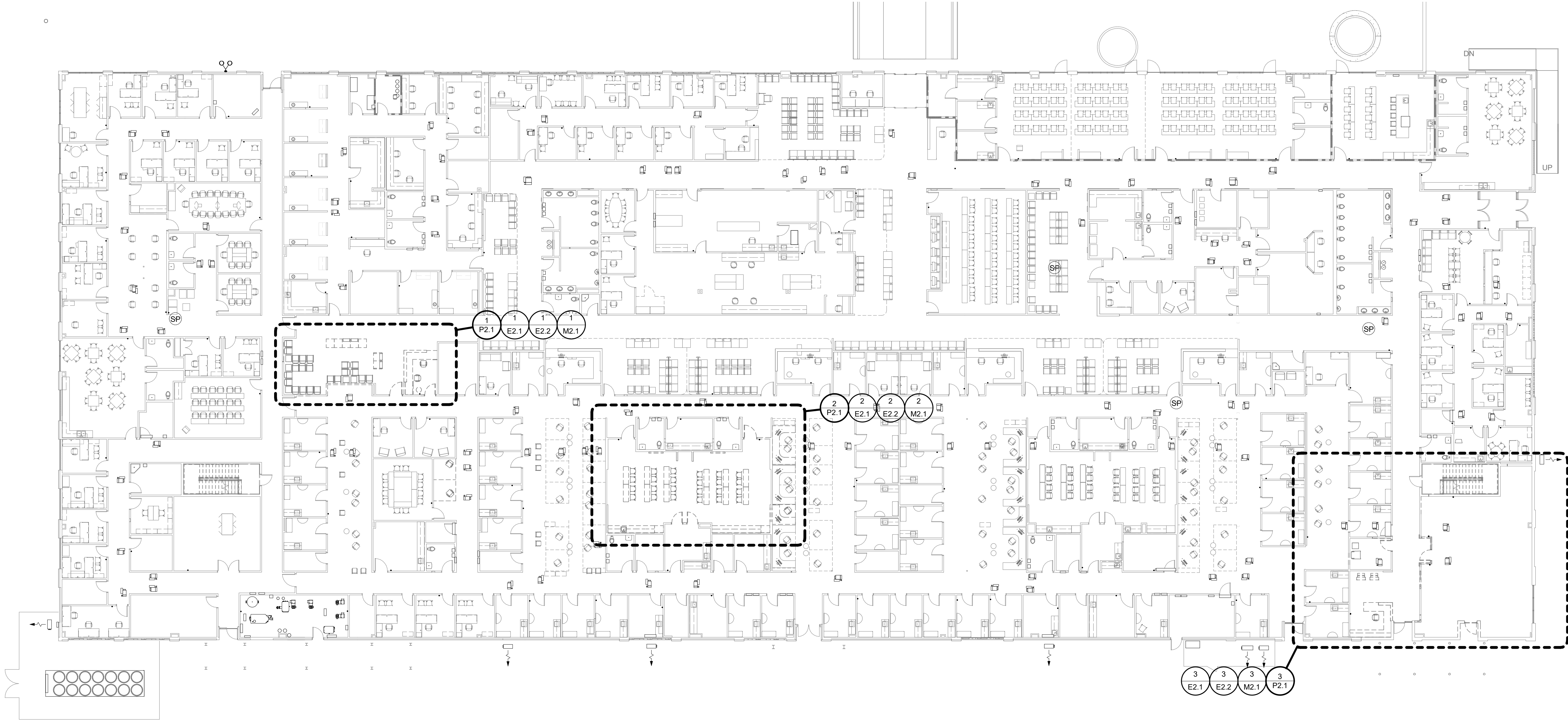
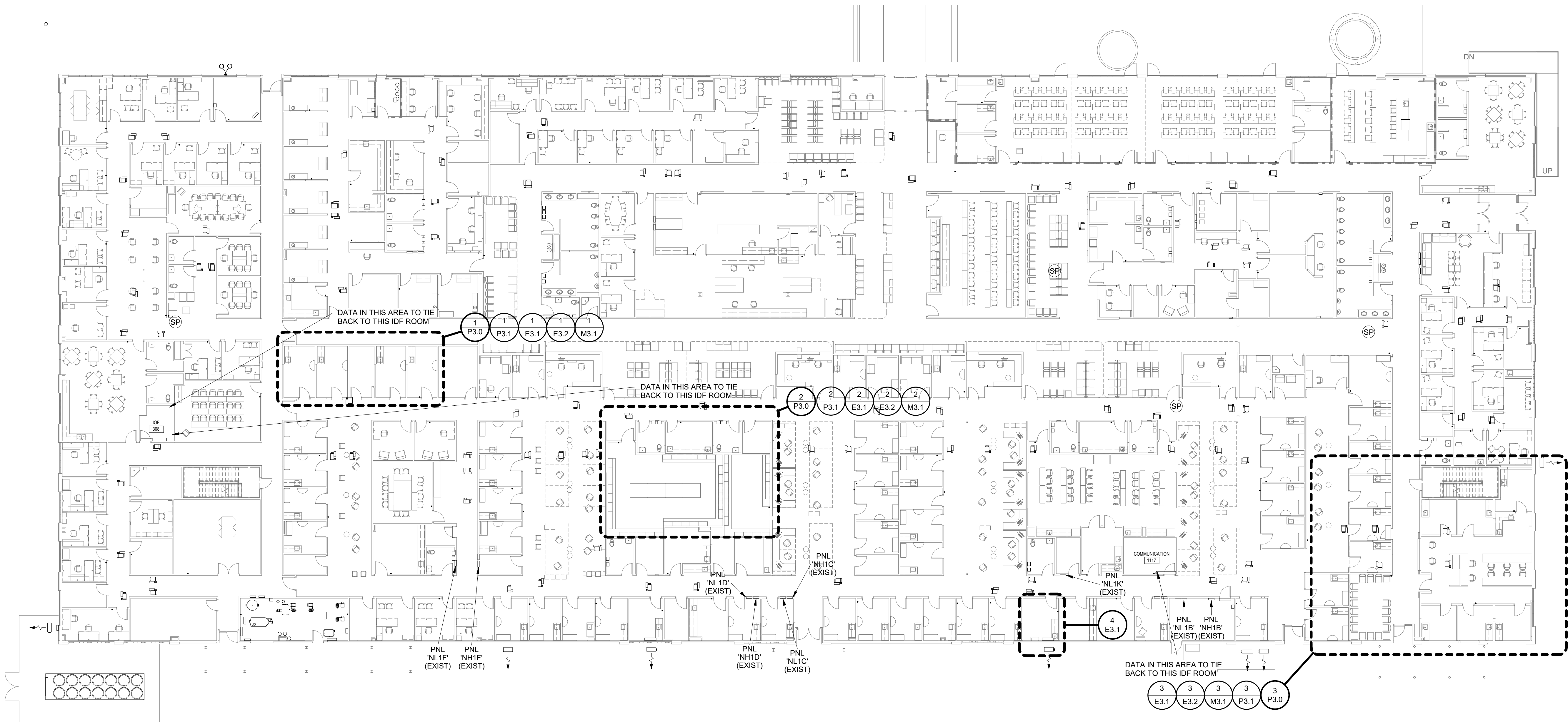


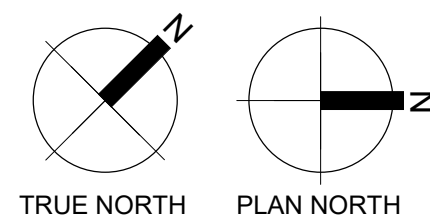
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1 PME COMPOSITE DEMOLITION PLAN
SCALE: 1/16" = 1'-0"

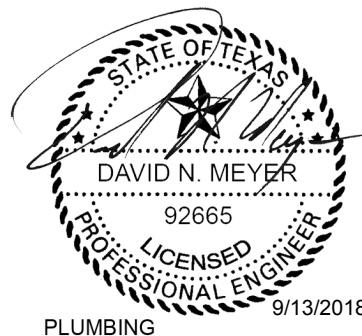


2 PME COMPOSITE PLAN
SCALE: 1/16" = 1'-0"



O'CONNELLROBERTSON
Austin 811 Barton Springs Road, Suite 600 Austin, Texas 78704 P: 512.428.7386 F: 512.428.7443
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CENTRAL HEALTH
SE HEALTH & WELLNESS CENTER RENOVATIONS
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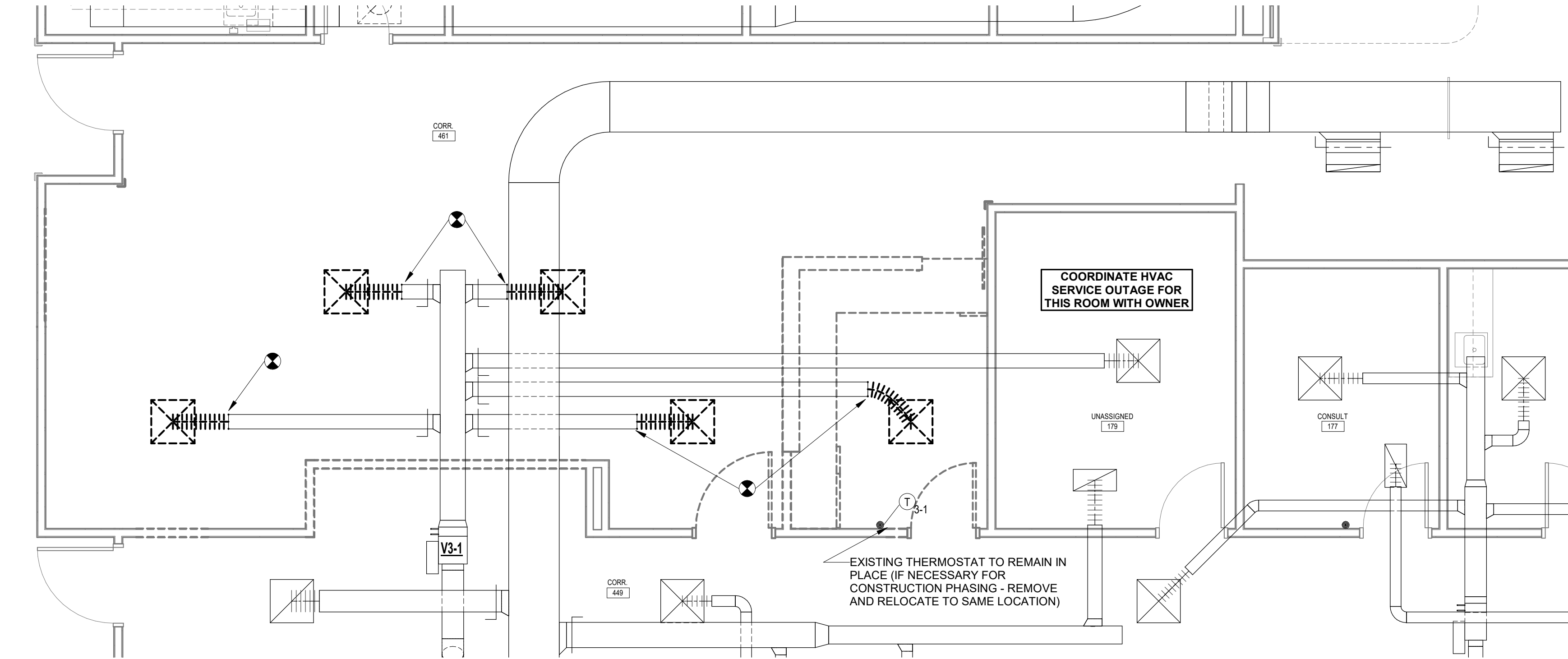
Engineering Firm:
O'CONNELL ROBERTSON
Firm Registration No. F-2708
Revisions:
NO. DESCRIPTION DATE

08/31/18
Project No. 1826.01
CONTRACT DOCUMENTS

PME OVERALL PLANS

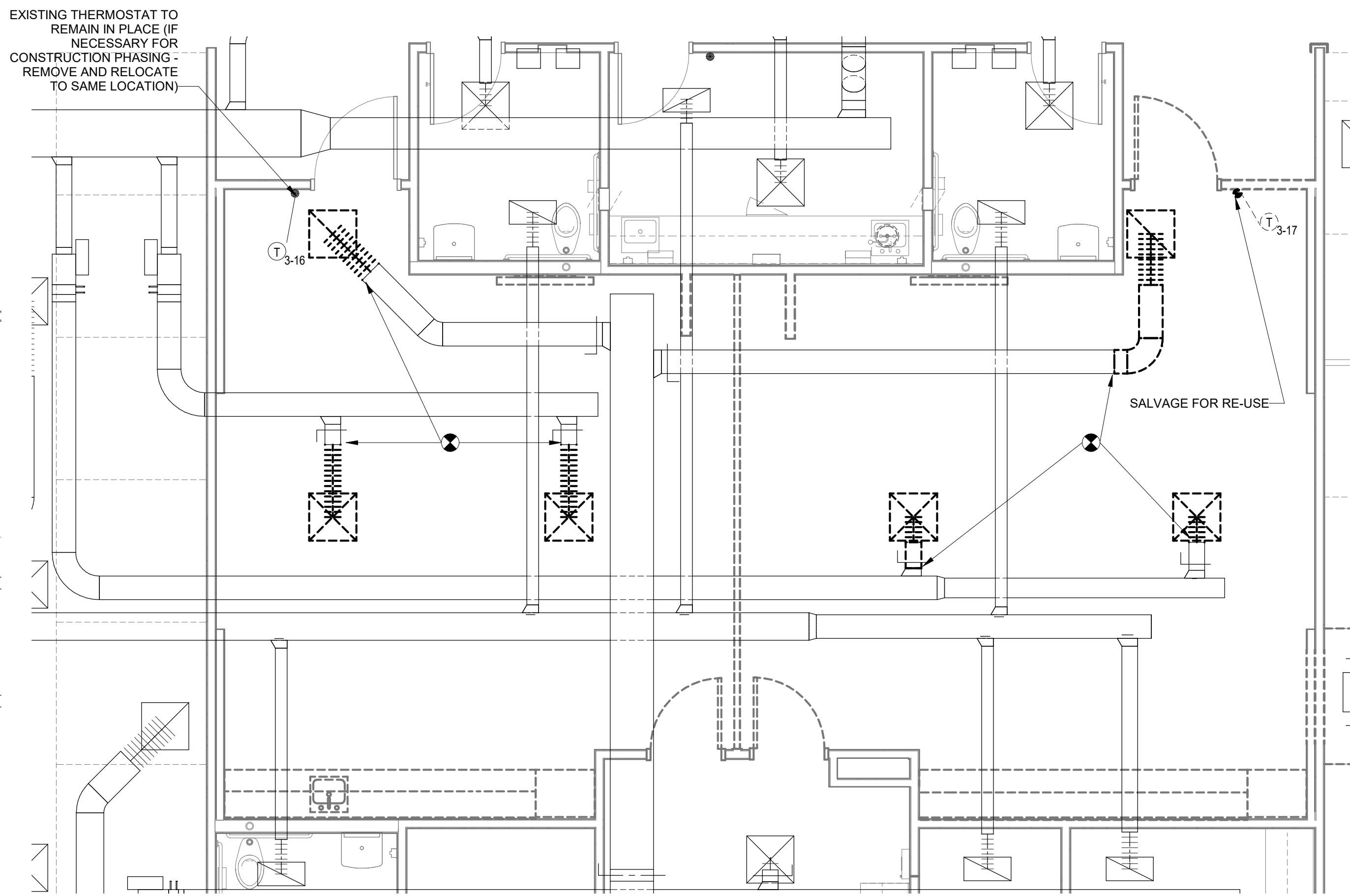
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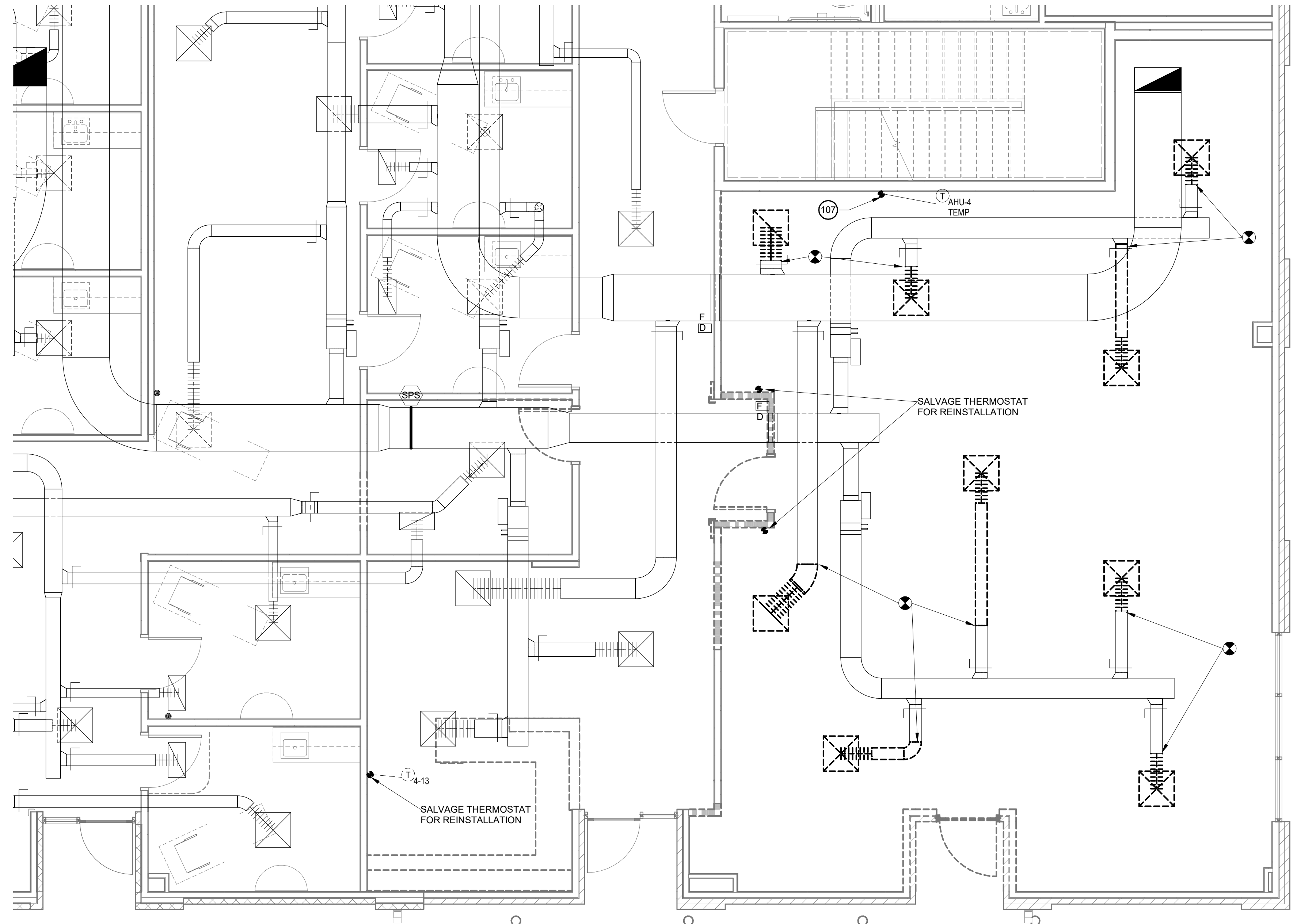


1 DUCTWORK DEMOLITION PLAN - BLACKSTOCK CLINIC
SCALE: 1/4" = 1'-0"

SALVAGE ALL DEMOLISHED
AIR DEVICES FOR RE-USE



2 DUCTWORK DEMOLITION PLAN - GROUP VISIT ROOMS
SCALE: 1/4" = 1'-0"



3 DUCTWORK DEMOLITION PLAN - CONVENIENT CARE CLINIC
SCALE: 1/4" = 1'-0"

GENERAL NOTES

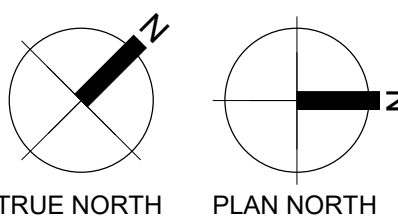
1. REFER TO SHEET M1.1 FOR GENERAL MECHANICAL NOTES THAT SHALL APPLY TO ALL SHEETS IN THIS SET UNLESS NOTED OTHERWISE IN THE KEYED NOTES.
2. ALL EXISTING DUCTWORK, PIPING SIZES & LOCATIONS ARE TAKEN FROM BEST AVAILABLE RECORD DOCUMENTS & SITE OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.

KEYNOTE LEGEND

- 107 COORDINATE WITH ENGINEER TO VERIFY PURPOSE OF EXISTING THERMOSTAT IN BMS PRIOR TO REMOVAL.

LEGEND

- TO BE REMOVED
--- EXISTING TO REMAIN



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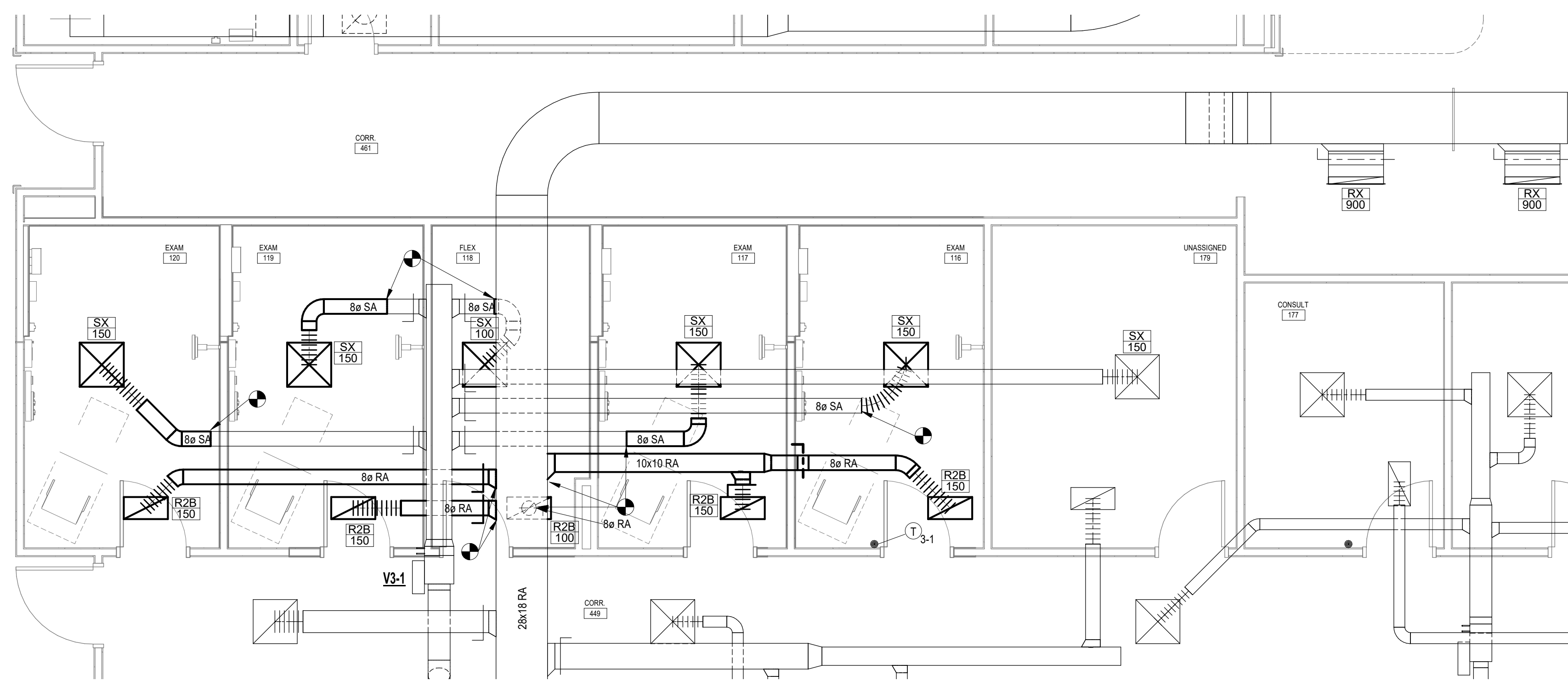


Engineering Firm:
O'CONNELL ROBERTSON
Firm Registration No. F-2708
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NO. DESCRIPTION DATE

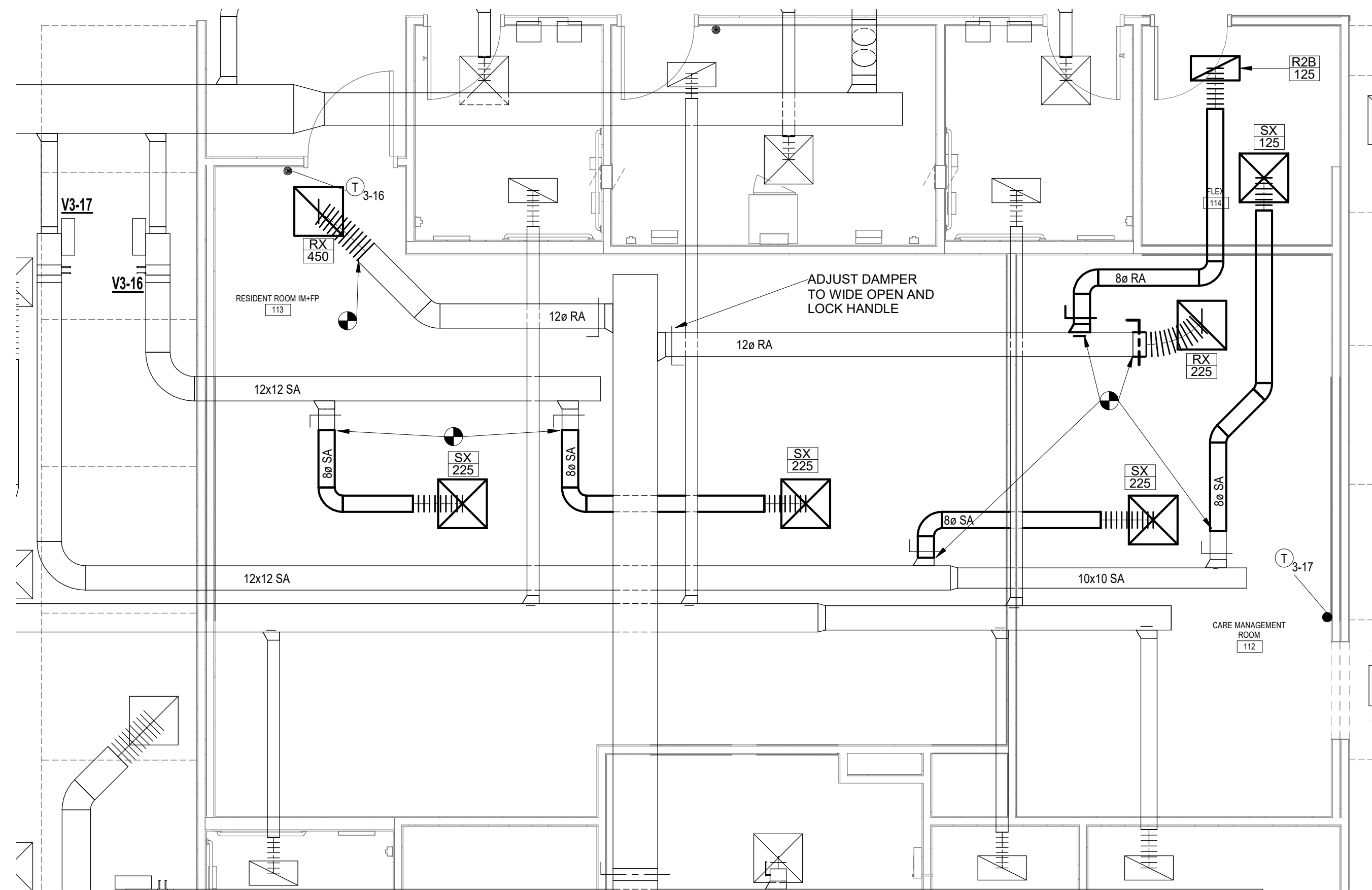
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Project No. 1826.01
CONTRACT DOCUMENTS

MECHANICAL
DUCTWORK DEMOLITION
PLANS

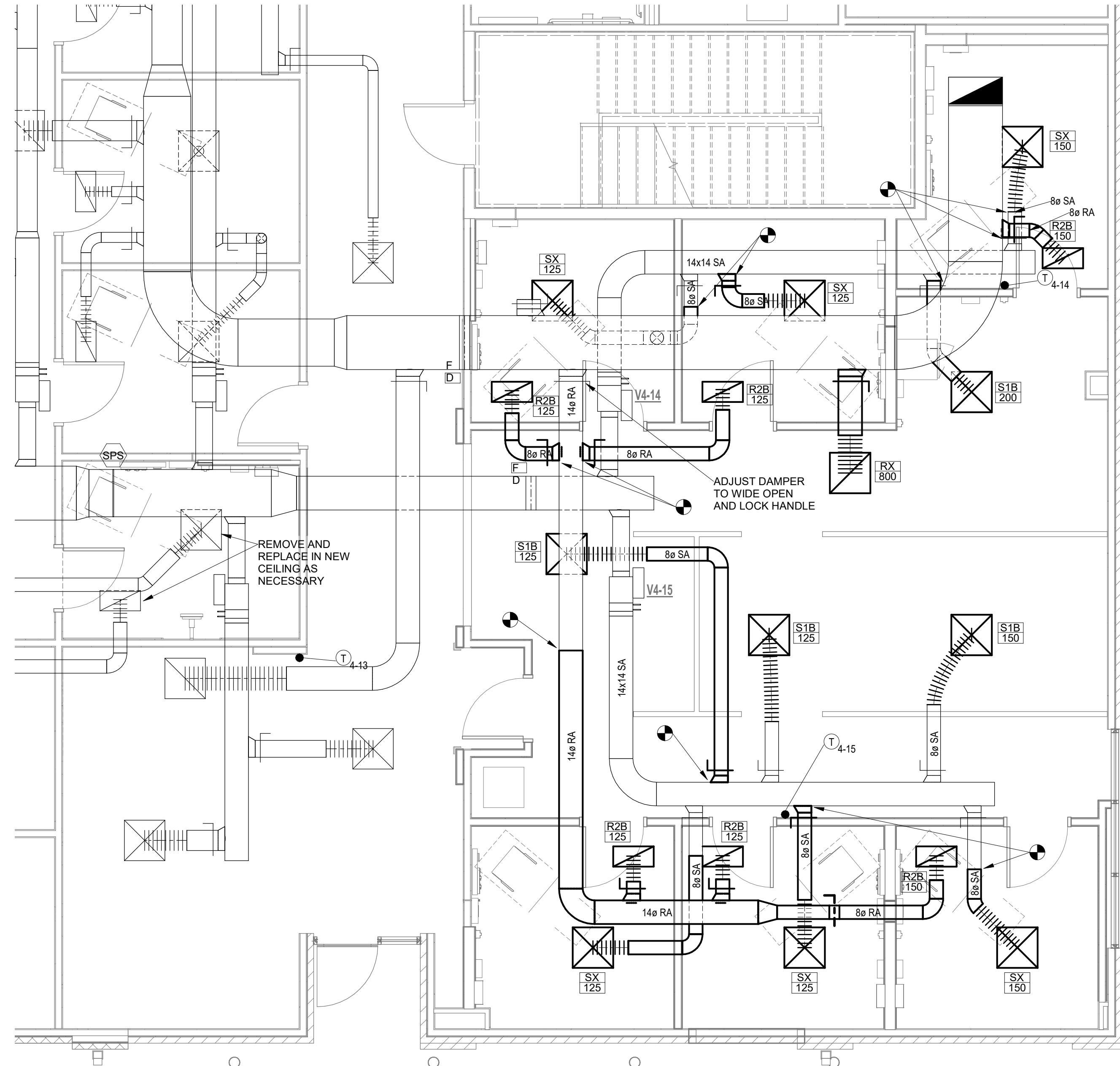
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1 DUCTWORK PLAN - BLACKSTOCK CLINIC



2 DUCTWORK PLAN - GROUP VISIT ROOMS



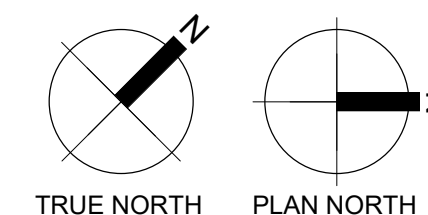
3 DUCTWORK PLAN - CONVENIENT CARE CLINIC

GENERAL NOTES

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LEGEND

EXISTING TO REMAIN
NEW WORK



POWER		MOUNT ALL RECEPTACLES AT 16" A.F.F. U.N.O.
	SINGLE RECEPTACLE	
	DUPLEX RECEPTACLE	
	FOURPLEX (QUADPLEX) RECEPTACLE	
	CEILING DUPLEX RECEPTACLE	
	POWER RECEPTACLE W/NEMA CONFIGURATION AS INDICATED	
	DUPLEX RECEPTACLE WITH INTEGRAL "GFCI" PROTECTION	
	SPLIT-WIRED RECEPTACLE	
	GFCI RECEPTACLE FOR ELECTRIC DRINKING FOUNTAIN. MOUNT PER MANUFACTURER'S INSTRUCTIONS.	
	ISOLATED GROUND DUPLEX RECEPTACLE	
	MINUS SIGN INDICATES SPECIAL MOUNTING. CENTER RECEPTACLE IN KNEE SPACE AT 24" A.F.F.	
	PLUS SIGN INDICATES SPECIAL MOUNTING HEIGHT. UNLESS SHOWN OTHERWISE ON ARCHITECTURAL ELEVATIONS, OR U.N.O., INSTALL HORIZONTALLY WITH BOTTOM OF PLATE 2" ABOVE BACKSPLASH OR 6" ABOVE COUNTER TOP IF NO BACKSPLASH.	
	CORD DROP ASSEMBLY	
	POWER POLE. RECEPTACLE TYPES NOTED ON PLAN.	
	FLOOR BOX. SIZE & RECEPTACLE TYPES NOTED ON PLAN.	
	ACCESS FLOOR BOX	
	MULTI-OUTLET ASSEMBLY. SIZE, RECEPTACLE TYPES & MTG. HT. NOTED ON PLAN.	
	JUNCTION BOXES (CEILING/WALL/FLOOR)	
	EQUIPMENT OR MOTOR CONNECTION. FURNISH AND INSTALL ALL MATERIALS REQUIRED TO CONNECT PER MANUFACTURER'S REQUIREMENTS (INCLUDES FLEX CONNECTION, DISCONNECT SWITCH, RELAY, OR RECEPTACLE, IF REQUIRED). SUFFIX DENOTES TYPE OF EQUIPMENT: DDC = DIRECT DIGITAL CONTROLS, SEC = SECURITY CONTROLS, ETC.	
	MOTOR (HORSEPOWER NOTED)	
	PUSH BUTTON	
	MOTOR-RATED SWITCH	
	ENCLOSED CIRCUIT BREAKER (SURFACE/FLUSH)	
	DISCONNECT SWITCH (3 POLE/ 30 AMP / NEMA 1)	
	FUSED DISCONNECT SWITCH (3 POLE/ 30 AMP / 20 AMP FUSES/ NEMA 1)	
	COMBINATION STARTER - (3 POLE/ 30 AMP/ SIZED 2/ NEMA 1)	
	MOTOR STARTER (NEMA SIZE NOTED)	
	VARIABLE SPEED DRIVE (HANDLE INDICATES INTERNAL DISCONNECT FURNISHED)	
	PANELBOARD W/DESIGNATION (FLUSH-MOUNTED, SURFACE-MOUNTED)	
	EQUIPMENT NUMBER	

CLOCK, BELL & MISC. SIGNALS		NOT ALL SYMBOLS WILL APPEAR ON THE DRAWINGS
	MASTER CLOCK PANEL	
	SECONDARY CLOCK, WALL, SINGLE FACE	
	SECONDARY CLOCK, CEILING, DOUBLE FACE	

AUDIO / VISUAL		NOT ALL SYMBOLS WILL APPEAR ON THE DRAWINGS
	CEILING SPEAKER (WIRING ZONE INDICATED)	
	VOLUME CONTROL. 48" A.F.F. U.N.O.	
	SYSTEM MICROPHONE AND OUTLET	
	PUBLIC ADDRESS SYSTEM EQUIPMENT CABINET	
	INTERCOM STATION, 48" A.F.F. U.N.O.	

FIRE ALARM		VISUAL ALARMS SHALL BE INSTALLED 80" A.F.F. OR 6" BELOW CEILING, WHICHEVER IS LOWER
	FIRE ALARM CONTROL PANEL	
	FIRE ALARM ANNUNCIATOR PANEL	
	FIRE ALARM TERMINAL CABINET	
	FIRE ALARM REMOTE POWER SUPPLY FOR NOTIFICATION CIRCUITS	
	AUDIO VISUAL ALARM DEVICE (SUBSCRIPT, IF USED, INDICATES C4)	
	VISUAL ALARM DEVICE (SUBSCRIPT, IF USED, INDICATES C4)	
	AUDIBLE ALARM DEVICE	
	MANUAL PULL STATION - 48" A.F.F.	
	HEAT DETECTOR - CEILING MTD. (SUBSCRIPT, IF USED, INDICATES TEMPERATURE)	
	SMOKE DETECTOR - CEILING MTD. SUBSCRIPT 'ER' WHERE USED INDICATES FOR ELEVATOR RECALL.	
	BEAM SMOKE DETECTOR RECEIVER - CEILING MOUNTED.	
	BEAM SMOKE DETECTOR TRANSMITTER.	
	DUCT-MOUNTED SMOKE DETECTOR (R = RETURN AIR, S = SUPPLY AIR, O = OUTSIDE AIR)	
	FIRE SMOKE DAMPER RELEASE	
	SMOKE DAMPER RELEASE	
	SUPERVISED RELAY WITH CONNECTION TO FIRE SUPPRESSION SYSTEM RELEASE DEVICE	
	SPRINKLER VALVE TAMPER SWITCH	
	SPRINKLER WATER FLOW SWITCH	
	SPRINKLER SYSTEM PRESSURE SWITCH	
	REMOTE TEST & MONITORING STATION FOR DUCT SMOKE DETECTOR	
	FIRE SPRINKLER WATER FLOW ALARM BELL (FURNISHED BY DIV 28)	
	MAGNETIC DOOR HOLD OPEN DEVICE	
	MONITORING MODULE FOR KITCHEN HOOD FIRE SUPPRESSION SYSTEM	
	SUPERVISED RELAY WITH CONNECTION TO ROLLING SHUTTER RELEASE	
	SUPERVISED RELAY WITH CONNECTION TO DOOR LOCK RELEASE DEVICE	
	ADDRESSABLE INPUT MODULE	
	ADDRESSABLE OUTPUT MODULE	
	ADDRESSABLE ZONE MODULE	

SECURITY/ACCESS		NOT ALL SYMBOLS WILL APPEAR ON THE DRAWINGS
	DOOR ACCESS KEYPAD - 48" A.F.F. U.N.O.	
	DOOR ACCESS CARD READER - 48" A.F.F. U.N.O.	
	KEY SWITCH	
	MOTION DETECTOR	
	MAGNETIC LOCK	
	ELECTRIC STRIKE	
	ELECTRIC LATCH RETRACTION SOLENOID	
	EMERGENCY RELEASE PULL STATION	
	DOOR STATUS SWITCH	
	HINGED POWER TRANSFER DEVICE	
	SECURITY CONTROLLER EQUIPMENT CABINET	
	ELECTRIC LOCKING SOLENOID	
	REQUEST TO EXIT SWITCH	
	SECURITY CAMERA	

GENERAL ABBREVIATIONS		OTHER ABBREVIATIONS MAY BE USED. NOTIFY ENGINEER IF CLARIFICATIONS ARE REQUIRED.	
ABV	ABOVE	GEC	GROUNDING ELECTRODE CONDUCTOR
AFF	ABOVE FINISH FLOOR	GFI	GROUND FAULT CIRCUIT INTERRUPTER
AFG	ABOVE FINAL GRADE	IG	ISOLATED GROUND
AHJ	AUTHORITY HAVING JURISDICTION	MTG. HT.	MOUNTING HEIGHT
AL	ALUMINUM	N	GROUNDING CIRCUIT CONDUCTOR (NEUTRAL)
ATS	AUTOMATIC TRANSFER SWITCH	N1.N3R.N...	NEMA 1, NEMA 3R, NEMA RATING (AS NOTED)
BLW	BELOW	NL	NIGHT LIGHT
C	CONDUIT	NTS	NOT TO SCALE
CB	CIRCUIT BREAKER	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
CKT	CIRCUIT	OFOI	OWNER FURNISHED, OWNER INSTALLED
CLG	CEILING	PB	PULL BOX
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	PH.W	PHASE, WIRE
CT	CURRENT TRANSFORMER	RCPT	RECEPTACLE
CU	COPPER	SC	SPLIT CIRCUIT
(E)	EXISTING	SDE	SERVICE DISTRIBUTION ENCLOSURE
EC	EMPTY CONDUIT	SPD	SURGE PROTECTIVE DEVICE
EDF	ELECTRIC DRINKING FOUNTAIN	ST	SHUNT TRIP
EM	EMERGENCY	TR	TAMPER RESISTANT
EOH	ELECTRICAL OPERATED, MECHANICALLY HELD	U.N.O.	UNLESS NOTED OTHERWISE
ER	EXISTING RELOCATED	UG	UNDERGROUND
EXR	EXISTING TO REMAIN	VFD	VARIABLE FREQUENCY DRIVE
F/A	FIRE ALARM	WR	WEATHER-RESISTANT
G	GROUND	XFMR	TRANSFORMER

LIGHTING		MOUNT ALL SWITCHES & OCCUPANCY SENSORS AT 48" A.F.F. U.N.O.
A1 B	CEILING LIGHT FIXTURE. LOWER CASE SUBSCRIPT INDICATES SWITCH SERVING FIXTURE OR SUBSCRIPT 'NL' INDICATES NON-SWITCHED NIGHT LIGHT.	
	CEILING-MOUNTED FIXTURE (ARROW INDICATES WALL WASHER OR SPOT AIMING DIRECTION).	
	INDUSTRIAL STRIP FIXTURE	
	ENCLOSED LINEAR LIGHT	
	WALL-MOUNTED FIXTURE	
	BATTERY POWERED EMERGENCY LIGHT	
	EXIT LIGHT FIXTURES (CEILING, WALL). SHADING INDICATES ILLUMINATED FACE(S). ARROWS INDICATE CHEVRONS.	
	SIDE-MOUNTED SITE LIGHTING FIXTURE AND POLE	
	TOP-MOUNTED SITE LIGHTING FIXTURE AND POLE	
	LIGHTED BOLLARD	
	DENOTES CIRCUIT NO. FOR ALL LIGHTS IN ROOM/AREA	
	SINGLE-POLE SWITCH, LINE-VOLTAGE	
	THREE-WAY SWITCH	
	FOUR-WAY SWITCH	
	DIMMER SWITCH	
	OCCUPANCY SENSOR SWITCH	
	SWITCH WITH PILOT LIGHT (WHEN ON)	
	VACANCY/MANUAL-ON SWITCH	
	LOW-VOLTAGE SWITCH. SUBSCRIPT, IF USED, INDICATES NUMBER OF ZONES OR SUBSCRIPT 'D' INDICATES DIMMER SWITCH.	
	OCCUPANCY SENSOR (WALL, CEILING)	
	VACANCY/ MANUAL-ON SENSOR (WALL, CEILING).	
	DAY/ AMBIENT LIGHT SENSOR	
	LOW VOLTAGE LIGHTING RELAY	
	LIGHT CONTROL, PHOTO CELL	
	TIME CLOCK, NUMBER INDICATES NAMING CONVENTION	
	LIGHTING CONTACTOR, NUMBER INDICATES NAMING CONVENTION	

INFORMATION TECHNOLOGY - (IT)		NOT ALL SYMBOLS WILL APPEAR ON THE DRAWINGS
	DATA OUTLET AT 16" A.F.F. U.N.O. - PROVIDE TWO OUTLETS U.N.O. (E.G. "4D" FOR FOUR OUTLETS); PROVIDE ONE CAT6 DATA PER OUTLET BACK TO EXISTING IDF.	
	TELEPHONE OUTLET AT 16" A.F.F. U.N.O.	
	DATA/ COMM OUTLET AT 16" A.F.F. U.N.O. SUBSCRIPT, IF USED, INDICATES QUANTITY AND TYPE OF CABLING TERMINATIONS	
	DATA/ COMM OUTLET FLUSH WITH CEILING TILE. SUBSCRIPT, IF USED, INDICATES QUANTITY AND TYPE OF CABLING TERMINATIONS	
	CAT6 DATA LOCATED ADJACENT TO POWER OUTLET FOR TELEVISION	
	PROJECTOR CEILING DATA OUTLET CO-LOCATED WITH CEILING POWER OUTLET	

CIRCUITING		NOT ALL SYMBOLS WILL APPEAR ON THE DRAWINGS
	CIRCUIT CONCEALED IN CEILING OR WALL	
	SWITCHED LIGHTING	
	CIRCUIT UNDER SLAB OR UNDER GROUND	
	CIRCUIT HOMERUN	
	J-HOOK PATHWAY FOR CABLING WITH J-HOOKS AT 4" O.C. MAXIMUM	
	APPROXIMATE CABLE TRAY ROUTING - COORDINATE ACTUAL LOCATIONS WITH OBSTRUCTIONS	

EMERGENCY POWER SYSTEMS		NOT ALL SYMBOLS WILL APPEAR ON THE DRAWINGS
	FUEL SYSTEM ALARM PANEL	
	EMERGENCY GENERATOR ANNUNCIATOR	
	EMERGENCY GENERATOR STOP STATION	
	SWITCHED OPTIONAL STANDBY FIXTURES.	
	SWITCHED EMERGENCY FIXTURE (ON CRITICAL BRANCH IN HEALTH CARE OCCUPANCIES, U.N.O.)	
	NON-SWITCHED EMERGENCY FIXTURE (ON LIFE SAFETY BRANCH IN HEALTH CARE OCCUPANCIES, U.N.O.)	
	RECEPTACLE(S) ON EMERGENCY CIRCUIT W/ (ON CRITICAL BRANCH IN HEALTH CARE OCCUPANCIES). RED DEVICE, RED WALL PLATE.	
	JUNCTION BOX/EQUIPMENT CONNECTION ON EMERGENCY SYSTEM	

ELECTRICAL GENERAL REQUIREMENTS & RESTRICTIONS	
1.	NO WIRING SHALL BE INSTALLED IN STAIRWELLS, EXIT PASSAGEWAYS, HOISTWAYS OR ELEVATOR MACHINE ROOMS EXCEPT THAT EXCLUSIVELY USED TO SERVE THOSE AREAS.
2.	ALL PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE FIRE-STOPPED USING METHODS & MATERIALS COMPLYING WITH THE SPECIFICATIONS FOR THIS PROJECT.
3.	LIGHT SWITCHES AND RECEPTACLES FROM EMERGENCY POWER SYSTEMS AND NORMAL POWER SYSTEMS SHALL NOT BE COMBINED IN THE SAME BOXES OR RACEWAY SYSTEMS.
4.	ALL CIRCUITS TO ROOF MOUNTED EQUIPMENT SHALL BE INSTALLED ABOVE CEILING THEN UP THROUGH ROOF CURBS UNLESS NOTED OTHERWISE. NO CONDUITS SHALL BE RUN ON, ACROSS OR ABOVE ROOF. EXCEPTING FINAL CONNECTIONS TO EQUIPMENT NOT EXCEEDING 3 FEET MAXIMUM IN LENGTH.
5.	WHERE POSSIBLE AVOID BACK-TO-BACK INSTALLATION OF OUTLETS. DO NOT USE THROUGH THE WALL BOXES WHERE BACK-TO-BACK CONDITIONS CANNOT BE AVOIDED.

ELECTRICAL CIRCUITING	
1.	UNLESS OTHERWISE INDICATED, ALL BRANCH CIRCUIT WIRING SHALL BE A MINIMUM OF 3/4" CONDUIT CONTAINING 2#12 CONDUCTORS AND 1#12 GROUNDING CONDUCTOR.
2.	WHERE HOME RUN LENGTH ON 20A SINGLE PHASE CIRCUITS EXCEEDS 75' ON 120 VOLT CIRCUITS OR 150' ON 277 VOLT CIRCUITS, THE CONDUCTOR SIZES IN HOME RUNS SHALL BE INCREASED TO #10 MINIMUM FROM SERVING PANEL TO FIRST OUTLET.
3.	20A SINGLE PHASE CIRCUITS MAY BE COMBINED IN COMMON RACEWAYS AS ALLOWED BY THE NEC. COMMON NEUTRAL CONDUCTORS SHALL NOT BE USED.
4.	NEC CODE SIZED EQUIPMENT GROUNDING CONDUCTORS SHALL BE PROVIDED IN ALL BRANCH CIRCUITS & FEEDERS.
5.	DEDICATED HOME RUNS SHALL BE PROVIDED FROM OUTLET TO PANEL WHERE SINGLE OUTLET CIRCUITS ARE SHOWN. DO NOT COMBINE WITH WIRING FOR OTHER OUTLETS.
6.	SEE INDIVIDUAL FLOOR PLANS FOR SERVING PANELBOARD INFORMATION. CIRCUIT ALL OUTLETS WITH SAME NUMBERS ON SAME CIRCUIT.
7.	LIGHT SWITCHES SHOWN IN A ROOM CONTROL ALL LIGHTS IN THAT ROOM, UNLESS NOTED OTHERWISE. SWITCHLEGS FOR LIGHTING OR OTHER NON-LIGHTING EQUIPMENT ARE SHOWN ONLY WHERE REQUIRED TO INDICATE THE INTENDED CONTROL. SWITCHING MAY ALSO BE INDICATED BY THE USE OF LOWER CASE LETTERS ADJACENT TO CORRESPONDING SWITCHES & FIXTURES.

COORDINATION WITH OTHER WORK	
1.	WHERE HEIGHTS OF ELECTRICAL OUTLETS ARE SHOWN ON DRAWINGS, THEY ARE GIVEN AS AN AID TO THE CONTRACTOR IN BIDDING & TO INDICATE GENERAL POSITION. COORDINATE FINAL EXACT LOCATION OF ALL DEVICES AND EQUIPMENT WITH ARCHITECTURAL & MECHANICAL PLANS, ELEVATIONS & CONSTRUCTION DETAILS.
2.	WHEN OUTLET LOCATIONS ARE SPECIFICALLY INDICATED ON ARCHITECTURAL ELEVATIONS, THE OUTLETS SHALL BE INSTALLED AT THE LOCATION SHOWN.
3.	REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR COORDINATION OF CEILING SYSTEMS AND MECHANICAL- ELECTRICAL SYSTEM COMPONENTS.
4.	REVISE AND COORDINATE LOCATION OF ALL LIGHTING FIXTURES IN MECHANICAL ROOMS WITH PIPING, DUCTWORK AND EQUIPMENT BEFORE ROUGH IN. FIXTURES SHALL BE MOUNTED AS NOTED AND SPECIFIED. GENERALLY, ALL SUSPENDED FIXTURES SHALL BE MOUNTED 8" A.F.F. U.N.O. ARRANGE FIXTURES TO OBTAIN BEST USABLE LIGHTING COVERAGE.
5.	COORDINATE EXACT PLACEMENT OF ALL MOTOR CONTROLLERS AND DISCONNECTS WITH THE SPACE AVAILABLE AND WITH THE TRADE PROVIDING THE EQUIPMENT SERVED.

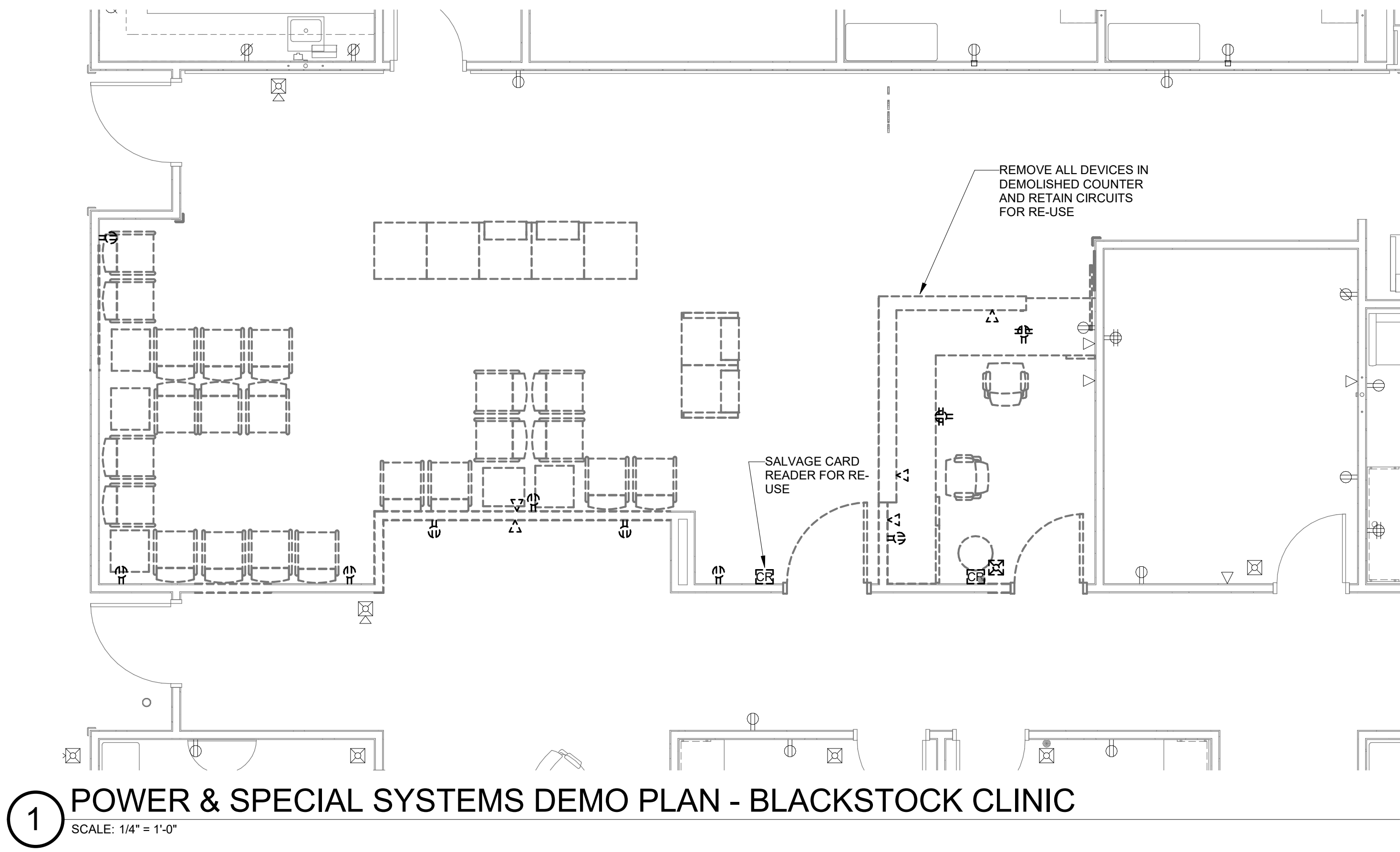
MISCELLANEOUS REQUIREMENTS	
1.	EACH LAY-IN GRID MOUNTED LIGHTING FIXTURE SHALL BE FED FROM JUNCTION BOXES MOUNTED TO THE STRUCTURE (EXCEPT AS NOTED) USING A MAXIMUM OF 6" OF 3/8" FLEXIBLE METALLIC CONDUIT, SUCH THAT ANY FIXTURE MAY BE RELOCATED INTO ANY ADJACENT CEILING TILE SPACE. FLEX OR CABLE SHALL NOT BE RUN DIRECTLY FROM FIXTURE TO FIXTURE.
2.	AT EACH FLUSH MOUNTED BRANCH CIRCUIT PANELBOARD, PROVIDE A MINIMUM OF THREE 1" EMPTY CONDUITS TO ABOVE CEILING OR OTHER ACCESSIBLE SPACE FOR FUTURE USE.

INFORMATION TECHNOLOGY REQUIREMENTS	
1.	FOR EACH DATA / COMM OUTLET, UNLESS OTHERWISE NOTED, PROVIDE 4-11/16" x 4-11/16" x 2-1/8" DEEP OUTLET BOX WITH SINGLE GANG RING. PROVIDE CONDUIT RUN FROM OUTLET PER NOTE BELOW.
2.	WHERE COMPLETE RACEWAY SYSTEMS ARE NOT SPECIFIED OR OTHERWISE REQUIRED, RUN CONDUIT FROM OUTLET TO ACCESSIBLE SPACE AS FOLLOWS. UNLESS OTHERWISE NOTED, RUN 1" CONDUIT TO ABOVE CEILING FOR ROOMS WITH LAY-IN CEILINGS OR RUN CONDUIT ACROSS CEILING AND INTO NEAREST CORRIDOR WITH ACCESSIBLE CEILING FOR ROOMS WITH NON-ACCESSIBLE CEILINGS. ALL CONDUIT STUBBED INTO ACCESSIBLE CEILINGS SHALL BE TERMINATED WITH A PLASTIC BUSHING.
3.	UNLESS NOTED OTHERWISE, ALL CABLES WHERE ALLOWED BY THE CONTRACT DOCUMENTS SHALL BE SUPPORTED ON A COMPLETE SYSTEM OF CATEGORY 6 COMPLIANT J-HOOKS OR IN CABLE RAY WHERE SHOWN SPACED AT 4'-0" ON CENTER MAXIMUM OR PER CABLE SUPPLIER RECOMMENDATIONS. ROUTE CABLE AND J-HOOK SYSTEMS PARALLEL TO BUILDING STRUCTURE. DIFFERENT SYSTEMS MAY USE COMMON J-HOOKS WHERE CAPACITY ALLOWS, BUT EACH SYSTEM SHALL BE SEPARATELY BUNDLED FROM OTHER SYSTEMS UTILIZING VELCRO TIE WRAPS IN A NEAT AND WORKMANLIKE MANNER. WHERE CABLES MUST PENETRATE FIRE RATED WALLS, PROVIDE FIRE STOPPED CONDUIT SLEEVES.

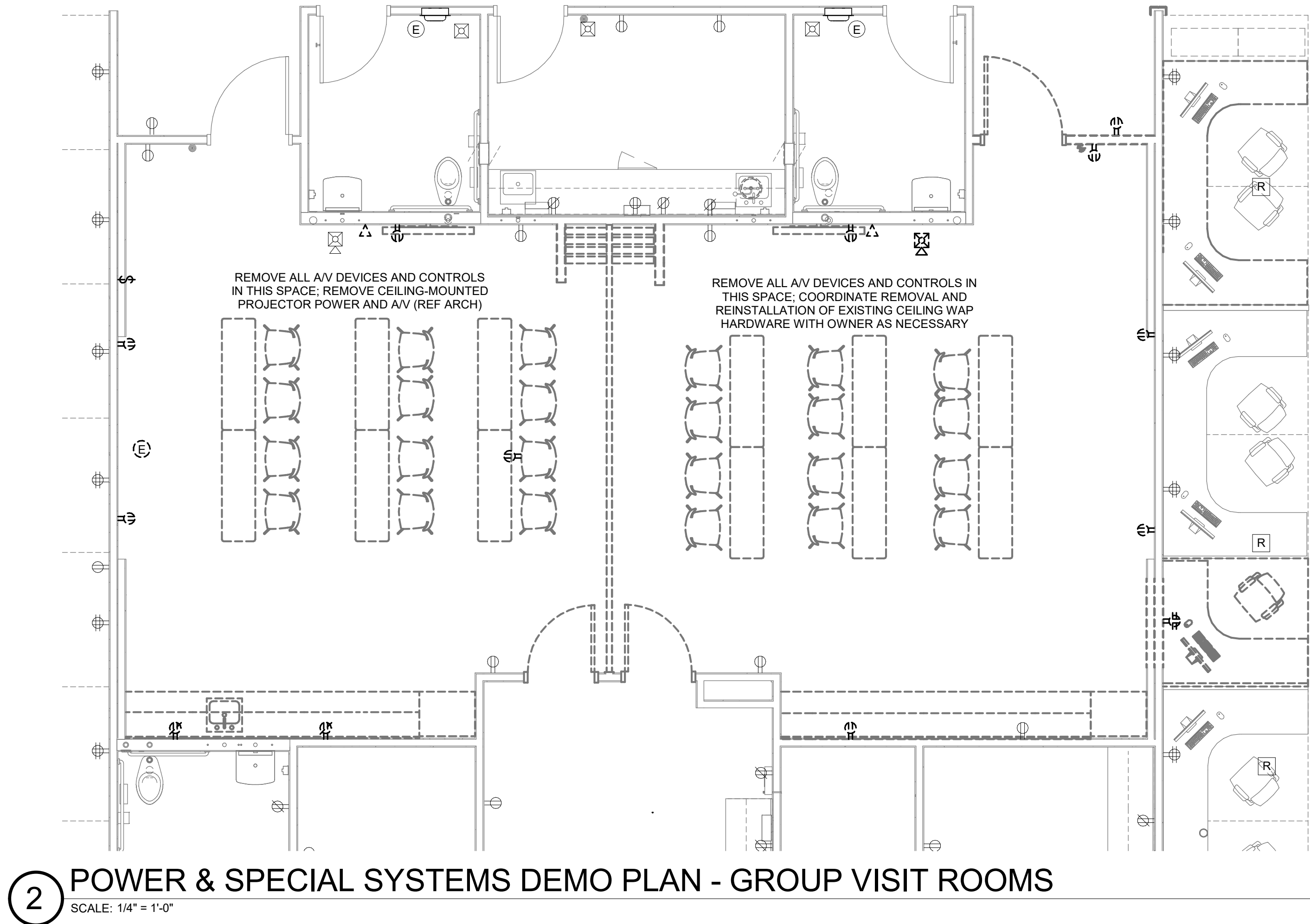
FIRE ALARM REQUIREMENTS	
1.	SEE MECHANICAL CONTROL LAYOUT/SEQUENCE FOR LOCATIONS AND QUANTITIES.
2.	WHERE A FIRE ALARM SYSTEM IS NOT PRESENT, THE DUCT DETECTOR SHALL BE INTEGRAL WITH THE MECHANICAL UNIT SERVED.
3.	FIRE SMOKE DAMPERS SHALL BE PROVIDED WITH A DUCT SMOKE DETECTOR AND FIRE ALARM RELAY.
4.	DUCT-MOUNTED SMOKE DETECTORS SHALL BE MOUNTED BY DIVISION 23, WIRED & PROGRAMMED BY DIVISION 28. CONNECT TO BUILDING FIRE ALARM CONTROL PANEL (FACP). PROGRAM TO INITIATE A SUPERVISORY SIGNAL AT THE FACP UPON DETECTION OF SMOKE AND TO SHUT DOWN AIR HANDLER. PROVIDE EXPANSION MODULES AS NECESSARY.



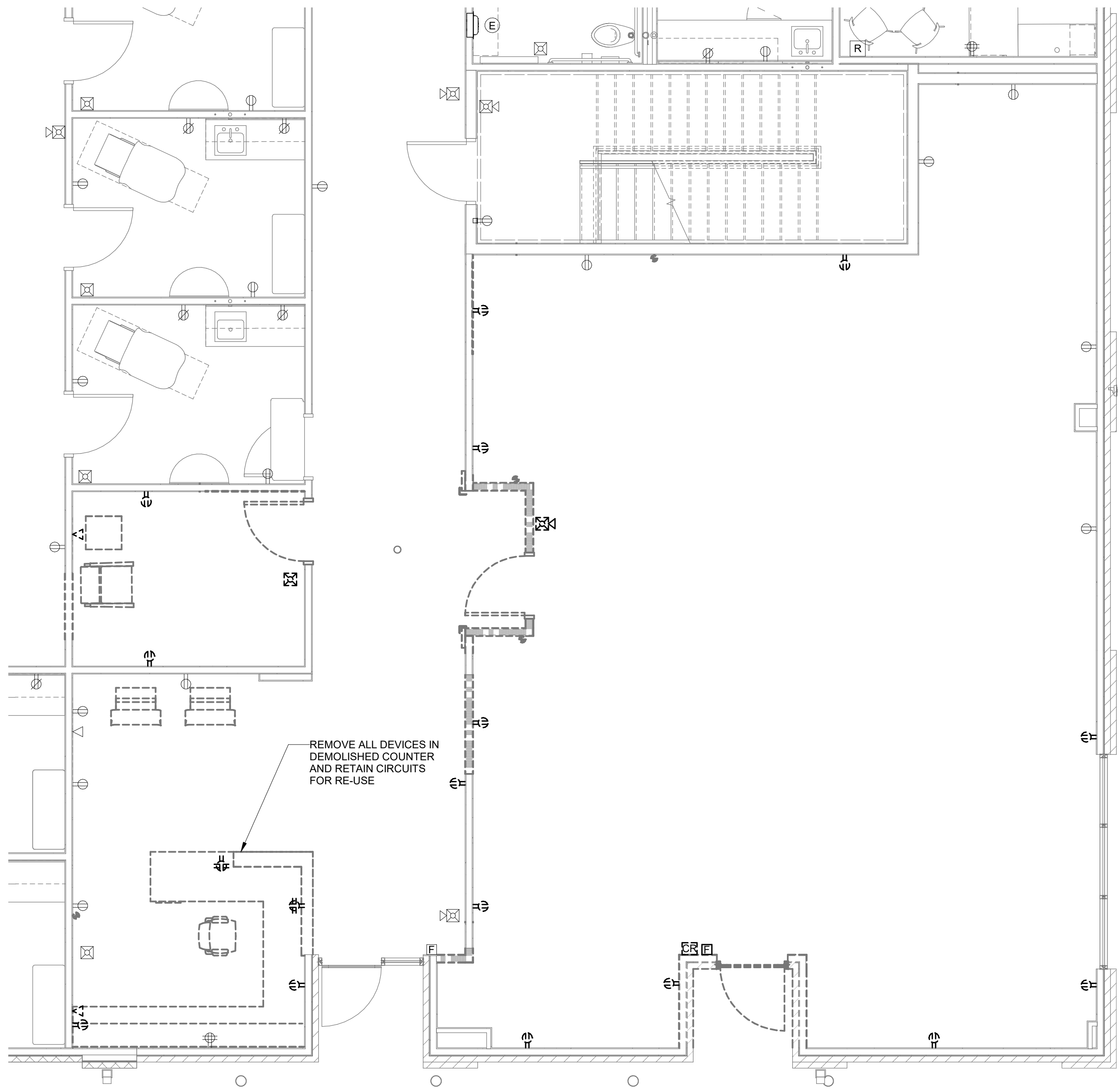
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1 POWER & SPECIAL SYSTEMS DEMO PLAN - BLACKSTOCK CLINIC
SCALE: 1/4" = 1'-0"

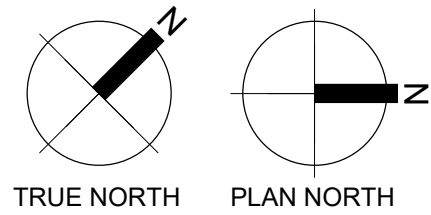


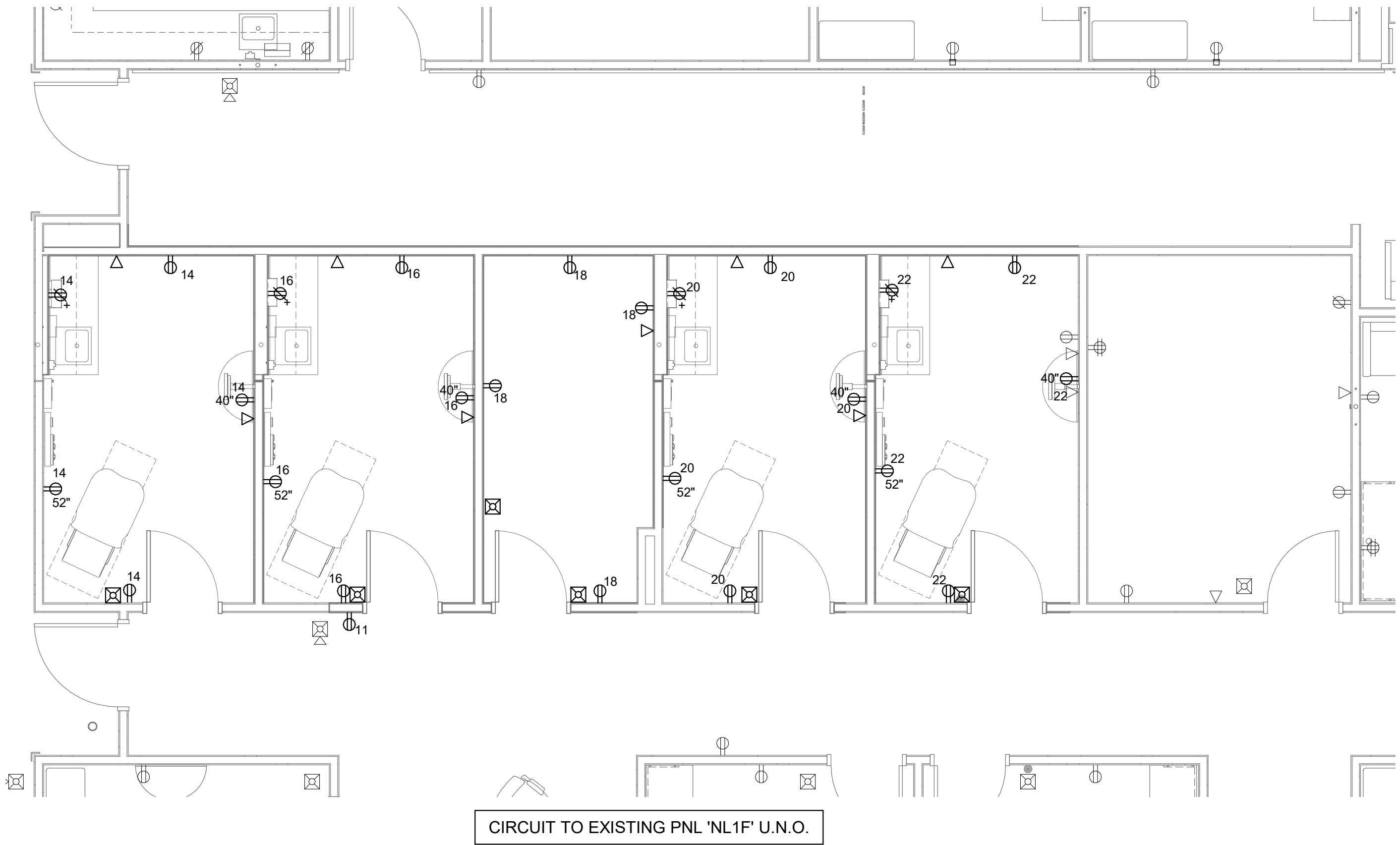
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SCALE: 1/4" = 1'-0"



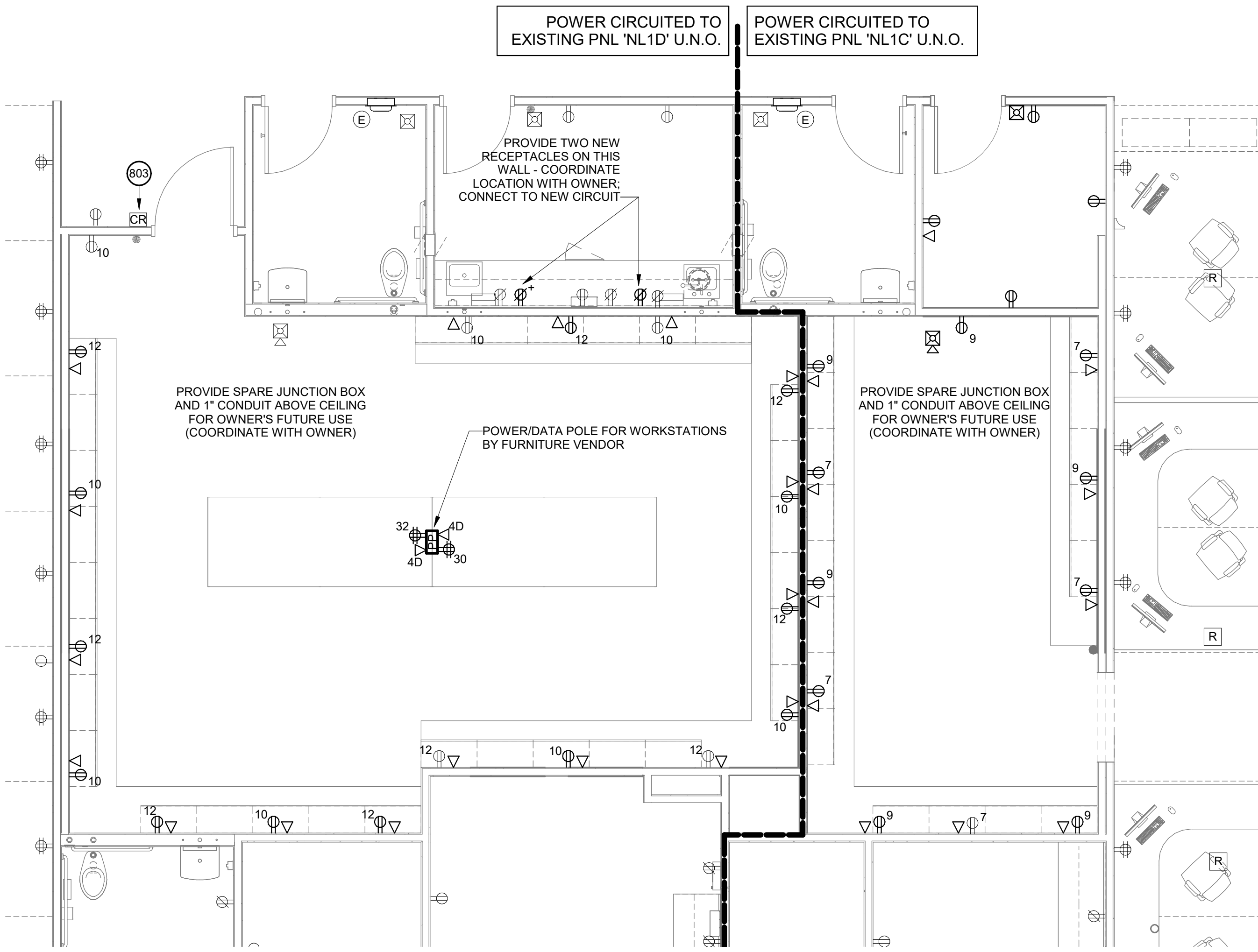
3 POWER & SPECIAL SYSTEMS DEMO PLAN - CONVENIENT CARE CLINIC
SCALE: 1/4" = 1'-0"

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1. REFER TO SHEET E1.1 FOR GENERAL ELECTRICAL NOTES THAT SHALL APPLY TO ALL SHEETS IN THIS SET UNLESS NOTED OTHERWISE IN THE KEYED NOTES.
 2. EXISTING ELECTRICAL WORK & LOCATIONS ARE TAKEN FROM AVAILABLE RECORD DOCUMENTS & SITE OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.





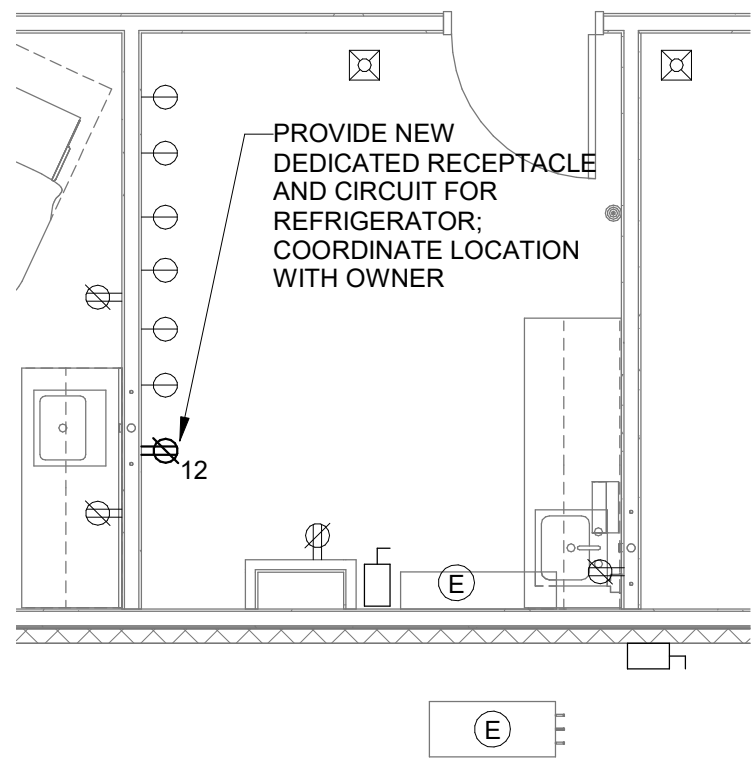
1 POWER & SPECIAL SYSTEMS PLANS - BLACKSTOCK CLINIC
SCALE: 1/4" = 1'-0"



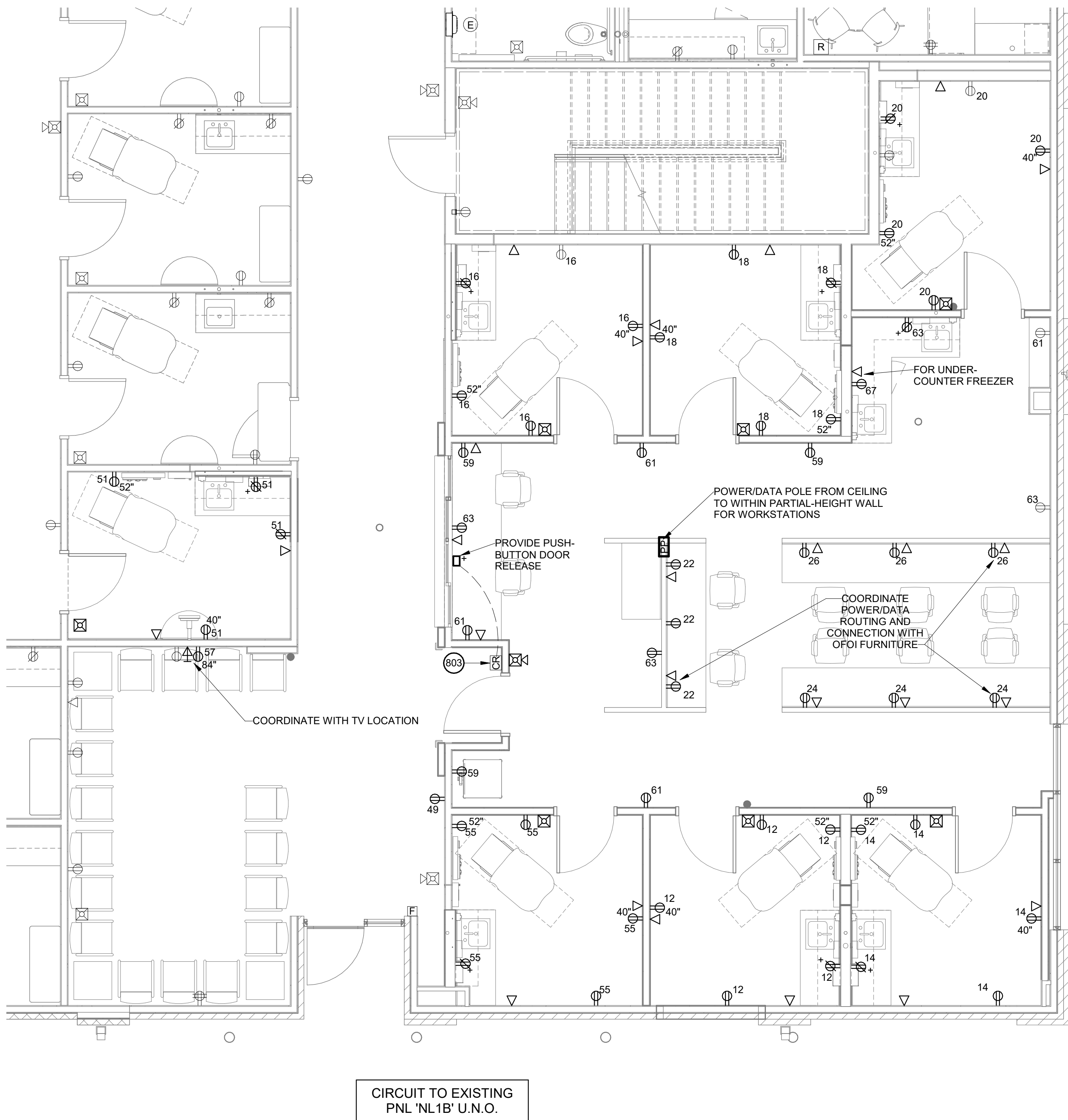
2 POWER & SPECIAL SYSTEMS PLANS - GROUP VISIT ROOMS
SCALE: 1/4" = 1'-0"

CIRCUIT NUMBERS SHOWN BASED ON RECORD DOCUMENTS - CONTRACTOR SHALL VERIFY CIRCUIT NUMBERS WITH EXISTING PANEL DIRECTORIES. USE SPARE BREAKER CIRCUITS WHERE AVAILABLE. PROVIDE NEW 20/1 BREAKERS AS NECESSARY.

ALL NEW RECEPTACLES SHALL BE TAMPER-RESISTANT PER NEC 2017 REQUIREMENTS.



4 POWER & SPECIAL SYSTEMS PLANS - IMMUNIZATION
SCALE: 1/4" = 1'-0"



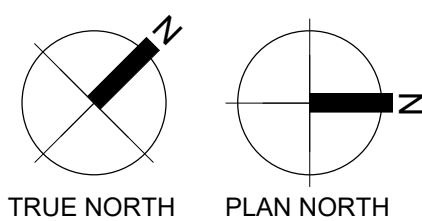
3 POWER & SPECIAL SYSTEMS PLANS - CONVENIENT CARE CLINIC
SCALE: 1/4" = 1'-0"

GENERAL NOTES

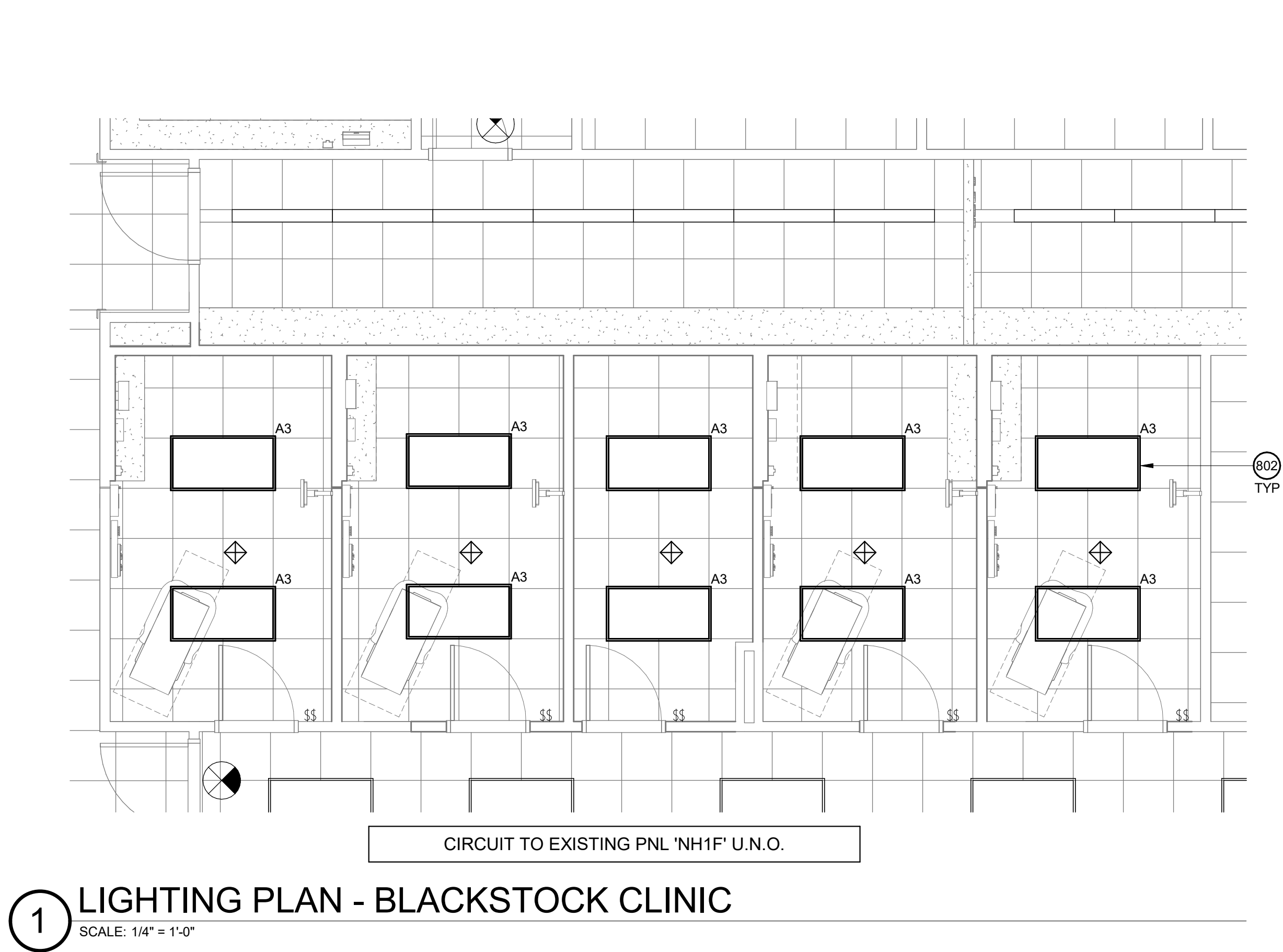
1. REFER TO SHEET E1.1 FOR GENERAL ELECTRICAL NOTES THAT SHALL APPLY TO ALL SHEETS IN THIS SET UNLESS NOTED OTHERWISE IN THE KEYED NOTES.
2. THIS SHEET GENERALLY DEPICTS EQUIPMENT AND DEVICES FOR FLOOR LEVEL TO APPROXIMATELY 48" AFF. SEE LIGHTING/CEILING SHEETS FOR ADDITIONAL DEVICES MOUNTED ABOVE THIS LEVEL.

KEYNOTE LEGEND

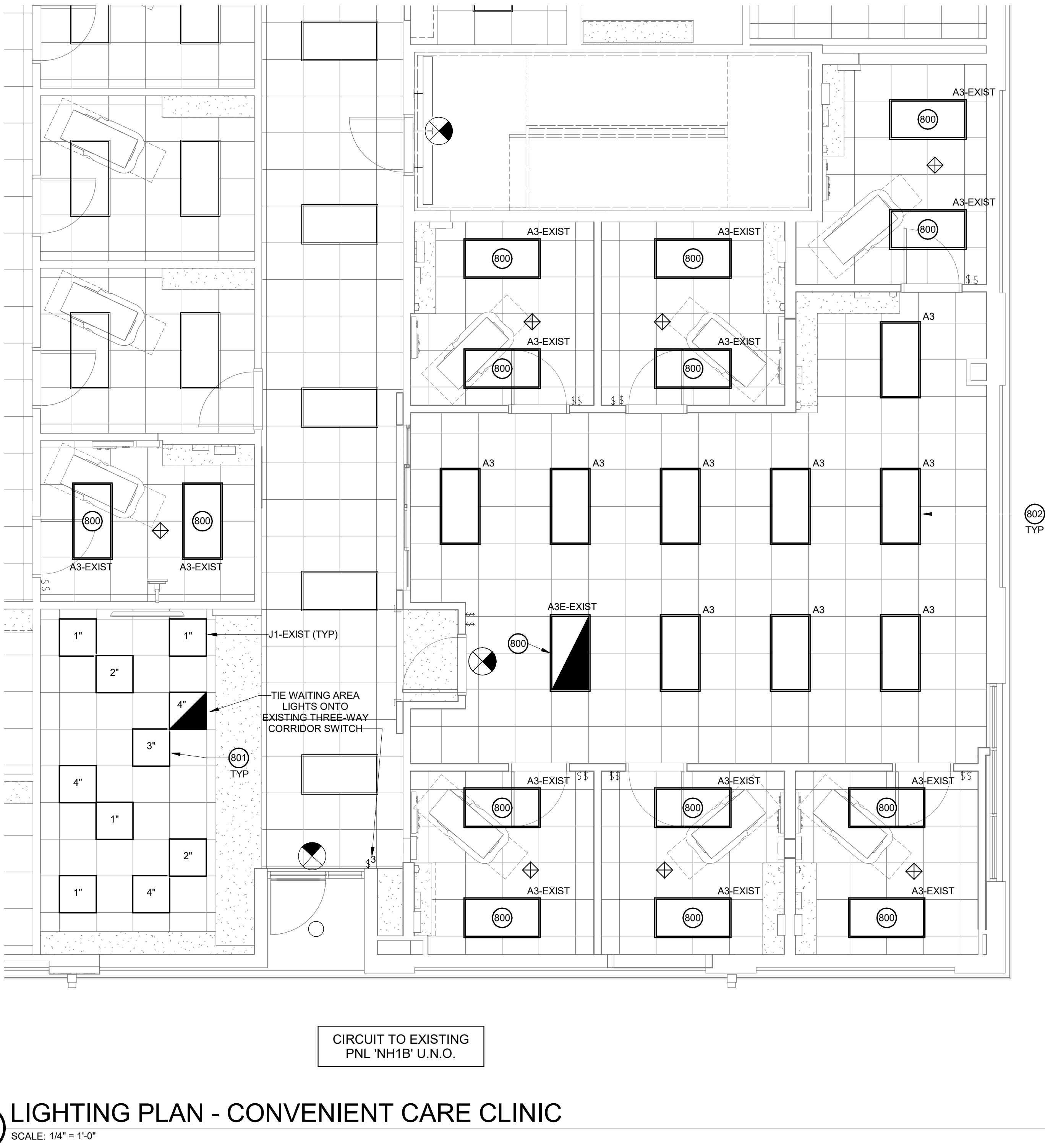
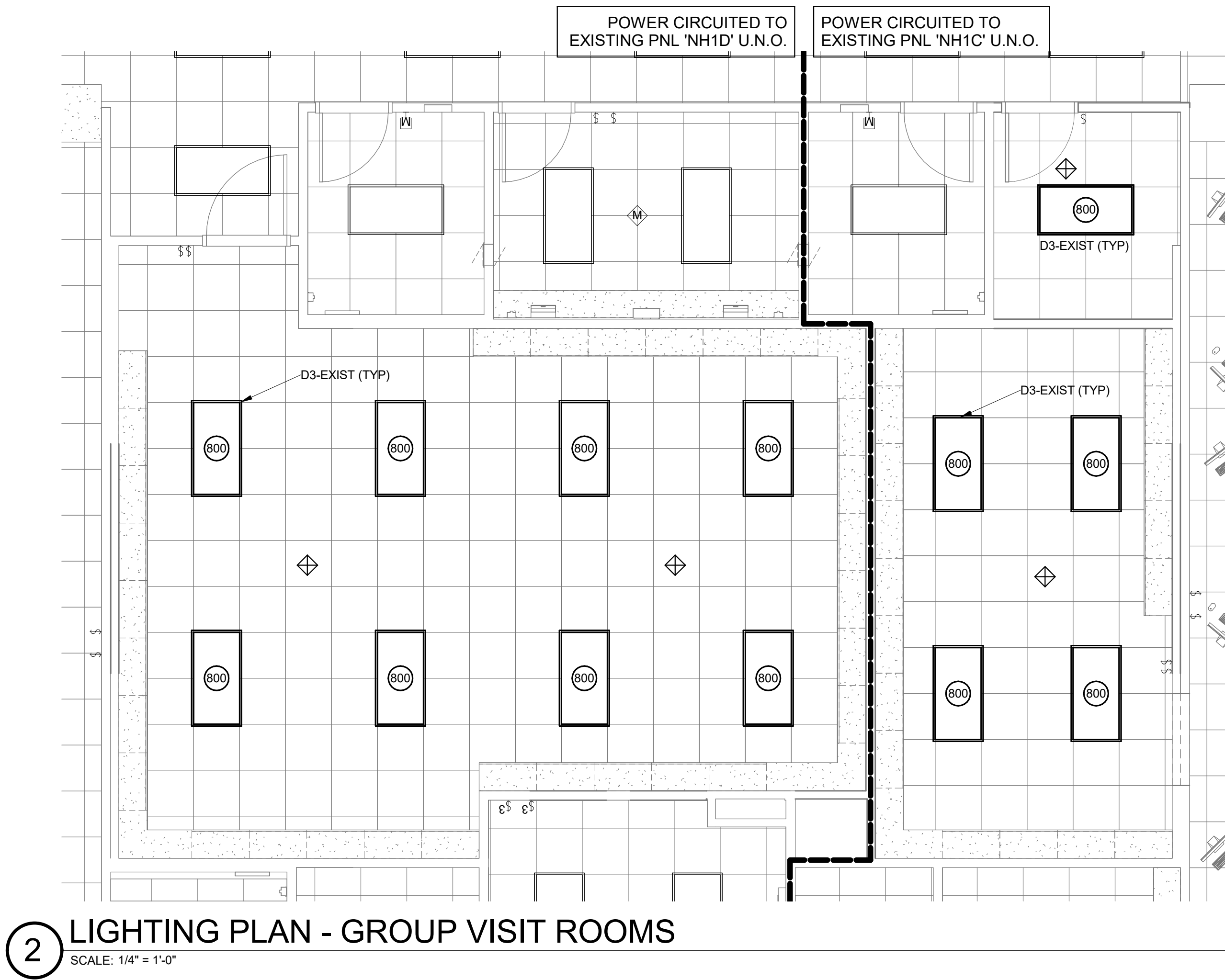
- 803 RE-INSTALL SALVAGED CARD READER AND TIE TO EXISTING NEARBY SECURITY PANEL. INSTALLATION AND LABELING SHALL MATCH EXISTING INSTALLATIONS IN BUILDING.



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PROVIDE LIGHTING CONTROLS
DEVICES AS NECESSARY TO
CONNECT TO EXISTING LIGHTING
CONTROLS SYSTEMS



- ### GENERAL NOTES
- REFER TO SHEET E1.1 FOR GENERAL ELECTRICAL NOTES THAT SHALL APPLY TO ALL SHEETS IN THIS SET UNLESS NOTED OTHERWISE IN THE KEYED NOTES.
 - THIS SHEET GENERALLY DEPICTS EQUIPMENT AND DEVICES FOR FLOOR LEVEL TO APPROXIMATELY 48" AFF. SEE LIGHTING/CEILING SHEETS FOR ADDITIONAL DEVICES MOUNTED ABOVE THIS LEVEL.
- ### KEYNOTE LEGEND
- 800 REINSTALL SALVAGED LIGHT FIXTURE AND RECONNECT TO EXISTING LIGHTING CIRCUIT AND (IF APPLICABLE) CONTACTOR.
- 801 REINSTALL SALVAGED LIGHT FIXTURES FROM DEMOLISHED WAITING AREA (REF: 1B2.2). PROVIDE PATTERN AS SHOWN. PROTRUSION DOWN FROM CEILING PER FIXTURE INDICATED (E.G. 2").
- 802 PROVIDE NEW TYPE 'A3' LED LIGHTING FIXTURE EQUAL TO LITHONIA MODEL 2GTL-4-BOL-A12125-EZ1-LP835 SERIES TO MATCH APPEARANCE OF EXISTING ACRYLIC TROFFER FLUORESCENT FIXTURES THROUGHOUT BUILDING AS CLOSELY AS POSSIBLE. FIXTURE SHALL SUPPORT 277V.

