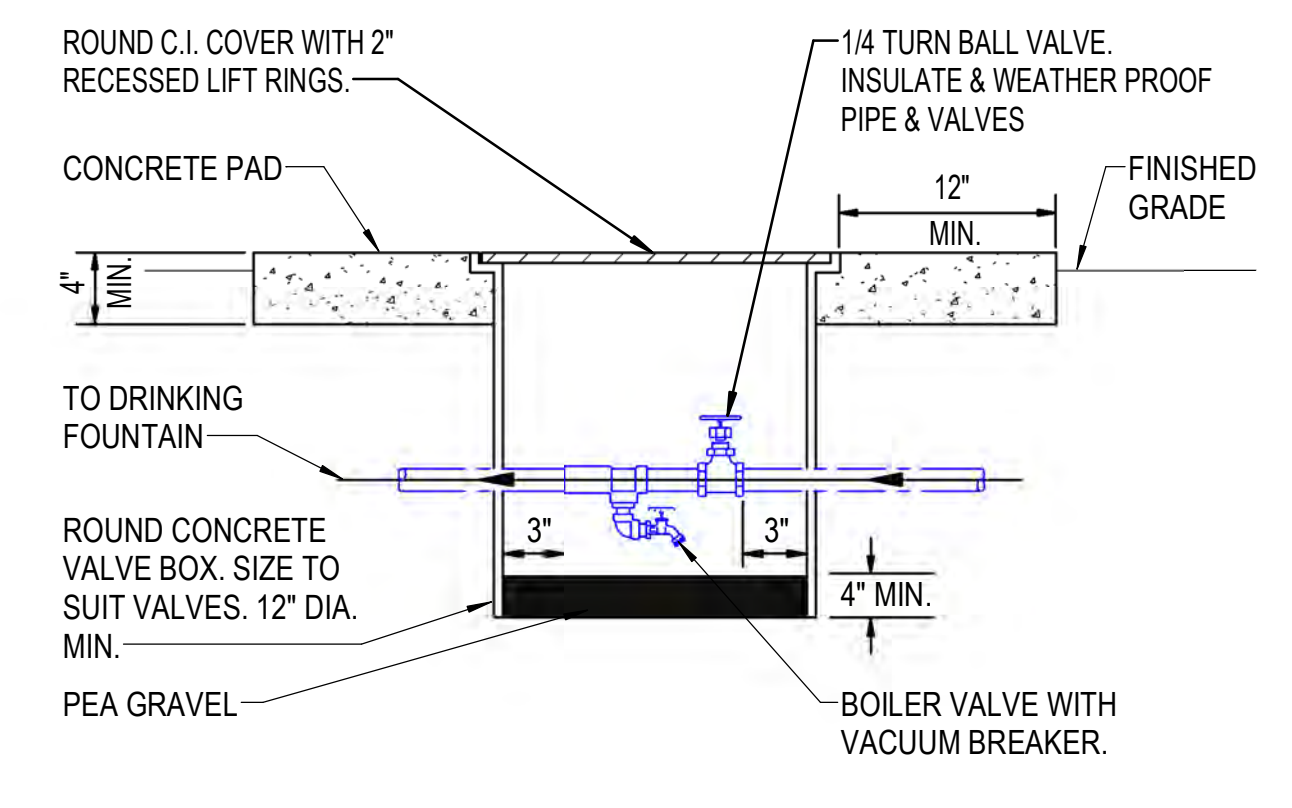
ID	BASIS OF DESIGN		ACCESSORIES						SPECIFICATION	
	MANUFACTURER & MODEL	UTILITY CONNECTIONS	COLD	HOT	WASTE	INDIRECT	VENT	TRAP		
WC-1	AMERICAN STANDARD, #2467.016 "CADET 16-1/2H"		AMERICAN STANDARD SEAT #5901.110, MCGUIRE SUPPLY STOP VALVES #LFBV2-04,	1/2"	---	4"	---	2"	INTEGRAL	WATER CLOSET - ADA COMPLIANT, 30-1/4"x20-1/2"x30-3/4"H, 1.6 GPF, FLOOR MOUNTED, VITREOUS CHINA, PRESSURE ASSISTED SIPHON JET FLUSHING ACTION, ANTI-BACTERIA INHIBITORS, ELONGATED BOWL, SEAT - OPEN FRONT SEAT, SELF SUSTAINING, LESS COVER
LV-1	AMERICAN STANDARD, #0355.012 "LUCERNE"		MCGUIRE OFFSET GRID STRAINER #PW155WC, MCGUIRE P-TRAP #PW8090, MCGUIRE SUPPLY STOP VALVES #LFBV2-02, WADE CARRIER #530 SERIES (SINGLE OR DOUBLE AS REQUIRED), CHICAGO FAUCET, #420-T45E2805ABCP	1/2"	1/2"	2"	---	2"	1-1/4"	LAVATORY - ADA COMPLIANT, 18-1/4"x20-1/2"x38"H, WALL HUNG, WHITE VITREOUS CHINA, FRONT OVERFLOW, TWO FAUCET HOLES ON 4" CENTERS, FAUCET - 0.5 GPM, MANUAL, SINGLE LEVER, LEAD FREE, 4" SPOUT, DUAL HOT/COLD SUPPLY ON 4" CENTERS, INTEGRAL THERMOSTATIC MIXING ABOVE DECK, CARRIER - CONCEALED ARM WALL CARRIER
EWC-1	OASIS, #PG8EBFSL		MCGUIRE P-TRAP #8872, MCGUIRE SUPPLY STOP VALVE #LFBV2-02, WADE CARRIER #403-BL SERIES, GFCI PROTECTED RECEPTACLE, 120V/60Hz/1PH, 4.4 FLA, 450 RATED WATTS, 1/4 HP COMPRESSOR,	1/2"	---	2"	---	2"	1-1/2"	ELECTRIC WATER COOLER - ADA COMPLIANT, 18-5/8"x17-5/8"x38-13/16"H, SPLIT LEVEL, BARRIER FREE, LEAD FREE, FLEXIBLE ONE PIECE BUBBLER, 8 GPH OF 50°F WATER AT 90°F AMBIENT AND 80°F INLET WATER, MECHANICAL PUSH-BUTTON ACTIVATION WITH ANTI-MICROBIAL PUSH PADS, EXTERNAL STREAM HEIGHT ADJUSTMENT ON LOWER UNIT, POWDER COATED GALVANIZED CABINET, BOTTLE FILLER WITH HANDS FREE ACTIVATION, BUILT IN FILTER MONITOR AND BOTTLE COUNTER
DF-1	ELKAY, #LK4420BF1U			1/2"	---	2"	---	2"	2"	DRINKING FOUNTAIN - ADA COMPLIANT, 14"x31"x64", HEAVY DUTY VANDAL RESISTANT OUTDOOR NON-FILTERED AND NON REFRIGERATED DRINKING FOUNTAIN, EVERGREEN COLOR, UPPER BOTTLE FILLING STATION B-LEVEL PEDESTAL 316 STAINLESS STEEL, BUTTON ACTIVATION,
JS-1	MUSTEE, #19F		MUSTEE, #93.600	3/4"	3/4"	1-1/2"	---	2"	1-1/2"	MOP SINK - 20" x 24" x 14", FLOOR MTD STEEL LEGS, POLYPROPYLENE MOLDED TUB, FAUCET - CHROME PLATED LEAD FREE, AREATOR

**PLUMBING EQUIPMENT**

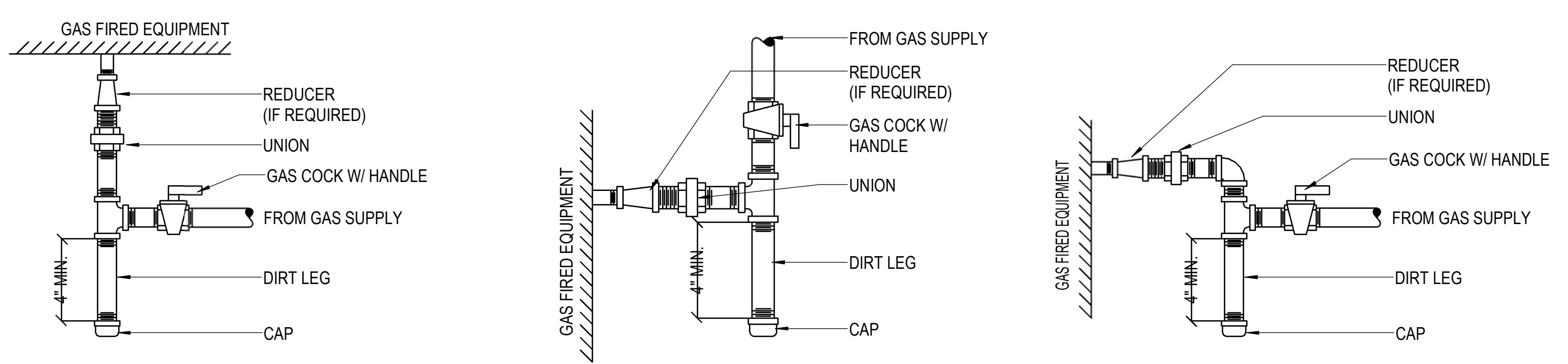
ID	BASIS OF DESIGN		ELECTRICAL					SPECIFICATION
	MANUFACTURER & MODEL	UTILITY CONNECTIONS	CONNECTION TYPE	VOLTAGE	PHASE	POWER	AMPS	
EIWH-1	EEMAX, #SPEX3612T	1/2" CW, 1/2" HW	HARDWIRED WITH GFCI PROTECTION	120 V	1	3.5 kW	29	ELECTRIC TANKLESS WATER HEATER - 48" F RISE @ 0.5 GPM, 9-3/4"H x 5-1/4"W x 3"D, POINT-OF-USE, MULTIPLE LAVATORY, 0.2 GPM ACTIVATION FLOW, FACTORY SET TO 110°F, REPLACEABLE NI CHROME CARTRIDGE INSERT, MAXIMUM OPERATING PRESSURE OF 150 PSI, MICROPROCESSOR TEMPERATURE CONTROL WITH DIGITAL DISPLAY, POWER MODULATING CONTROLS, MOUNTS IN ANY ORIENTATION, HIGH TEMPERATURE LIMIT SWITCH, 1 YEAR PARTS WARRANTY, 3/8" COMPRESSION FITTINGS
EIWH-2	EEMAX, #SPEX8208T	1/2" CW, 1/2" HW	HARDWIRED WITH GFCI PROTECTION	208 V	1	8.3 kW	40	ELECTRIC TANKLESS WATER HEATER - 57" F RISE @ 1 GPM, 9-3/4"H x 5-1/4"W x 3"D, POINT-OF-USE, 0.2 GPM ACTIVATION FLOW, FACTORY SET TO 120°F, FIELD ADJUSTABLE RANGE OF 70-140°F, REPLACEABLE NI CHROME CARTRIDGE INSERT, MAXIMUM OPERATING PRESSURE OF 150 PSI, MICROPROCESSOR TEMPERATURE CONTROL WITH DIGITAL DISPLAY, POWER MODULATING CONTROLS, MOUNTS IN ANY ORIENTATION, HIGH TEMPERATURE LIMIT SWITCH, 1 YEAR PARTS WARRANTY, 3/8" COMPRESSION FITTINGS



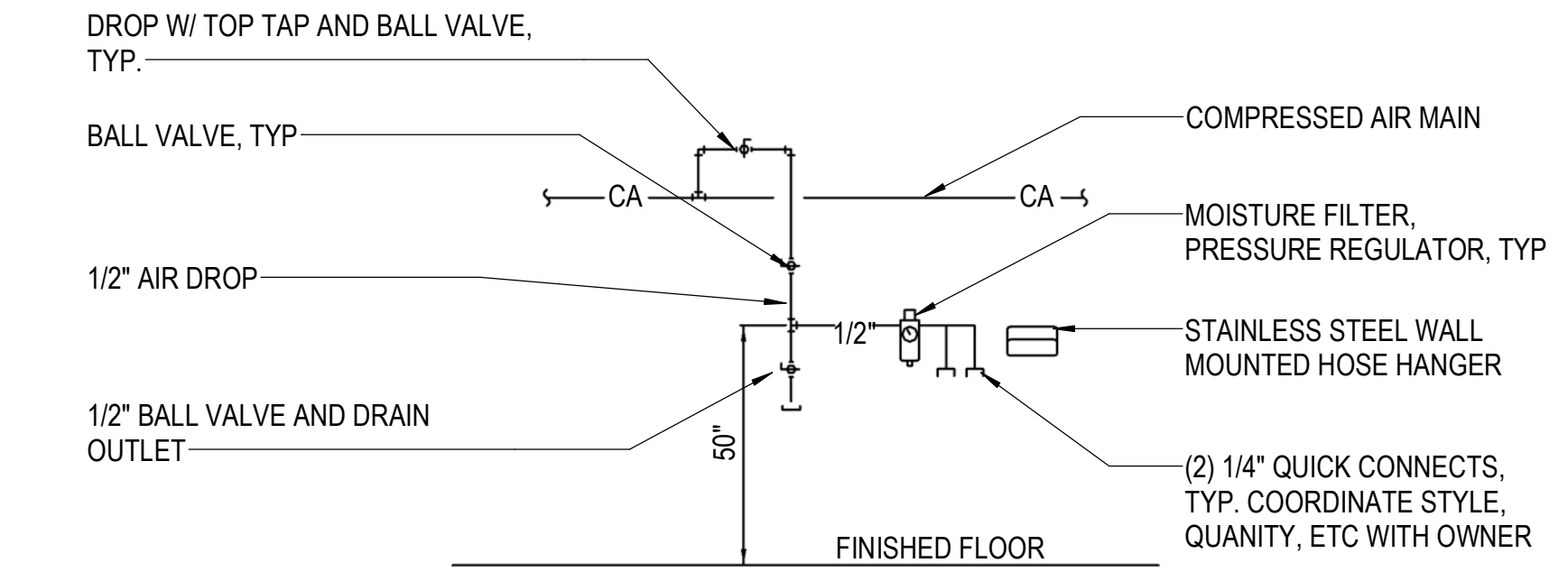
**1 INSTANTENOUS WATER HEATER INSTALLATION**  
 NOT TO SCALE



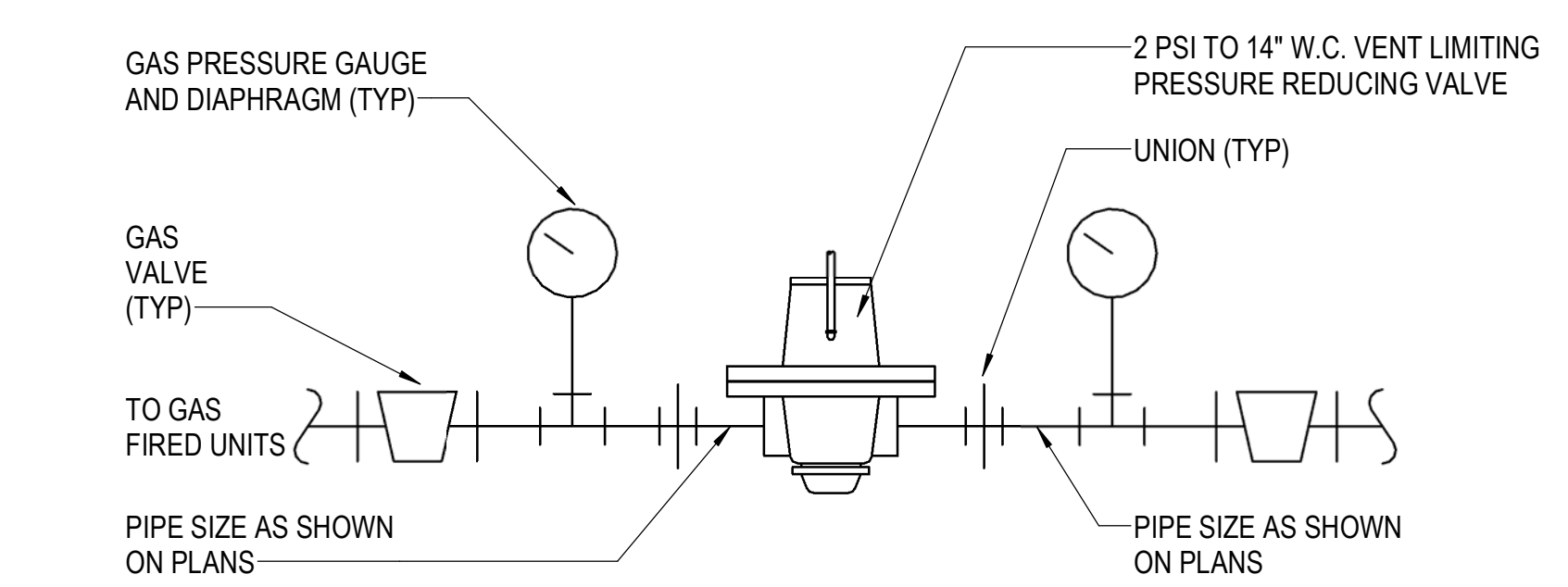
**2 WINTERIZATION VALVE BOX**  
 NOT TO SCALE



**3 TYPICAL GAS PIPING CONNECTIONS**  
 NOT TO SCALE



**4 COMPRESSED AIR DROP**  
 NOT TO SCALE



**5 NATURAL GAS PRESSURE REDUCING VALVE**  
 NOT TO SCALE

**WATER HAMMER ARRESTOR**

P.D.I. UNITS	A	B	C	D	E	F
FIXTURE UNITS	1-11	12-32	33-60	61-113	114-154	155-330

WADE "SHOKSTOP" #4481 SERIES WATER HAMMER ARRESSTOR, SEAMLESS COPPER CONSTRUCTION, POLYPROPYLENE PISTON, (2) EPDM ORINGS, MNPT CONNECTION, MAX. PRESS. 350 PSI, MAX. TEMP. 250°F, PROVIDE PROPERLY SIZED WATER HAMMER ARRESSTORS AND LOCATE ON PIPING IMMEDIATELY UPSTREAM OF ALL QUICK CLOSING VLAVES (E.G. FLUSH VLAVES, DISHWASHER, ICE MAKERS, SOLENOID VALVES, ETC.)



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Design Phase  
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Revisions

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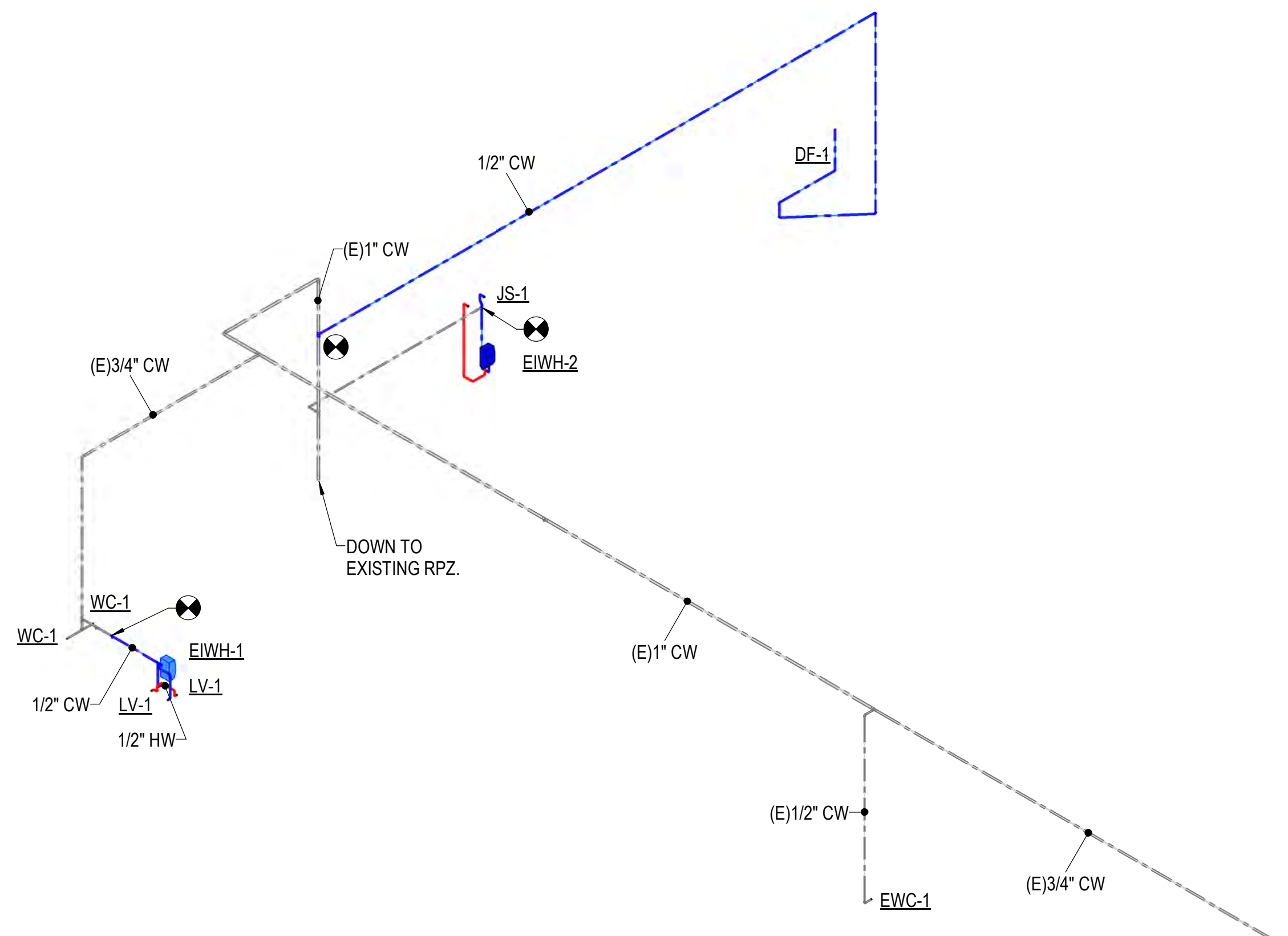
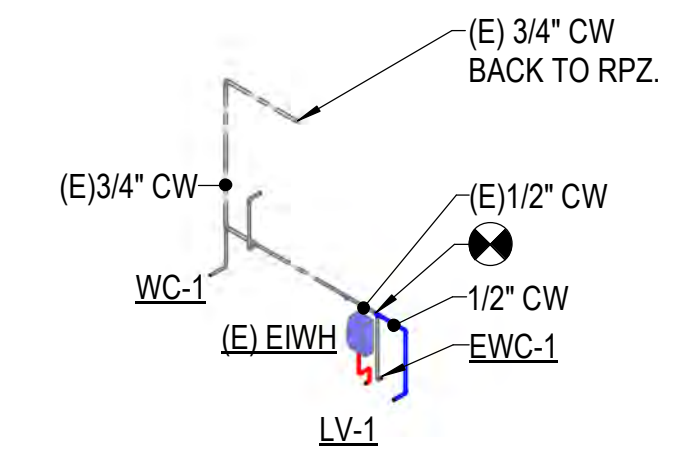
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Project Number  
 Issue Date **2023-049**  
**06-30-2023**

Sheet Title  
**DOMESTIC WATER RISER**

Sheet Number  
**P-901**



**1 DOMESTIC WATER RISER**  
 NOT TO SCALE

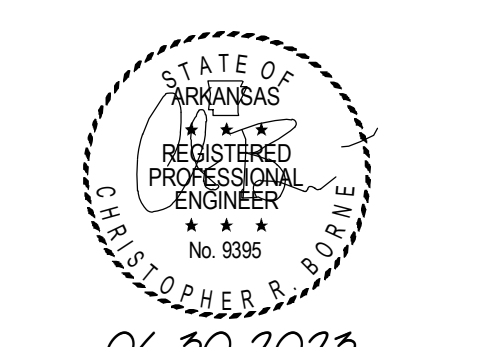
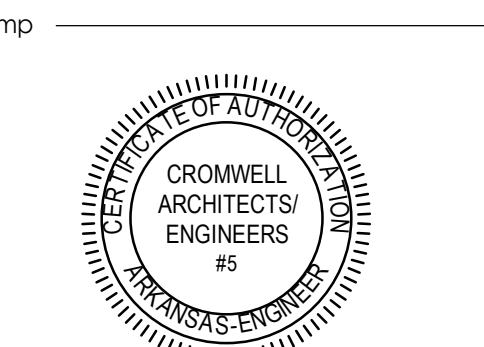


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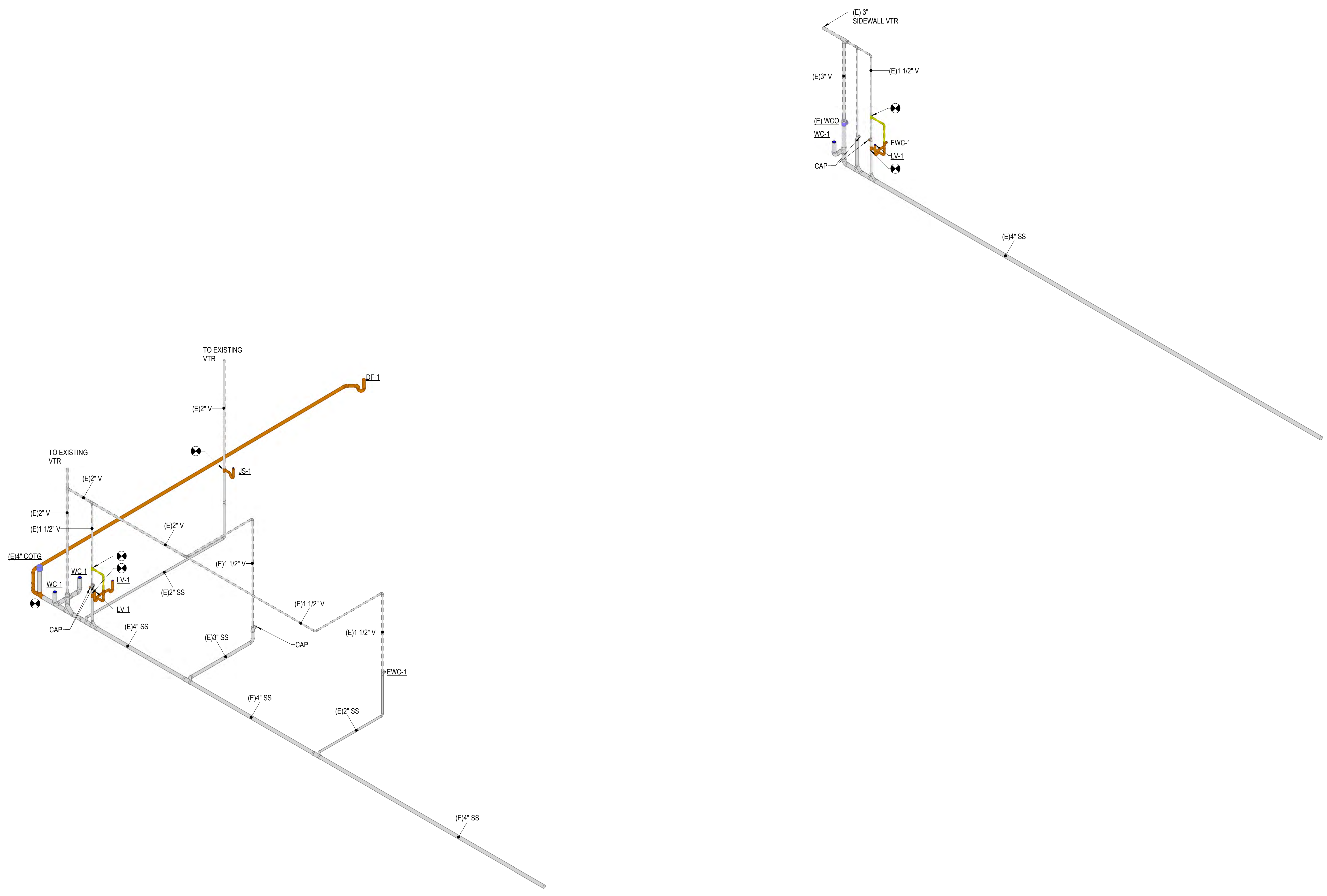
Project Number **2023-049**

Issue Date **06-30-2023**

Sheet Title **SANITARY SEWER RISER**

Sheet Number

**P-902**



**1 DRAIN, WASTE, VENT PLUMBING RISER**  
 NOT TO SCALE



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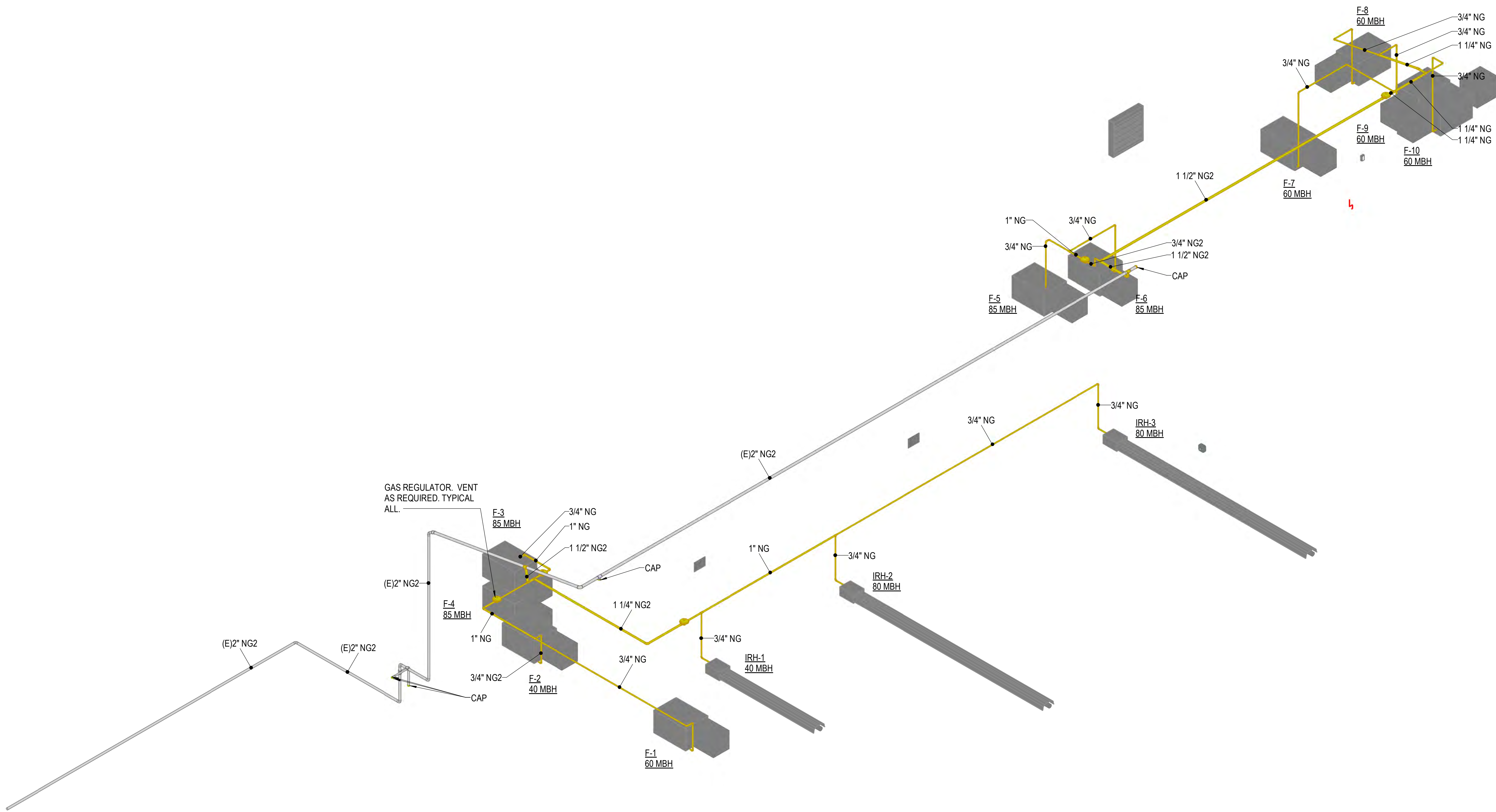
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 Sheet Title

GAS RISER

Sheet Number  
**P-903**



① FUEL GAS RISER  
 NOT TO SCALE



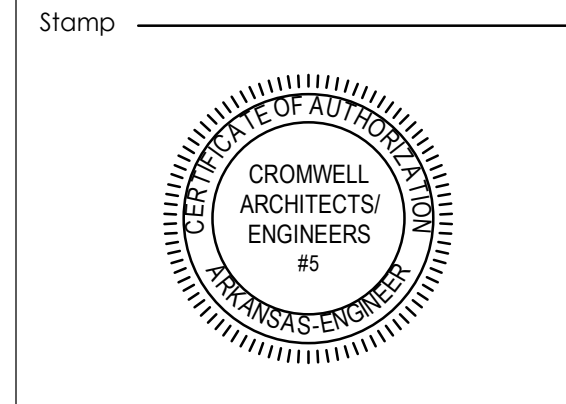


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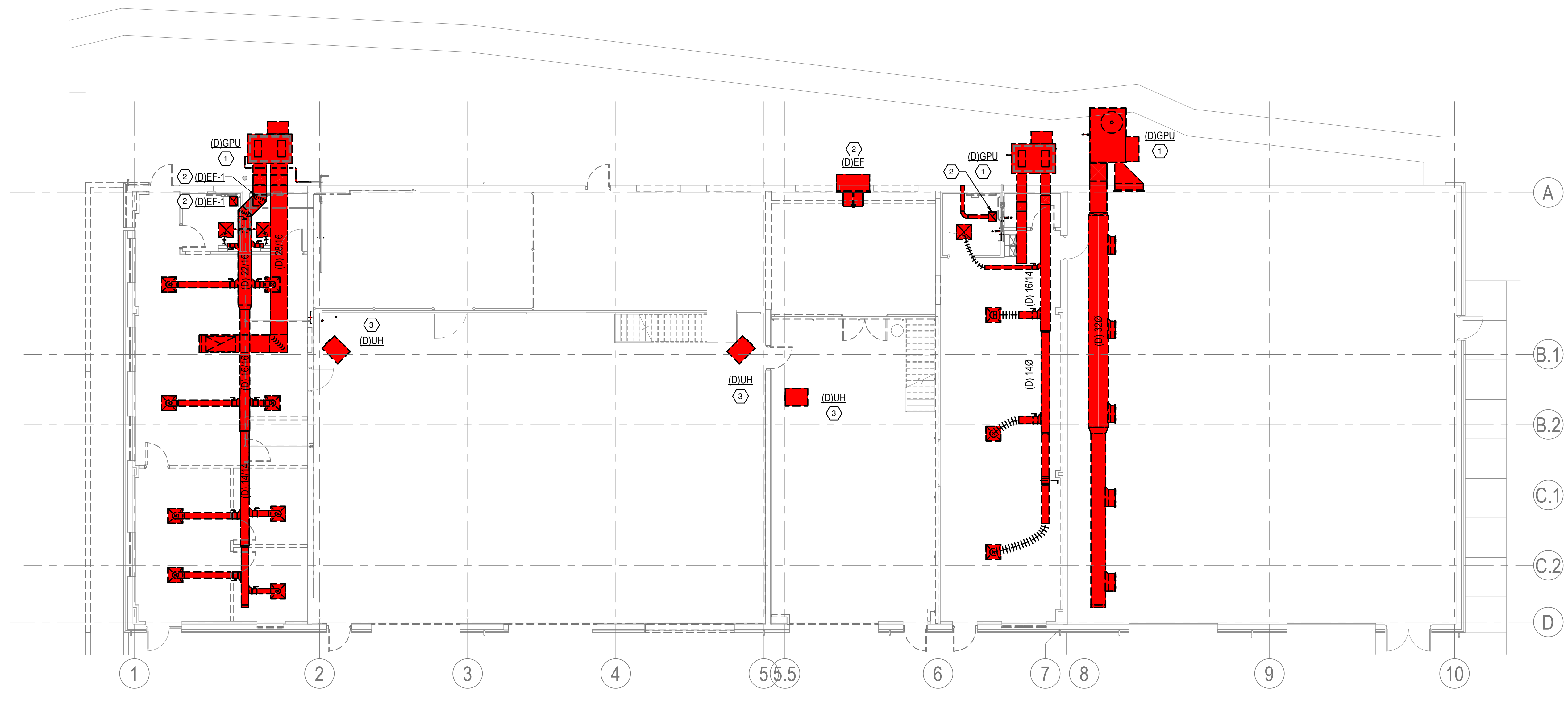
Project Number 2023-049  
 Issue Date 06-30-2023  
 Sheet Title

**MECHANICAL DEMOLITION**

Sheet Number  
**MD101**

**KEYED NOTES**

- 1 DEMOLISH EXISTING GROUND MOUNTED PACKAGED UNIT AND ALL ASSOCIATED DUCTWORK, AIR DEVICES, PIPING, AND WIRING.
- 2 DEMOLISH EXISTING EXHAUST FAN AND ALL ASSOCIATED DUCTWORK.
- 3 DEMOLISH EXISTING UNIT HEATER AND ALL ASSOCIATED PIPING, FLUES, AND CONTROL WIRING.



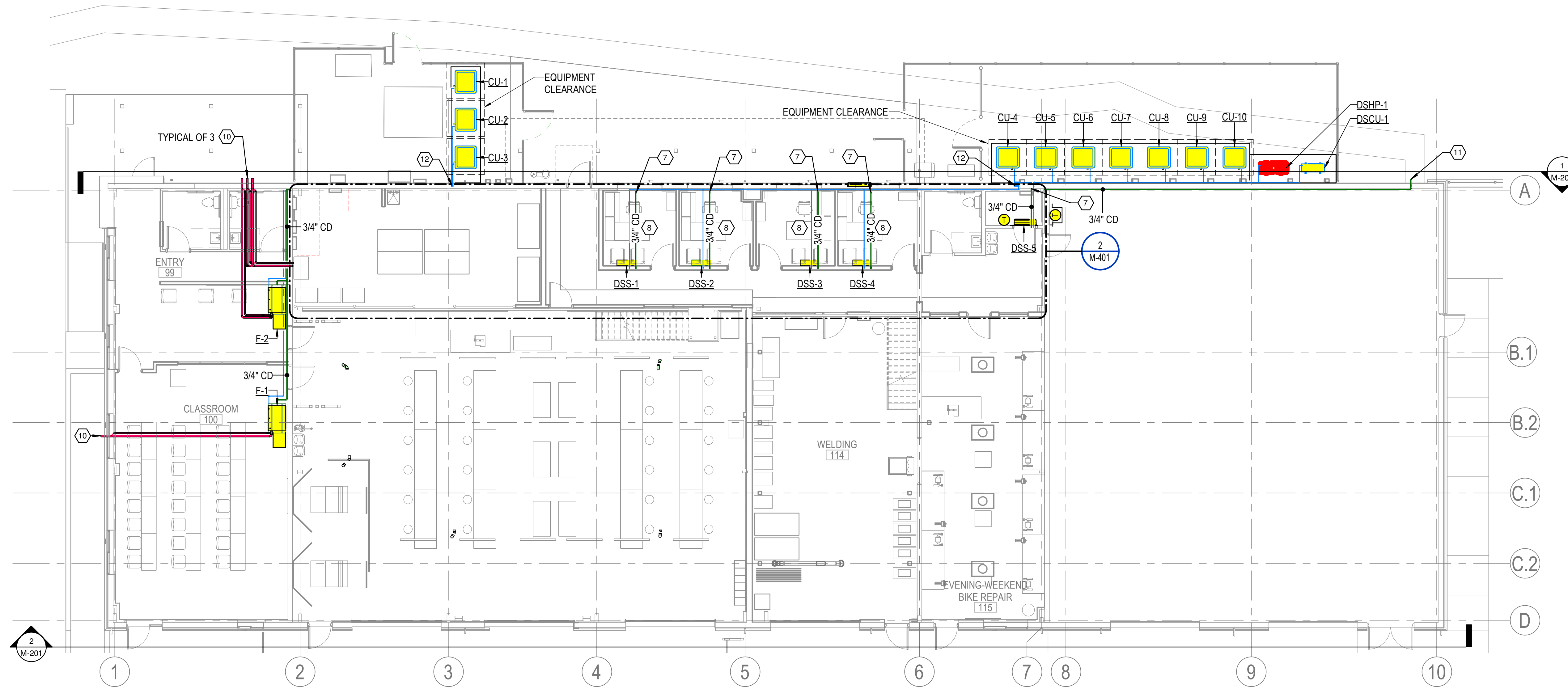
**1 FIRST FLOOR DEMOLITION PLAN**  
 1/8" = 1'-0"  
 0 8 16 32

**GENERAL NOTES**

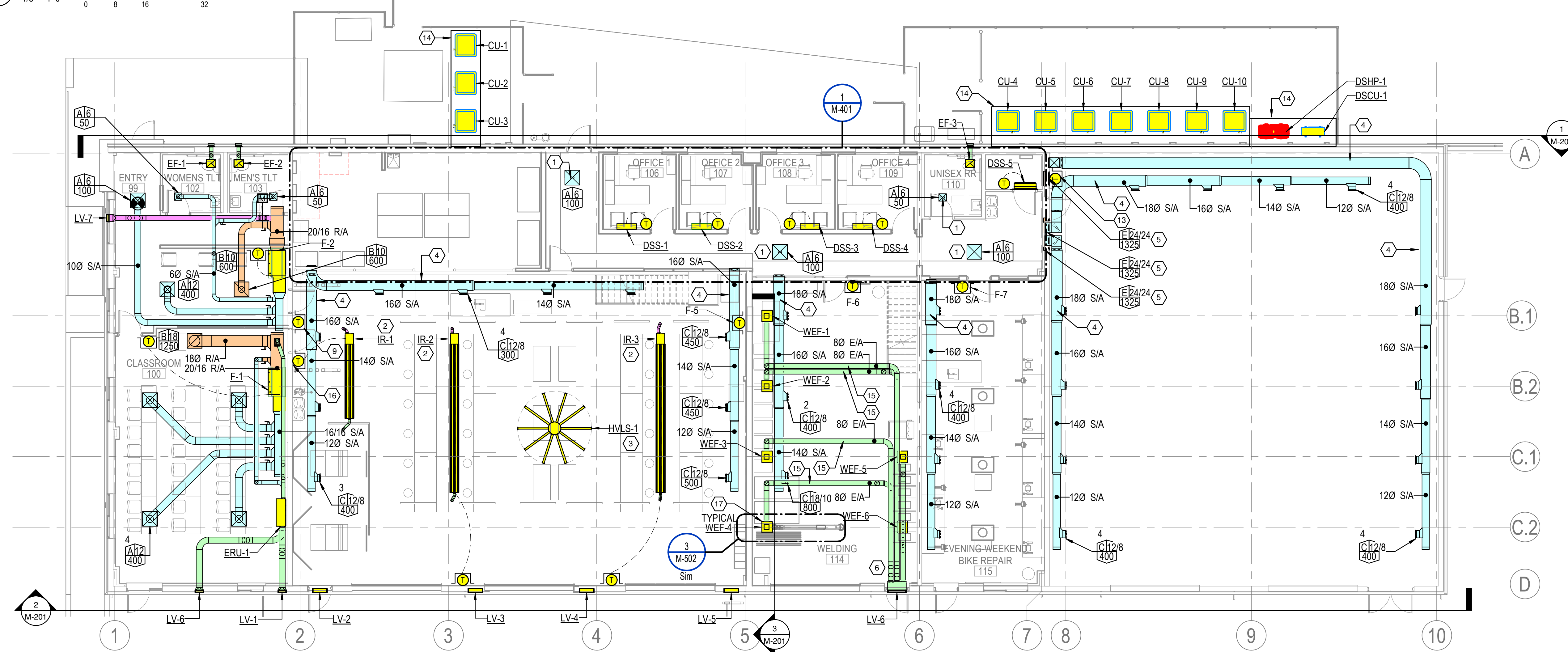
1 REFER TO SHEET M-001 FOR MECHANICAL NOTES, ABBREVIATIONS, AND LEGEND SYMBOLS.

**KEYED NOTES**

- 1 6" SUPPLY UP TO MEZZANINE.
- 2 MOUNT UNIT AT 11'-0" AFF.
- 3 MOUNT UNIT AT 14'-0" AFF.
- 4 MOUNT BOTTOM OF DUCT AT 16'-0" AFF.
- 5 MOUNT BOTTOM OF RETURN GRILLE AT 11'-7".
- 6 PROVIDE BACKDRAFT DAMPER FOR EACH 8" EXHAUST DUCT.
- 7 ROUTE CONDENSATE PIPING UP TO MEZZANINE LEVEL.
- 8 ROUTE CONDENSATE PIPING ABOVE CEILING.
- 9 THERMOSTAT LOCATION FOR F-3 AND F-4.
- 10 CONCENTRIC VENT TERMINATION. MAINTAIN 10'-0" DISTANCE FROM ANY OUTSIDE AIR INTAKE.
- 11 ROUTE CONDENSATE PIPING DOWN EXTERIOR WALL AND TERMINATE OUTSIDE BUILDING 12" AFF.
- 12 ROUTE REFRIGERANT LINES IN WALL UP TO MEZZANINE LEVEL.
- 13 THERMOSTAT LOCATION FOR F-8, F-9, AND F-10.
- 14 EQUIPMENT PAD. REFERENCE DETAIL 8/M-501.
- 15 MOUNT BOTTOM OF DUCT AT 16'-0".
- 16 HVLS-1 CONTROLLER LOCATION. MOUNT 54" AFF.
- 17 FLEXIBLE EXTRACTION ARM SYSTEM EQUAL TO "PLYMOVENT KJA-180 TYPE H-D" WITH HANGING BRACKET AND BALL BEARING SWIVEL TO SUPPORT FLEXIBLE EXTRACTION ARM AND ASSOCIATED WELDING EXHAUST FAN "WEF" (SEE SCHEDULE FOR MORE INFORMATION). EXTRACTION ARMS SHALL BE 160MM DIAMETER WITH EXTERNAL HINGES AND A MINIMUM WORKING RANGE OF 13 FEET. PROVIDE FAN DISCHARGE SILENCER, 24V WORKING LIGHT AND MANUAL SWITCH FOR LIGHT AND FAN ACTIVATION, WITH COMBINATION MOTOR CONTROLLER/STARTER/LOW VOLTAGE POWER SUPPLY EQUAL TO PLYMOVENT ES-90. MOUNT HANGING BRACKETS AT TOP SUPPORTING COLUMNS (SEE ARCHITECTURAL AND STRUCTURAL SHEETS) - APPROXIMATELY 9'4" A.F.F. USE ONLY LONG RADIUS ELBOWS IN ASSOCIATED EXHAUST DUCT.



2 FIRST FLOOR HVAC PIPING PLAN  
1/8" = 1'-0"



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

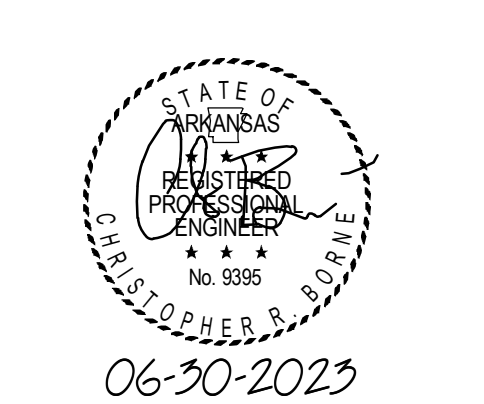
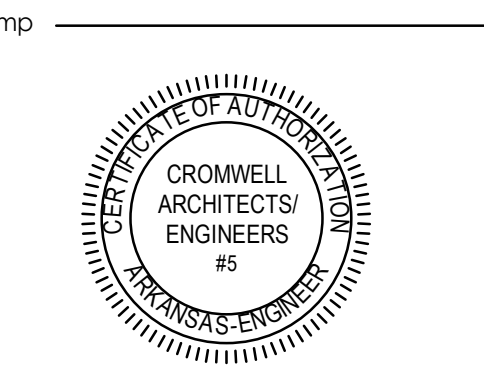


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**MECHANICAL PLANS**

Sheet Number

**M-101**

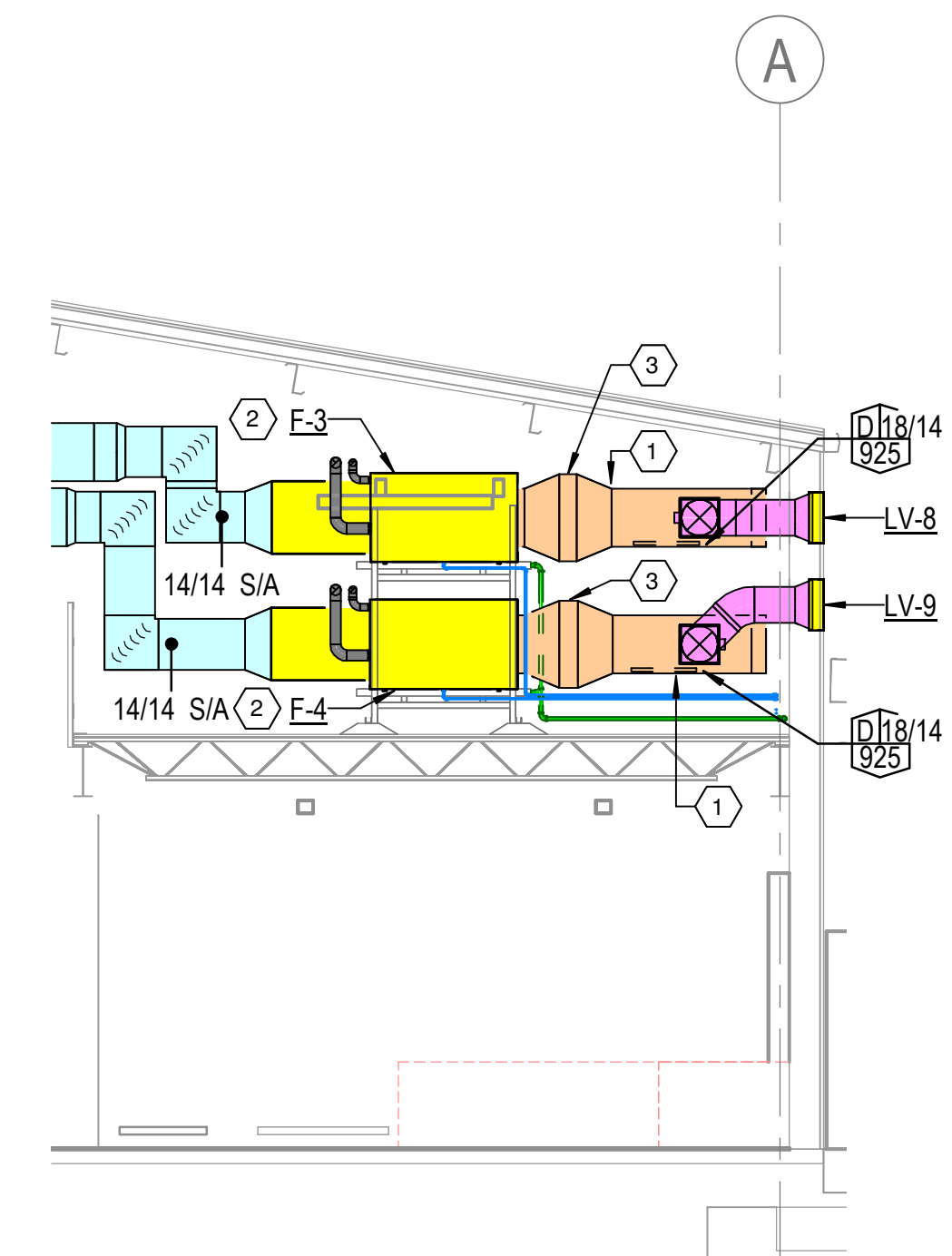


**GENERAL NOTES**

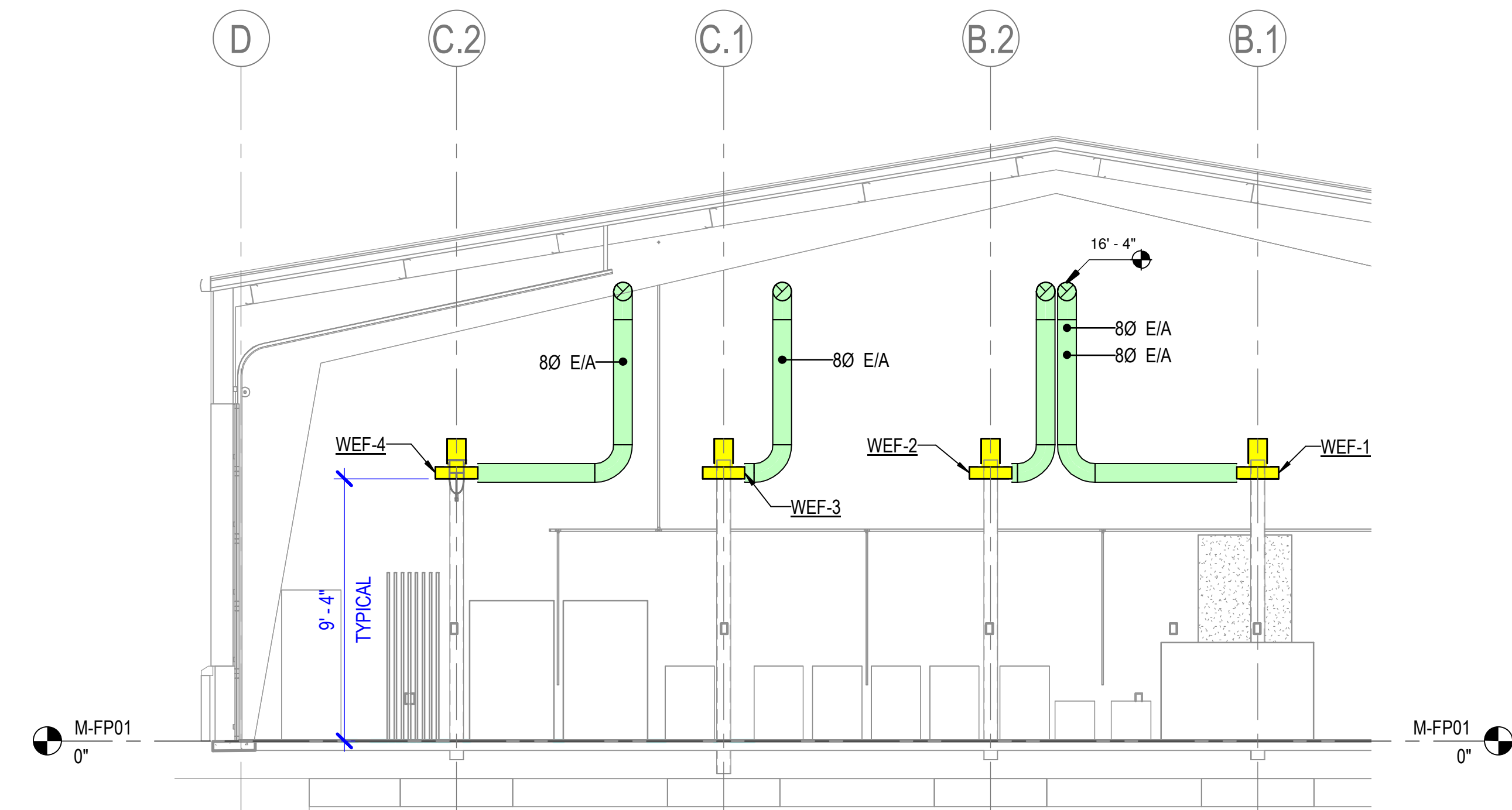
1 REFER TO SHEET M-001 FOR MECHANICAL NOTES, ABBREVIATIONS, AND LEGEND SYMBOLS.

**KEYED NOTES**

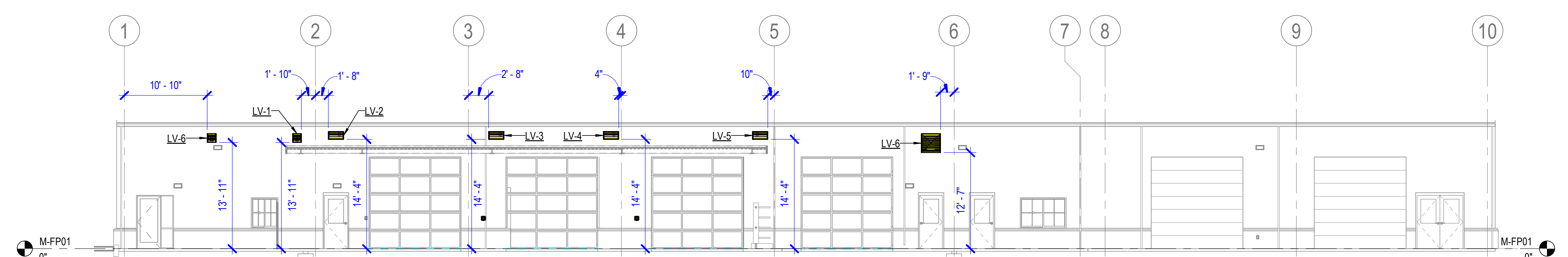
- 1 PROVIDE FULL SIZE RETURN AIR PLENUM TO MATCH FURNACE CONNECTION SIZE.
- 2 F-3 AND F-4 TO BE MOUNTED ON MIRO MODEL 8HD-CO-2H EQUIPMENT RACK. PROVIDE RHEEM RX8M-AC61 SECONDARY HORIZONTAL DRAIN PAN WITH RAIL AND FLOAT SWITCH FOR AUTOMATIC UNIT SHUT DOWN FOR EACH FURNACE UNIT.
- 3 24"x24" FILTER RACK TO ACCOMMODATE 2" MERV 8 FILTERS.
- 4 CONCENTRIC VENT TERMINATION. MAINTAIN 10'-0" DISTANCE FROM ANY OUTSIDE AIR INTAKE.



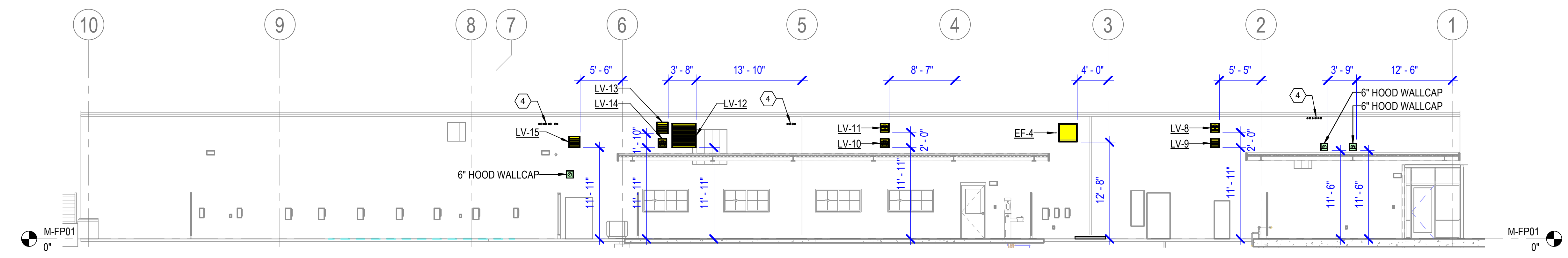
**4 F-3 / F-4 ELEVATION**  
1/4" = 1'-0"  
0 8 16 32



**3 WELDING EXHAUST ELEVATION**  
1/4" = 1'-0"  
0 8 16 32



**2 HVAC SOUTH ELEVATION**  
1/8" = 1'-0"  
0 8 16 32



**1 HVAC NORTH ELEVATION**  
1/8" = 1'-0"  
0 8 16 32



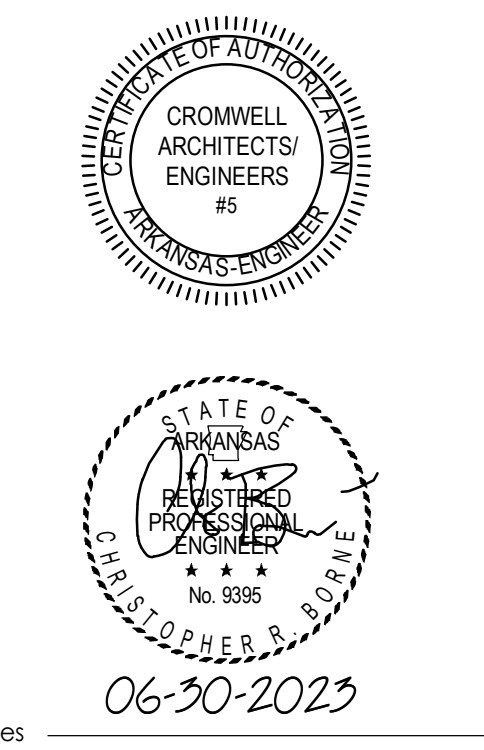
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Sheet Title \_\_\_\_\_

**MECHANICAL ELEVATIONS**

Sheet Number \_\_\_\_\_

**M-201**





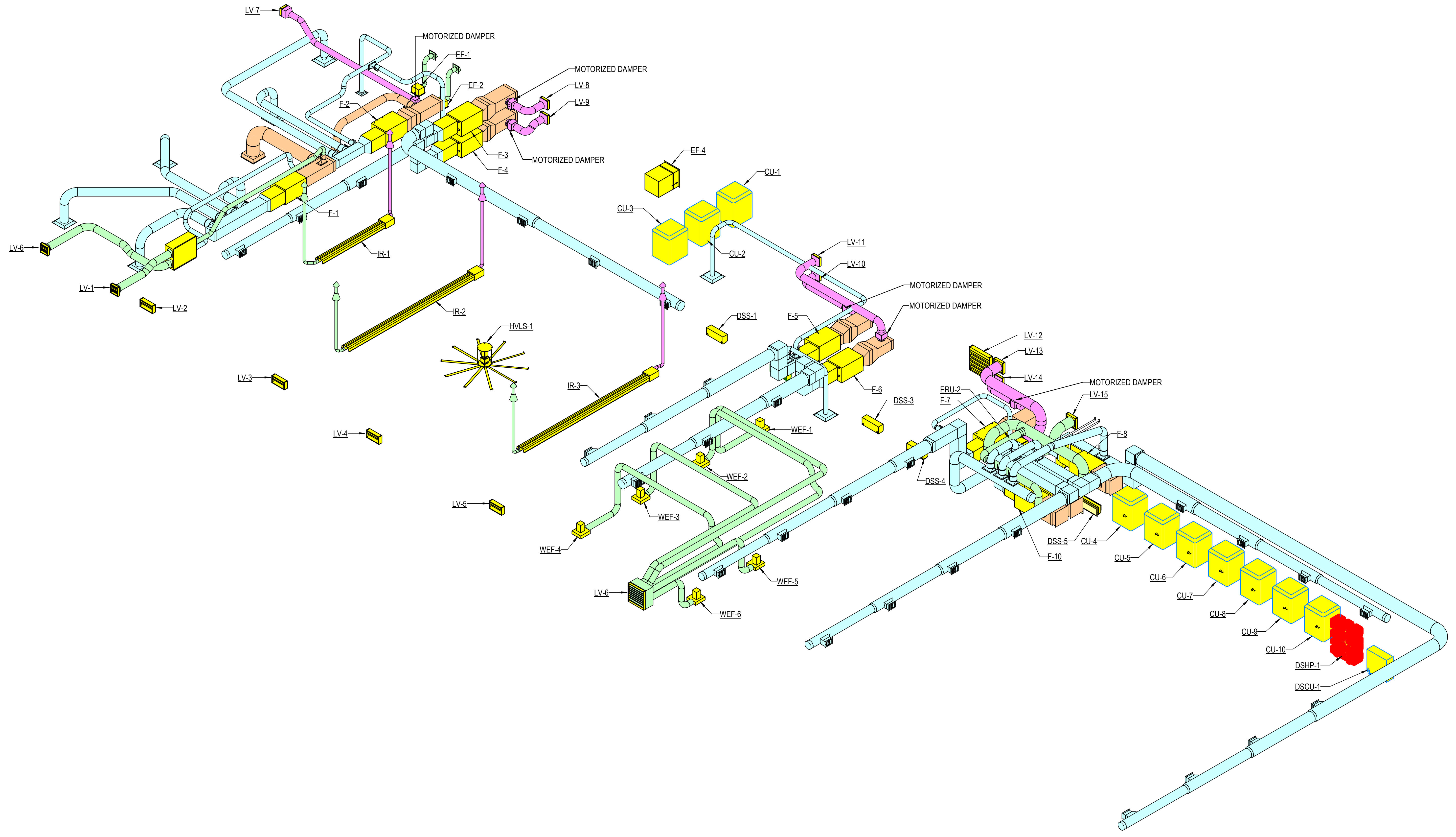








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 Issue Date **2023-049**  
 Sheet Title **06-30-2023**

**MECHANICAL ISOMETRICS**

Sheet Number \_\_\_\_\_  
**M-901**

ELECTRICAL SYMBOLS

- RECEPTACLES (MOUNTED 18" AFF UNLESS INDICATED OTHERWISE)
DUPLEX RECEPTACLE OUTLET (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R)
DUPLEX RECEPTACLE OUTLET (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R) MOUNT 4" ABOVE COUNTER TOP, SINK, OR BACKSPASH (IF PRESENT)
SINGLE RECEPTACLE OUTLET (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R)
FLOOR RECEPTACLE OUTLET (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R)
SINGLE RECEPTACLE OUTLET (50A, 250V, 3 POLE, 3 WIRE, NEMA 10-50R)
SINGLE RECEPTACLE OUTLET (20A, 250V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 6-20R)
SINGLE RECEPTACLE OUTLET (30A, 250V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 6-30R)
SINGLE RECEPTACLE OUTLET (30A, 250V, 3 POLE, 4 WIRE, TWIST-LOCK, GROUNDING TYPE, NEMA L15-30R)
SINGLE SPECIAL-PURPOSE RECEPTACLE OUTLET. NUMBER CORRESPONDS TO THE SPECIAL-PURPOSE RECEPTACLE SCHEDULE
SINGLE RECEPTACLE FOR ELECTRIC RANGE (50A, 125/250V, 3 POLE, 4 WIRE, GROUNDING TYPE, NEMA 14-50R)
DUPLEX RECEPTACLE MOUNTED IN CEILING (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R)
TWO (2) DUPLEX RECEPTACLES MOUNTED IN DOUBLE GANG BACKBOX (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R)
TWO (2) DUPLEX RECEPTACLES FLOOR MOUNTED IN DOUBLE GANG BACKBOX (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R)

- LIGHT FIXTURES (SEE FIXTURE SCHEDULE ON E-603 FOR TYPE)
LIGHT FIXTURE, CEILING MOUNTED
LIGHT FIXTURE, CEILING MOUNTED, ON EMERGENCY CIRCUIT
LIGHT FIXTURE, CEILING MOUNTED, WITH EMERGENCY SELF CONTAINED BATTERY PACK. BATTERY PACK IS TO REMAIN UNSWITCHED.
LIGHT FIXTURE, WALL MOUNTED
LIGHT FIXTURE, INDUSTRIAL STRIP, SURFACE OR PENDANT MOUNTED
LIGHT FIXTURE, INDUSTRIAL STRIP, SURFACE OR PENDANT MOUNTED, ON EMERGENCY CIRCUIT
LIGHT FIXTURE, INDUSTRIAL STRIP, SURFACE OR PENDANT MOUNTED, WITH EMERGENCY SELF CONTAINED BATTERY PACK. BATTERY PACK IS TO REMAIN UNSWITCHED.
LIGHT FIXTURE, CEILING MOUNTED
LIGHT FIXTURE, CEILING MOUNTED, ON EMERGENCY CIRCUIT
LIGHT FIXTURE, CEILING MOUNTED, WITH EMERGENCY SELF CONTAINED BATTERY PACK. BATTERY PACK IS TO REMAIN UNSWITCHED.
LIGHT FIXTURE, WALL MOUNTED
EMERGENCY BATTERY POWERED LIGHTING UNIT, WITH SELF CONTAINED BATTERY, CHARGER, ETC. (REFER TO FIXTURE SCHEDULE FOR BATTERY TYPE, VOLTAGE, LAMP TYPE, WATTAGE, ETC.) TRIANGLES DEPICT QUANTITY AND AIMING OF LAMP HEADS
EXIT SIGN, LIGHTED, CEILING MOUNTED. SHADED AREA INDICATES FACE. ARROW DEPICTS DIRECTIONAL ARROW ON SIGN. WHEN REQUIRED BY THE FIXTURE SCHEDULE, AN EMERGENCY SELF-CONTAINED BATTERY PACK IS TO REMAIN UNSWITCHED.
EXIT SIGN, LIGHTED, WALL MOUNTED AT 7'-6" AFF (TO BOTTOM OF SIGN) UNLESS INDICATED OTHERWISE. ARROW DEPICTS DIRECTIONAL ARROW ON SIGN. WHEN REQUIRED BY THE FIXTURE SCHEDULE, AN EMERGENCY SELF-CONTAINED BATTERY PACK IS TO REMAIN UNSWITCHED.
TRACK LIGHT, ARROW INDICATES DIRECTION OF BEAM
DOCK LIGHT
PARKING AREA LIGHT FIXTURE, POLE MOUNTED

LIGHT FIXTURE IDENTIFICATION
LOWER CASE LETTER BESIDE FIXTURE DENOTES SWITCH CONTROL (WHERE APPLICABLE)
UPPER CASE LETTER BESIDE EACH FIXTURE DENOTES FIXTURE TYPE.

- SWITCHGEAR
MAGNETIC MOTOR STARTER (FURNISHED BY DIVISION 23, UNLESS NOTED OTHERWISE)
ELECTRICAL PANELBOARD, FLUSH MOUNTED
ELECTRICAL PANELBOARD, SURFACE MOUNTED
EXISTING ELECTRICAL PANELBOARD, FLUSH MOUNTED
EXISTING ELECTRICAL PANELBOARD, SURFACE MOUNTED
SAFETY SWITCH; 30A CURRENT RATING UNLESS NOTED OTHERWISE. +4'-0" TO HANDLE
FUSIBLE SAFETY SWITCH; CURRENT RATING AND FUSE RATING NOTED. +4'-0" TO HANDLE
CIRCUIT BREAKER IN WALL MOUNTED ENCLOSURE
ELECTRICAL TRANSFORMER, FLOOR MOUNTED UNLESS INDICATED OTHERWISE

ELECTRICAL SYMBOLS

- TELEPHONE/COMMUNICATIONS/DATA (OUTLETS SHALL BE MOUNTED 18" AFF UNLESS INDICATED OTHERWISE) PROVIDE CAT-6 CABLE TO EACH DROP AND RUN BACK TO DATA SERVER CLOSET 111. COORDINATE WITH OWNER FOR FINAL TERMINATION LOCATION OF ALL DROPS.
TELEPHONE OUTLET. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND CAT-6 CABLE. SUBSCRIPT: 'W' - WALL MOUNTED AT 54" AFF;
TELEPHONE FLOOR OUTLET. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND CAT-6 CABLE.
DATA OUTLET. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND CAT-6 CABLE. 'H' - DENOTES A CAT-6 CABLE WITH HDMI ADAPTERS TO FEED TV'S.
DATA FLOOR OUTLET. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND CAT-6 CABLE.
DATA CEILING OUTLET. OUTLET BOX WITH 1" C STUBBED FROM CEILING SPACE AND CAT-6 CABLE. 'H' - DENOTES A CAT-6 CABLE WITH HDMI ADAPTERS TO FEED TV'S.
COMBINATION VOICE/DATA OUTLET. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND CAT-6 CABLE.
COMBINATION VOICE/DATA FLOOR OUTLET. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND CAT-6 CABLE.
4'-0" HIGH x 3/4" THICK FIRE-RETARDANT PLYWOOD BACKBOARD. SEE PLANS FOR LENGTH.
WIRELESS ACCESS POINT OUTLET CEILING MOUNTED. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND CAT 6 CABLE. NUMBER INDICATES QUANTITY OF DATA JACKS. ABSENCE OF A NUMBER INDICATES ONE DATA JACK.

- SINGLE LINE
CIRCUIT BREAKER, TRIP RATING AS INDICATED, 3 POLE OR AS INDICATED
DISCONNECT SWITCH OR LOAD INTERRUPTER SWITCH, CURRENT RATING AS INDICATED, 3 POLE OR AS INDICATED
SWITCH WITH GROUND FAULT INTERRUPTER
FUSE, CURRENT RATING AND TYPE WHEN INDICATED
TRANSFORMER, DESCRIPTION AS NOTED OR PER SCHEDULE
CURRENT TRANSFORMER
POTENTIAL TRANSFORMER
PHASE SELECTOR SWITCH
AMMETER
VOLTMETER
WATT-HOUR METER
SURGE PROTECTIVE DEVICE
AUTOMATIC TRANSFER SWITCH
GENERATOR

- SWITCHES (MOUNTED AT 48", UNLESS INDICATED OTHERWISE) (LOWER CASE LETTER INDICATES DEVICES CONTROLLED)
SWITCH, SINGLE POLE, 20A
SWITCH, DOUBLE POLE, 20A SWITCH
3-WAY, 20A SWITCH
4-WAY, 20A SWITCH
3-WAY DIMMER, 20A SWITCH
SINGLE POLE SWITCH, WITH PILOT LIGHT
SINGLE POLE MANUAL MOTOR STARTING SWITCH, WITH THERMAL OVERLOAD ELEMENT AND PROVISIONS FOR LOCKING OPEN
SWITCH, DIMMING (COORDINATE WITH FIXTURE MANUFACTURER)
SWITCH, MULLION SWITCH
LOW VOLTAGE WITH MOMENTARY CONTACTS SWITCH
OCCUPANCY SENSOR, WALL MOUNTED, DUAL TECHNOLOGY
OCCUPANCY SENSOR & DIMMER, WALL MOUNTED, DUAL TECHNOLOGY
OCCUPANCY SENSOR, CEILING MOUNTED, DUAL TECHNOLOGY
PHOTOCCELL
MULTIPLE DEVICES LOCATED SIDE BY SIDE (OR ABOVE AND BELOW, IF DIFFERENT ELEVATIONS ARE SHOWN) AT THE LOCATION INDICATED

ELECTRICAL SYMBOLS

- MISCELLANEOUS
JUNCTION BOX, WALL MOUNT AS INDICATED
JUNCTION BOX, CEILING MOUNT AS INDICATED
CLOCK OUTLET, WALL MOUNTED 7'-6" AFF
MOTOR
10' BARE #6 COILED & EXOTHERMICALLY WELDED TO COLUMN
CABLE TELEVISION OUTLET BOX MOUNTED AS INDICATED WITH CONDUIT STUBBED ABOVE CEILING. PROVIDE CAT-6 CABLE TO IT CLOSET 111.
CONDUIT RUN, EXPOSED
CONDUIT RUN, CONCEALED
FLEXIBLE CONDUIT
CIRCUIT INFORMATION
HOMERUN DESIGNATION
PHASE CONDUCTOR(S)
EQUIPMENT GROUND (PROVIDE EQUIPMENT GROUND FOR ALL BRANCH CIRCUITS AND FEEDERS, WHETHER SHOWN OR NOT. WHERE SHOWN TO SHARE A CONDUIT, BRANCH CIRCUITS SHALL SHARE EQUIPMENT GROUND UNLESS INDICATED OTHERWISE)
NEUTRAL
CONDUIT SIZE
WIRE SIZE
CIRCUIT DESIGNATION
CIRCUIT DESIGNATION INDICATES PANELBOARD AND CIRCUIT(S) TO WHICH HOMERUN IS CONNECTED.
WIRE SIZE SHALL BE NO. 12, UNLESS INDICATED OTHERWISE.
CONDUIT SIZE SHALL BE MINIMUM ALLOWED BY SPECIFICATIONS FOR NO. 12 SIZE WIRE, 3/4" FOR NO. 10, UNLESS INDICATED OTHERWISE.
CIRCUIT INFORMATION PROVIDED AT THE HOMERUN SYMBOL SHALL APPLY THE ENTIRE LENGTH OF THE CIRCUIT (FROM PANELBOARD TO LAST LOAD).
WHEN NO PHASE CONDUCTOR OR NEUTRAL IS INDICATED AT THE HOMERUN SYMBOL, PROVIDE ONE PHASE CONDUCTOR AND ONE NEUTRAL, BOTH NO. 12.
SWITCHING CONDUCTORS, CONDUCTORS FOR NIGHT LIGHT CIRCUITS (UNSWITCHED), ETC. ARE NOT SHOWN, BUT SHALL BE PROVIDED AS NECESSARY.
WIRE SIZE INDICATED ON THESE DOCUMENTS AS INDICATED BY "NO." OR "W" HAS THE SAME MEANING AS "AWG" (N.E.C. NOMENCLATURE). (I.E."NO. 12" OR "W 12" MEANS "12AWG" IN N.E.C. NOMENCLATURE.)

ELECTRICAL SYMBOLS

- SECURITY: OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND CAT-6 CABLE.
MAGNETIC ALARM SWITCH
DURESS ALARM SWITCH
MOTION DETECTOR
CAPACITIVE DETECTOR
CCTV CAMERA LOCATION, CEILING MOUNTED UNLESS INDICATED OTHERWISE
KEYPAD ACCESS ALARM OVERRIDE CONTROL
ELECTRIC PUSH-BUTTON
CARD READER
ELECTRIC STRIKE
REQUEST TO EXIT PUSH BUTTON

- ABBREVIATIONS:
AFF = ABOVE FINISHED FLOOR
AFL = ABOVE FINISHED LANDING
GFI = GROUND FAULT INTERRUPTER
IG = ISOLATED GROUND
UIO = UNLESS INDICATED OTHERWISE
WP = WEATHERPROOF CONSTRUCTION
OF/OI = OWNER FURNISHED / OWNER INSTALLED
CF/CI = CONTRACTOR FURNISHED / CONTRACTOR INSTALLED
TYP = TYPICAL
NIC = NOT IN CONTRACT

- GENERAL SYMBOLS NOTES:
1. ALL SYMBOLS MAY NOT BE USED.
2. MOUNTING HEIGHTS ARE ABOVE FINISHED FLOOR OR GRADE TO THE CENTER LINE OF THE OUTLET, DEVICE, ETC. UNLESS INDICATED OTHERWISE.
3. LARGE AMPACITY CIRCUIT DESIGNATION
EXAMPLE: 4 SETS OF 3#500, #250, #1/0G, 4"C MEANS IN EACH OF FOUR 4" CONDUITS INSTALL THREE 500 KCM CONDUCTORS, ONE 250 KCM NEUTRAL AND ONE #1/0 GROUND.



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Project Number 2023-049
Issue Date 06-30-2023
Sheet Title

ELECTRICAL LEGEND
E-001





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**ELECTRICAL DEMOLITION PLAN**

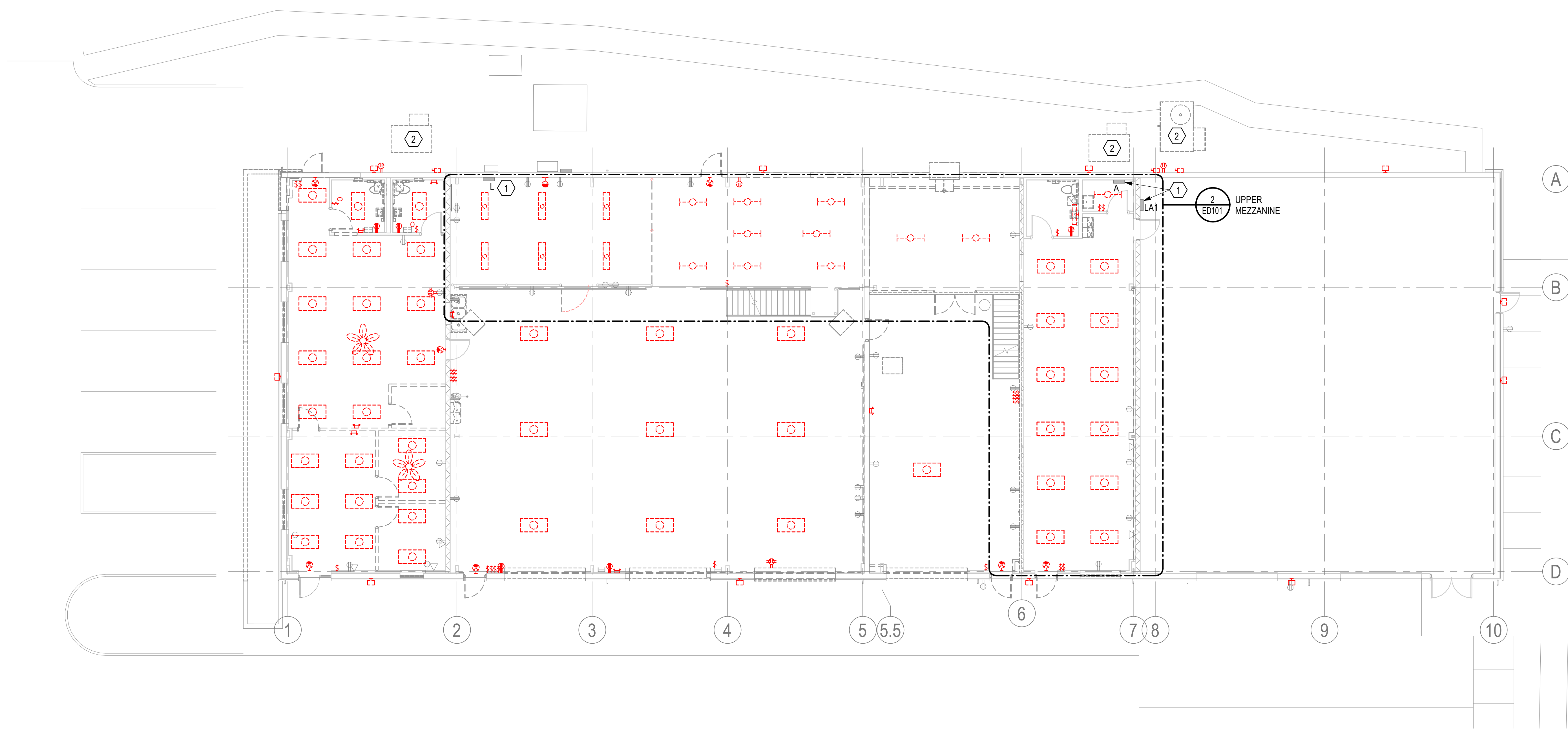
Sheet Number \_\_\_\_\_  
**ED101**

**GENERAL NOTES:**

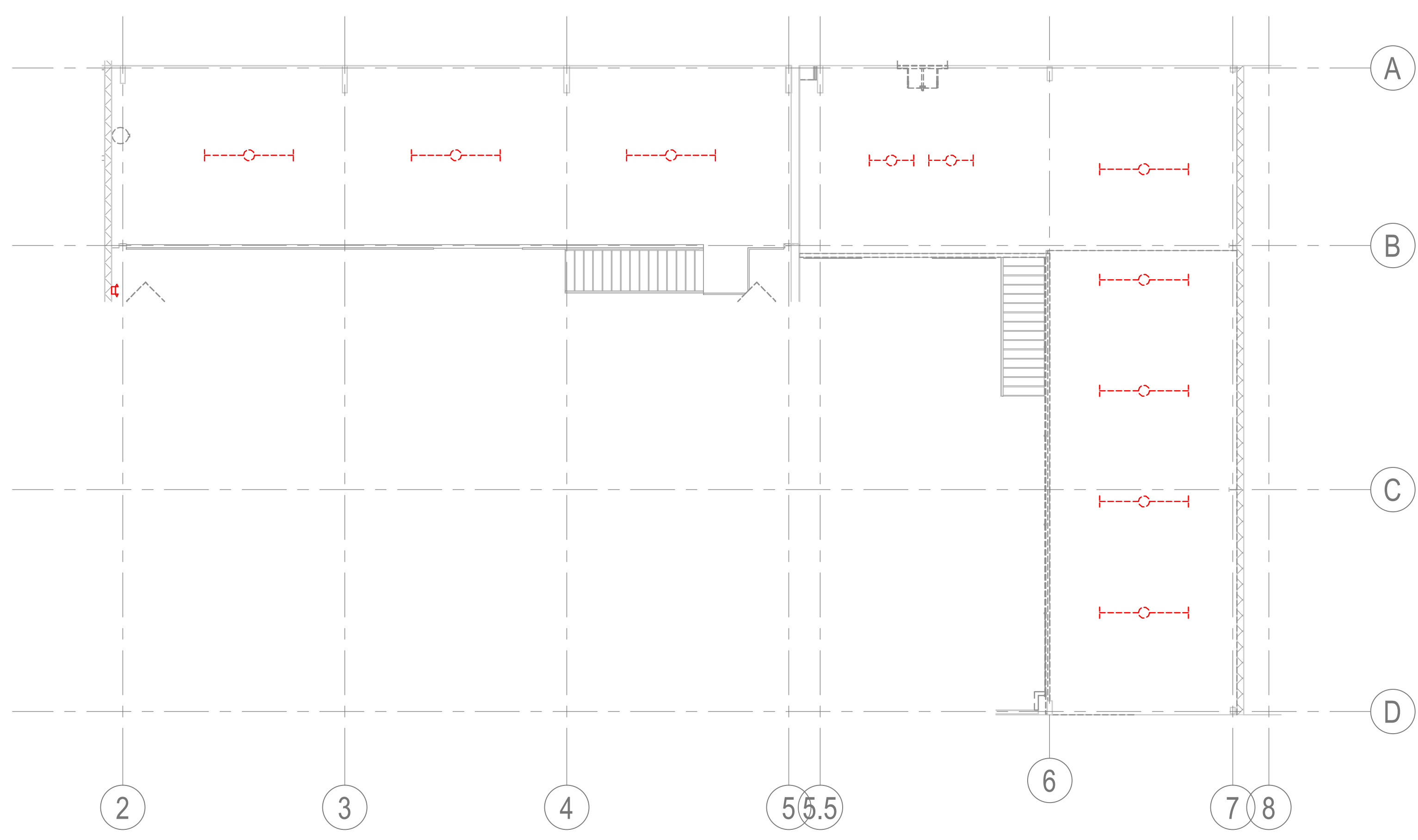
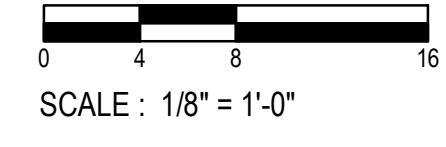
- A. INFORMATION REGARDING EXISTING CONDITIONS WAS TAKEN FROM RECORD DRAWINGS AND CASUAL SITE OBSERVATIONS. INFORMATION MAY BE INCOMPLETE. VERIFY AND DOCUMENT EXISTING CONDITIONS PRIOR TO DEMOLITION.
- B. UNLESS INDICATED OTHERWISE, REMOVE ALL ELECTRICAL DEVICES SHOWN DASHED ON THIS SHEET. MODIFY CIRCUIT(S) AS REQUIRED FOR REMAINING DEVICES TO REMAIN OPERATIONAL.
- C. ALL EXISTING PANELBOARDS AND FIRE ALARM CONTROL PANEL ARE EXISTING TO REMAIN.
- D. IN AREAS TO BE DEMOLISHED REMOVE LIGHT FIXTURES, LIGHTING CIRCUITS AND LIGHTING CONTROLS IN WALLS, CEILINGS, MILLWORK, ETC., WHETHER SHOWN ON THIS PLAN OR NOT.
- E. REMOVE CONDUIT AND CONDUCTORS OF DEMOLISHED CIRCUITS TO THE POINT OF ORIGIN (PANELBOARD AND J-BOX FOR CIRCUITS TO BE PARTIALLY REMOVED). INSTALL COVERS ON HOLES IN J-BOXES AND PANELBOARDS. MARK BREAKERS "SPARE" FOR CIRCUITS COMPLETELY REMOVED.

**KEYED NOTES:**

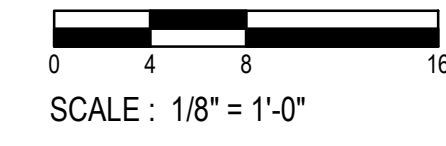
- ① EXISTING PANELBOARD TO REMAIN.
- ② MECHANICAL EQUIPMENT IS BEING REMOVED. DISCONNECT POWER AND REMOVE THE ENTIRE CIRCUITRY BACK TO PANEL OR NEAREST JUNCTION BOX TO REMAIN.



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



**2 UPPER MEZZANINE DEMOLITION PLAN**  
 1/8" = 1'-0"



**GENERAL NOTES:**

- A. REUSE EXISTING LIGHTING CIRCUITS. VERIFY ADEQUATE AMPACITY.
- B. ADJUST THE QUANTITY AND LOCATIONS OF OCCUPANCY SENSORS AS NECESSARY FOR FULL ROOM COVERAGE (MAXIMUM OF 500 SQ. FT COVERAGE PER SENSOR). THE DISTANCE BETWEEN SENSORS AND HVAC REGISTERS SHALL BE NO LESS THAN THE MINIMUM DISTANCE RECOMMENDED BY THE SENSOR MANUFACTURER.
- C. OCCUPANCY SENSORS SHALL CONTROL ALL NORMAL POWER LIGHT FIXTURES IN THE ROOM IN WHICH THEY ARE INSTALLED UNLESS OTHERWISE INDICATED.
- D. LOCATE ALL POWER PACKS FOR OCCUPANCY SENSORS ABOVE THE CEILING WHERE ACCESSIBLE.
- E. SET OCCUPANCY SENSORS TO A 15-MINUTE TIME DELAY.
- F. SET ALL WALL-MOUNTED OCCUPANCY SENSORS TO MANUAL-ON/AUTOMATIC-OFF.
- G. DO NOT COVER RECESSED LIGHTING FIXTURE WITH BATT INSULATION.
- H. UPDATE PANEL SCHEDULES FOR ANY CIRCUITS THAT ARE BEING AFFECTED IN ALL EXISTING PANELS. PROVIDE TYPED PANEL SCHEDULES IN EACH PANEL AT COMPLETION OF WORK. TURN SPARE BREAKERS OFF.
- J. LIGHTING CIRCUITRY ONLY SHOWN FOR CONTROL AREA PURPOSES.
- K. ALL EXTERIOR LIGHTING SHALL BE CONTROLLED VIA PHOTO SENSOR FOR DUSK TO DAWN OPERATION UNLESS INDICATED OTHERWISE.

**KEYED NOTES:**

- 1 CONNECT NEW LIGHTING TO EXISTING LIGHTING CIRCUIT. VERIFY CIRCUIT HAS SPARE CAPACITY.
- 2 MOUNT TO BOTTOM OF STRUCTURE.
- 3 CONTROL LIGHTS THROUGH LIGHTING CONTROL PANEL.
- 4 CONTROL FIXTURE WITH PHOTO SENSOR FOR DUSK TO DAWN OPERATION.
- 5 INSTALL TYPE D4 FIXTURES AT 11'-0" TO BOTTOM OF FIXTURES. KEEP ALL CONDUIT TIGHT TO STRUCTURE.
- 6 CHAIN HANG FIXTURES AS HIGH AS POSSIBLE TO BOTTOM OF STRUCTURE.
- 7 REPLACE EXISTING FIXTURE WITH NEW IN SAME LOCATION. CIRCUIT AND CONTROL AS BEFORE.
- 8 EXHAUST FAN IS TO BE POWERED AND CONTROLLED WITH LIGHTS.

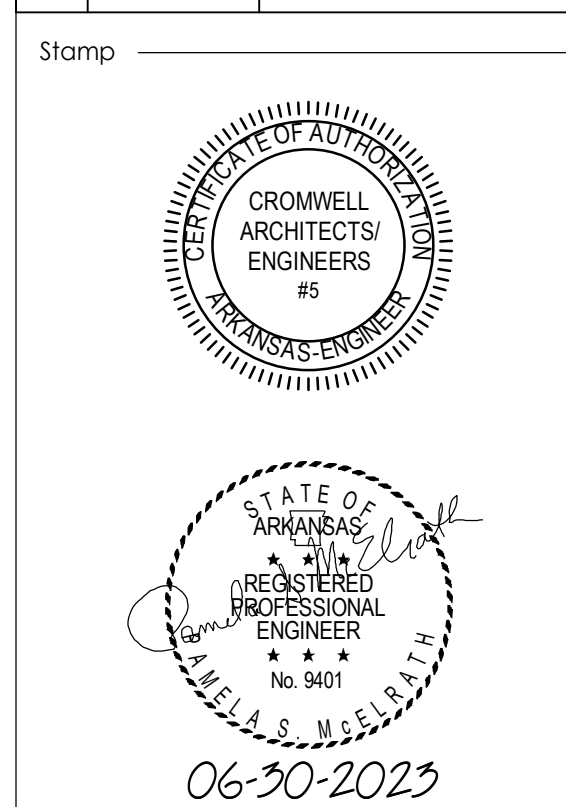


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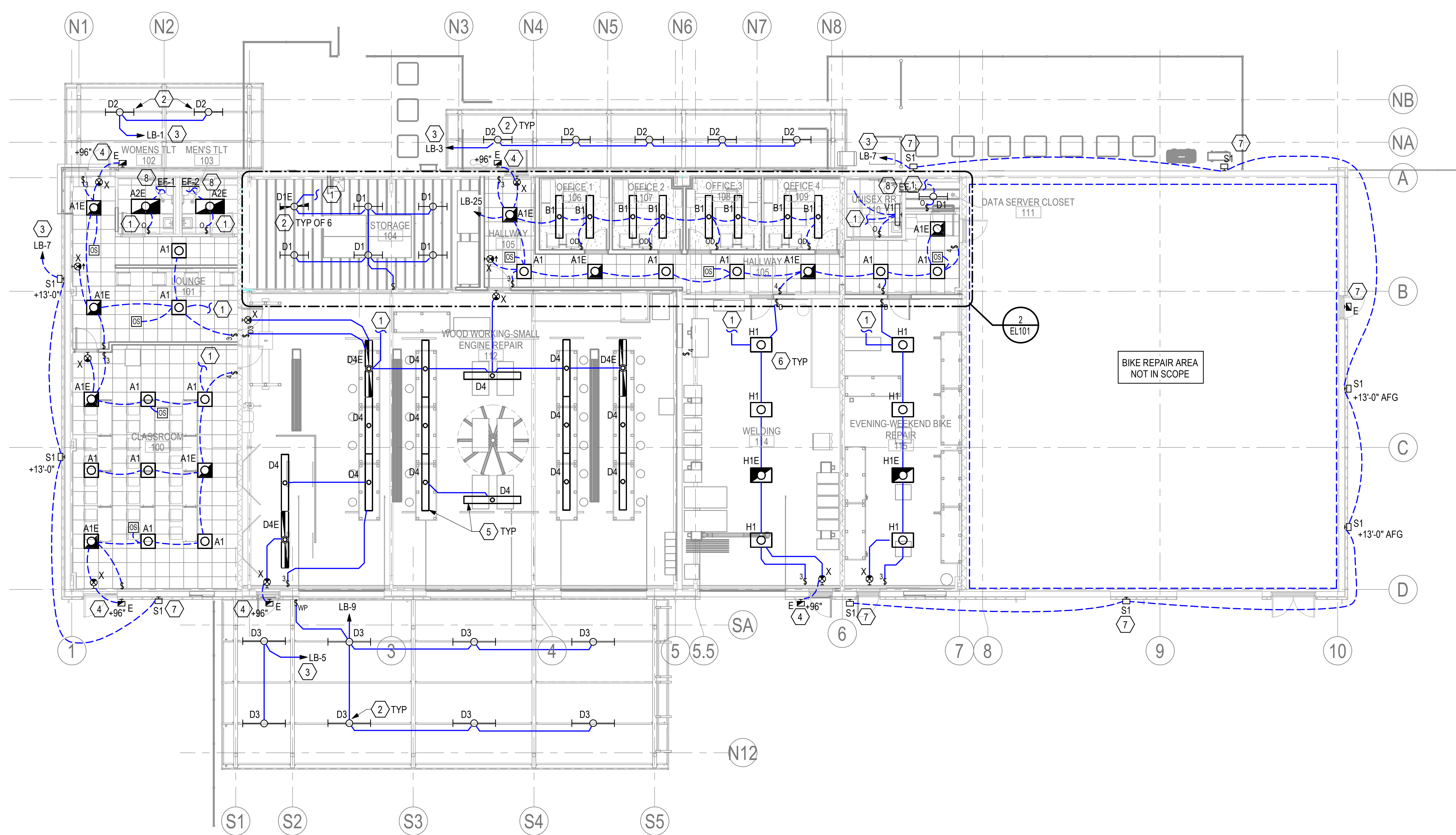
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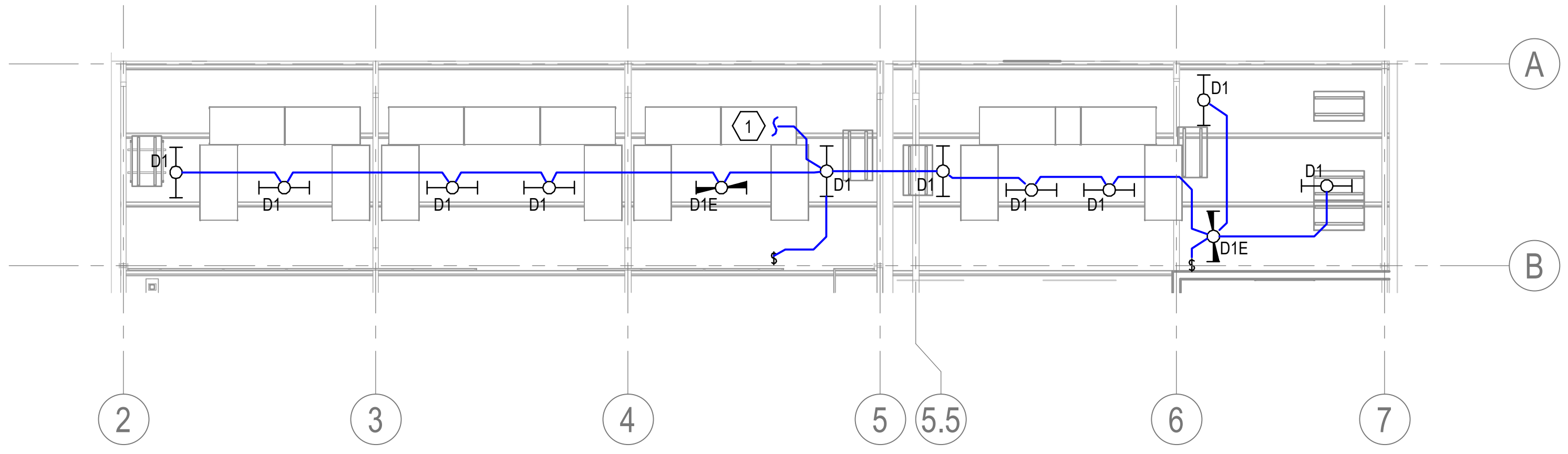


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**LIGHTING PLAN**  
 Sheet Number \_\_\_\_\_  
**EL101**



**1 LIGHTING PLAN**  
 1/8" = 1'-0"  
 SCALE: 1/8" = 1'-0"



**2 UPPER MEZZANINE LIGHTING PLAN**  
 1/8" = 1'-0"  
 SCALE: 1/8" = 1'-0"

**GENERAL NOTES:**

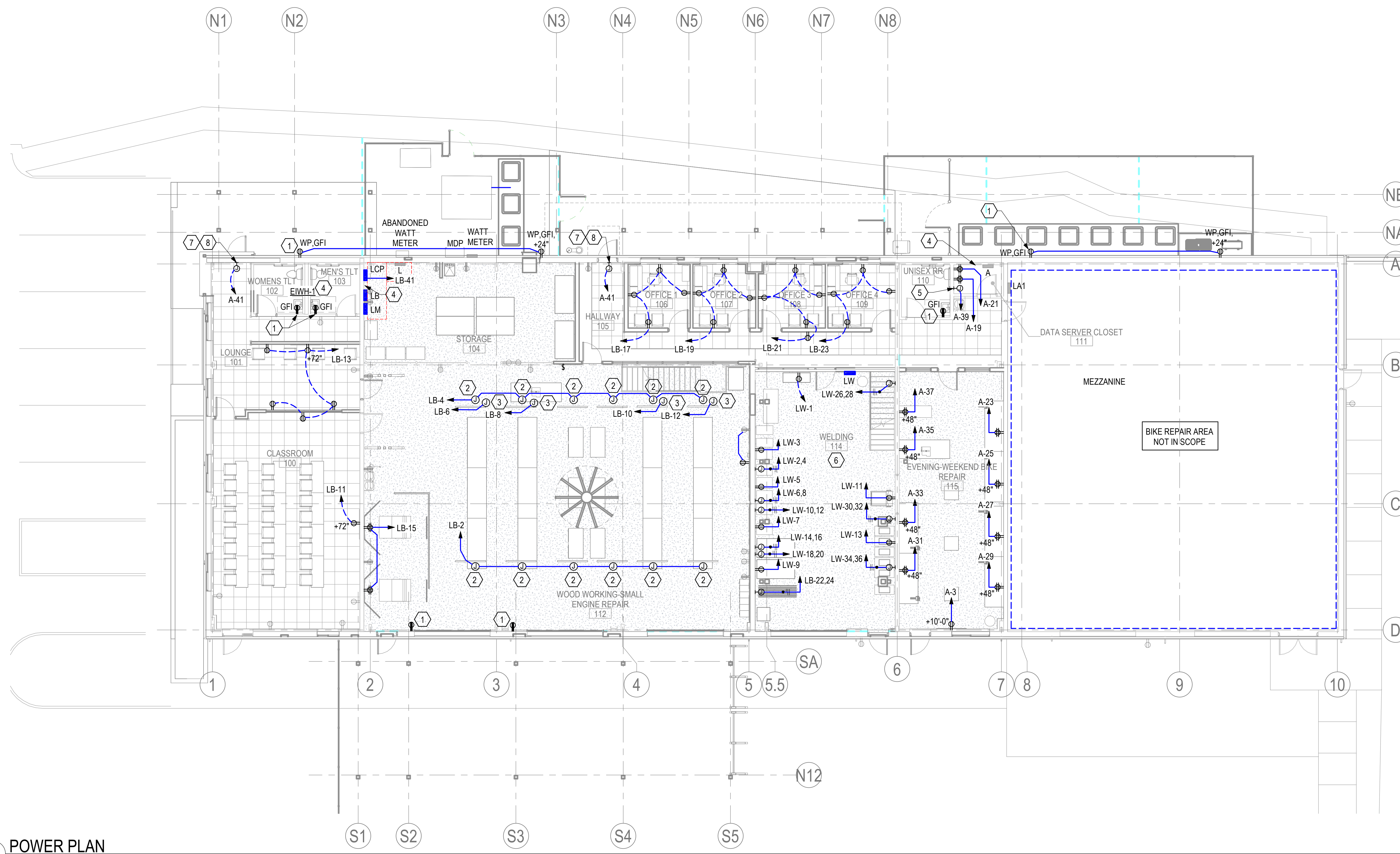
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- B. UPDATE PANEL SCHEDULES FOR ANY CIRCUITS THAT ARE BEING AFFECTED IN ALL EXISTING PANELS. PROVIDE AND INSTALL TYPED WRITTEN PANEL SCHEDULE IN EACH PANEL AT COMPLETION OF WORK. TURN SPARE BREAKERS OFF.
- C. EXISTING RECEPTACLES AND EQUIPMENT NOT SHOWN ARE TO REMAIN UNLESS NOTED OTHERWISE.



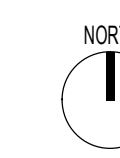
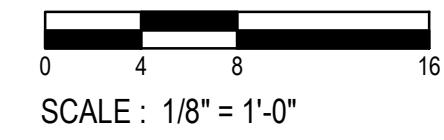
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**KEYED NOTES:**

- ① REPLACE EXISTING DEVICE WITH NEW. CONNECT TO EXISTING CIRCUIT.
- ② TV POWER - PROVIDE J-BOX AT CEILING AND TRANSITION TO 15' OF 12/3 SJOOV DROP CORD WITH KELLEMS STYLE WIRE MESH STRAIN RELIEF AND NEMA 5-20R CONNECTOR.
- ③ WORK BENCH POWER - PROVIDE J-BOX AT CEILING AND TRANSITION TO 25' OF 12/3 SJOOV DROP CORD WITH KELLEMS STYLE WIRE MESH STRAIN RELIEF AND NEMA 5-20R CONNECTOR.
- ④ PROVIDE COMMUNICATION GROUND BUSS - SEE DETAIL 2, SHEET E-501.
- ⑤ BAS CONTROL PANEL - COORDINATE FINAL LOCATION WITH MECHANICAL PRIOR TO ROUGH-IN.
- ⑥ COORDINATE ALL POWER LOCATIONS AND REQUIREMENTS IN WELDING 114 WITH OWNER PRIOR TO ROUGH IN. EQUIPMENT ELECTRICAL LOADS AND LOCATIONS ARE TENTATIVE. VERIFY FINAL EQUIPMENT SELECTIONS, LOCATIONS, AND REQUIREMENTS.
- ⑦ SECURITY ACCESS DOOR HARDWARE - PROVIDE POWER AS REQUIRED FROM PANEL A. COORDINATE LOCATION PER MANUFACTURER RECOMMENDATIONS. PROVIDE ALL NECESSARY HARDWARE AND ADDITIONAL ACCESSORIES TO COORDINATE ALL REQUIREMENTS WITH FIRE ALARM AND SECURITY SYSTEM.
- ⑧ JUNCTION BOX AND CONDUIT. MOUNT J-BOX 7'-6" ABOVE DOOR FOR ACCESS CONTROL CABLING. BOX SHALL BE 6"x6"x4" WITH REMOVABLE COVER. McMASTER-CARR PART #75065K11. ROUTE .75" C TO SERVER ROOM 111. COORDINATE LOCATION AND MOUNTING WITH OWNER.



**1 POWER PLAN**  
 1/8" = 1'-0"



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- B. UPDATE PANEL SCHEDULES FOR ANY CIRCUITS THAT ARE BEING AFFECTED IN ALL EXISTING PANELS. PROVIDE AND INSTALL TYPED WRITTEN PANEL SCHEDULE IN EACH PANEL AT COMPLETION OF WORK. TURN SPARE BREAKERS OFF.
- C. EXISTING RECEPTACLES AND EQUIPMENT NOT SHOWN ARE TO REMAIN UNLESS NOTED OTHERWISE. KEYED NOTES.

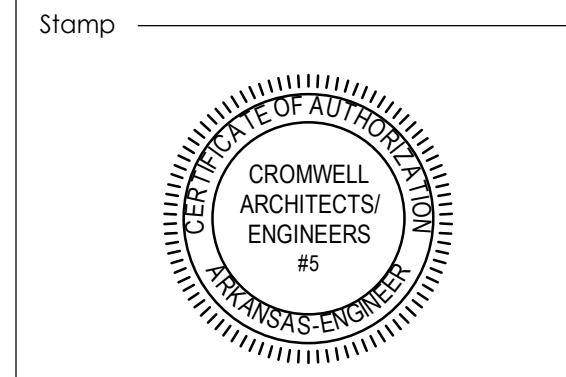


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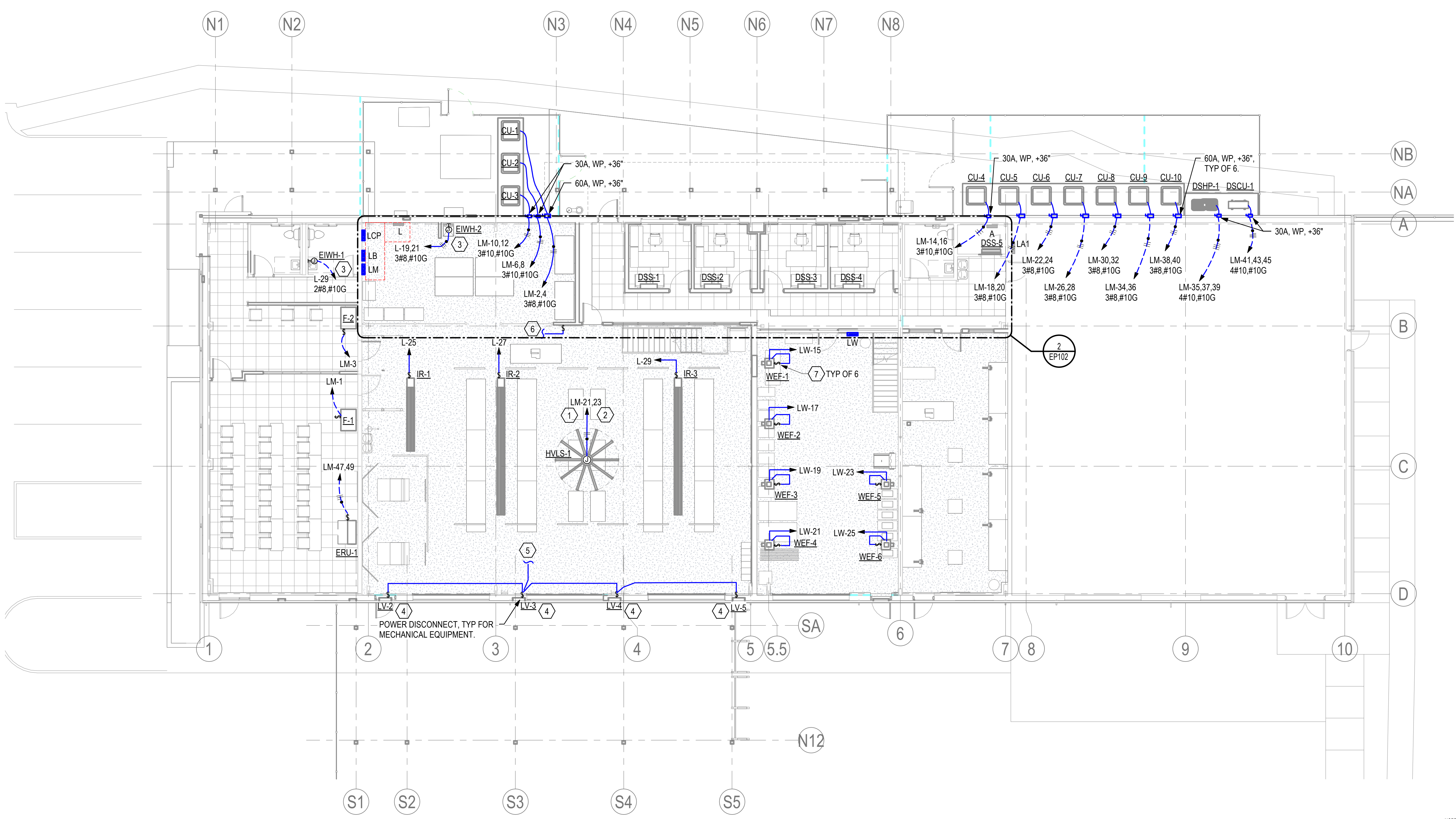
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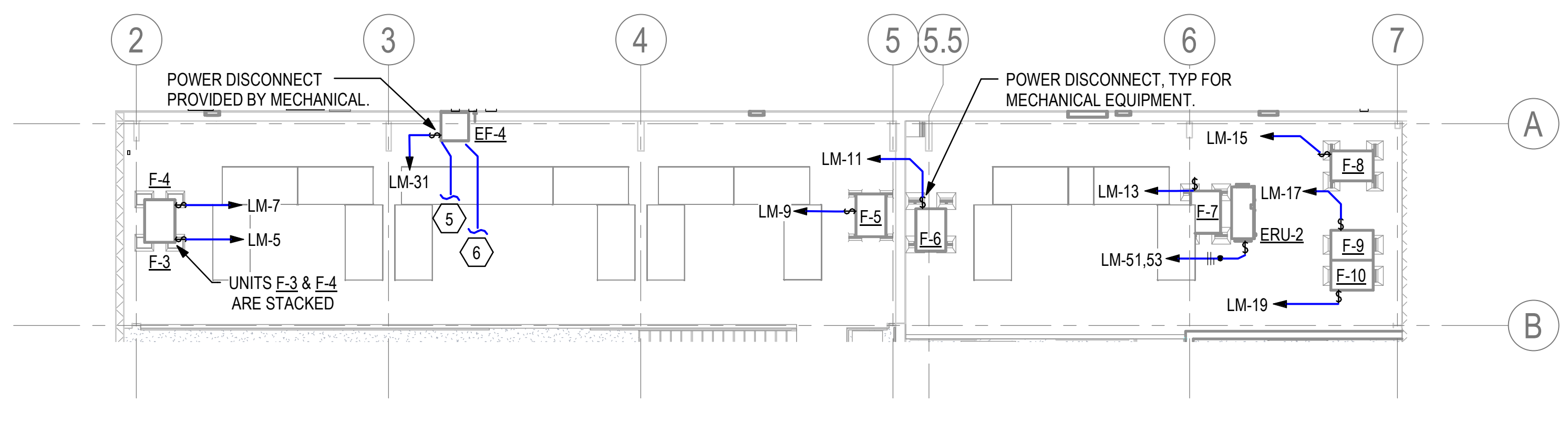
**MECHANICAL AND PLUMBING POWER PLAN**

Sheet Number

**EP102**



**1 MECHANICAL AND PLUMBING POWER PLAN**  
 1/8" = 1'-0"  
 SCALE: 1/8" = 1'-0"



**2 UPPER MEZZANINE POWER PLAN**  
 1/8" = 1'-0"  
 SCALE: 1/8" = 1'-0"

**KEYED NOTES:**

- 1 NEW HVLS FAN - CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. SEE MECHANICAL SHEETS FOR MAKE/MODEL INFORMATION.
- 2 COORDINATE LOCATION OF HVLS FAN CONTROLLER WITH OWNER.
- 3 COORDINATE ACTUAL LOCATION WITH PLUMBING PRIOR TO ROUGH IN.
- 4 MOUNT DISCONNECT SWITCH NEXT TO LOUVER UNIT.
- 5 CONNECT LOUVERS 2, 3, 4 & 5 TO SWITCHED CIRCUIT FOR EF-4.
- 6 SWITCH CONTROL FOR EF-4 AND LOUVERS 2, 3, 4 & 5.
- 7 CONTROL STARTER IS PROVIDED WITH UNIT. INSTALL CONTROL STARTER SWITCH AT +48".

**KEYED NOTES:**

- ① MOUNT CAMERA J-BOX JUST BELOW ROOF EAVE. PROVIDE 15' OF EXTRA CABLE AT THE JUNCTION BOX FOR POSSIBLE RELOCATION.
- ② PROVIDE J-BOX AT CEILING AND TRANSITION TO 15' OF CAT-6 DROP CABLE WITH STRAIN RELIEF TO HDMI CONNECTORS AT TV'S.

**GENERAL NOTES:**

- A. INFORMATION REGARDING EXISTING CONDITIONS WAS TAKEN FROM CASUAL SITE OBSERVATIONS. INFORMATION MAY BE INCOMPLETE. VERIFY AND DOCUMENT EXISTING CONDITIONS PRIOR TO DEMOLITION.
- B. COORDINATE FINAL LOCATION TO TERMINATE ALL DATA, SECURITY AND COMMUNICATION CABLE TO SERVER CLOSET 111.

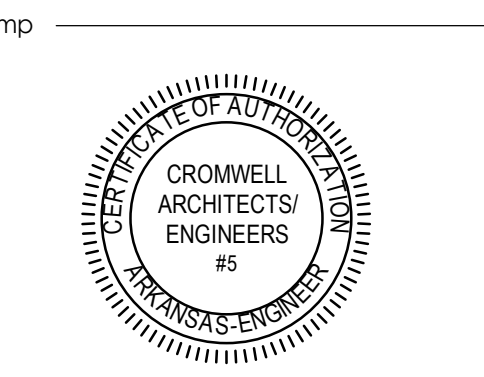


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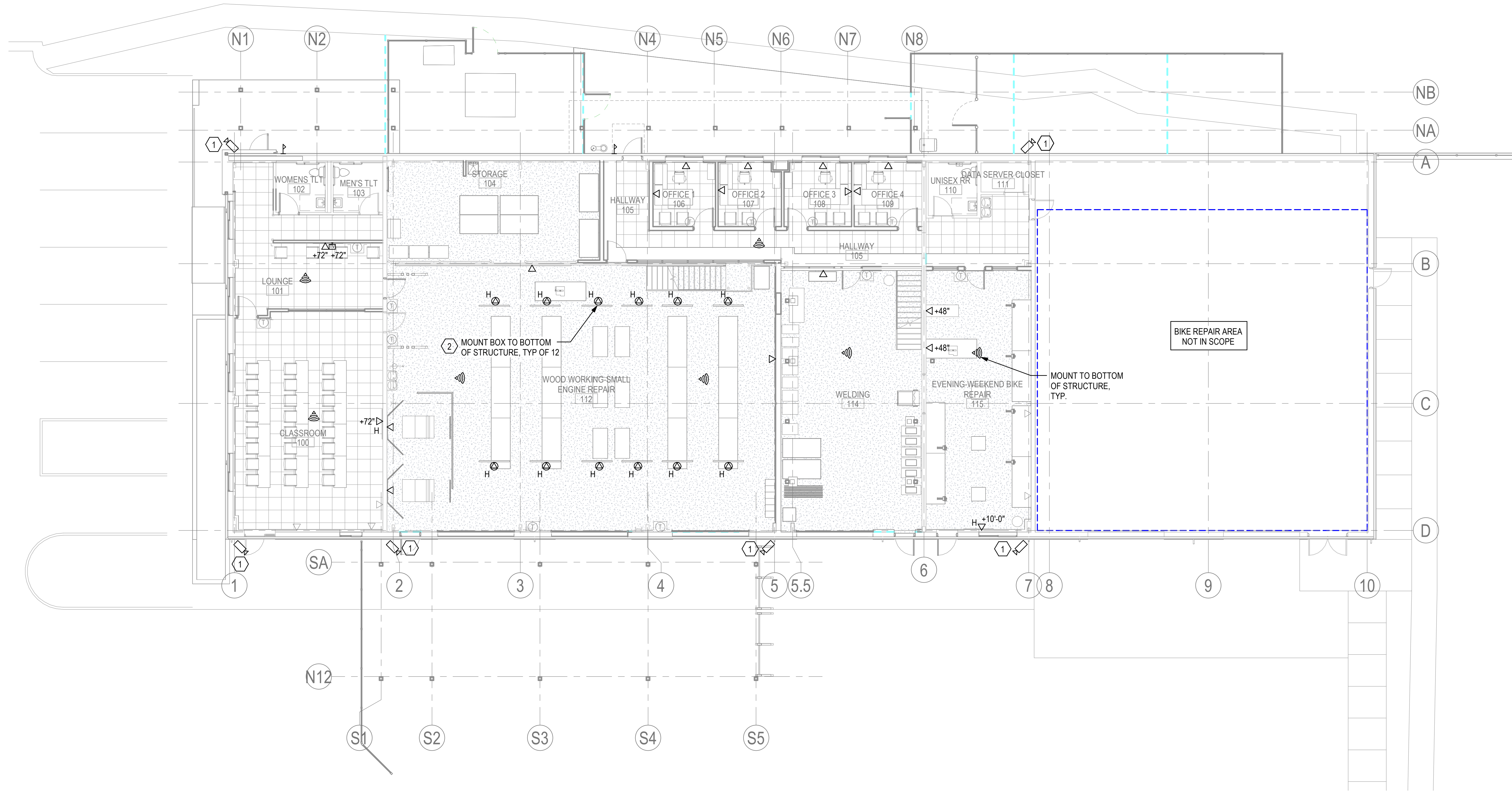


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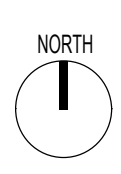
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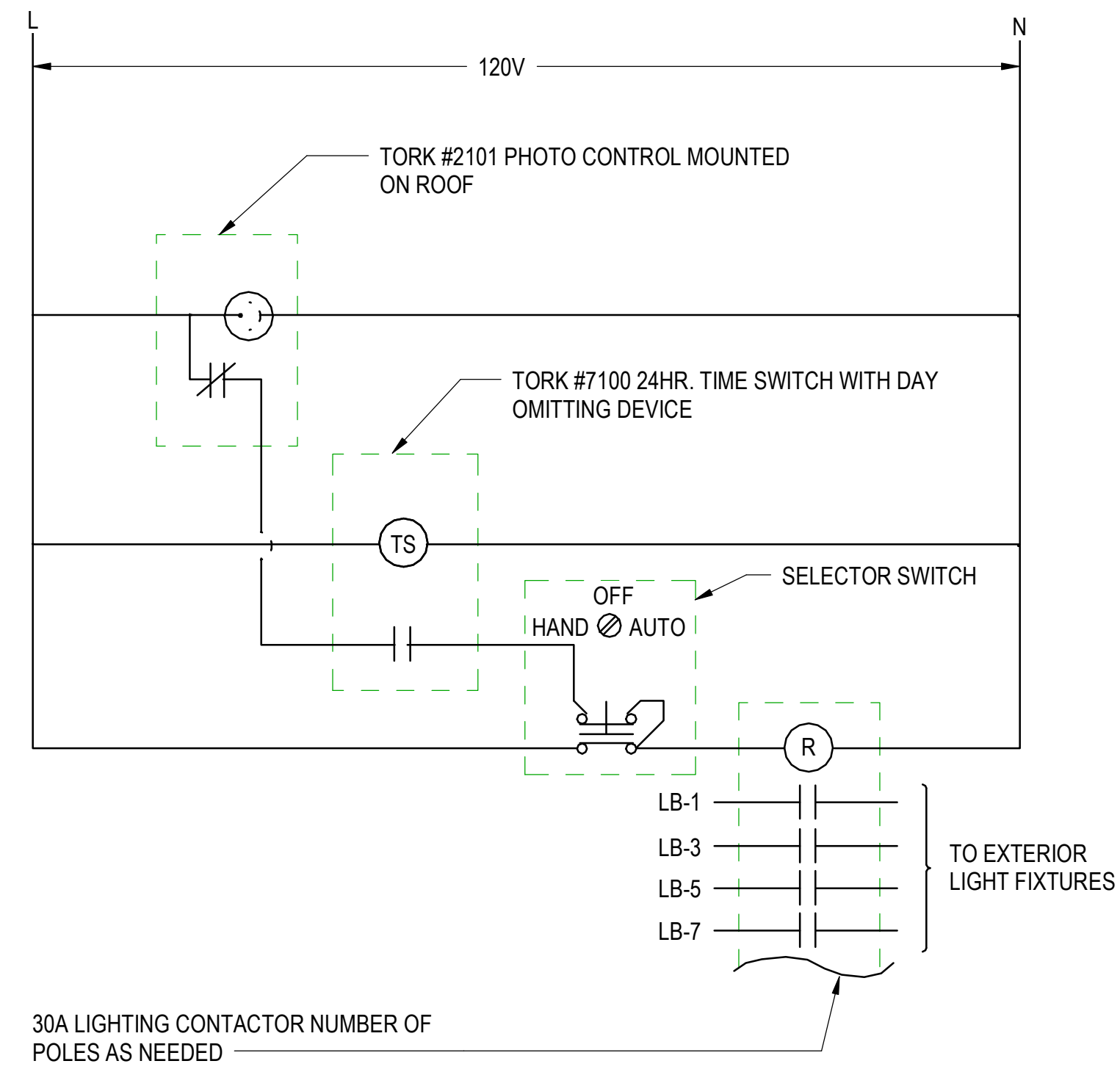
Project Number: 2023-049  
 Issue Date: 06-30-2023  
 Sheet Title: SYSTEMS PLAN

Sheet Number  
**ET101**



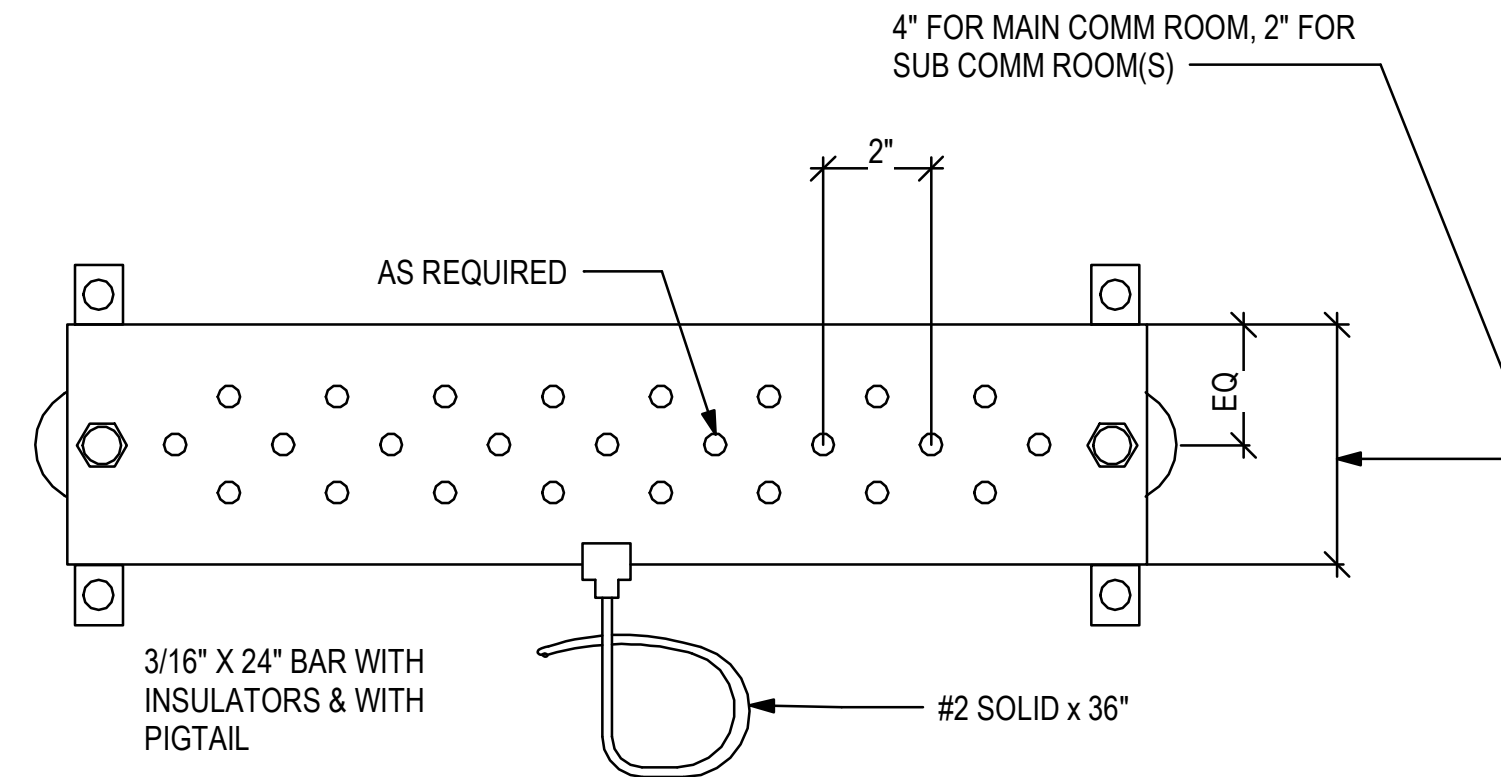
① **SYSTEM PLAN**  
 1/8" = 1'-0"  
 SCALE: 1/8" = 1'-0"





30A LIGHTING CONTACTOR NUMBER OF POLES AS NEEDED

**1 LIGHTING CONTROL PANEL - TIME SWITCH SCHEMTAIC DIAGRAM**  
 NO SCALE



**2 COMMUNICATIONS GROUND BAR**  
 NO SCALE



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Sheet Title  
**ELECTRICAL DETAILS**

Sheet Number  
**E-501**



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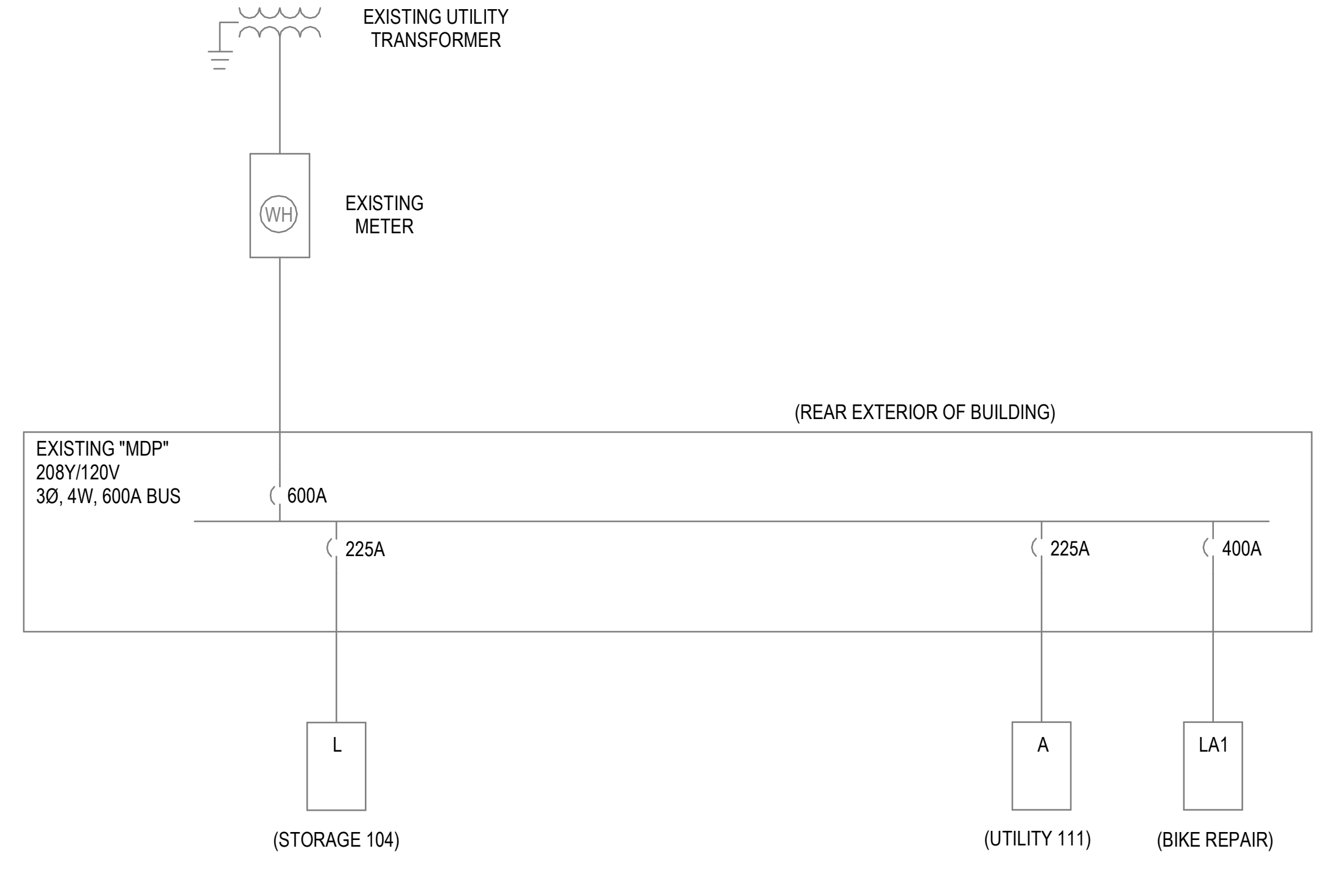
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 Sheet Title:

**ELECTRICAL SINGLE-LINE DIAGRAM**

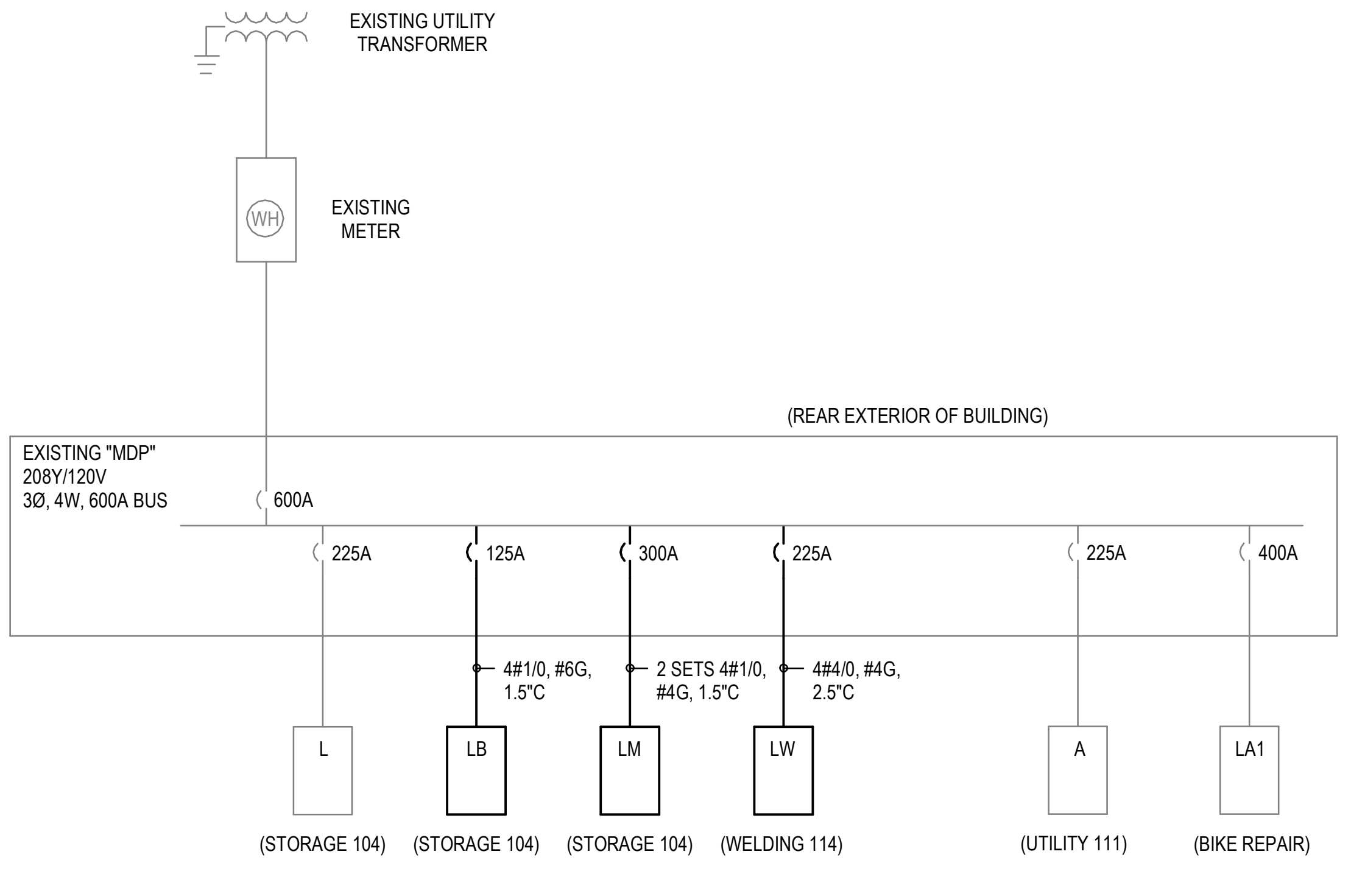
Sheet Number: **E-601**



**1 EXISTING SINGLE-LINE DIAGRAM**  
 NO SCALE

**LINestyle LEGEND:**

———— EXISTING TO REMAIN  
 - - - - - DEMOLISH  
 \_\_\_\_\_ NEW



**2 NEW SINGLE-LINE DIAGRAM**  
 NO SCALE

Panel L schedule table with columns for Panel, Main, Voltage, Accessories, Device, Branch Circuit, Phase Load, and Amps. Includes a summary row at the bottom.

Panel LW schedule table with columns for Panel, Main, Voltage, Accessories, Device, Branch Circuit, Phase Load, and Amps. Includes a summary row at the bottom.

PANEL SCHEDULE LEGEND

MAIN CB = CIRCUIT BREAKER LO = LUGS ONLY BRANCH CIRCUIT BREAKER TYPE A = ARC FAULT CIRCUIT INTERRUPTER G = GROUND FAULT CIRCUIT INTERRUPTER S = SHUNT TRIP V = VARIABLE (ADJUSTABLE TRIP) E = EQUIPMENT GROUND FAULT PROTECTION L = LOCKOUT DEVICE O = LOCK ON DEVICE OR BREAKER R = RED MARKING ON BREAKER LOAD TYPE L = LIGHTING R = RECEPTACLE H = HVAC M = MISCELLANEOUS V = VARIOUS MISCELLANEOUS SN = SOLID NEUTRAL EQP GND = EQUIPMENT GROUND BUS IG = INSULATED GROUND BUS SPD = SURGE PROTECTIVE DEVICE

\* = INDICATES TO ADD NEW BREAKER TO EXISTING PANEL NOTE - LOWERCASE DESCRIPTIONS INDICATE EXISTING LOADS. UPPERCASE INDICATE NEW LOADS.

Panel LB schedule table with columns for Panel, Main, Voltage, Accessories, Device, Branch Circuit, Phase Load, and Amps. Includes a summary row at the bottom.

Panel A schedule table with columns for Panel, Main, Voltage, Accessories, Device, Branch Circuit, Phase Load, and Amps. Includes a summary row at the bottom.

Panel LM schedule table with columns for Panel, Main, Voltage, Accessories, Device, Branch Circuit, Phase Load, and Amps. Includes a summary row at the bottom.

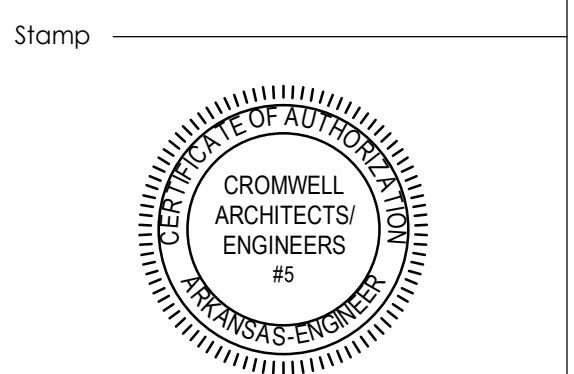
Panel LA1 schedule table with columns for Panel, Main, Voltage, Accessories, Device, Branch Circuit, Phase Load, and Amps. Includes a summary row at the bottom.



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Project Number 2023-049 Issue Date 06-30-2023 Sheet Title

ELECTRICAL SCHEDULES

Sheet Number

E-602



LIGHTING FIXTURE SCHEDULE								
TYPE	MANUFACTURER	CATALOG NUMBER	VOLTAGE	SOURCE	TOTAL FIXTURE LUMENS	MAXIMUM FIXTURE WATTAGE	DESCRIPTION	KEYED NOTES
A1	ORACLE LIGHTING BY ELITE	22-EDGE-LED-4000-DIM10-MVOLT-35K-85	120	LED	3934	41	2'X2' LED TROFFER	
A1E	ORACLE LIGHTING BY ELITE	22-EDGE-LED-4000-DIM10-MVOLT-35K-85-0-EMG-LED-20W	120	LED	3934	41	2'X2' LED TROFFER WITH EMERGENCY BATTERY BACKUP	
A2E	ORACLE LIGHTING BY ELITE	24-FPL1-LED-5000L-DIM10-MVOLT-35K-85-0-EMG-LED-20W	120	LED	5310	41.2	2'X4' TROFFER WITH EMERGENCY BATTERY BACKUP	
B1	ORACLE LIGHTING BY ELITE	OLS-R-LED-4-HC-FT-S-4-1000L-DIM10-MVOLT-35K-85-WH-	120	LED	4134	38.1	4" X 4" RECESSED LINEAR FOR OFFICES	
D1	ORACLE LIGHTING BY ELITE	4-OC1-LED-3000L-DIM10-MVOLT-35K-85-V2	120	LED	3249	24.5	4' LINEAR STRIP	
D1E	ORACLE LIGHTING BY ELITE	4-OC1-LED-3000L-DIM10-MVOLT-35K-85-V2-0-EMG-LED-10W	120	LED	3249	24.5	4' LINEAR STRIP WITH EMERGENCY BATTERY BACKUP	
D2	SELF ELECTRONICS - CROWN	CROWN-47-35K-110-S-S	120	LED	4200	40	4' LINEAR STRIP OUTDOOR RATED	
D3	SELF ELECTRONICS - CROWN	CROWN-70-35K-110-S-S	120	LED	6300	60	6' LINEAR STRIP OUTDOOR RATED	
D4	GE CURRENT	LALS-4-8-A-0-BW-08-LW-08-T35-VQ-CM-WHTE	120	LED	6400	64	8' LINEAR UP/DOWN WITH LOUVER LENS	
D4E	GE CURRENT	LALS-4-8-A-0-BW-08-LW-08-T35-VQ-CM-WHTE-EL	120	LED	6400	64	8' LINEAR UP/DOWN WITH LOUVER LENS AND BATTERY BACKUP	
E	ORACLE LIGHTING BY ELITE	OWP-FC-104-LED-1600-MVOLT-40K-BZ-0-EMG-LED-HTR	120	LED	1616	17	SMALL WALL PACK WITH EMERGENCY EGRESS BATTERY BACKUP	
H1	ORACLE LIGHTING BY ELITE	CB2-CPA-LED-12000-DIM10-MVOLT-WD-35K-85-VHCH	120	LED	12,256	87.2	HIGH BAY FIXTURE	
H1E	ORACLE LIGHTING BY ELITE	CB2-CPA-LED-12000-DIM10-MVOLT-WD-35K-85-0-EMG-LED-20W-VHCH	120	LED	12,256	87.2	HIGH BAY FIXTURE WITH EMERGENCY BATTERY BACKUP	
S1	ORACLE LIGHTING BY ELITE	OWP-FC-216-LED-8000L-DIM10-120-347V-40K-BZ	120	LED	7972	61	WALL PACK	
X	MAXILUME BY ELITE	ELX-603-R-W	120	LED	NA	2	EXIT SIGN	

LIGHTING FIXTURE SCHEDULE GENERAL NOTES:

1. PROVIDE FLANGE KIT AS REQUIRED

LIGHTING FIXTURE SCHEDULE KEYED NOTES:

1. BATTERY BACK UP. ARROWS AND FACES PER PLANS
2. CHAIN MOUNT AT 9'-0" AFF UNLESS NOTED OTHERWISE



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**ELECTRICAL SCHEDULES**

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