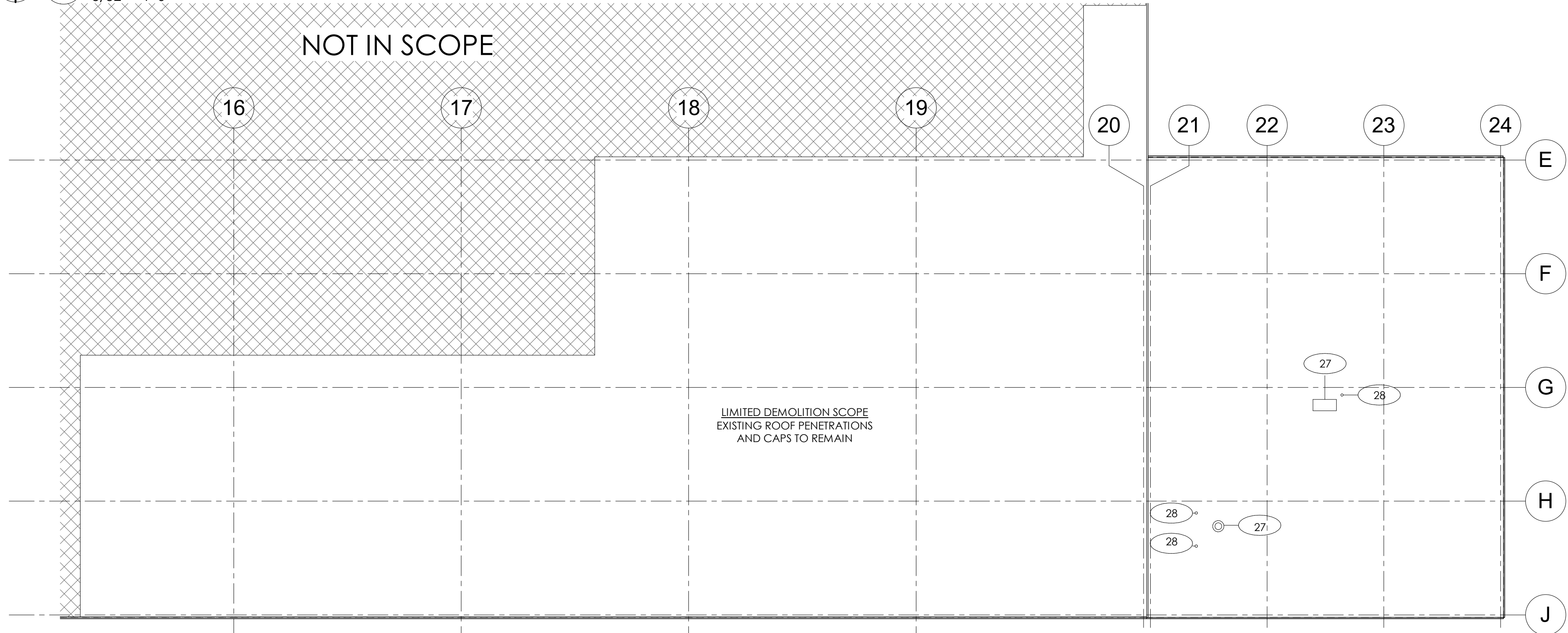


 **1 DEMOLITION REFLECTED CEILING PLAN - ENLARGED**  
3/32" = 1'-0"



 **2 DEMOLITION - ROOF PLAN**  
3/32" = 1'-0"

**DEMOLITION KEYNOTES**

- 1 DEMOLISH WINDOW, INCLUDING METAL PANEL COVERING AND ANY ADDITIONAL COVERING
- 2 DEMOLISH DOOR AND FRAME SYSTEM
- 3 DEMOLISH PORTION OF CAST-IN-PLACE CONCRETE WALL
- 4 DEMOLISH ENTIRETY OF CMU BLOCK WALL
- 5 DEMOLISH CORRUGATED METAL PANEL AND ASSOCIATED FASTENERS
- 6 DEMOLISH CONDUIT, WIRING, ELECTRICAL EQUIPMENT, HANGERS AND WIRES, ETC.
- 7 DEMOLISH ALL FLOOR FINISH AND ADHESIVES DOWN TO SLAB, PREP TO RECEIVE NEW FLOOR FINISH
- 8 DEMOLISH ALL WALL FINISHES, MISCELLANEOUS WALL FASTENERS, AND OTHER ELEMENTS ON INTERIOR CAST CONCRETE WALLS
- 9 DEMOLISH MISCELLANEOUS WALL FASTENERS AND OTHER ELEMENTS ON EXTERIOR CAST CONCRETE WALLS; CLEAN OF DEBRIS
- 10 REMOVE ELECTRICAL FLOOR BOXES, WIRING, ELECTRICAL EQUIPMENT, ETC., CAP AS REQUIRED
- 11 REMOVE PLUMBING ELEMENTS, FLOOR DRAINS, PIPING, AND ALL ASSOCIATED ELEMENTS, CAP AS REQUIRED - SEE PLUMBING
- 12 DEMOLISH ALL FIRE SUPPRESSION PIPING, HANGERS, WIRES, AND ASSOCIATED ELEMENTS - SEE PLUMBING
- 13 DEMOLISH PIPING, HANGERS, WIRES, AND ASSOCIATED ELEMENTS - SEE PLUMBING
- 14 DEMOLISH HVAC DUCTS, HANGERS, WIRES, AND ASSOCIATED ELEMENTS
- 15 CLEAN DECKING AND JOISTS
- 16 REMOVE RUST, DEBRIS, AND MISC FASTENERS FROM EXISTING METAL DECKING AND STEEL BAR JOISTS
- 17 DEMOLISH OLD WALL FRAMING AND OLD METAL PANELS
- 18 REMOVE AIR CONDITIONER UNITS AND ASSOCIATED FRAMING AND/OR CONCRETE PADS
- 19 DEMOLISH CONCRETE PAVING
- 20 EXISTING STEEL CHANNEL TO REMAIN, REMOVE ANY MISCELLANEOUS FASTENERS AND PROTRUSIONS, REMOVE EXCESSIVE RUST
- 21 EXISTING STEEL COLUMN TO REMAIN, REMOVE ANY MISCELLANEOUS FASTENERS AND PROTRUSIONS, REMOVE EXCESSIVE RUST
- 22 DEMOLISH STEEL TUBE WALL SCREEN AND METAL DOORS
- 23 DEMOLISH LIGHT FIXTURES, HANGERS, CONDUITS AND WIRING, AND OTHER ASSOCIATED ELEMENTS
- 24 PATCH RECESSED AREAS OF CONCRETE SLAB
- 25 REMOVE RAISED CONCRETE ELEMENTS AND SMOOTH IMPERFECTIONS TO LEVEL SURFACE OF CONCRETE SLAB
- 26 DEMOLISH DOWNSPOUTS
- 27 DEMOLISH ROOF PENETRATION PIPE AND PATCH ROOFING MATERIAL, ROOF INSULATION AND METAL ROOF DECKING AS REQUIRED TO MATCH EXISTING.
- 28 DEMOLISH ROOF MOUNTED EQUIPMENT AND PATCH ROOFING MATERIAL, ROOF INSULATION AND METAL ROOF DECKING AS REQUIRED TO MATCH EXISTING.

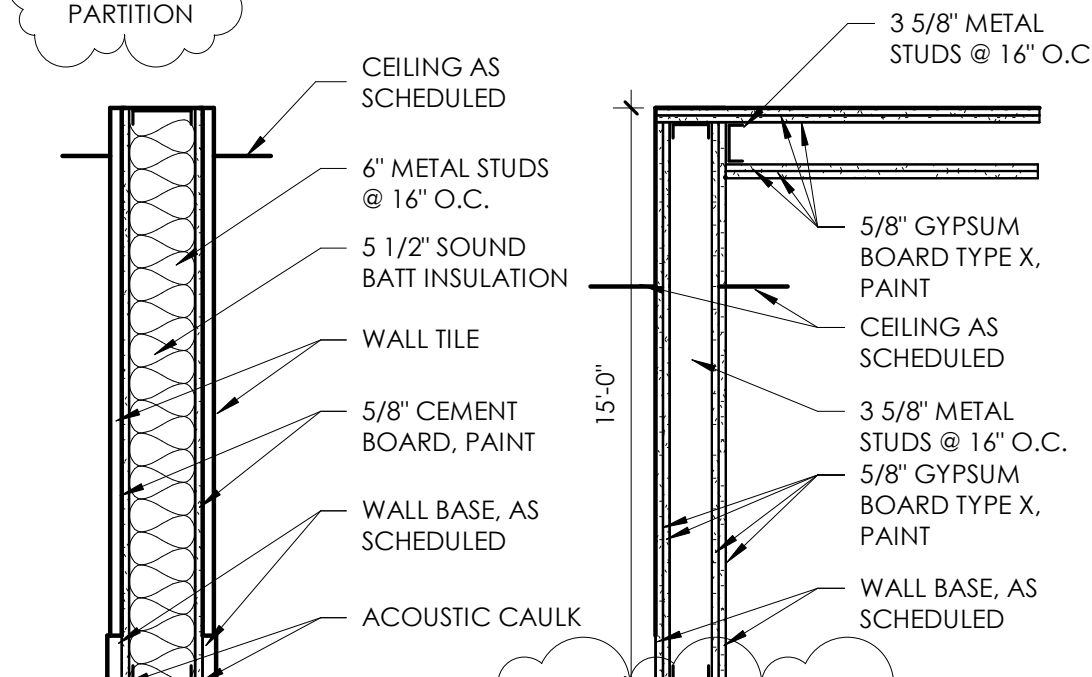
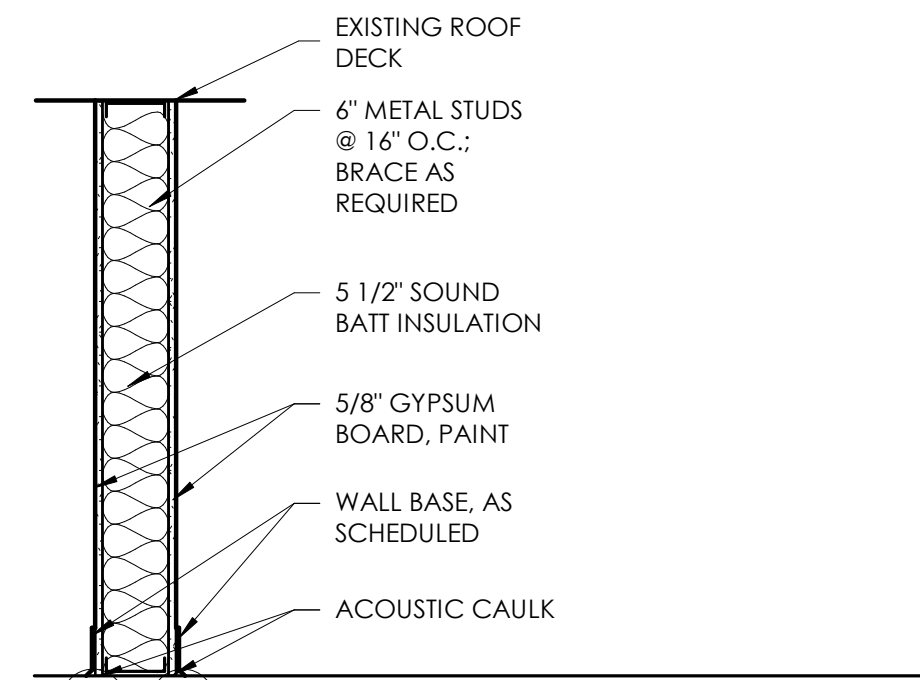
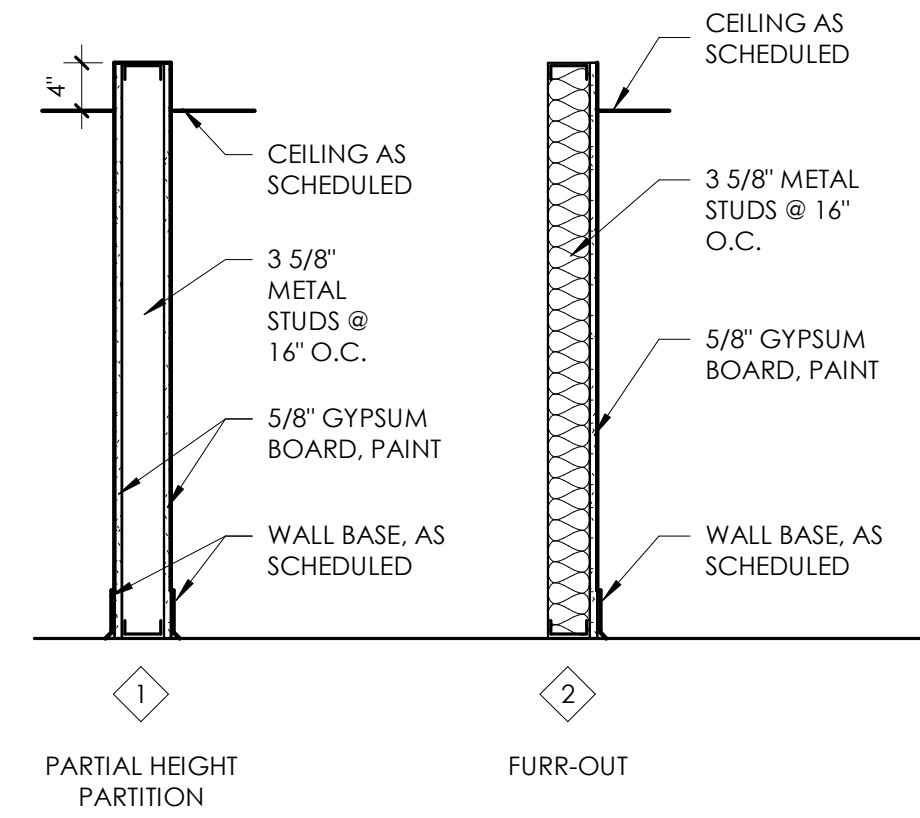
**FENNELL PURIFOY**

**ARCHITECTS**

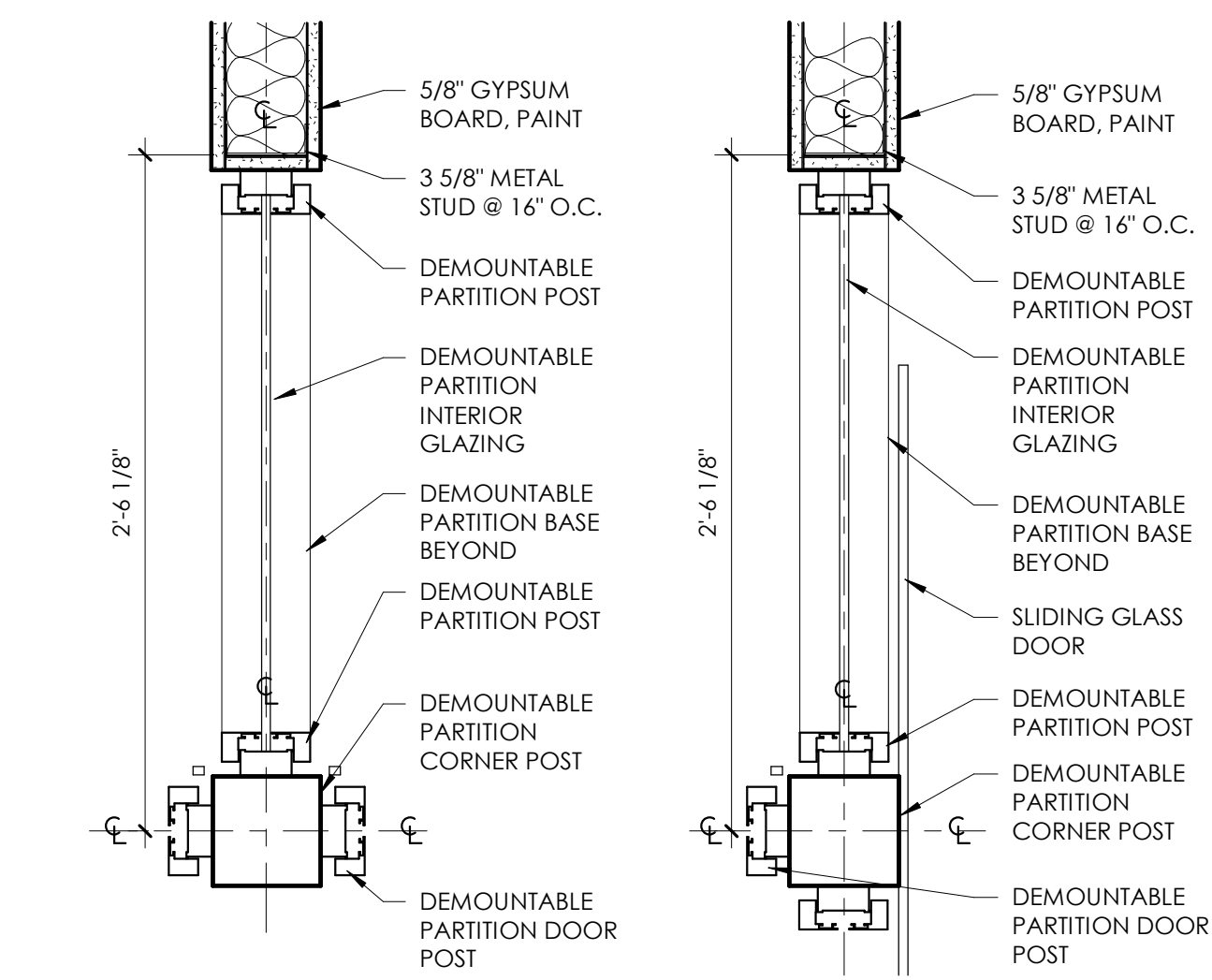
100 RIVER BLUFF DRIVE, SUITE 320 · LITTLE ROCK, AR 72202  
T 501.372.6734 · F 501.372.6736



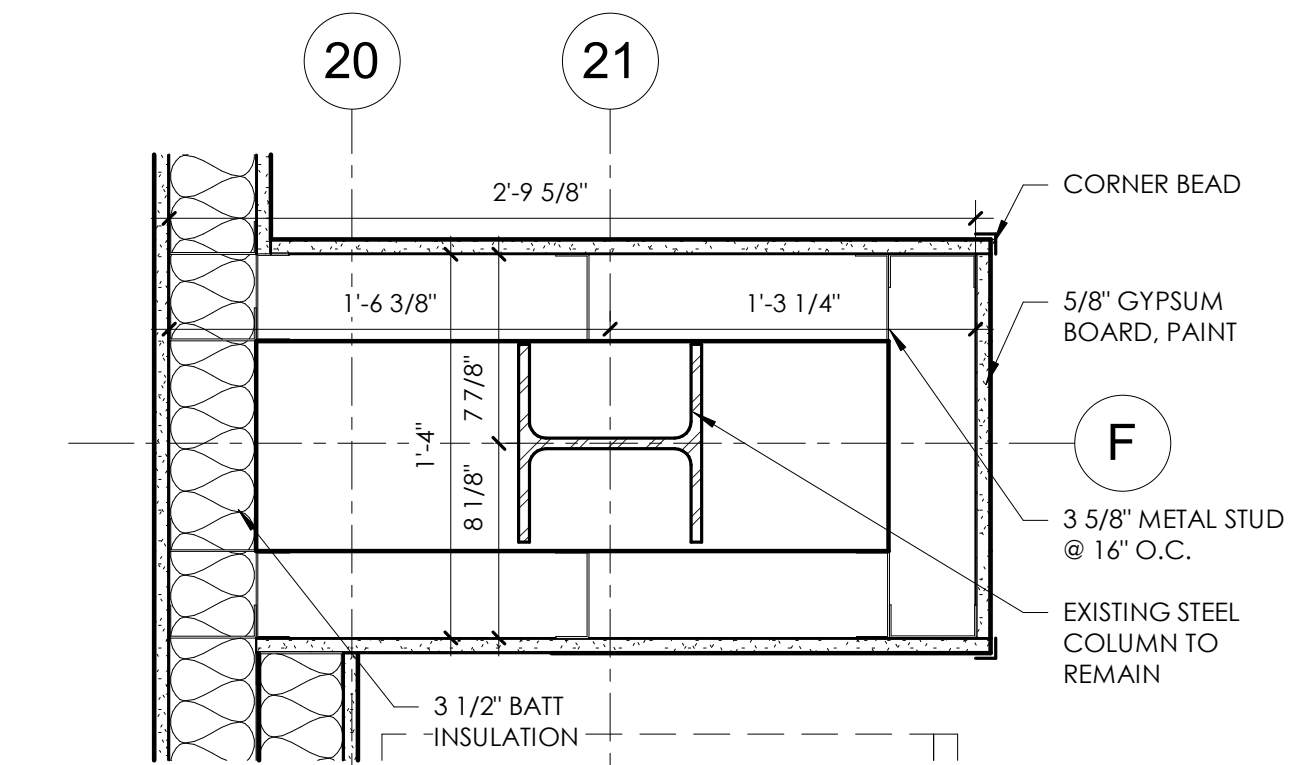




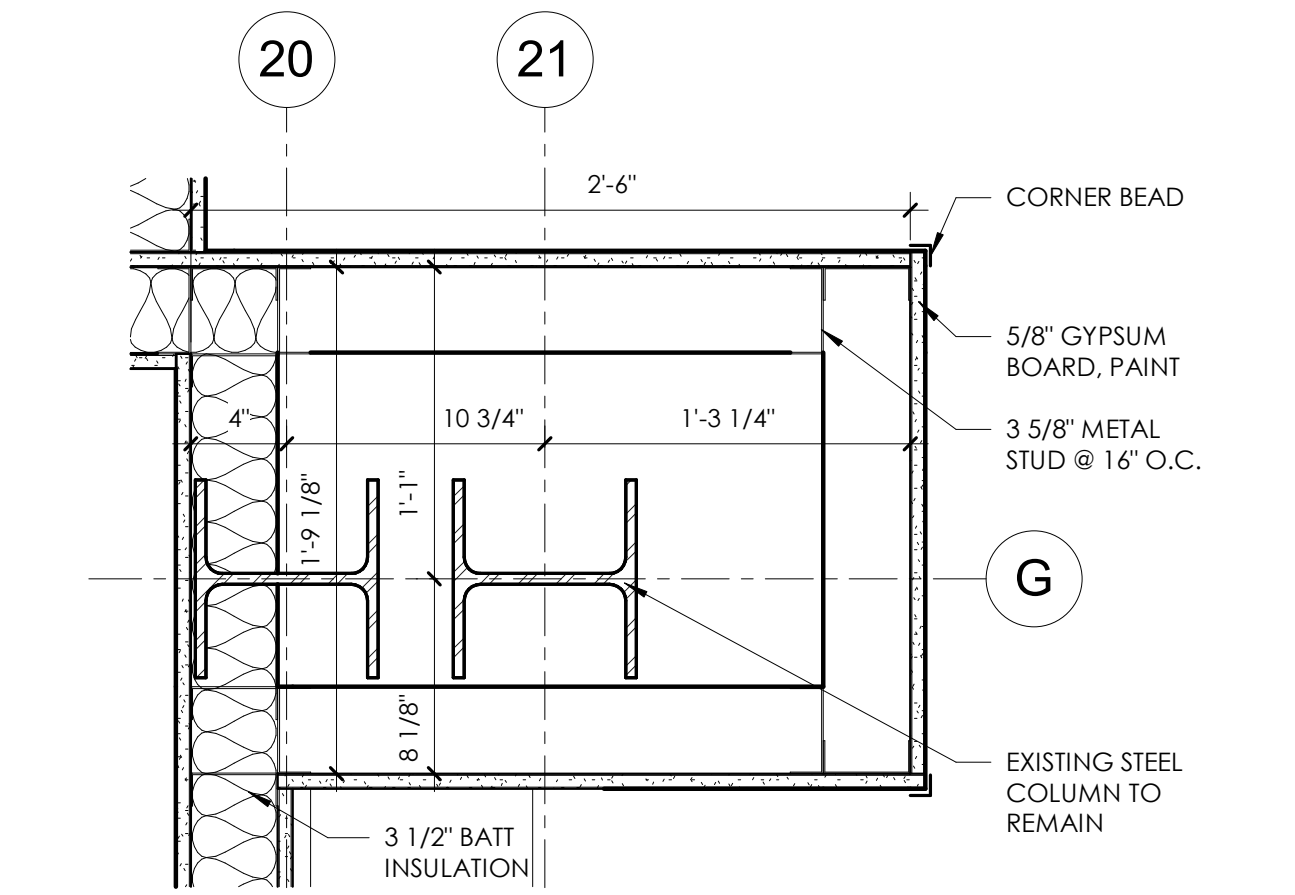
**PARTITION TYPES**  
3/4" = 1'-0"



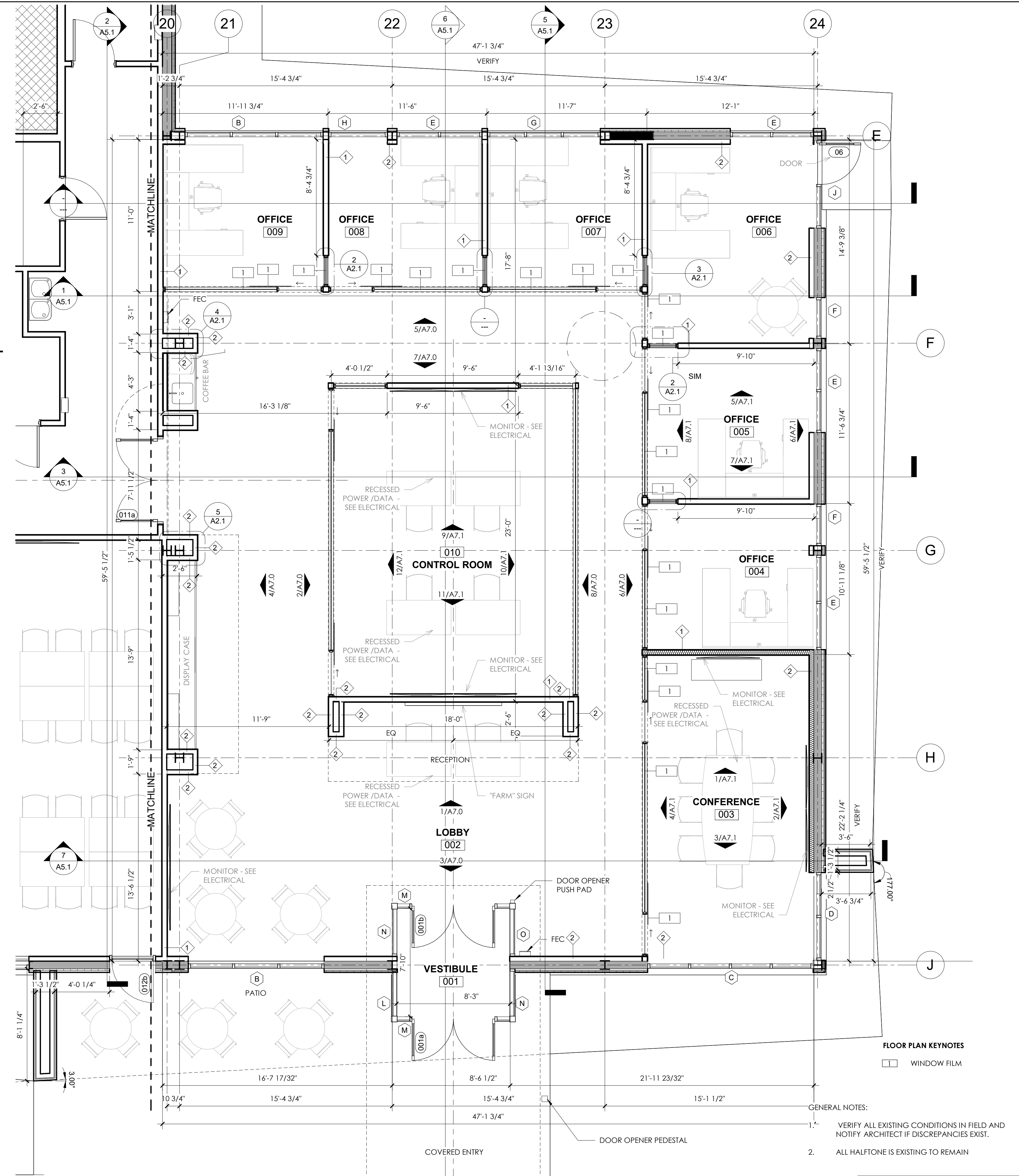
**2 PLAN DETAIL**  
1 1/2" = 1'-0"



**4 PLAN DETAIL**  
1 1/2" = 1'-0"



**5 PLAN DETAIL**  
1 1/2" = 1'-0"

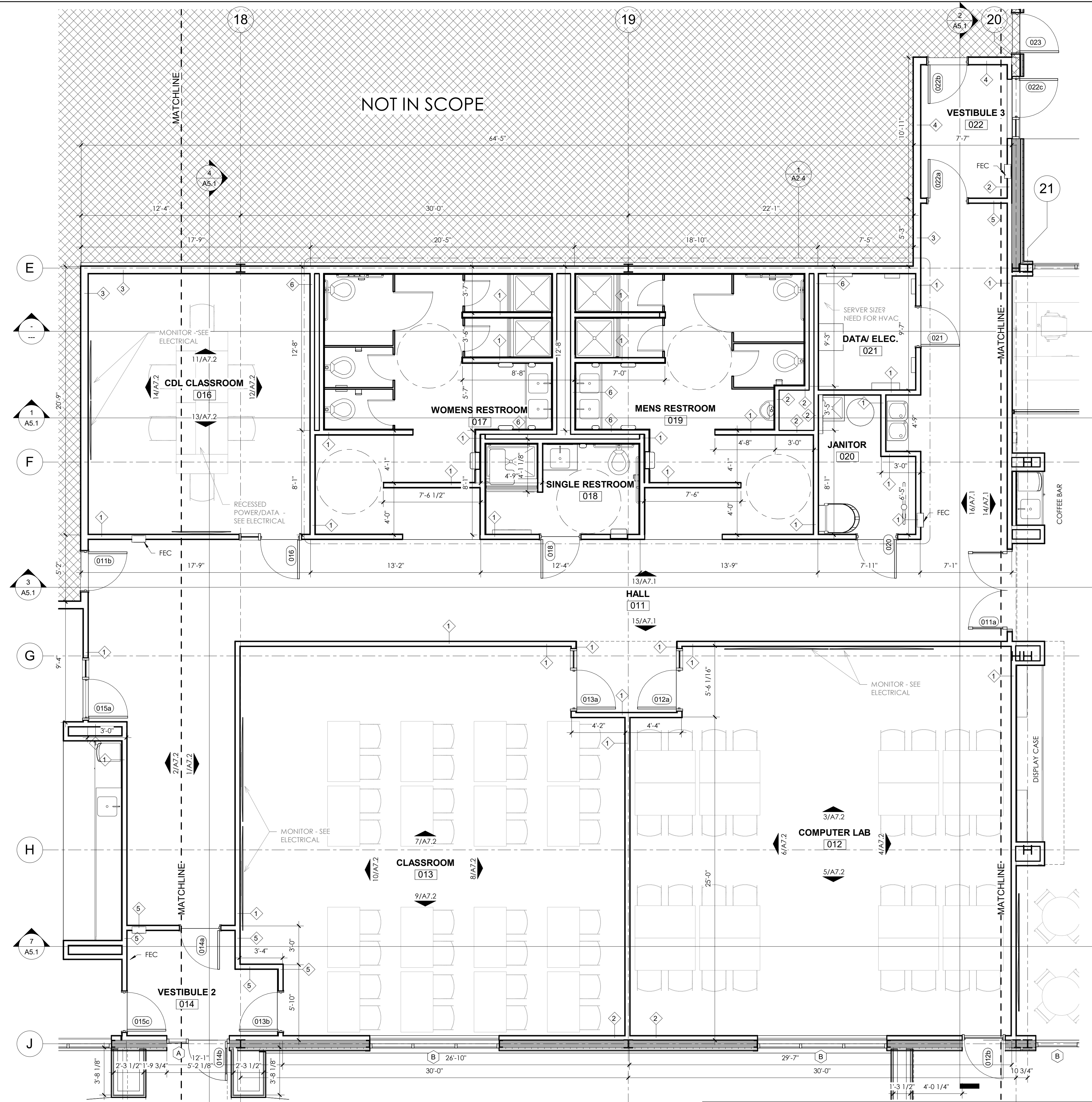
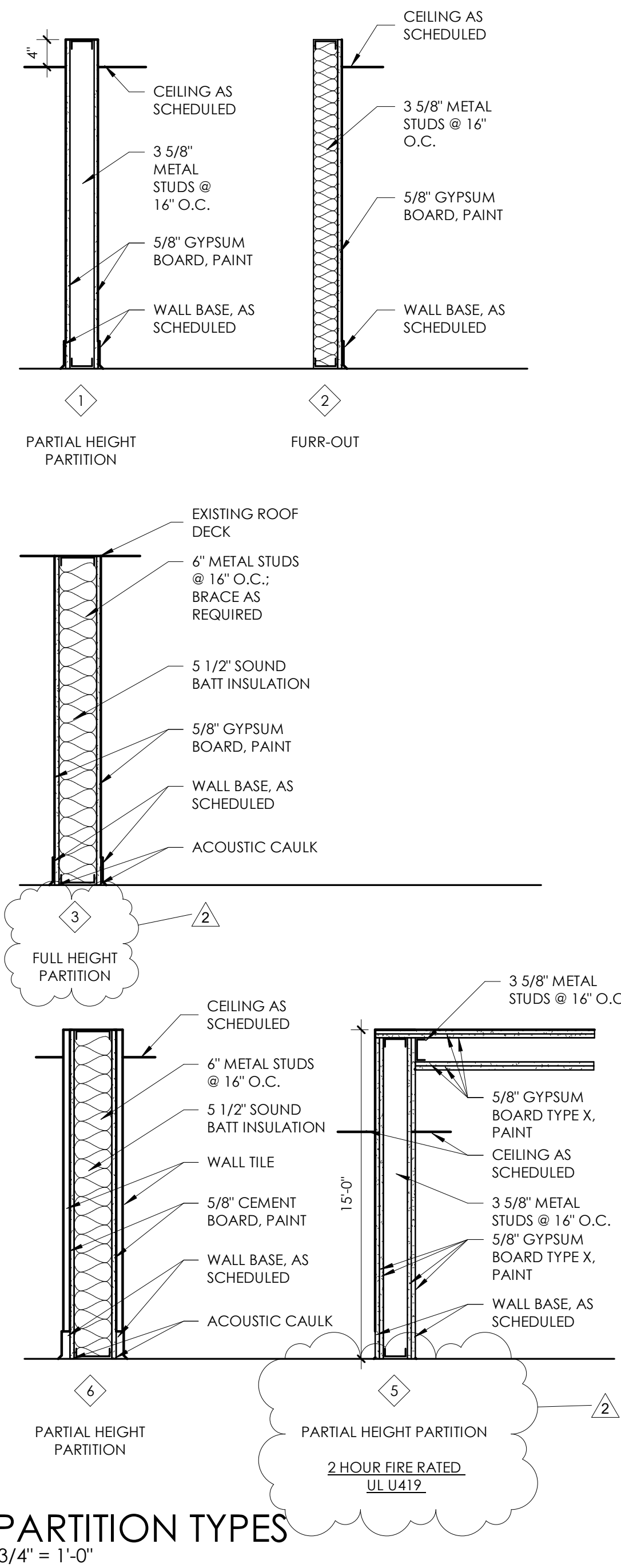


**1 ENLARGED FLOOR PLAN - OFFICE**  
1/4" = 1'-0"

**FENNELL PURIFOY**  
ARCHITECTS  
100 RIVER BLUFF DRIVE, SUITE 320 - LITTLE ROCK, AR 72202  
T 501.372.6734 - F 501.372.6736







**1 ENLARGED FLOOR PLAN - CLASSROOM**  
1/4" = 1'-0"

GENERAL NOTES:

1. VERIFY ALL EXISTING CONDITIONS IN FIELD AND NOTIFY ARCHITECT IF DISCREPANCIES EXIST.
2. ALL HALFTONE IS EXISTING TO REMAIN

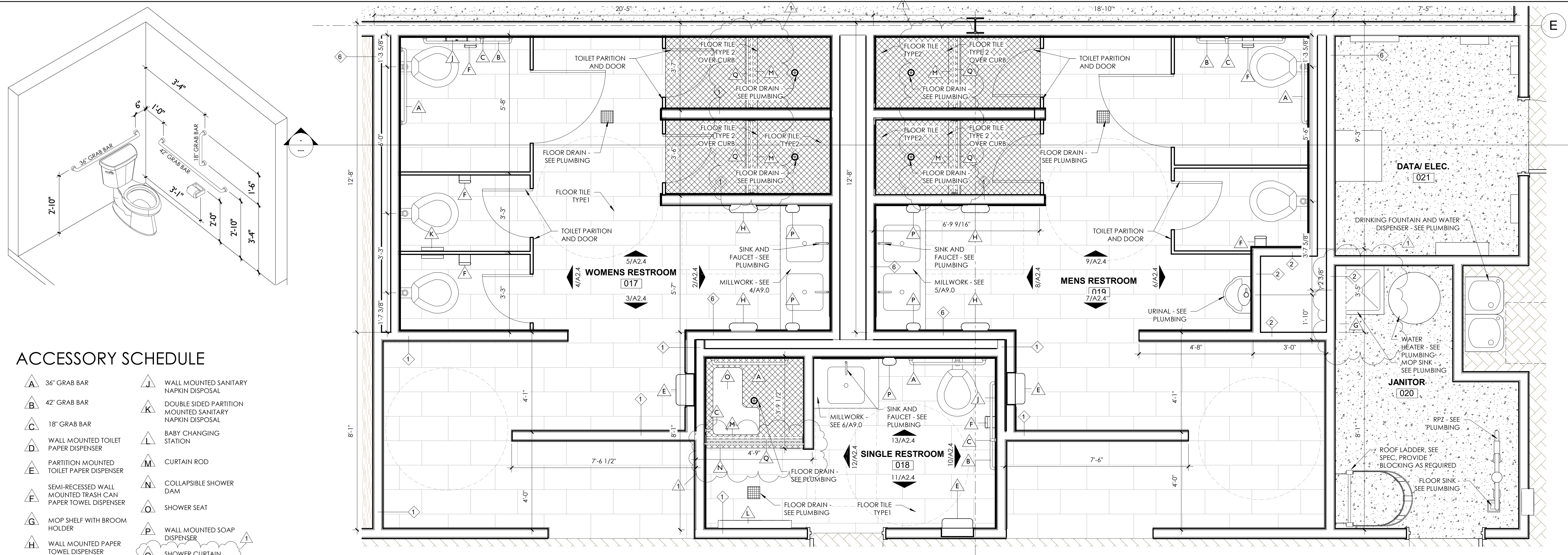
**FENNELL | PURIFOY**  
ARCHITECTS  
100 RIVER BLUFF DRIVE, SUITE 320 · LITTLE ROCK, AR 72202  
T 501.372.6734 · F 501.372.6736









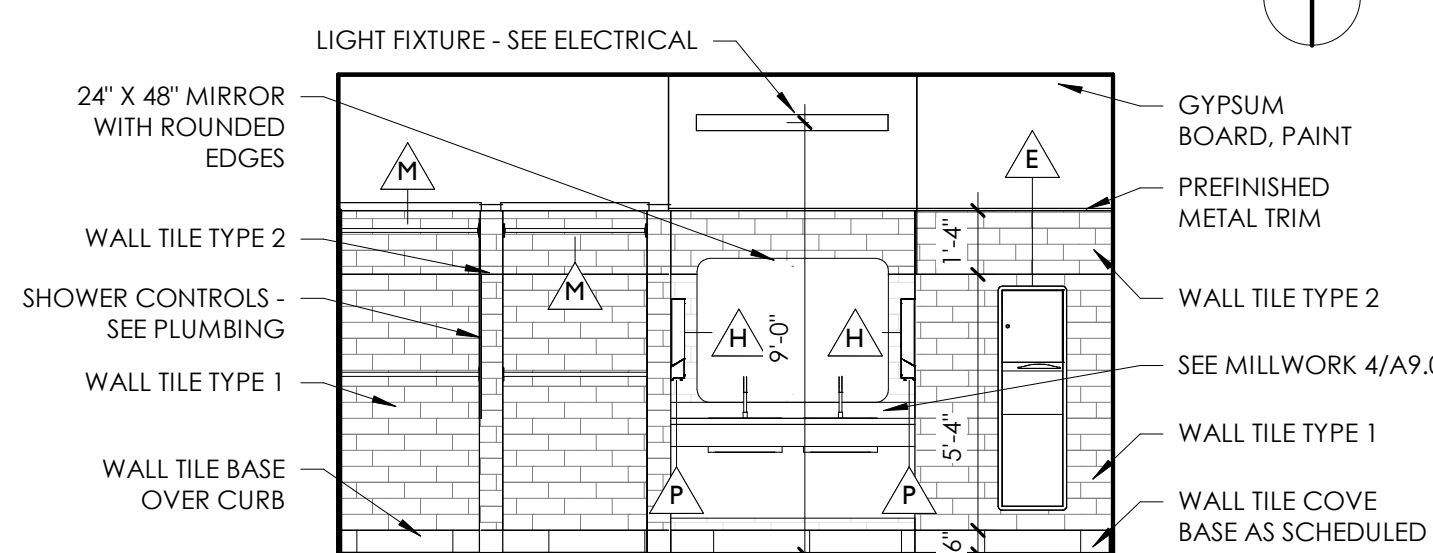


## ACCESSORY SCHEDULE

- |  |   |
|--|---|
| A 36" GRAB BAR   | J WALL MOUNTED SANITARY NAPKIN DISPOSAL                   |
| B 42" GRAB BAR   | K DOUBLE SIDED PARTITION MOUNTED SANITARY NAPKIN DISPOSAL |
| C 18" GRAB BAR   | L BABY CHANGING STATION                                   |
| D WALL MOUNTED TOILET PAPER DISPENSER                        | M CURTAIN ROD   |
| E PARTITION MOUNTED TOILET PAPER DISPENSER                   | N COLLAPSIBLE SHOWER DAM                                  |
| F SEMI-RECESSED WALL MOUNTED TRASH CAN PAPER TOWEL DISPENSER | O SHOWER SEAT   |
| G MOP SHELF WITH BROOM HOLDER                                | P WALL MOUNTED SOAP DISPENSER                             |
| H WALL MOUNTED PAPER TOWEL DISPENSER                         | Q SHOWER CURTAIN  |

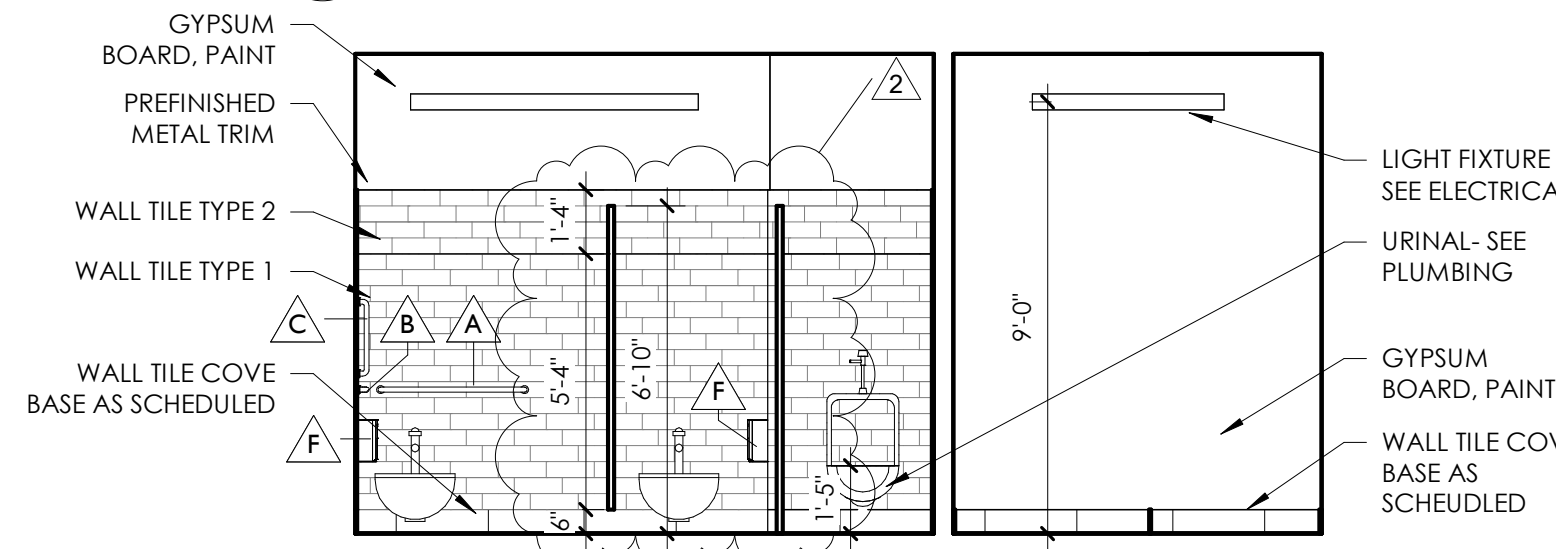
## 1 ENLARGED FLOOR PLAN - RESTROOM

1/2" = 1'-0"



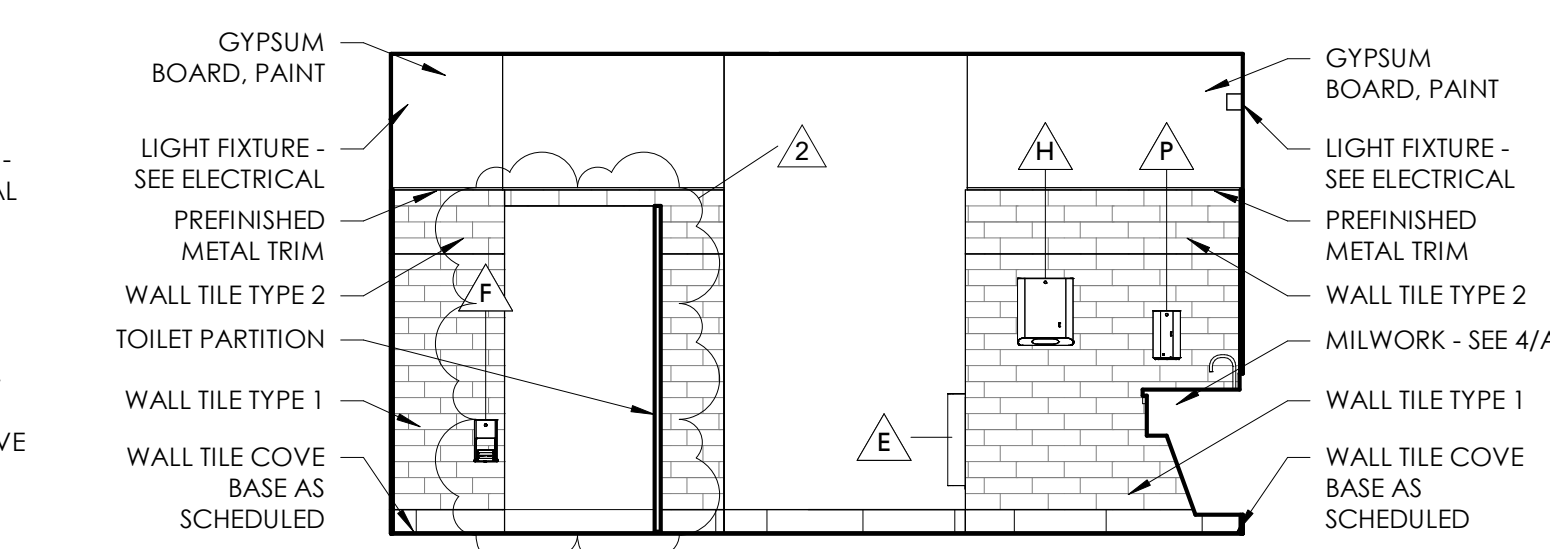
## 2 WOMENS RESTROOM - EAST

1/4" = 1'-0"



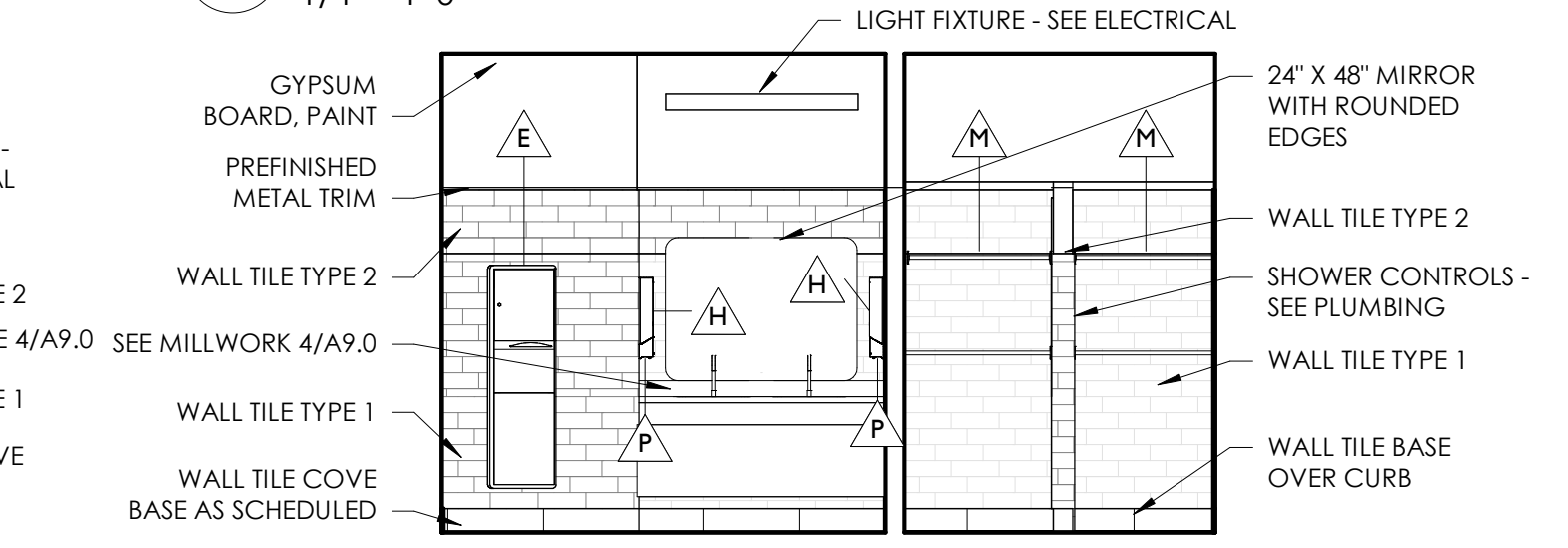
## 3 WOMENS RESTROOM - SOUTH

1/4" = 1'-0"



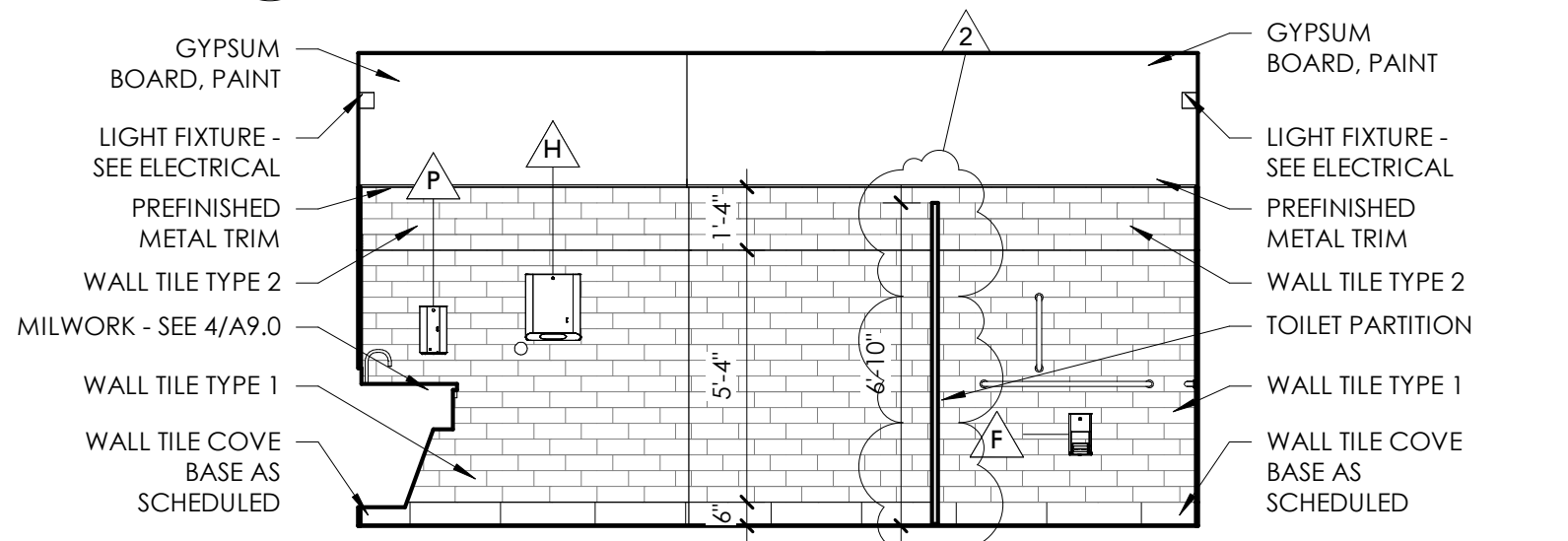
## 4 WOMENS RESTROOM - WEST

1/4" = 1'-0"



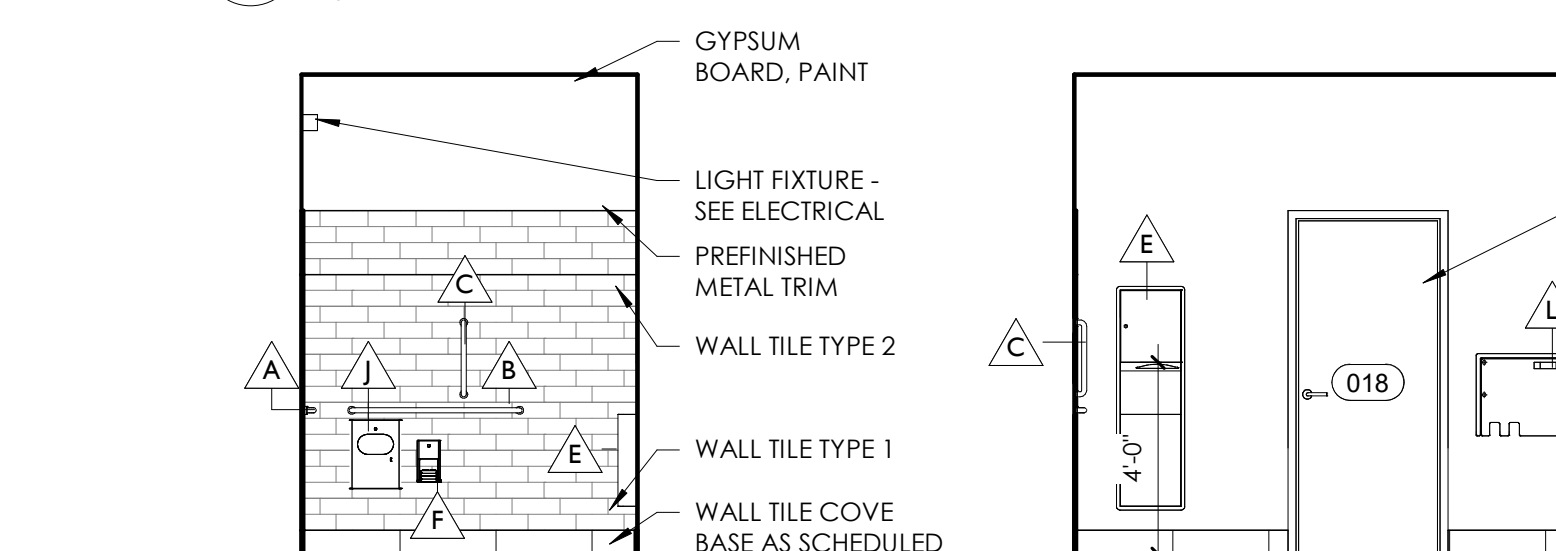
## 5 WOMENS RESTROOM - NORTH

1/4" = 1'-0"



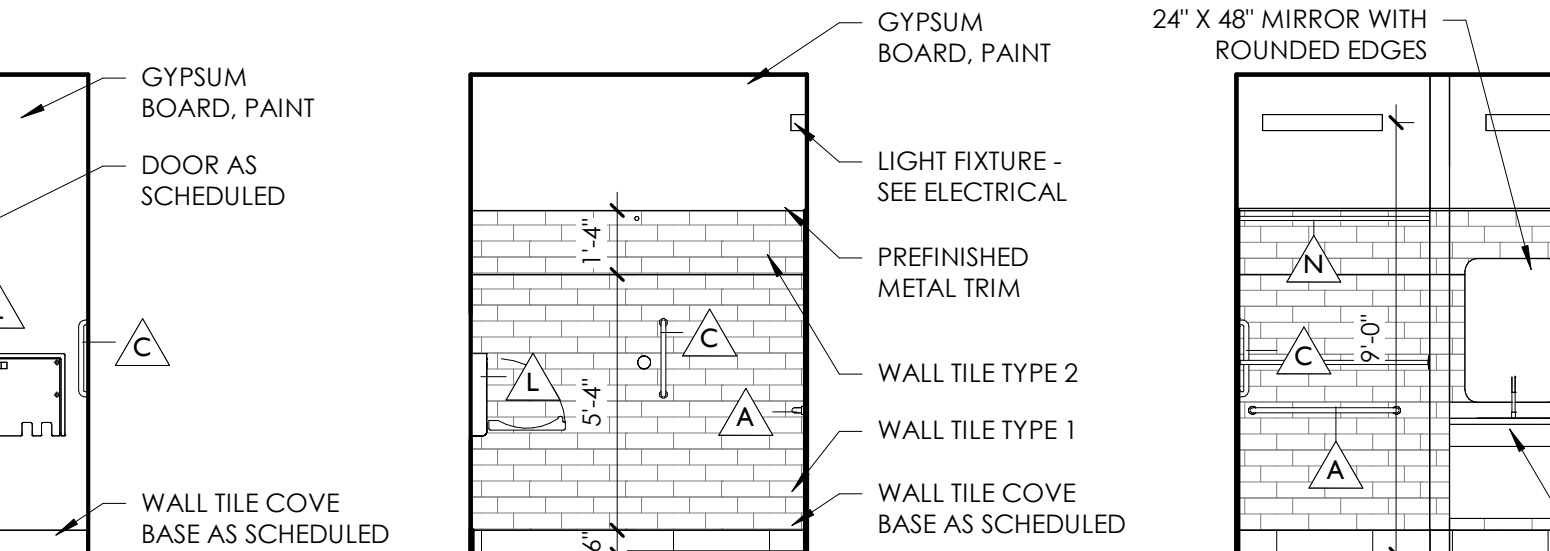
## 6 MENS RESTROOM - EAST

1/4" = 1'-0"



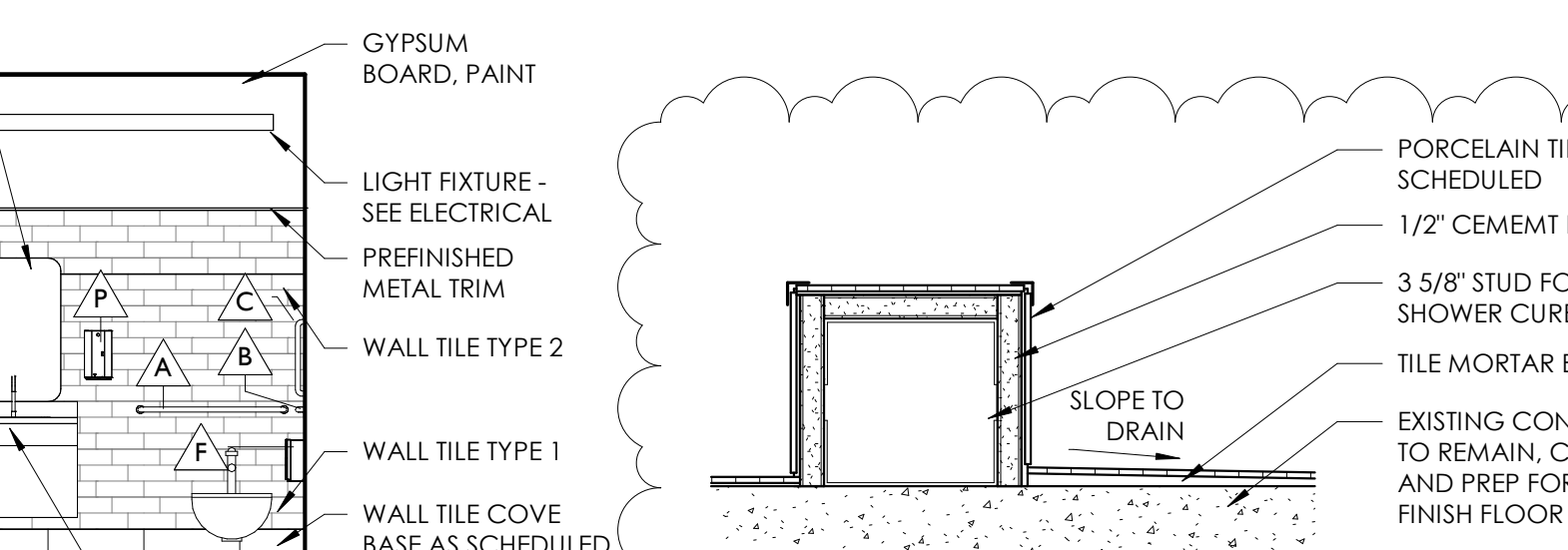
## 7 MENS RESTROOM - SOUTH

1/4" = 1'-0"



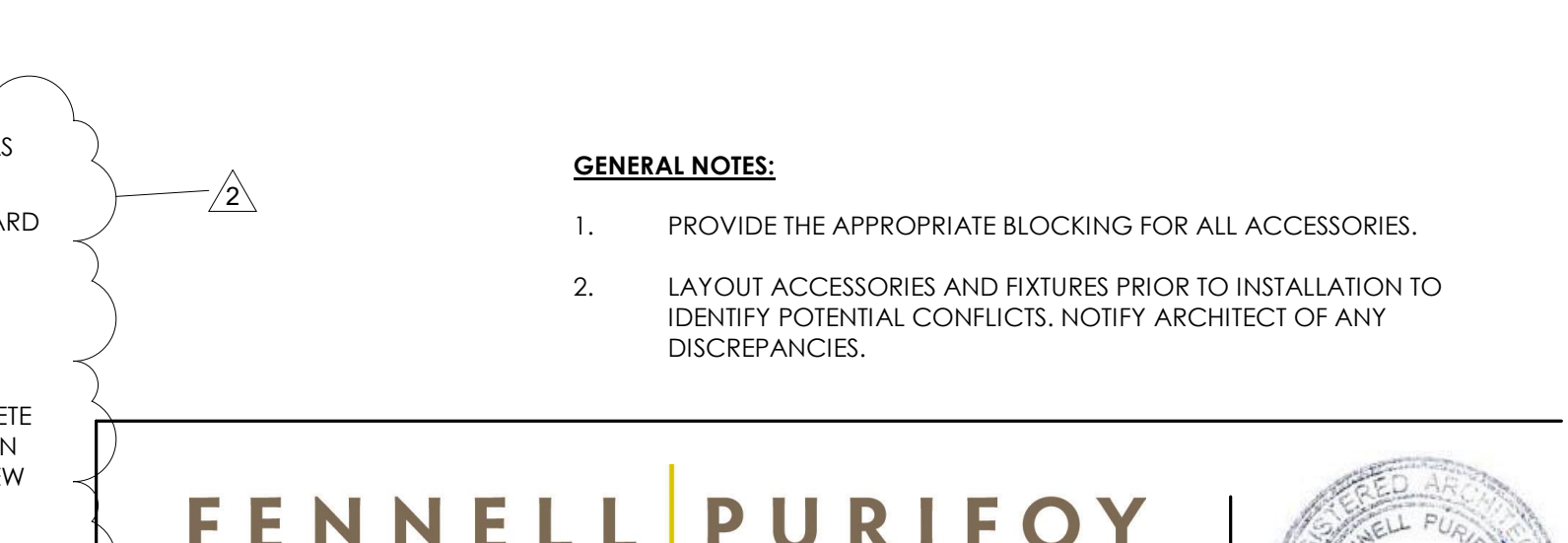
## 8 MENS RESTROOM - WEST

1/4" = 1'-0"



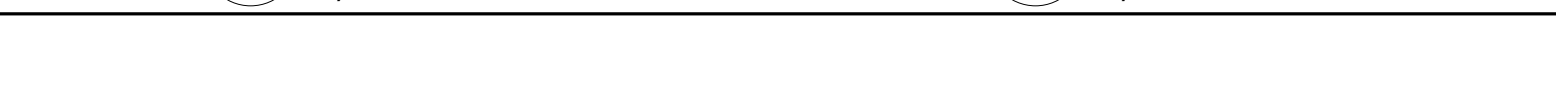
## 9 MENS RESTROOM - NORTH

1/4" = 1'-0"



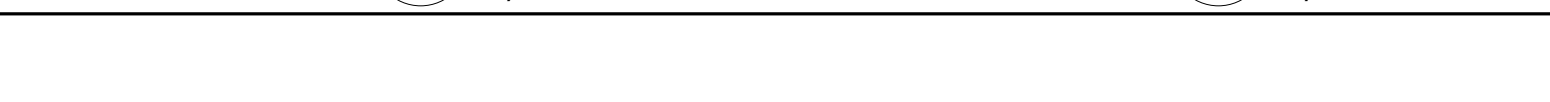
## 10 018 - EAST

1/4" = 1'-0"



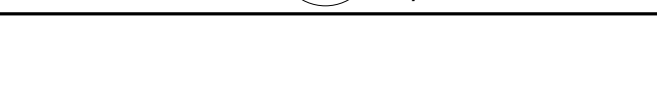
## 11 018 - SOUTH

1/4" = 1'-0"



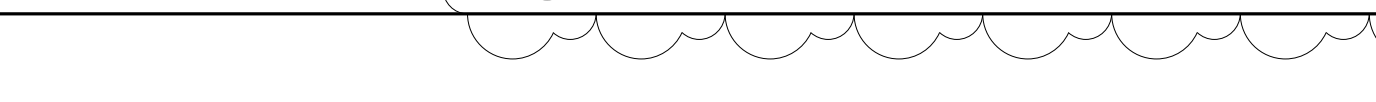
## 12 018 - WEST

1/4" = 1'-0"



## 13 018 - WEST

1/4" = 1'-0"



## 14 TRANSITION DETAIL

3" = 1'-0"

### GENERAL NOTES:

1. PROVIDE THE APPROPRIATE BLOCKING FOR ALL ACCESSORIES.
2. LAYOUT ACCESSORIES AND FIXTURES PRIOR TO INSTALLATION TO IDENTIFY POTENTIAL CONFLICTS. NOTIFY ARCHITECT OF ANY DISCREPANCIES.

FENNELL | PURIFOY

ARCHITECTS

100 RIVER BLUFF DRIVE, SUITE 320 - LITTLE ROCK, AR 72202  
T 501.372.6734 • F 501.372.6736





3  
A5.0

NOT IN SCOPE

NOT IN SCOPE

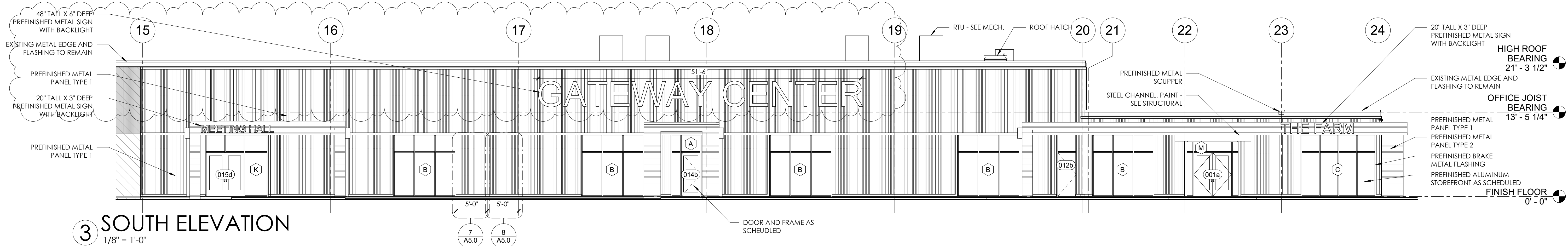
GATEWAY CENTER

# 1 SOUTH ELEVATION - OVERALL 3/64" = 1'-0"

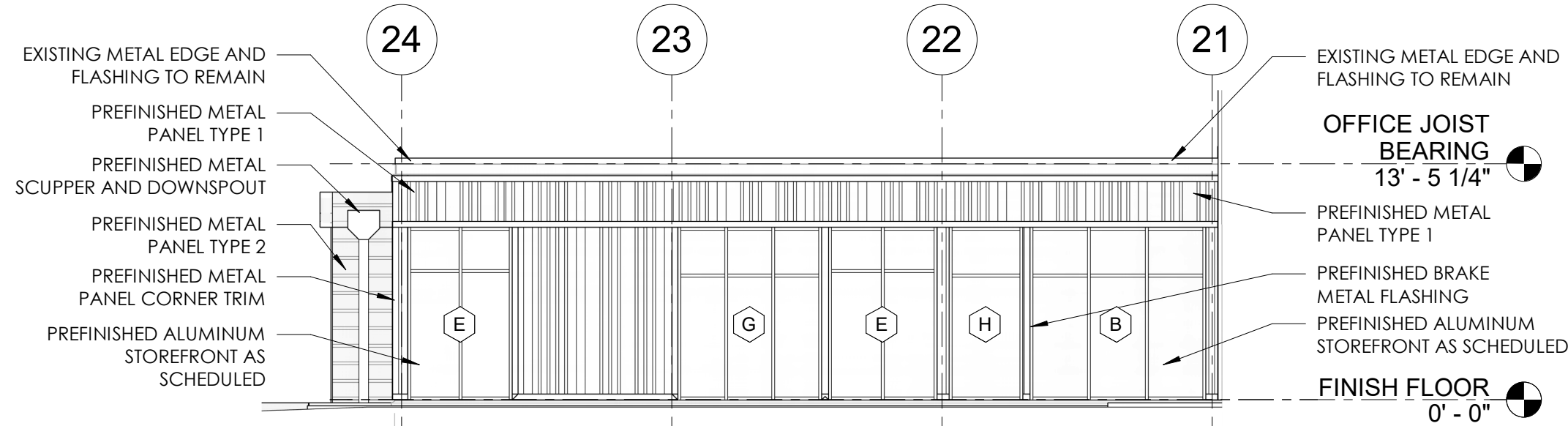
4  
A5.0

NOT IN SCOPE

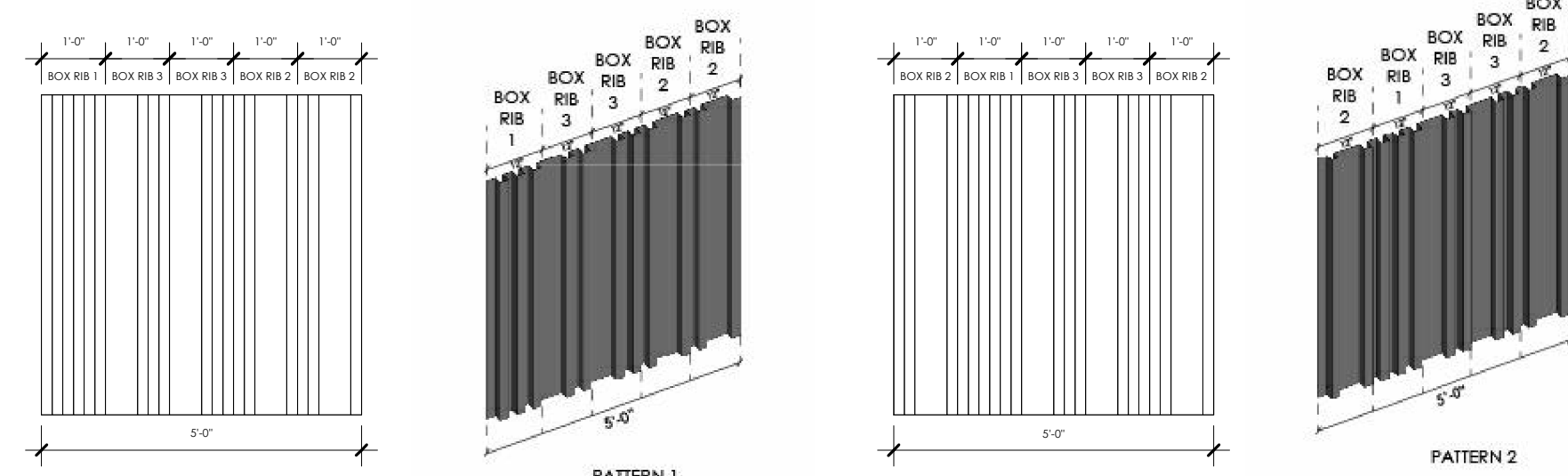
# 2 NORTH ELEVATION - OVERALL 3/64" = 1'-0"



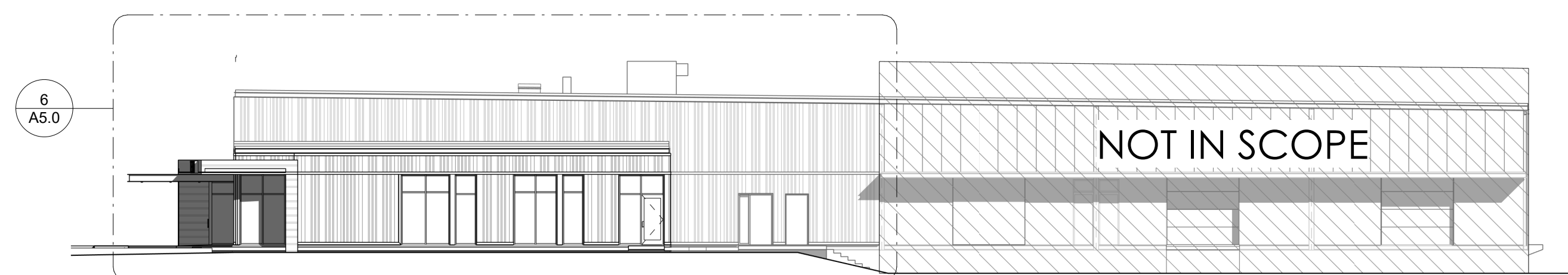
# 3 SOUTH ELEVATION 1/8" = 1'-0"



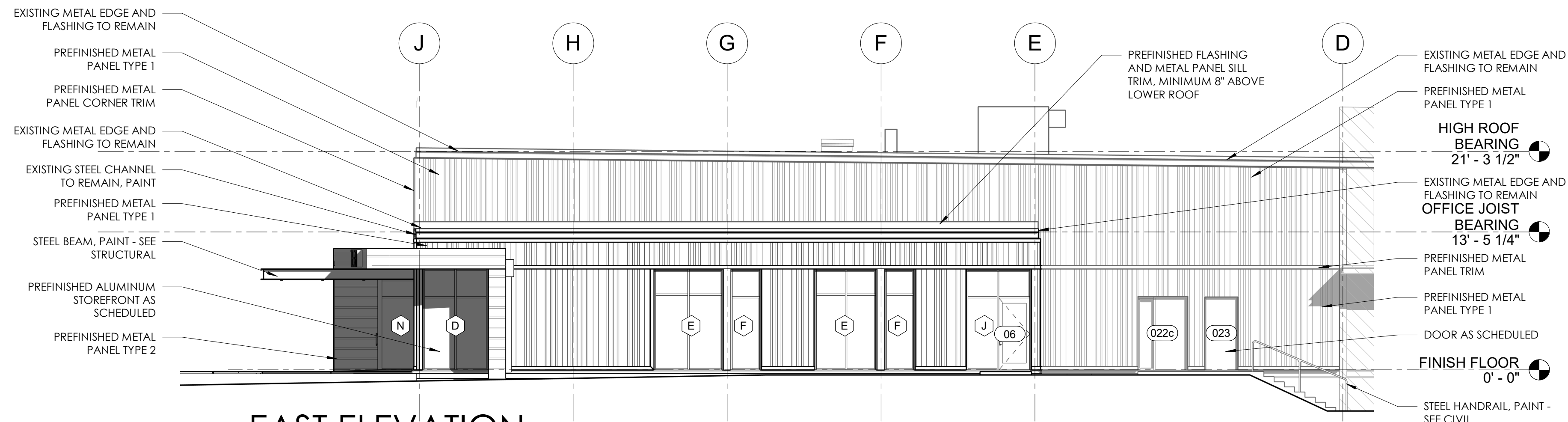
# 4 NORTH ELEVATION 1/8" = 1'-0"



METAL PANEL PATTERN SCHEDULE



# 5 EAST ELEVATION - OVERALL 1/16" = 1'-0"










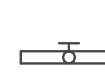


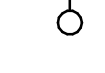

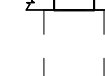
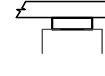





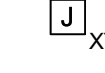
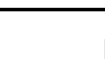
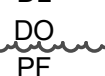
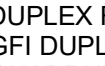
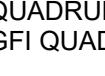

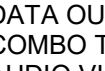




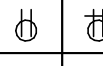

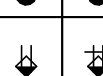
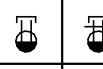



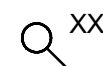

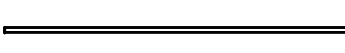








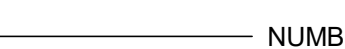


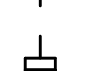


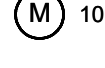

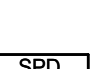



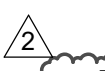

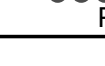
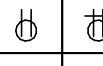

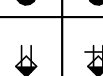
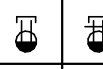






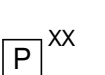
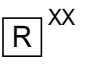

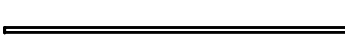








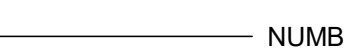


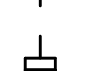


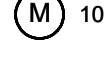

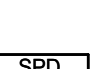



# 6 EAST ELEVATION 1/8" = 1'-0"

FENNELL | PURIFOY

ARCHITECTS

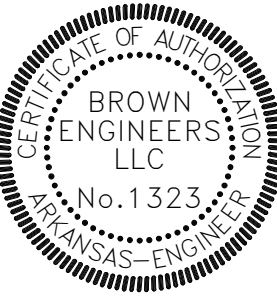
100 RIVER BLUFF DRIVE, SUITE 320 · LITTLE ROCK, AR 72202  
T 501.372.6734 · F 501.372.6736



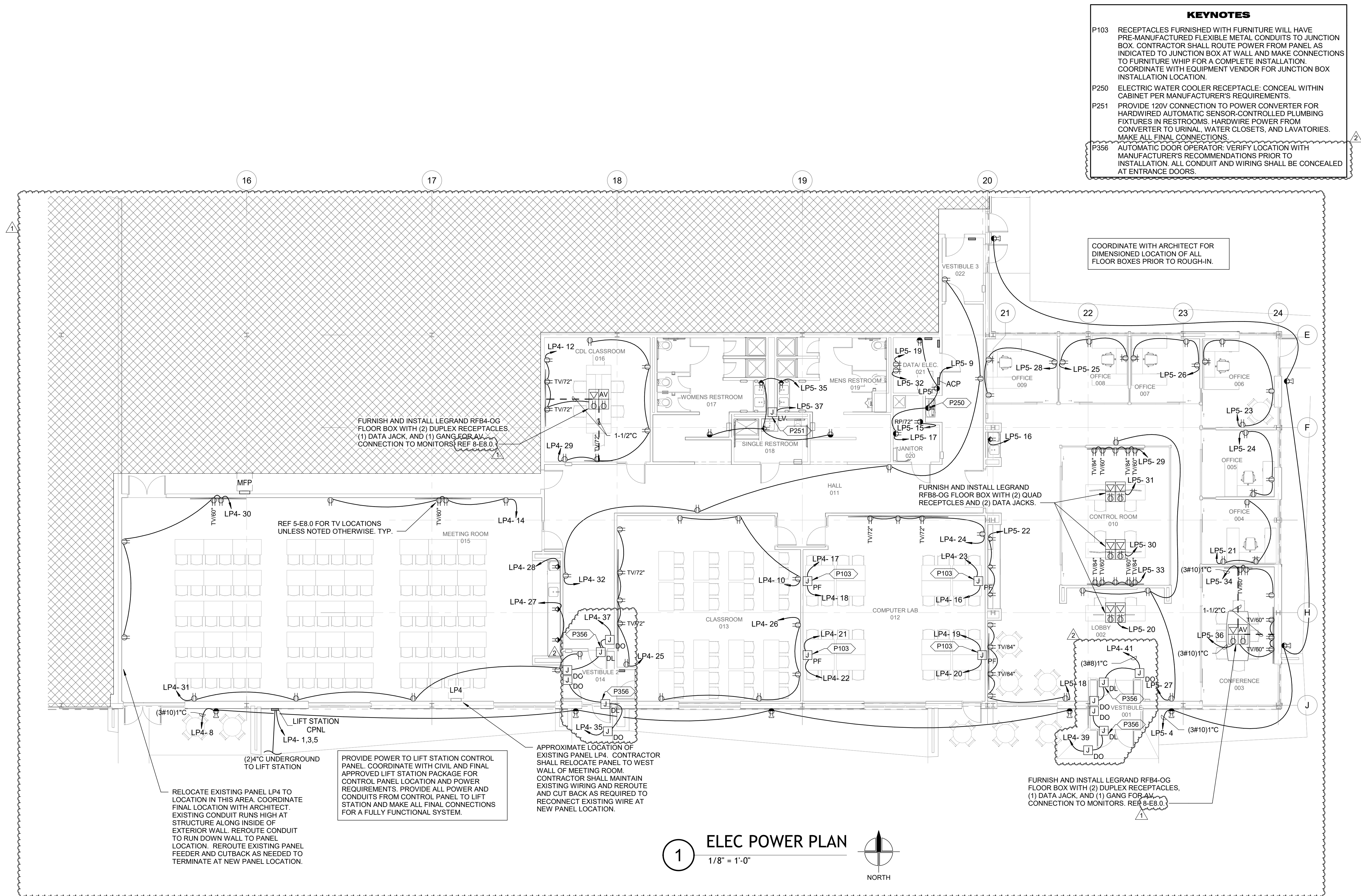
POWER AND LIGHTING LEGEND									
ABBREVIATION OR SYMBOL	DESCRIPTION	ABBREVIATION OR SYMBOL	DESCRIPTION	ABBREVIATION OR SYMBOL	DESCRIPTION				
<div>FIXTURE DESIGNATION</div> <div> 2x4 LAY-IN OR SURFACE MOUNTED FIXTURE</div> <div> 2x4 LAY-IN OR SURFACE MOUNTED FIXTURE, SHADING INDICATES EMERGENCY POWERED BATTERY</div> <div> 2x2 LAY-IN OR SURFACE MOUNTED FIXTURE</div> <div> 2x2 LAY-IN OR SURFACE MOUNTED FIXTURE, SHADING INDICATES EMERGENCY POWERED BATTERY</div> <div> SURFACE OR STRIP FIXTURE</div> <div> RECESSED STRIP FIXTURE, SHADING INDICATES EMERGENCY POWERED BATTERY</div> <div> RECESSED DOWNLIGHT</div> <div> RECESSED DOWNLIGHT, SHADING INDICATES EMERGENCY POWERED BATTERY</div> <div> WALL-MOUNTED LINEAR FIXTURE</div> <div> DOWNLIGHT FIXTURE</div> <div> DOWNLIGHT FIXTURE, SHADING INDICATES EMERGENCY POWERED BATTERY</div> <div> WALL-MOUNTED FIXTURE</div> <div> EXIT SIGN, LED TYPE, DARKENED AREA INDICATES FACE, ARROWS INDICATE DIRECTION OF EGRESS</div> <div> RECESSED ELECTRICAL PANEL WITH REQUIRED CLEARANCE</div> <div> SURFACE MOUNTED ELECTRICAL PANEL WITH REQUIRED CLEARANCE</div> <div> COMBINATION STARTER DISCONNECT SWITCH</div> <div> NON FUSED DISCONNECT SWITCH</div> <div> FUSED DISCONNECT SWITCH</div> <div> MOTOR STARTER</div> <div> ELECTRIC MOTOR, HORSEPOWER AS SHOWN.</div> <div> JUNCTION BOX</div> <div> SPECIALTY JUNCTION BOX WITH DESIGNATION "XYZ". REFER TO JBOX ABBREVIATION LEGEND.</div>		<div>FLOOR BOXES</div> <div>FLOOR/WALL BOX WITH DESIGNATION "XYZ". REFER TO FLOOR/WALL BOX ABBREVIATION SCHEDULE.</div> <div><div><div><div> (1)</div><div> (2)</div><div> (3)</div><div> (4)</div></div><div><div> (6)</div><div> (7)</div><div> (8)</div><div> (9)</div></div><div>XYZ</div></div><div><div>DUPLEX</div><div>QUADPLEX</div><div><div><div> STANDARD</div><div> ABOVE COUNTER</div><div> GFCI</div><div> GFCI ABOVE COUNTER</div><div> WEATHER PROOF</div><div> CEILING MOUNT</div></div><div><div>ABC</div><div>XYZ</div><div>MULTI POLE RECEPTACLE. REFER TO RECEPTACLE ABBREVIATION LEGEND FOR DETAILS.</div><div>SIMPLEX RECEPTACLE. REFER TO RECEPTACLE ABBREVIATION LEGEND FOR DETAILS.</div></div></div><div>SPECIALTY RECEPTACLES WITH DESIGNATION "XYZ", "ABC", etc. REFER TO RECEPTACLE ABBREVIATION LEGEND BELOW.</div></div></div>		<div>SWITCHES</div> <div>S SINGLE POLE LIGHT SWITCH</div> <div>S<sub>M</sub> PADLOCKABLE HP RATED SWITCH</div> <div>S<sub>X</sub> SPECIALTY SWITCH. FOR "X" DESIGNATION, SEE LIGHTING SWITCH ABBREVIATION SCHEDULE BELOW.</div> <div><div>LIGHTING -- SWITCH ABBREVIATION SCHEDULE</div><div>WA LMSW-101: SINGLE BUTTON DIGITAL WALL SWITCH</div><div>WB WATTSTOPPER LMSW-102: TWO BUTTON DIGITAL WALL SWITCH</div><div>WF WATTSTOPPER LMDM-101: DIMMING DIGITAL WALL SWITCH</div><div>WJ WATTSTOPPER PW-301: PASSIVE INFRARED WALL OCCUPANCY SENSOR SWITCH</div></div> <div><div>ELECTRICAL GENERAL NOTES</div><div>1. ALL ELECTRICAL WORK SHALL COMPLY WITH ALL LOCAL CODES, AUTHORITIES HAVING JURISDICTION, DRAWINGS AND SPECIFICATIONS. IF DISCREPANCIES ARE FOUND - THE MOST STRINGENT REQUIREMENT SHALL GOVERN WORK. REFER TO SPECIFICATIONS AND PROJECT MANUAL FOR ADDITIONAL INFORMATION AND REQUIREMENTS.</div><div>2. REFER TO ALL PROJECT DRAWINGS FOR DETAILS OF CONSTRUCTION AND INSTALLATION REQUIREMENTS.</div><div>3. PRIOR TO BID, CONTRACTOR SHALL BECOME THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THESE NOTES AS WELL AS OTHER NOTES SHOWN ON THE CONTRACT DOCUMENTS.</div><div>4. THESE DRAWINGS REFLECT A SYSTEM DESIGNED AROUND SPECIFIED REFERENCE PRODUCTS. THE SELECTION OF WHICH HAS INFLUENCED THE DESIGNS OF OTHER TRADES. IF SUBSTITUTE MANUFACTURERS, SIZES, OR MODEL NUMBERS ARE BID OR SUBMITTED, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL DIFFERENCES PRIOR TO BID. ALL COSTS OF ALL TRADES ASSOCIATED WITH THE SUBSTITUTION SHALL BE INCLUDED IN THE BID.</div><div>5. REFER TO ELECTRICAL SCHEDULES AND SPECIFICATIONS FOR BASIS OF DESIGN, ACCEPTABLE MANUFACTURERS, AND MODELS OF ELECTRICAL FIXTURES AND EQUIPMENT.</div><div>6. 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, DEVICE, OPTION, FITTING, OR COMPONENT. CONTRACTOR SHALL NOT SCALE DRAWINGS. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT LIMIT THE RESPONSIBILITY OF WORK REQUIRED BY THE CONTRACT DOCUMENTS.</div><div>7. 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.</div><div>8. ALL ELECTRICAL CONDUIT SHALL BE 1/2" OR GREATER. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF OTHER TRADES. REFER TO ALL CONSTRUCTION DOCUMENTS FOR COMPLETE INFORMATION PRIOR TO BID.</div><div>9. NO ELECTRICAL SYSTEMS SHALL BE SUSPENDED, HUNG, OR SUPPORTED FROM DUCTWORK OR PIPING.</div><div>10. CONTRACTOR SHALL BE RESPONSIBLE FOR FLASHING AND SEALING OF ALL ROOF PENETRATIONS AIR AND WATER TIGHT.</div><div>11. CLOSELY COORDINATE FINAL LOCATIONS OF INSTALLED EQUIPMENT TO ACHIEVE THE GREATEST ACCESSIBILITY FOR MAINTENANCE.</div><div>12. CONTRACTOR SHALL VISIT THE SITE TO ESTABLISH THE EXISTING CONDITIONS PRIOR TO CONDUIT OR ELECTRICAL EQUIPMENT FABRICATION. SYSTEMS SHALL BE ERECTED USING FIELD MEASUREMENTS FOR COORDINATION WITH THE EXISTING EQUIPMENT, STRUCTURE, FIRE PROTECTION AND ELECTRICAL.</div><div>13. ALL EQUIPMENT, DEVICES, AND FIXTURES SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATION.</div><div>14. EXPOSED CONDUIT AND MC CABLE SHALL BE FURNISHED SUITABLE FOR PAINTING, AND SHALL BE PAINTED AS REQUIRED BY ARCHITECTURAL SPECIFICATIONS.</div><div>15. PROVIDE ALL FITTINGS, COUPLINGS, AND OTHER ACCESSORIES NEEDED TO COMPLETE CONNECTIONS AND PROVIDE FOR PROPER OPERATION OF ELECTRICAL FIXTURES AND ELECTRICAL EQUIPMENT.</div><div>16. REFER TO ELECTRICAL SPECIFICATIONS FOR CONDUIT MATERIALS AND INSTALLATION REQUIREMENTS.</div><div>17. FIRE STOP ALL CONDUIT PENETRATIONS THROUGH RATED WALLS. REFER TO SPECIFICATIONS.</div><div>18. REFER TO ARCHITECTURAL PLANS FOR CEILING GRILL AND LIGHT FIXTURE LOCATIONS, FOR CEILING TYPE, AND FOR MOUNTING REQUIREMENTS. CONTRACTOR SHALL PROVIDE AND INSTALL ALL LIGHTS WITH MOUNTING DESIGNED FOR MOUNTING SURFACE TYPE. PROVIDE CONCRETE PADS FOR ALL GROUND MOUNTED EQUIPMENT. REPLACE ALL ARCHITECTURAL FEATURES REMOVED OR DAMAGED DURING THE COURSE OF THE WORK.</div><div>19. CONTRACTOR SHALL PATCH ALL WALLS, FLOORS, AND CEILINGS TO MATCH NEW/EXISTING FOR OPENINGS CREATED BY INSTALLATION OF EQUIPMENT AND ELECTRICAL SERVICE PENETRATIONS.</div><div>20. ALL HVAC WITH ELECTRICAL REQUIREMENTS SHALL BE INSTALLED WITH ELECTRICAL INFRASTRUCTURE NECESSARY TO PROVIDE A FULLY FUNCTIONING SYSTEM. IF NOT SPECIFICALLY SHOWN ON ELECTRICAL SCHEDULE, HVAC FIXTURES REQUIRING ELECTRICAL SERVICE SHALL BE FED FROM BREAKER OF ADEQUATE CAPACITY. REFER TO STRUCTURAL ENGINEERING CONTRACT FOR PROJECT SEISMIC DESIGN CRITERIA. PROVIDE VIBRATION ISOLATION AND SEISMIC RESTRAINT FOR EQUIPMENT AND CONDUIT AS REQUIRED.</div></div>		<div>SENSORS</div> <div> SPECIALTY CEILING MOUNT SENSOR WITH DESIGNATION "XX", REFER TO ABBREVIATION LEGEND BELOW.</div> <div> SPECIALTY CORNER MOUNT SENSOR WITH DESIGNATION "XX", REFER TO ABBREVIATION LEGEND BELOW.</div> <div><div>LIGHTING -- SENSOR ABBREVIATION SCHEDULE</div><div>DT DIGITAL DUAL TECHNOLOGY CEILING MOUNT OCCUPANCY SENSOR</div><div>DT DIGITAL DUAL TECHNOLOGY CORNER MOUNT OCCUPANCY SENSOR</div></div> <div><div>COMMUNICATIONS DEVICES</div><div>I INTERCOM STATION</div><div>M I MASTER INTERCOM STATION</div><div>C CLOCK</div><div>D C CLOCK, DUAL SIDED</div><div>WG C CLOCK, WITH WIREGUARD</div><div>H HORN SPEAKER</div><div>WP H HORN SPEAKER - WEATHERPROOF</div><div>P PAGING SPEAKER</div><div>C CAMERA WITH PAN, TILT, &amp; ZOOM</div><div>WP C CAMERA - WEATHERPROOF WITH PAN, TILT, &amp; ZOOM</div><div>V J A J SPECIAL SYSTEMS JUNCTION BOX ABOVE CEILING. ROUTE 1" C WITH PULL STRING TO DATA/ELECTRICAL ROOM. (V) VIDEO, (A) ALARM/ACCESS</div><div>A ACCESS CONTROL - PROVIDE ACCESS CONTROL ROUGH-IN AT DOOR. REFER TO DETAILS FOR ACCESS CONTROL ROUGH-IN REQUIREMENTS.</div><div>D MAGNETIC DOOR HOLDER</div><div>F FIRE ALARM PULL STATION</div><div>F A FIRE ALARM COMBINATION HORN/STROBE DEVICE</div><div>S A FIRE ALARM COMBINATION SPEAKER/STROBE DEVICE</div><div>F A FIRE ALARM STROBE DEVICE</div><div>Z C Z M Z FIRE ALARM ZAM DEVICE: IAM (I), CONTROL (C), OR MONITOR MODULE (M)</div><div>S SMOKE DETECTOR</div><div>H H HEAT DETECTOR</div><div>D S DUCT SMOKE DETECTOR</div><div>DA S DUCT SMOKE DETECTOR WITH AUXILIARY CONTACTS</div><div>TS FS TAMPER SWITCH / FLOW SWITCH</div><div>ATS SERVICE ENTRANCE RATED AUTOMATIC TRANSFER SWITCH</div><div>M MANHOLE, HANDHOLE DESIGNATION REFER TO SCHEDULE.</div></div>		<div>1. SOME SYMBOLS OR ABBREVIATIONS MAY APPEAR ON THIS SHEET AND NOT BE UTILIZED ON THE PROJECTS.</div> <div><div>WIRE TYPES</div><div> LIGHTING CONTROL CABLING</div></div> <div><div>EQUIPMENT AND CONDUIT LINE TYPES</div><div> FURNISH + INSTALL NEW</div><div> EXISTING</div><div> DEMOLISH</div><div> UNDERGROUND CONNECT TO EXISTING</div><div> CONDUIT TYPE (SEE ABBREVIATIONS) REFER TO SPECIFICATIONS IF NOT SHOWN</div><div> CONDUIT SIZE</div><div> GROUNDED (NEUTRAL) CONDUCTOR, NUMBER AND SIZE</div><div> GROUNDED (NEUTRAL) CONDUCTOR, NUMBER AND SIZE</div><div> PHASE (HOT) CONDUCTOR, NUMBER &amp; SIZE</div><div> NUMBER OF SETS</div><div> HOME RUN TO PANEL. LETTER(S) INDICATE NAME OF PANEL, NUMBER(S) INDICATE CIRCUIT NUMBERS.</div></div> <div><div>ONE LINE SYMBOLS</div><div> CIRCUIT BREAKER, TRIP RATING SHOWN, 3-POLE UNLESS NOTED.</div><div> FUSE, CURRENT LIMITING, RATING AS SHOWN.</div><div> TRANSFORMER, RATINGS AS SHOWN.</div><div> ELECTRIC MOTOR, HORSEPOWER SHOWN.</div><div> MOTOR STARTER, SIZE AS SHOWN OR REQUIRED. FVNR UNLESS NOTED.</div><div> SURGE PROTECTION DEVICE.</div><div> GENERATOR</div><div> GROUNDING ROD, 3/4" x 10' MINIMUM, COPPER CLAD.</div><div> VARIABLE FREQUENCY DRIVE.</div><div> AUTOMATIC TRANSFER SWITCH</div></div>	
<div>POWER -- J-BOX ABBREVIATION SCHEDULE</div> <div> DL DOOR OPERATOR ACTUATOR</div> <div> DO DOOR OPERATOR PUSH BUTTON</div> <div> PF POWERED FURNITURE</div>		<div>POWER -- FLOOR/WALL BOX ABBREVIATION SCHEDULE</div> <div><div><div>DUPLEX</div><div>QUADPLEX</div><div><div><div> STANDARD</div><div> ABOVE COUNTER</div><div> GFCI</div><div> GFCI ABOVE COUNTER</div><div> WEATHER PROOF</div><div> CEILING MOUNT</div></div><div><div>ABC</div><div>XYZ</div><div>MULTI POLE RECEPTACLE. REFER TO RECEPTACLE ABBREVIATION LEGEND FOR DETAILS.</div><div>SIMPLEX RECEPTACLE. REFER TO RECEPTACLE ABBREVIATION LEGEND FOR DETAILS.</div></div></div><div>SPECIALTY RECEPTACLES WITH DESIGNATION "XYZ", "ABC", etc. REFER TO RECEPTACLE ABBREVIATION LEGEND BELOW.</div></div><div><div>POWER -- RECEPTACLE ABBREVIATION LEGEND</div><div>RP/72" DEDICATED GFI RECEPTACLE FOR RECIRC PUMP APPROX. 72" AFF. COORDINATE FINAL LOCATION WITH PLUMBING CONTRACTOR</div><div>TV/60" DEDICATED RECEPTACLE FOR TV 60" AFF</div><div>TV/72" DEDICATED RECEPTACLE FOR TV 72" AFF</div><div>TV/84" DEDICATED RECEPTACLE FOR TV 84" AFF</div></div></div>		<div>POWER -- LIGHTING SWITCH ABBREVIATION SCHEDULE</div> <div>WA LMSW-101: SINGLE BUTTON DIGITAL WALL SWITCH</div> <div>WB WATTSTOPPER LMSW-102: TWO BUTTON DIGITAL WALL SWITCH</div> <div>WF WATTSTOPPER LMDM-101: DIMMING DIGITAL WALL SWITCH</div> <div>WJ WATTSTOPPER PW-301: PASSIVE INFRARED WALL OCCUPANCY SENSOR SWITCH</div>		<div>POWER -- LIGHTING SENSOR ABBREVIATION SCHEDULE</div> <div>DT DIGITAL DUAL TECHNOLOGY CEILING MOUNT OCCUPANCY SENSOR</div> <div>DT DIGITAL DUAL TECHNOLOGY CORNER MOUNT OCCUPANCY SENSOR</div>			
<div>DATA DEVICES</div> <div> TELEPHONE OUTLET; ABOVE COUNTER, &amp; FIREMAN'S</div> <div> DATA OUTLET; ABOVE COUNTER &amp; CEILING MOUNTED</div> <div> COMBINATION DATA/TELEPHONE OUTLET &amp; COMBINATION DATA/TELEPHONE OUTLET ABOVE COUNTER</div> <div> TELEVISION OUTLET WITH HEIGHT A.F.F. DESIGNATION</div>		<div>ROOM CONTROLLERS / POWER PACKS</div> <div> <sup>XX</sup> SPECIALTY POWER PACK WITH DESIGNATION "XX", REFER TO ABBREVIATION LEGEND BELOW.</div> <div> <sup>XX</sup> SPECIALTY ROOM CONTROLLER WITH DESIGNATION "XX", REFER TO ABBREVIATION LEGEND BELOW.</div>		<div>LIGHTING -- ROOM CONTROLLER ABBREVIATION SCHEDULE</div> <div>WC WATTSTOPPER LMRC-211: SINGLE RELAY 0-10V DIMMING ROOM CONTROLLER. PROVIDE 0-10V CABLING TO EACH FIXTURE CONNECTED TO DIMMING ROOM CONTROLLER.</div> <div>WD WATTSTOPPER LMRC-212: DUAL RELAY 0-10V DIMMING ROOM CONTROLLER. PROVIDE 0-10V CABLING TO EACH FIXTURE CONNECTED TO DIMMING ROOM CONTROLLER.</div>		<div>GENERAL NOTES</div> <div>1. SOME SYMBOLS OR ABBREVIATIONS MAY APPEAR ON THIS SHEET AND NOT BE UTILIZED ON THE PROJECTS.</div> <div><div>WIRE TYPES</div><div> LIGHTING CONTROL CABLING</div></div> <div><div>EQUIPMENT AND CONDUIT LINE TYPES</div><div> FURNISH + INSTALL NEW</div><div> EXISTING</div><div> DEMOLISH</div><div> UNDERGROUND CONNECT TO EXISTING</div><div> CONDUIT TYPE (SEE ABBREVIATIONS) REFER TO SPECIFICATIONS IF NOT SHOWN</div><div> CONDUIT SIZE</div><div> GROUNDED (NEUTRAL) CONDUCTOR, NUMBER AND SIZE</div><div> GROUNDED (NEUTRAL) CONDUCTOR, NUMBER AND SIZE</div><div> PHASE (HOT) CONDUCTOR, NUMBER &amp; SIZE</div><div> NUMBER OF SETS</div><div> HOME RUN TO PANEL. LETTER(S) INDICATE NAME OF PANEL, NUMBER(S) INDICATE CIRCUIT NUMBERS.</div></div> <div><div>ONE LINE SYMBOLS</div><div> CIRCUIT BREAKER, TRIP RATING SHOWN, 3-POLE UNLESS NOTED.</div><div> FUSE, CURRENT LIMITING, RATING AS SHOWN.</div><div> TRANSFORMER, RATINGS AS SHOWN.</div><div> ELECTRIC MOTOR, HORSEPOWER SHOWN.</div><div> MOTOR STARTER, SIZE AS SHOWN OR REQUIRED. FVNR UNLESS NOTED.</div><div> SURGE PROTECTION DEVICE.</div><div> GENERATOR</div><div> GROUNDING ROD, 3/4" x 10' MINIMUM, COPPER CLAD.</div><div> VARIABLE FREQUENCY DRIVE.</div><div> AUTOMATIC TRANSFER SWITCH</div></div>			



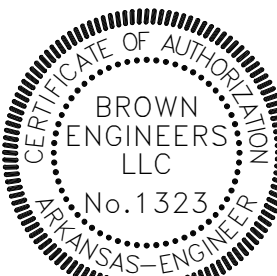
17200 Chenal Pkwy,  
Suite 300 PMB 324  
Little Rock, AR 72223  
P 501.372.6734  
www.browngineers.net



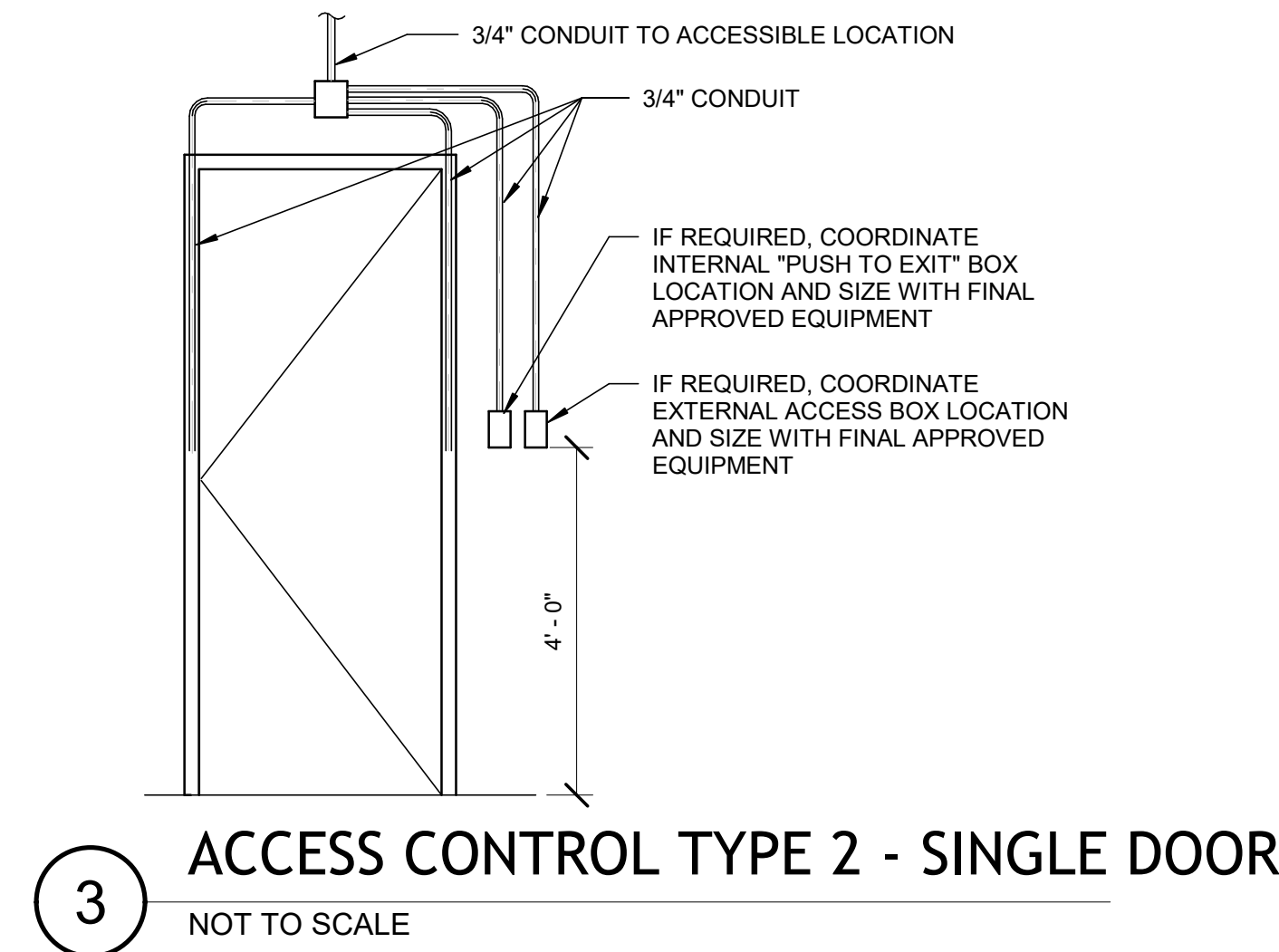




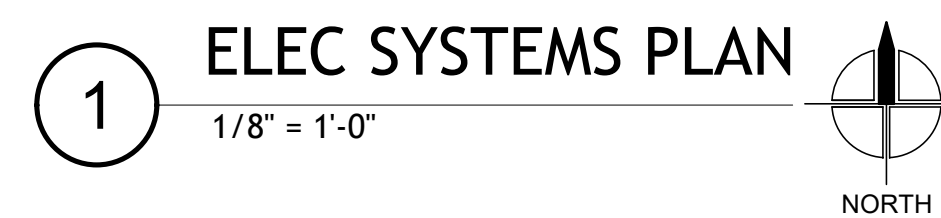
**FENNELL | PURIFOY**  
ARCHITECTS  
100 RIVER BLUFF DR, SUITE 320 • LITTLE ROCK, AR 72202  
T 501.372.6734 • F 501.372.6736





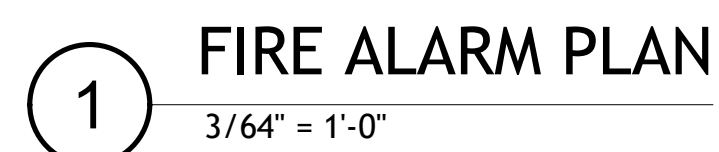


KEYNOTES	
P300	FURNISH AND INSTALL (2)'X8' FIRE RATED PLYWOOD TELEPHONE BACKBOARD.
P302	FURNISH AND INSTALL WALL MOUNTED DATA RACK IN AV/IT ROOM. RACK SHALL BE 19.86"W X 18"D X 22.25"H. RACK SHALL BE VERSARACK E19SWM20U12 OR EQUAL.

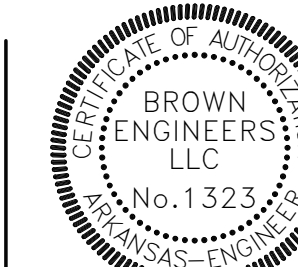




CONTRACTOR SHALL PROVIDE A FULLY FUNCTIONAL COMPLETE U.L. LISTED FIRE ALARM SYSTEM TO MEET THE REQUIREMENTS OF THE NFPA 101, NFPA 72, ADA-AG, AND THE LOCAL AUTHORITY HAVING JURISDICTION. CONTRACTOR SHALL EMPLOY THE SERVICES OF A NICET LEVEL 4 TECHNICIAN TO LAYOUT ALL REQUIRED DEVICES AND COMPLY WITH ALL APPLICABLE SECTIONS OF NFPA 72.



## E5.1 FIRE ALARM PLAN





Branch Panel: MFP

Location: Space 157

Volts: 480/277 Wye

A.I.C. Rating: 22kA

Supply From: MDP

Phases: 3

Panel Rating: 400 A MLO

Mounting: Surface

Wires: 4

Enclosure: NEMA 1

Notes:

CKT	Load Name	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Load Name	CKT
3	AHU -1	20 A	3	4.05	4.05		3.05	3.05		3	15 A	AHU -2	4
5						4.05			3.05				6
7				7.76			7.76						8
9	AHU -3	35 A	3		7.76		7.76	7.76		3	35 A	AHU -4	10
11						7.76			7.76				12
13				18.01			4.10						14
15	AHU -5	80 A	3		18.01		4.10	4.10		3	20 A	WH-1	16
17						18.01			4.10				18
19				0.00			0.00						20
21	SPARE	100 A	3		0.00		0.00	0.00		3	40 A	SPARE	22
23						0.00			0.00				24
25				0.00			--			1	--	SPACE	26
27	SPARE	20 A	3		0.00		--	--		1	--	SPACE	28
29						0.00		--	--	1	--	SPACE	30

Panel Totals

		PHASE A	PHASE B	PHASE C	
	Total Load:	44.73 kVA	44.73 kVA	44.73 kVA	
	Total Amps:	161 A	161 A	161 A	
	Total Conn. Load:	134.18 kVA			
	Total Design Current:	252 A			

Notes:

- PANELBOARD NOTES
- INSTALL LOCKING DEVICE (LOCK-OFF FOR MAINTENANCE)
  - INSTALL LOCKING DEVICE (LOCK-ON FOR CRITICAL LOAD).
  - REFER TO SITE LIGHTING PLAN FOR WIRE SIZES.
  - PROVIDE GFI CIRCUIT BREAKER OR INLINE GFI FOR PERSONNEL PROTECTION (5 mA).
  - PROVIDE GFI CIRCUIT BREAKER OR INLINE GFI FOR EQUIPMENT PROTECTION (30 mA).
  - PROVIDE U.L. LISTED OVERCURRENT DEVICE TO COORDINATE AND MAINTAIN MANUFACTURER'S SERIES RATED SYSTEM.
  - EXISTING CIRCUIT TO REMAIN.
  - EXISTING CIRCUIT BREAKER TO REMAIN. VERIFY CONDITION OF CIRCUIT BREAKER TO ENSURE THAT IT IS OPERATIONAL AND MEETS ALL U.L. RATINGS.
  - TRACE EXISTING CIRCUIT. IDENTIFY LOAD AND PROVIDE TYPEWRITTEN PANELBOARD SCHEDULE AND PLACE ON INTERIOR OF PANELBOARD DOOR. IF CIRCUIT IS A "SPARE", REFER TO NOTE (8).

Branch Panel: LP4													
Location: MEETING ROOM 015				Volts: 120/208 Wye				A.I.C. Rating: 22kA					
Supply From: LDP				Phases: 3				Panel Rating: 400 A MLO					
Mounting: Surface				Wires: 4									
Enclosure: NEMA 1													
Notes: EXISTING PANEL													
CKT	Load Name	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Load Name	CKT
1				2.35			9.82						2
3	LIFT STATION CPNL AND PUMP (6)	70 A	3		2.35			8.28		3	100 A	LP5 (6)	4
5						2.35			8.44				6
7	FOR FUTURE USE AT GARDEN AREA (4...	20 A	1	0.00			0.72			1	20 A	WEST EXTERIOR RECEPTS	8
9	FOR FUTURE USE AT GARDEN AREA...	20 A	1		0.00			0.18		1	20 A	RECEPTACLES CLASSROOM 013	10
11	FOR FUTURE USE AT GARDEN AREA...	20 A	1			0.00			0.90	1	20 A	RECEPTACLES CDL CLASSROOM 016	12
13	FOR FUTURE USE AT GARDEN AREA...	20 A	1	0.00			0.72			1	20 A	RECEPTACLES MEETING ROOM 015	14
15	FOR FUTURE USE AT GARDEN AREA...	20 A	1		0.00			0.72		1	20 A	POWERED FURNITURE COMP LAB 012	16
17	POWERED FURNITURE COMP LAB 012	20 A	1			0.72			0.72	1	20 A	POWERED FURNITURE COMP LAB 012	18
19	POWERED FURNITURE COMP LAB 012	20 A	1	0.72			0.72			1	20 A	POWERED FURNITURE COMP LAB 012	20
21	POWERED FURNITURE COMP LAB 012	20 A	1		0.72			0.72		1	20 A	POWERED FURNITURE COMP LAB 012	22
23	POWERED FURNITURE COMP LAB 012	20 A	1			0.72			0.72	1	20 A	RECEPTACLES COMP LAB 012	24
25	RECEPTACLES CLASSROOM 013	20 A	1	0.90			0.72			1	20 A	RECEPTACLES CLASSROOM 013	26
27	AC RECEPTS MEETING ROOM	20 A	1		0.72			0.36		1	20 A	COFFEE MAKER MEETING ROOM 015	28
29	RECEPTACLES CDL CLASSROOM 016	20 A	1			0.90			0.72	1	20 A	RECEPTACLES MEETING ROOM 015	30
31	RECEPTACLES MEETING ROOM 015	20 A	1	0.90			0.90			1	20 A	RECEPTACLES HALL 011	32
33	LIGHTING CDL CLASSROOM 016	20 A	1		0.86			1.16		1	20 A	LIGHTING MEETING ROOM 015	34
35	DOOR OPERATOR (1)	20 A	1			0.70			0.00	1	20 A	SPARE (6)	36
37	DOOR OPERATOR (1)	20 A	1	0.70				0.00		1	20 A	SPARE (6)	38
39	DOOR OPERATOR (1)	20 A	1		0.70				0.00	1	20 A	SPARE (6)	40
41	DOOR OPERATOR (1)	20 A	1			0.70			0.00	1	20 A	SPARE (6)	42
2													
Panel Totals													
Total Load:				PHASE A		PHASE B		PHASE C					
				19.09 kVA		16.69 kVA		17.59 kVA					
Total Amps:				160 A		139 A		148 A					
Total Conn. Load:				53.36 kVA									
Total Design Current:				233 A									
Notes:													
CONTRACTOR SHALL FIELD VERIFY EXISTING BREAKERS IN PANEL AND PROVIDE ADDITIONAL AS REQUIRED TO POWER CIRCUITS AS SHOWN ON SCHEDULE.													

Branch Panel: LP5

Location: DATA/ ELEC. 021

Supply From: LP4

Mounting: Surface

Enclosure: 1

Volts: 120/208 Wye

Phases: 3

Wires: 4

A.I.C. Rating: 22kA

Panel Rating: 100 A MLO

Notes:

CKT	Load Name	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Load Name	CKT
1	DSCU -01	30 A	2	2.78			1.45			1	20 A	LIGHTING VESTIBULE 2 014	2
3					2.78			0.72		1	20 A	EAST EXTERIOR RECEPTS	4
5	HVAC CONVENIENCE RECEPTS	20 A	1			0.54			0.38	1	20 A	EXTERIOR LIGHTING	6
7	FACP (2)	20 A	1	0.06			0.85			1	20 A	OFFICES, CONTROL ROOM LTG	8
9	ACP	20 A	1		0.06			0.61		1	20 A	LTG RM 15, 016, 17, 18, 19, 20, 21	10
11	LCP	20 A	1			0.06			0.81	1	20 A	LIGHTING LOBBY 002	12
13	UH -01	20 A	1	0.50			0.72			1	20 A	LIGHTING LOBBY 002	14
15	RECIRC PUMP	20 A	1		0.18			0.18		1	20 A	COFFEE MAKER LOBBY 002	16
17	GFI RECEPTS, EWC (4)	20 A	1			0.72			0.90	1	20 A	RECEPTACLES LOBBY 002	18
19	RECEPTACLES DATA/ ELEC. 021	20 A	1	0.36			0.72			1	20 A	RECEPTACLES LOBBY 002	20
21	RECEPTACLES OFFICE 004	20 A	1		0.72			0.54		1	20 A	ABOVE COUNTER RECEPTS LOBBY 002	22
23	RECEPTACLES OFFICE 006	20 A	1			0.90			0.72	1	20 A	RECEPTACLES OFFICE 005	24
25	RECEPTACLES OFFICE 008	20 A	1	0.72			0.72			1	20 A	RECEPTACLES OFFICE 007	26
27	RECEPTACLES LOBBY 002	20 A	1		0.72			0.72		1	20 A	RECEPTACLES OFFICE 009	28
29	RECEPTACLES CONTROL ROOM 010	20 A	1			0.90			0.72	1	20 A	RECEPTACLES CONTROL ROOM 010	30
31	RECEPTACLES CONTROL ROOM 010	20 A	1	0.72			0.36			1	20 A	RECEPTACLES DATA/ ELEC. 021	32
33	RECEPTACLES CONTROL ROOM 010	20 A	1		0.90			0.54		1	20 A	RECEPTACLES CONFERENCE 003	34
35	RESTROOMS RECEPTS	20 A	1			0.90			0.90	1	20 A	RECEPTACLES CONFERENCE 003	36
37	BATHROOM SENSORS	20 A	1	0.25			0.00			1	20 A	SPARE	38
39	SPARE	20 A	1		0.00			0.00		1	20 A	SPARE	40
41	SPARE	20 A	1			0.00			0.00	1	20 A	SPARE	42

Panel Totals

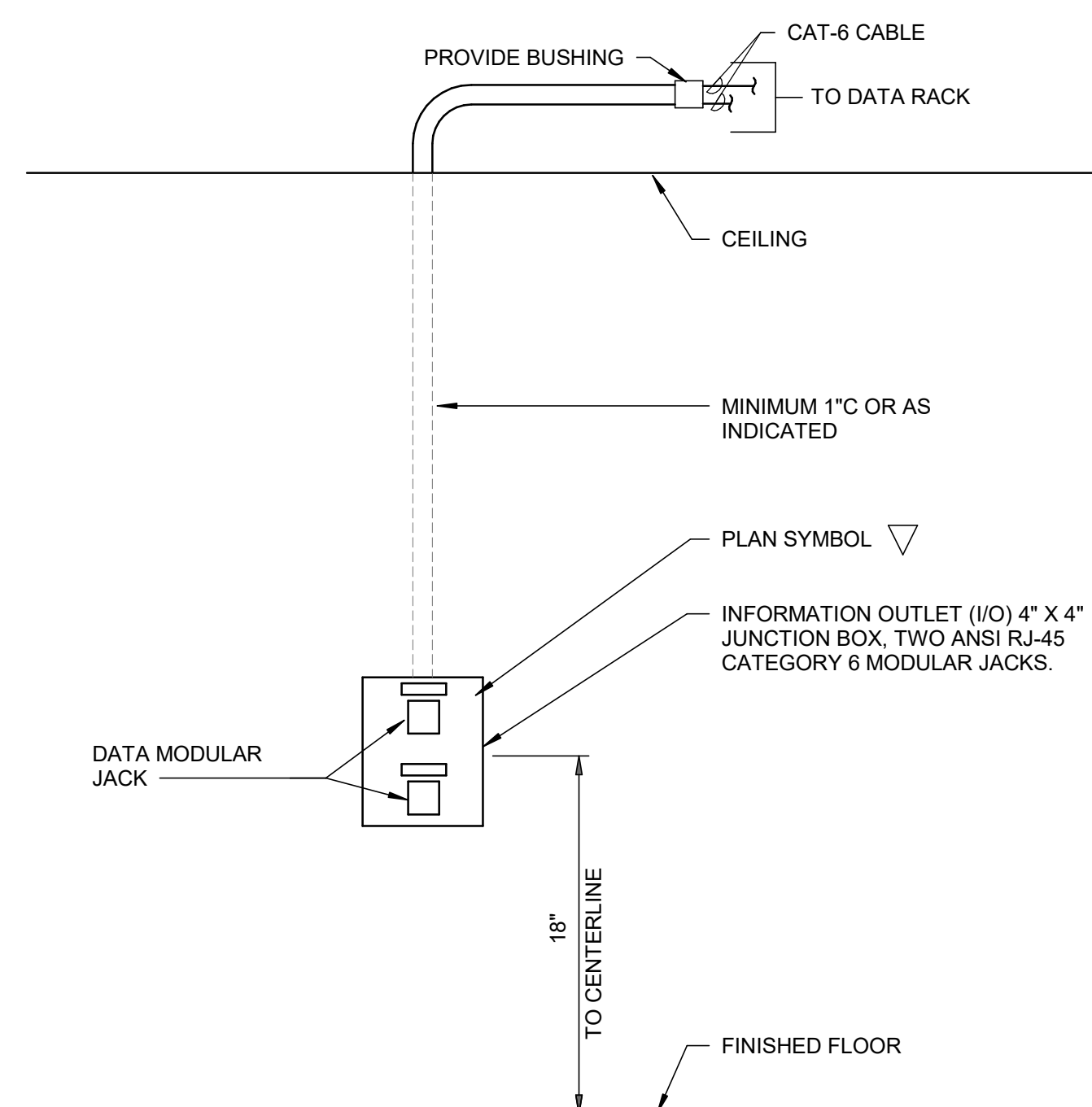
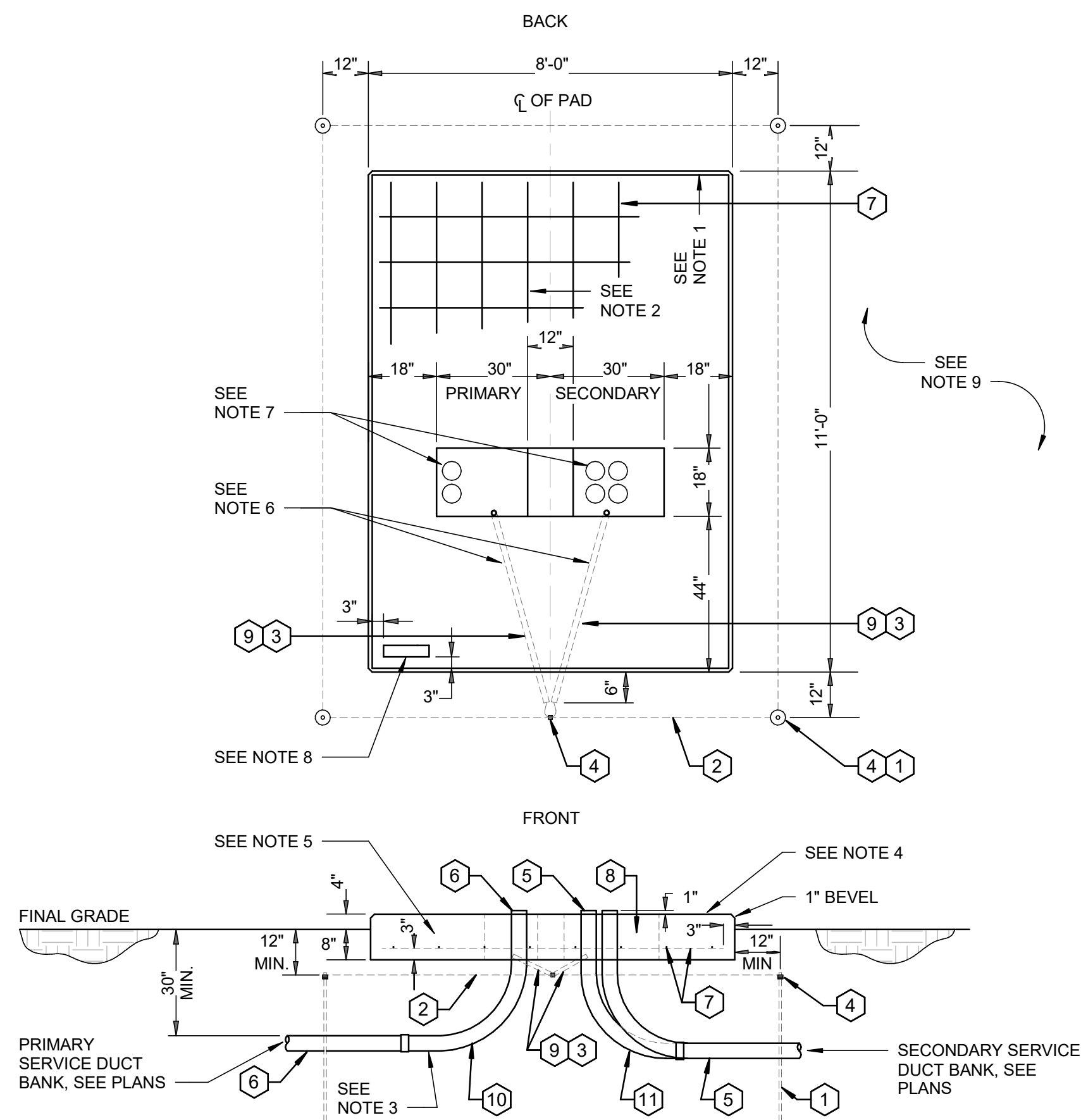
		PHASE A	PHASE B	PHASE C	
Total Load:		9.82 kVA	8.28 kVA	8.44 kVA	
Total Amps:		82 A	69 A	71 A	
Total Conn. Load:	26.54 kVA				
Total Design Current:	92 A				

Notes:

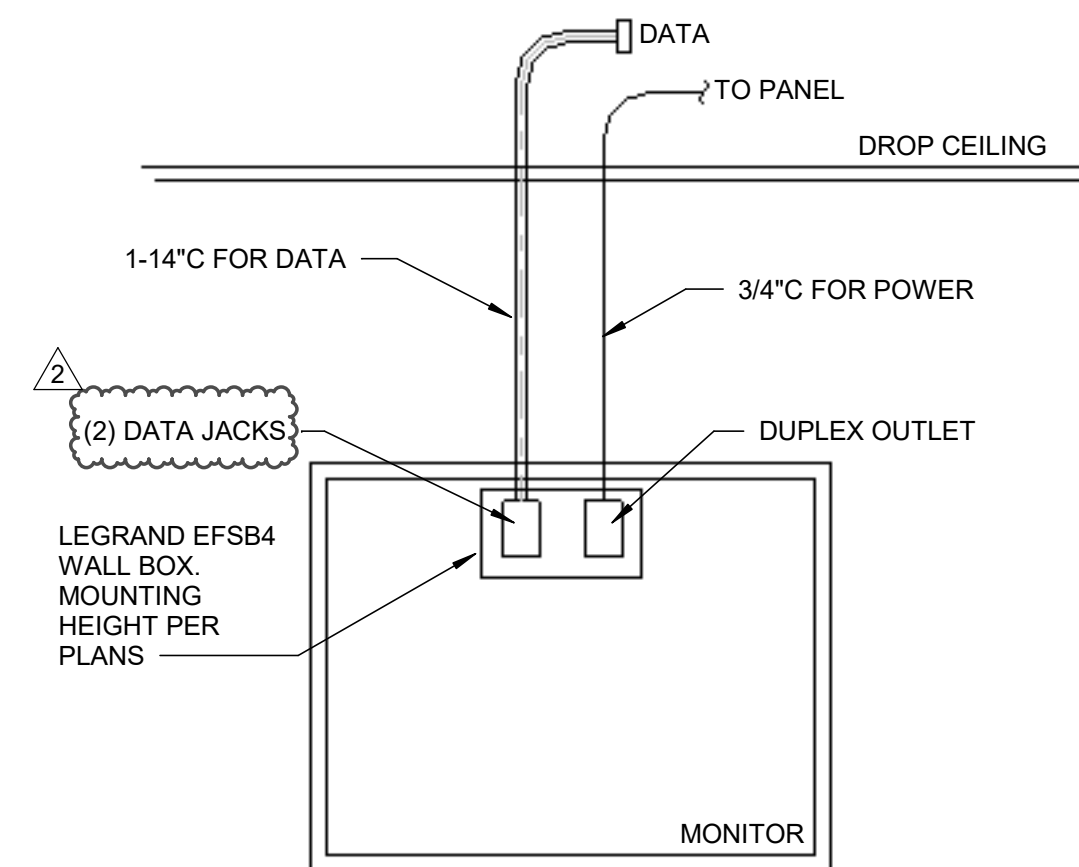


1. INSTALL NEW COPPER CLAD GROUND ROD, 3/4" x 10'-0", TYPICAL OF 4.
2. INSTALL NEW #20 BARE COPPER CONDUCTOR (TYPICAL).
3. INSTALL NEW #2 BARE COPPER CONDUCTOR.
4. INSTALL NEW EXOTHERMIC WELD, TYPICAL OF 5.
5. INSTALL NEW SECONDARY CONDUITS, SEE SITE PLAN.
6. INSTALL NEW PRIMARY CONDUITS, SEE SITE PLAN.
7. INSTALL NEW #4 REBAR, 12" O.C. BOTH WAYS.
8. CONSTRUCT NEW PAD, 20" COMP. CONCRETE, 3500 PSI AT 28 DAYS.
9. INSTALL NEW 1" GRSC UNDER PAD FOR GROUND WIRES (TYPICAL).
10. UTILIZE LONG SWEEP 90° BEND PVC CONDUITS ON PRIMARY CONDUITS
11. UTILIZE LONG SWEEP 90° BEND CONDUITS ON SECONDARY CONDUITS

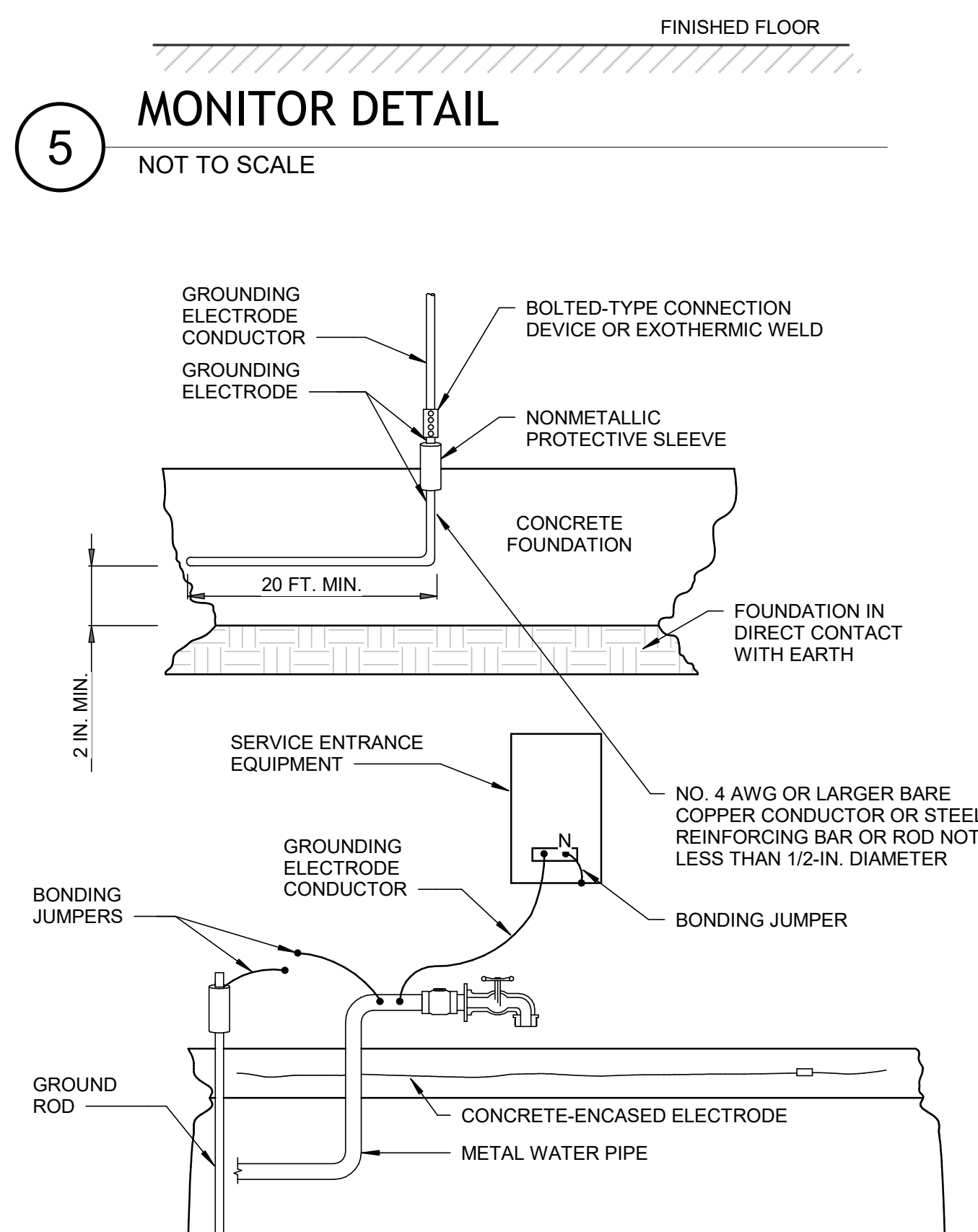
1. WHERE POSSIBLE, DO NOT PLACE CONDUIT UNDER THIS SECTION OF FOUNDATION.
2. REINFORCING - #4 BARS 12" O.C. BOTH WAYS.
3. WHEN INSTALLING CONDUIT, DISTURB GROUND IN FOUNDATION AREA AS LITTLE AS POSSIBLE. EXTEND CONDUIT 1" ABOVE FOUNDATION.
4. TOP OF FOUNDATION TO BE SMOOTH AND LEVEL. FINAL GRADE SHALL SLOPE AWAY FROM PAD.
5. CONCRETE SHALL BE 3500 PSI AT 28 DAYS AND 1:2:4 MIXTURE WITH 6 GAL. MAX. WATER CONTENT PER SACK OF CEMENT.
6. CONTRACTOR TO FURNISH 1" CONDUIT UNDER PAD FOR GROUND WIRE.
7. LOCATE CONDUITS UNDER PRIMARY AND SECONDARY BUSHINGS.
8. TRANSFORMER LOCATION TAG SHALL BE ATTACHED TO PAD WITH CONCRETE NAILS OR SHEET METAL SCREWS.
9. TRANSFORMER AND PAD BOTH REQUIRE A MINIMUM 3'-0" CLEARANCE AROUND EACH SIDE AND BACK OF PAD. A 15'-0" CLEARANCE IS REQUIRED ON FRONT SIDE OF PAD.



1. FLUSH MOUNTED INFORMATION OUTLET: 1 BOX, 2 JACKS, 2 CABLES, 1 CONDUIT PER INFORMATION OUTLET ROUTE UP THROUGH WALL AND STUB ABOVE CEILING. CAP, TAG, AND IDENTIFY ALL CONDUIT. PROVIDE PULLWIRE IN ALL CONDUIT. PULLWIRE TO REMAIN AFTER CABLE INSTALLATION. TWO JACKS AND CABLES UNLESS OTHERWISE NOTED



(5) NOT TO SCALE

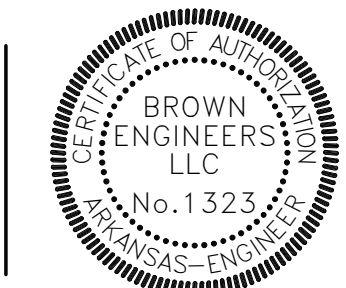


NOT TO SCALE

- GROUND GRID NOTES:**
1. INSTALL 1/0 AWG STRANDED BARE SOFT DRAWN COPPER (BSDC) WIRE AND BOND GROUND TO REINFORCING STEEL BAR IN CONCRETE STRUCTURE FOOTING.
  2. MAKE ALL CONNECTIONS USING EXOTHERMIC WELDING (CADWELD) PROCESS
  3. INSTALL 3/4" CONDUIT WITH (1)-#10 AWG COPPER GROUNDING ELECTRODE CONDUCTOR BETWEEN BUILDING STEEL COLUMN AND GROUND. REMOVE PAINT DOWN TO BARE AND BOND GROUND TO STEEL WITH MECHANICAL LUG. REPAINT AFTER INSTALLATION IS COMPLETE.



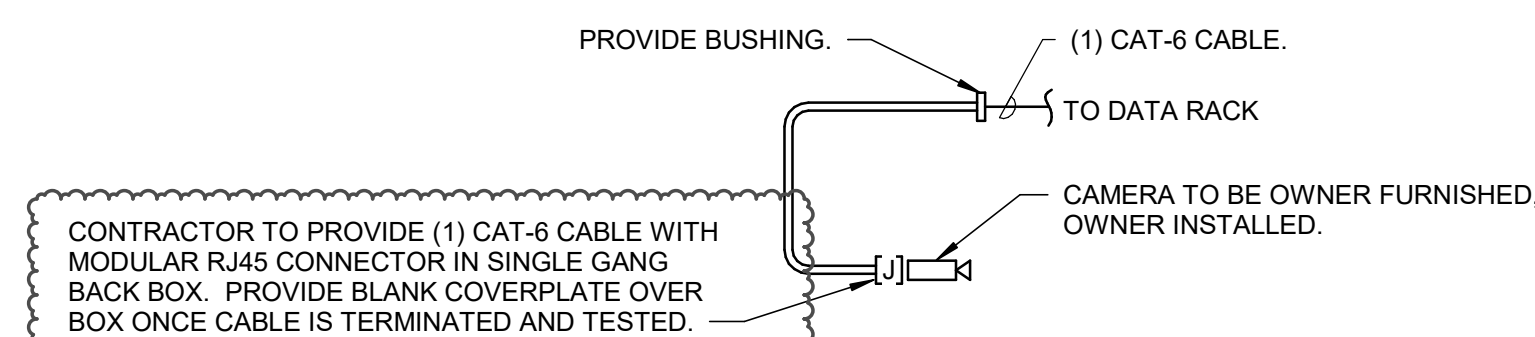
17200 Chenal Pkwy.  
Suite 300 PMB 324  
Little Rock, AR 72223  
Phone 501-448-0100



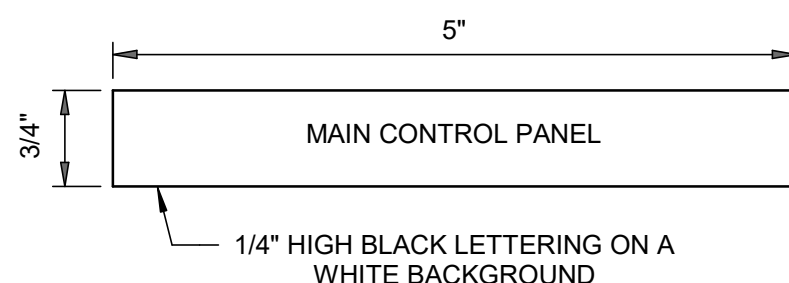
ARCHITECTS

100 RIVER BLUFF DR. SUITE 320 • LITTLE ROCK, AR 72202  
T 501.372.6734 • F 501.372.6736

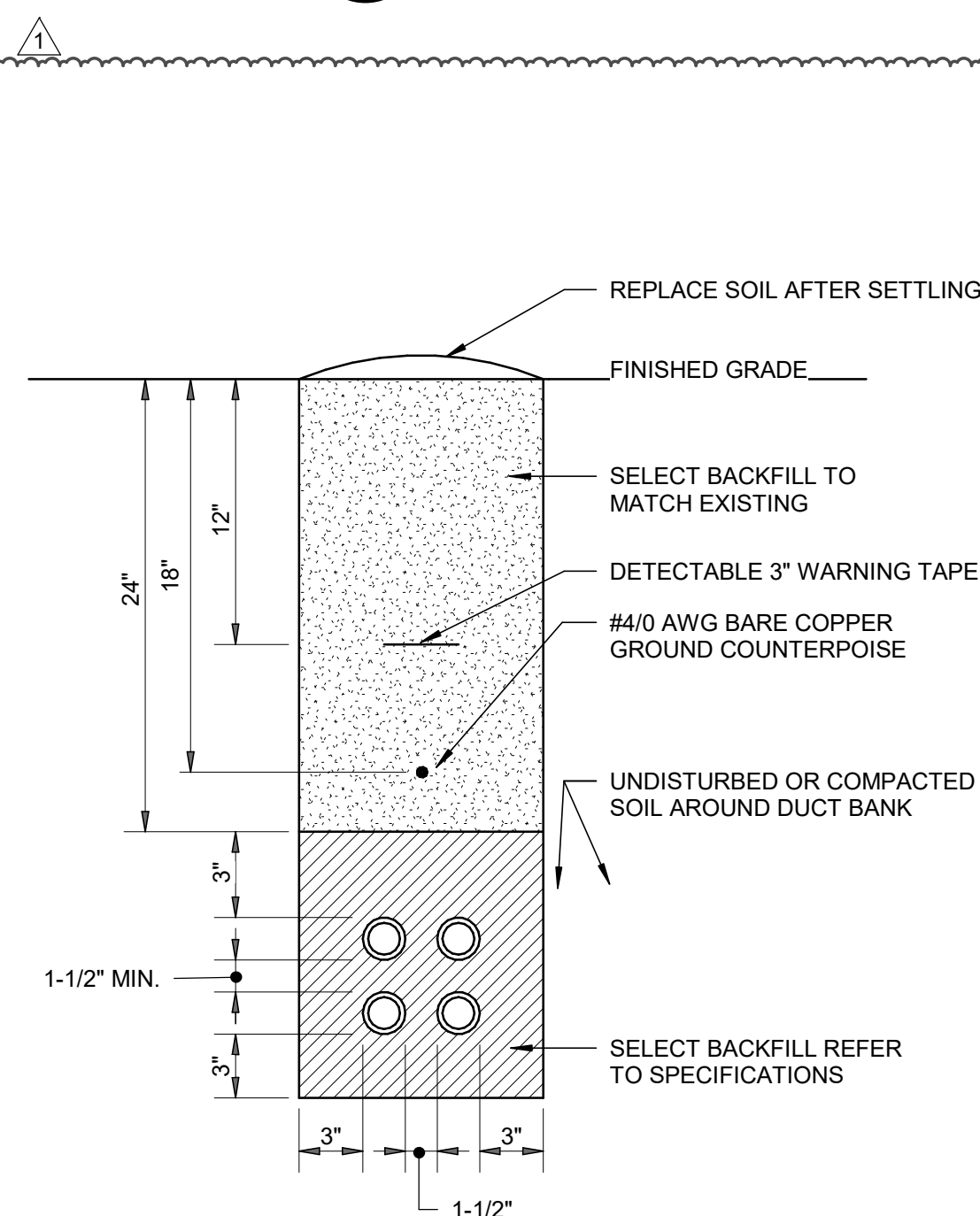
1) NOT TO SCALE



(2) NOT TO SCALE

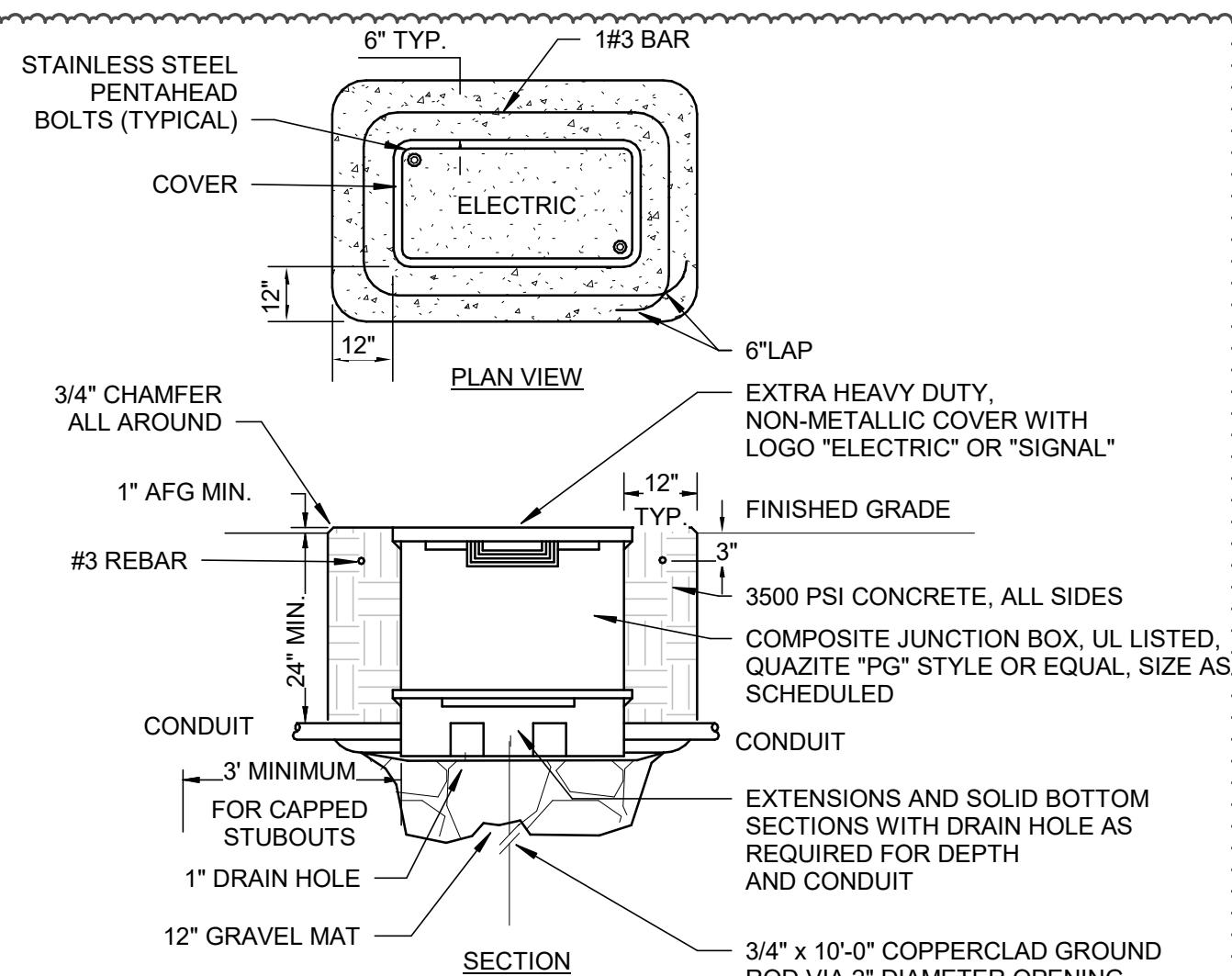


(3) NOT TO SCALE



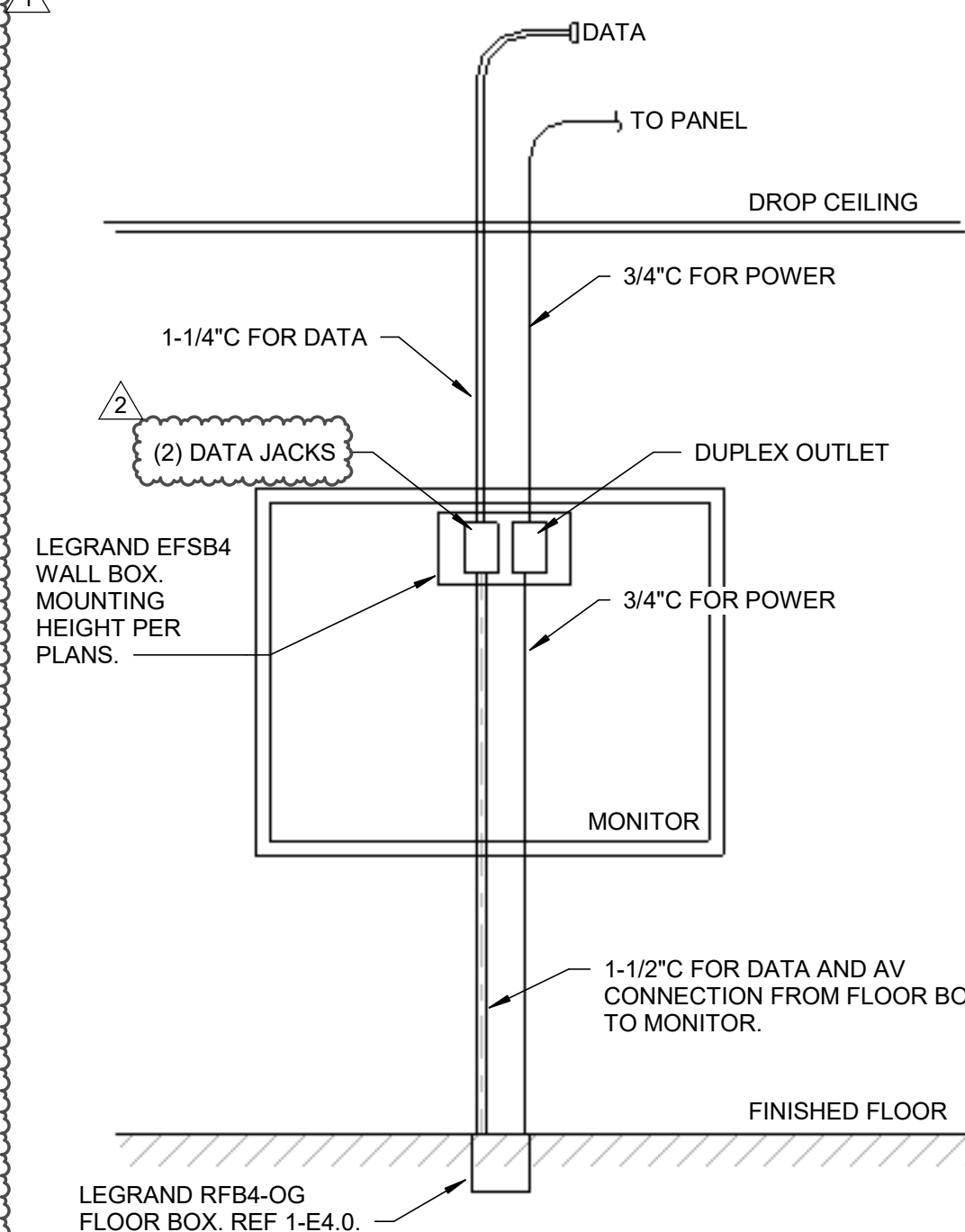
6) TRENCH  
NOT TO SCALE

1. CONTRACTOR SHALL STAKE THE DUCT INSTALLATION IN PLAN AND ELEVATION FOR NEW ELECTRICAL DUCTS TO AVOID EXISTING UTILITIES.
2. CONTRACTOR SHALL ADJUST THE DEPTH OF THE ELECTRICAL DUCTS AS REQUIRED TO MAINTAIN THE MINIMUM COVER REQUIREMENT INDICATED AND AVOID EXISTING UTILITIES.
3. SIMILAR CONSTRUCTION FOR OTHER DUCT SIZES. SEE DUCT BANK SCHEDULE FOR QUANTITY AND SIZE.
4. INSTALL DUCT CONDUIT SUPPORTS AT 5'-0" O.C. MAXIMUM SPACING (TYPICAL ALL DUCTS).
5. PVS AND BENDS OVER 10 DEGREES AND ELBOWS IN PVS CONDUIT RUNS SHALL BE GALVANIZED RIGID STEEL CONDUIT.
6. NO PVC SHALL EMERGE FROM THE GROUND OR CONCRETE SLAB OR ENCASEMENT, PVC SHALL CONVERT TO GALVANIZED RIGID STEEL CONDUIT PRIOR TO ITS EMERGENCE.
7. INSTALL GROUND RODS AT ENDS OF ELECTRICAL DUCT OR CONNECT TO GROUND RING.
8. INSTALL CONDUCTORS AND CABLES AS NOTED ON DRAWING. INSTALL PULLWIRE IN ALL SPARE DUCTS.
9. MINIMUM COVER REQUIREMENT FOR DUCT BANKS UNDER ROADS, DRIVEWAYS AND PARKING LOTS SHALL BE 24".
10. MINIMUM COVER REQUIREMENTS FOR ELECTRICAL SECONDARY SERVICE DUCT BANKS SHALL BE 30".
11. MINIMUM COVER REQUIREMENTS FOR ELECTRICAL PRIMARY SERVICE DUCT BANKS SHALL BE 36".



1. HANDHOLE AND EXTRA HEAVY-DUTY COVER SHALL BE DESIGNED FOR A TEST LOAD OF 33,750 LBS AND A DESIGN LOAD OF 22,500 LBS.
2. PROVIDE HANDHOLE WITH 2" C STUBOUTS IN EACH FACE, CAPPED WATERTIGHT.
3. HANDHOLE INTERIOR DIMENSIONS SHALL BE 30" L x 17" W x 28" D.
4. PROVIDE MINIMUM 3' SLACK CABLE LOOP FOR EACH CABLE.
5. COLOR CODE, TAG AND IDENTIFY ALL CABLES IN HANDHOLE.
6. EXACT LOCATION OF EACH HANDHOLE SHALL BE APPROVED BY THE OWNER AND ENGINEER.

(7) NOT TO SCALE



8) NOT TO SCALE