

PLOT DATE: 8/15/2024 4:19:16 PM
TEMPLATE VERSION: 21.8.2014012

PLUMBING FIXTURE SCHEDULE									
ID	FIXTURE	CW (IN)	HW (IN)	W (IN)	V (IN)	NOTES	SPECIFICATION		
FD-1	FLOOR DRAIN	--	--	2	1 1/2	GENERAL USE FLOOR DRAIN	FLOOR DRAIN: SMITH FIGURE 2005Y-P050 FLOOR DRAIN WITH CAST IRON BODY AND FLASHING COLLAR WITH 6-INCH ROUND NICKEL BRONZE ADJUSTABLE STRAINER HEAD WITH SECURED GRATE. PROVIDE DEEP SEAL TRAP AND TRAP GUARD TYPE 1TRAP SEAL DEVICE.		
L-1	LAVATORY	1/2	1/2	1 1/2	1 1/2	BASIN INTEGRAL TO COUNTERTOP GOOSENECK FAUCET WITH WRISTBLADES	LAVATORY (BASIN INTEGRAL TO COUNTERTOP): CHICAGO786-GN8FCXKABCP FACUET, WITH WRIST BLADE HANDLES, GN8FC RIGID/SWING GOOSENECK SPOUT WITH 0.5 GPM LAMINAR FLOW CONTROL IN SPOUT INLET. FLEXIBLE STAINLESS STEEL SUPPLIES WITH WITH LOOSE KEY ANGLE STOPS. FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS. CHICAGO 327-XCP OPEN-GRID STRAINER AND CAST BRASS P-TRAP WITH CLEAN OUT PLUG. PROVIDE ADA COMPLIANT UNDER COUNTER PIPING WRAP BY TRUE-BRO, COLOR TO BE WHITE.		
L-2	LAVATORY	1/2	1/2	1 1/2	1 1/2	WALL HUNG, GOOSENECK FAUCET WITH WRISTBLADES	LAVATORY: KOHLER K2030, GREENWICH, 20" X 18", VITREOUS CHINA, WITH FRONT OVERFLOW, 8" CENTERS. CHICAGO 786-GN8FCXKABCP FACUET, WITH WRIST BLADE HANDLES, GN8 RIGID/SWING GOOSENECK SPOUT WITH 0.5 GPM LAMINAR FLOW CONTROL IN SPOUT INLET. WATTS LFUSG-B-M2 THERMOSTATIC MIXING VALVE WITH SLOAN BASYS EFT-470-A CHECK VALVES ON HOT AND COLD LINES. FLEXIBLE STAINLESS STEEL SUPPLIES WITH WITH LOOSE KEY ANGLE STOPS. CHICAGO 327-XCP OPEN-GRID STRAINER AND CAST BRASS P-TRAP WITH CLEAN OUT PLUG. SMITH 0700-Z CONCEALED ARM CHAIR CARRIER WITH FOOT SUPPORT. PROVIDE ADA COMPLIANT UNDER COUNTER PIPING WRAP BY TRUE-BRO, COLOR TO BE WHITE.		
S-1	SINK	1/2	1/2	2	1 1/2	BASIN INTEGRAL TO COUNTERTOP GOOSENECK FAUCET WITH WRISTBLADES	SINK (BASIN INTEGRAL TO COUNTERTOP): CHICAGO 786-GN8FCXKABCP FACUET, WITH WRIST BLADE HANDLES, GN8FC RIGID/SWING GOOSENECK SPOUT WITH 1.5 GPM LAMINAR FLOW CONTROL IN SPOUT. FLEXIBLE STAINLESS STEEL SUPPLIES WITH WITH LOOSE KEY ANGLE STOPS. FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS. CHICAGO 327-XCP OPEN-GRID STRAINER AND CAST BRASS P-TRAP WITH CLEAN OUT PLUG. PROVIDE ADA COMPLIANT UNDER COUNTER PIPING WRAP BY TRUE-BRO, COLOR TO BE WHITE.		
S-2	HAND WASH SINK	1/2	1/2	2	1 1/2	WALL HUNG, GOOSENECK FAUCET WITH WRISTBLADES	LAVATORY: KOHLER K2030, GREENWICH, 20" X 18", VITREOUS CHINA, WITH FRONT OVERFLOW, 8" CENTERS. CHICAGO 786-GN8FCXKABCP FACUET, WITH WRIST BLADE HANDLES, GN8 RIGID/SWING GOOSENECK SPOUT WITH 0.5 GPM LAMINAR FLOW CONTROL IN SPOUT INLET. WATTS LFUSG-B-M2 THERMOSTATIC MIXING VALVE WITH SLOAN BASYS EFT-470-A CHECK VALVES ON HOT AND COLD LINES. FLEXIBLE STAINLESS STEEL SUPPLIES WITH WITH LOOSE KEY ANGLE STOPS. CHICAGO 327-XCP OPEN-GRID STRAINER AND CAST BRASS P-TRAP WITH CLEAN OUT PLUG. SMITH 0700-Z CONCEALED ARM CHAIR CARRIER WITH FOOT SUPPORT. PROVIDE ADA COMPLIANT UNDER COUNTER PIPING WRAP BY TRUE-BRO, COLOR TO BE WHITE.		
S-3	NURSE STATION SINK	1/2	1/2	2	1 1/2	COUNTER MOUNTED, STAINLESS STEEL, GOOSENECK FAUCET WITH WRISTBLADES	SINK: ELKAY LRAD 1918 19" X 18" O.D. X 6-1/2" DEEP BOWL, COUNTER MOUNT SINGLE COMPARTMENT 18 GA. STAINLESS STEEL SINK, 8" CENTERS DRILLING, PROVIDE SINK WITH CENTER-REAR DRAIN LOCATION. PROVIDE CHICAGO 786-GN8FCABCP FAUCET, NO. 317 4" WRIST BLADES, GN8 RIGID/SWING CONVERTIBLE GOOSE NECK WITH 1.5 GPM FC LAMINAR FLOW CONTROL IN SPOUT AND PLAIN END SPOUT RING. PROVIDE FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS. JUST J-35 STAINLESS STEEL CUP STRAINER AND CAST BRASS P-TRAP WITH CLEAN-OUT PLUG.		
S-4	BREAK RM SINK	1/2	1/2	2	1 1/2	COUNTER MOUNTED, STAINLESS STEEL, SINGLE COMPARTMENT.....	SINK (STAINLESS STEEL, COUNTER MOUNTED, SINGLE COMPARTMENT): JUST SLADA1921A553-J TYPE 304 STAINLESS STEEL SINK, 14" X 18" X 5-1/2" DEEP BASIN, SELF RIMMING, 8" CENTERS DRILLING WITH J-35 CUP STRAINER. SYMMONS S-23-BH 1.5 KITCHEN FAUCET WITH 1.5 GPM AERATOR. FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS, CAST BRASS P-TRAP WITH CLEAN-OUT PLUG.		
S-5	CUP SINK	1/2	1/2	1 1/2	1 1/2	SPECIMEN DISPOSAL SINK	SINK: ELKAY CUPR6 6.5" DIA. I.D. TYPE 316 18 GA STAINLESS STEEL, ROUND, COUNTER MOUNT SINGLE BOWL WITH STEEL NIPPLE WITH GROSS BAR DRAIN. CHICAGO 929-LESH SINGLE HOLE HOT AND COLD WATER FAUCET WITH GN8FCXKABCP P PLAIN END GOOSENECK SPOUT WITH 1.5 GPM FLOW CONTROL IN BASE OF THE SPOUT AND 317 4" WRIST BLADE HANDLES. FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS AND CAST BRASS P-TRAP WITH CLEAN-OUT PLUG.		
S-6	CONFERENCE ROOM SINK	1/2	1/2	2	1 1/2	INTEGRAL SINK, GOOSENECK FAUCET WITH WRISTBLADES	SINK (BASIN INTEGRAL TO COUNTER TOP): PROVIDE CHICAGO 786-GN8FCABCP FAUCET, NO. 317 4" WRIST BLADES, GN8 RIGID/SWING CONVERTIBLE GOOSE NECK WITH 1.5 GPM FC LAMINAR FLOW CONTROL IN SPOUT AND PLAIN END SPOUT RING. PROVIDE FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPS. JUST J-35 STAINLESS STEEL CUP STRAINER AND CAST BRASS P-TRAP WITH CLEAN-OUT PLUG.		
SH-1	SHOWER	1/2	1/2	2	2	ADA, FIXED AND HAND HELD SHOWER HEADS	SHOWER (ADA COMPLIANT): SYMMONS 1-1170VT-T600B-36-V-X-1.5 VISU-TEMP EXTRA HEAVY DUTY SHOWER SYSTEM WITH PRESSURE BALANCING MIXING VALVE, CLEAR-VUE THERMOMETER, LEVER HANDLE, ADJUSTABLE STOP SCREW, INTEGRAL SERVICE STOPS, 1.5 GPM SHOWER HEAD WITH ARM AND FLANGE, LEVER DIVERTER WITH INTEGRAL VOLUME CONTROL, 1.5 GPM WALL/HAND SHOWER WITH 6" FLEXIBLE METAL HOSE, INLINE BREAKER, WALL CONNECTION AND FLANGE AND SYMMONS 36" T600B ADA GRAB AND SLIDE BAR FOR HAND SHOWER MOUNTING.		
TD-1	TRENCH DRAIN	--	--	2	2	PATIENT TOILET ROOM TRENCH DRAIN	TRENCH DRAIN: ZURN MODEL #ZS880-60-ZS-WG TYPE 304 FABRICATED STAINLESS STEEL LINEAR SHOWER DRAIN, COMPLETE WITH VERTICALLY ADJUSTABLE ANCHORING SUPPORT LEGS, ANTI-PRONDING V-SHAPED CHANNEL WITH 2 IN. NO-HUB CENTER OUTLET, ADJUSTABLE SECURED LEVELING FRAME WITH BUILT-IN TILE EDGE, AND SECURED, LIGHT DUTY, SLOTTED HEEL-PROOF GRATE, DRAIN IS DESIGNED FOR INSTALLATION IN A MINIMUM 2" CONCRETE PAD AND CAN BE ADJUSTED TO ACCOMMODATE 1/4 AND 3/8 FINISHED TILE THICKNESS.		
WB-1	WATER BOX	3/4	3/4	2	1 1/2	--	WATER OUTLET BOX: WATER-TITE 82112 WASHING MACHINE OUTLET BOX WITH DRAIN, QUARTER TURN BALL VALVE FOR USE WITH ICE MACHINE. INSTALL ONLY COLD WATER BALL VALVE. NOTCH COUNTERTOP BACK-SPLASH AND INSTALL OUTLET BOX DRAIN FLUSH WITH COUNTERTOP. PROVIDE WITH PVC TRAP. WATER LINE CONNECTION TO THE ICEBOX TO BE COPPER PIPING. BOX DIMENSIONS: 7-7/8" X 5-5/8" I.D., FRAME SIZE: 10-7/8 X 9-3/8"		
WC-1	WATER CLOSET	1	--	4	2	FLOOR MOUNTED, MANUAL FLUSH VALVE, ADA, BED PAN WASHER	WATER CLOSET: KOHLER K-4366-L HIGHCLIFF VITREOUS CHINA, FLOOR MOUNTED, ELONGATED BOWL WITH BEDPAN LUGS, 1-1/2" TOP SPUD, ADA TOILET WITH K-4670-C LUSTRA OPEN-FRONT SEAT. SLOAN MODEL BPM-1150-1.6 LOW CONSUMPTION FLUSH VALVE WITH PULL DOWN BED PAN WASHER AND WES-212 DUAL FLUSH HANDLE KIT, 1-1/2" OFF SET TUBE, INSTALL ACTUATOR ON WIDE SIDE OF FIXTURE.		

1. ALL UNDER GROUND WASTE AND VENT SHALL BE 2" OR GREATER PER DRAWINGS.

MEDICAL GAS OUTLETS SCHEDULE																
SYMBOL	ROOM TYPE	# OF OUTLETS								PIPE DROP SIZE TO OUTLET(S)						
		OX	MA	MV	N	N2O	CO2	WAGD		OX	MA	MV	N	N2O	CO2	WAGD
MO-1	O2,MV OUTLET	1	--	1	--	--	--	--		1/2"	--	3/4"	--	--	--	--
MO-5	O2, MA, MV	1	1	1	--	--	--	--		1/2"	1/2"	3/4"	--	--	--	--
MO-6	INFANT RESUSILDRP	3	3	3	--	--	--	--		1/2"	1/2"	1"	--	--	--	--
MO-8	O2	1	--	--	--	--	--	--		1/2"	--	--	--	--	--	--
MO-20	OR EQUIP BOOM	--	1	2	1	--	1	--		1/2"	1"	1/2"	--	1/2"	--	--
MO-21	OR ANEST BOOM	3	2	2	--	1	--	1		1/2"	1/2"	1"	--	1/2"	--	3/4"

UNLESS NOTED OTHERWISE, ALL OUTLETS ARE CHEMETRON-STYLE QUICK-CONNECTS - SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND ELEVATIONS

OUTLETS IN "MEDICAL EQUIPMENT" ARE SUPPLIED WITH THE PIECE OF EQUIPMENT

1. PIPE DROP SIZES ARE FOR ONE SET OF OUTLETS

2. WALL MOUNTED OUTLETS

3. OUTLETS IN OWNER-PROVIDED, CEILING-MOUNTED BOOM.

MEDICAL GAS VALVE SCHEDULE											
SYMBOL	AREA SERVED	PIPE SIZE								REMARKS	
		OX	MA	MV	N	IA	N2O	CO2	WAGD		
MV-12	BLOOD DRAW	1/2"	-	-	-	-	-	-	-	1	

1. WITH GAUGES

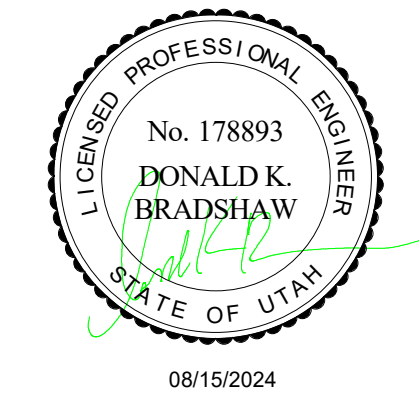
HKS

ARCHITECT
HKS ARCHITECTS, INC.
222 SOUTH MAIN, SUITE 230
SALT LAKE CITY, UT 84101

STRUCTURAL ENGINEER
REAVELEY ENGINEERS & ASSOCIATES
675 EAST 500 SOUTH, SUITE 400
SALT LAKE CITY, UTAH 84102

MECHANICAL ENGINEER
VAN BOERUM & FRANK ASSOCIATES, INC.
181 EAST 5600 SOUTH, SUITE 130
MURRAY, UTAH 84107

ELECTRICAL ENGINEER
SPECTRUM ENGINEERS, INC
324 SOUTH STATE STREET, SUITE 400
SALT LAKE CITY, UTAH 84111



LAYTON HOSPITAL
MISC PROJECTS

KEY PLAN

REVISION	NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER
26404.000

DATE
08/15/2024

ISSUE
CONSTRUCTION DOCUMENTS

SHEET TITLE
PLUMBING SCHEDULES

SHEET NO.

P601

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
REFERENCE AND LINE SYMBOLS	
	DETAIL INDICATOR: A5 INDICATES DETAIL NUMBER, E-501 INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
	ELEVATION OR SECTION INDICATOR, EXTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
	ELEVATION OR SECTION INDICATOR, INTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
	ROOM IDENTIFIER WITH ROOM NAME AND NUMBER.
	KEYNOTE INDICATOR.
	REVISION INDICATOR.
	EQUIPMENT INDICATOR.
	MECHANICAL EQUIPMENT INDICATOR. "X-X" INDICATES EQUIPMENT MARK SHOWN ON EQUIPMENT SCHEDULE. "XMDP" IDENTIFIES PANEL EQUIPMENT IS CIRCUITED TO. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
	BREAK, STRAIGHT: TO BREAK PARTS OF DRAWING
	BREAK, ROUND
	MATCH LINE INDICATOR: CENTER, EXTRA WIDE LINE.
	NEW LINE: MEDIUM LINE.
	HIDDEN FEATURES LINE: HIDDEN, THIN LINE
	EXISTING TO REMAIN LINE: THIN LINE.
	DEMOLITION LINE: DASHED, MEDIUM LINE
	PROPERTY LINE: DASHED, WIDE LINE.
	CONTRACT LIMIT LINE: DASHOOT, WIDE LINE.
	ELECTRICAL EQUIPMENT INDICATOR. "XXX" INDICATES TYPE OF EQUIPMENT OR EQUIPMENT ID. "EF-X" IDENTIFIES MECHANICAL EQUIPMENT BEING SERVED. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
	EQUIPMENT INDICATOR. "X-X" INDICATES EQUIPMENT MARK SHOWN ON EQUIPMENT SCHEDULE. "ILA-3" IDENTIFIES PANEL EQUIPMENT IS CIRCUITED TO. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
	IN-GRADE PULLBOX INDICATOR. "XXXET" INDICATES LABEL SHOWN ON SCHEDULE. "I" IDENTIFIES SEQUENCE NUMBER SHOWN ON SITE AND RISER DIAGRAM. REFER TO PLANS AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS.
WIRING METHODS	
	WIRING.
	WIRING TURNED UP OR TOWARDS OBSERVER.
	WIRING TURNED DOWN OR AWAY FROM OBSERVER.
	SINGLE BRANCH CIRCUIT HOME RUN TO PANELBOARD WITH DEDICATED NEUTRAL CONDUCTOR. LETTER AND NUMBER NOTATION IDENTIFY PANEL AND CIRCUIT NUMBER.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD; NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD; NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS. NUMBER IN BOX REFERS TO THE CONDUCTOR AND CONDUIT SCHEDULE.
	LOW VOLTAGE WIRING: DIVIDE, MEDIUM LINE.
	CONDUIT STUB. DIMENSION RECORD DRAWINGS AND MARK.
	CONDUCTOR & CONDUIT (CC) SCHEDULE INDICATOR. REFER TO ONE-LINE DIAGRAM.
	ADA ACCESS PUSH PLATE
	JUNCTION BOX.
	JUNCTION BOX, CEILING.
	JUNCTION BOX, SYSTEMS FURNITURE COMMUNICATION CONNECTION.
	JUNCTION BOX, SYSTEMS FURNITURE POWER CONNECTION.
	PULL BOX.
	CABLE TRAY ABOVE ACCESSIBLE CEILING. "A" DENOTES CABLE TRAY WIDTH, "B" DENOTES CABLETRAY DEPTH. "+C-D" DENOTES CABLE TRAY ELEVATION ABOVE OR BELOW FINISHED SURFACE.
	LADDER RACK.
	CABLE J-HOOKS ABOVE ACCESSIBLE CEILING.
	MECHANICAL EQUIPMENT CONNECTION. REFER TO EQUIPMENT SCHEDULE FOR REQUIREMENTS.
	ELECTRIC VEHICLE CHARGING STATION.
	GROUND BUSBAR. REFER TO GROUNDING RISER DIAGRAM FOR ADDITIONAL INFORMATION.

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
WIRING DEVICES	
	RECEPTACLE, SINGLE: NEMA 5-20R.
	RECEPTACLE, DUPLEX: NEMA 5-20R.
	RECEPTACLE, DUPLEX, ABOVE COUNTER: NEMA 5-20R.
	RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R.
	RECEPTACLE, DUPLEX, DEDICATED CIRCUIT: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, DRINKING FOUNTAIN: CONCEAL WATER COOLER RECEPTACLE BEHIND WATER COOLER. SEE MECHANICAL PLUMBING SHOP DRAWINGS FOR INSTALLATION REQUIREMENTS.
	RECEPTACLE, DUPLEX, ISOLATED GROUND: NEMA 5-20R.
	RECEPTACLE, DUPLEX, SWITCHED: NEMA 5-20R.
	RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R.
	RECEPTACLE, DUPLEX ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, DUPLEX, CONNECTED TO UPS: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R.
	RECEPTACLE, DUPLEX, RECESSED: NEMA 5-20R.
	RECEPTACLE, DUPLEX, SWITCHED, RECESSED: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX, CONNECTED TO UPS: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R.
	RECEPTACLE, SPECIAL PURPOSE. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
	RECEPTACLE, SPECIAL PURPOSE ON EMERGENCY POWER. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG.
	RECEPTACLE, DRYER: NEMA 14-30R.
	RECEPTACLE, RANGE: NEMA 14-50R.
	MULTI-OUTLET ASSEMBLY: NEMA 5-20R.
	DROP CORD. SEE DETAIL.
	THERMOSTAT.
	FLUSH FLOOR BOX. "I" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
	FLUSH FIRE RATED POKE THRU. "I" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.
	SWITCH, DIMMER.
	SWITCH, SINGLE POLE ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, DOUBLE POLE ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, THREE-WAY ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, FOUR-WAY ("X" INDICATES FIXTURES CONTROLLED).
	SWITCH, DOOR.
	SWITCH, KEY OPERATED.
	SWITCH, PILOT LIGHT.
	SWITCH, TIMER OPERATED.
	SWITCH, WEATHERPROOF.
	RECEPTACLE, DUPLEX, TAMPER RESISTANT: NEMA 5-20R.
	RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R.
	RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, CONNECTED TO UPS: NEMA 5-20R.
	RECEPTACLE, DUPLEX, WITH USB OUTLET
	RECEPTACLE, DUPLEX, RECESSED, NEMA 5-20R, AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUPANCY BASED CONTROLS (REFER TO PLANS FOR CONTROL METHOD)
	RECEPTACLE, QUADRAPLEX, RECESSED, NEMA 5-20R, AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUPANCY BASED CONTROLS (REFER TO PLANS FOR CONTROL METHOD)
	INDICATES A RECEPTACLE IS AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUPANCY BASED CONTROLS (REFER TO PLANS FOR CONTROL METHOD)

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
SITE ELECTRICAL AND COMMUNICATIONS UTILITIES	
	ELECTRIC LINE: THIN LINE. 10 = SINGLE PHASE, 20 = 2-PHASE, 30 = 3-PHASE, 0 = OVERHEAD, U = UNDERGROUND, P = PRIMARY, S = SECONDARY
	LIGHTNING ARRESTOR.
	UTILITY POLE.
	UTILITY, DISTRIBUTION SWITCH OR SWITCHING STATION.
	UTILITY, PRIMARY ELECTRICAL HAND HOLE.
	UTILITY SERVICES, MANHOLE.
	UTILITY, COMMUNICATIONS MANHOLE.
	UTILITY, ELECTRICAL MANHOLE.
	UTILITY, TELEPHONE MANHOLE.
	PRECAST CONCRETE, COMMUNICATION VAULT.
	PRECAST CONCRETE, ELECTRICAL VAULT.
	PRECAST CONCRETE, TELEPHONE VAULT.
	PRECAST CONCRETE, MANHOLE, TRANSFORMER VAULT.
	PRECAST CONCRETE, TRANSFORMER PAD.
	IN-GRADE PULLBOX, HAND HOLE. OPTIONS WITH SQUARE OR ROUND CORNERS. REFER TO PLANS AND EXTERIOR PULLBOX SCHEDULE FOR ADDITIONAL INFORMATION.
	SUBSTATION.
	TRANSFORMER.
ELECTRICAL POWER AND DISTRIBUTION	
	FUSE WITH RATING (ONE-LINE DIAGRAM).
	DISCONNECT, FUSED (ONE-LINE DIAGRAM).
	DISCONNECT, NONFUSED (ONE-LINE DIAGRAM).
	DISCONNECT WITH FUSE AND MOTOR STARTER COMBINATION (ONE-LINE DIAGRAM).
	OVERLOAD RELAY (ONE-LINE DIAGRAM).
	STARTER (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, MOLDED CASE (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, MOLDED CASE WITH SHUNT TRIP (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, ADJUSTABLE TRIP. "225AF" REPRESENTS THE RATING AND "150AT" REPRESENTS THE TRIP SETTING. (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, SOLID STATE (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, SOLID STATE WITH GROUND FAULT PROTECTION (ONE-LINE DIAGRAM).
	MOTOR.
	TRANSFORMER (ONE-LINE DIAGRAM).
	TRANSFORMER, CURRENT (ONE-LINE DIAGRAM).
	BATTERY (ONE-LINE DIAGRAM).
	CAPACITOR (ONE-LINE DIAGRAM).
	DELTA CONNECTION (ONE-LINE DIAGRAM).
	WYE CONNECTION (ONE-LINE DIAGRAM).
	DISTRIBUTION PANELBOARD, MOTOR CONTROL CENTER, PLUG-IN BUSWAY, MEDIUM VOLTAGE SWITCHBOARD (ONE-LINE DIAGRAM).
	PANELBOARD (ONE-LINE DIAGRAM).
	PANELBOARD WITH MAIN LUGS ONLY. BUS SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
	PANELBOARD WITH MAIN CIRCUIT BREAKER. SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
	PANELBOARD WITH MAIN AND SUB FEED CIRCUIT BREAKER (ONE-LINE DIAGRAM).

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
ELECTRICAL POWER AND DISTRIBUTION	
	PANELBOARD WITH MAIN LUGS ONLY AND SURGE PROTECTION WITH CIRCUIT BREAKER (ONE-LINE DIAGRAM).
	PANELBOARD WITH SUB FEED LUGS (ONE-LINE DIAGRAM).
	PANELBOARD WITH CIRCUIT BREAKER AND SUB FEED LUGS (ONE-LINE DIAGRAM).
	CT CABINET PER UTILITY'S REQUIREMENTS (ONE-LINE DIAGRAM).
	CT CABINET PER UTILITY'S REQUIREMENTS (ONE-LINE DIAGRAM).
	TRANSFER SWITCH (ONE-LINE DIAGRAM).
	DIGITAL MULTIMETER (ONE-LINE DIAGRAM).
	EARTH GROUND (ONE-LINE DIAGRAM).
	SERVICE ENTRANCE SURGE PROTECTION (ONE-LINE DIAGRAM).
	GENERATOR, ANNUNCIATOR (ONE-LINE DIAGRAM).
	PUSH BUTTON, REMOTE EMERGENCY STOP.
	GENERATOR, POWER (ONE-LINE DIAGRAM).
	KIRK-KEY MECHANICAL INTERLOCK (ONE-LINE DIAGRAM)
	METER.
	BROAD BAND FILTER (ONE-LINE DIAGRAM).
	VARIABLE FREQUENCY MOTOR CONTROLLER (ONE-LINE DIAGRAM).
	DIODE (ONE-LINE DIAGRAM).
	DISCONNECT SWITCH, FUSED.
	DISCONNECT SWITCH, UNFUSED.
	STARTER, COMBINATION WITH DISCONNECT SWITCH.
	STARTER OR MOTOR CONTROLLER.
	PUSHBUTTON.
	PUSHBUTTONS, MOTOR CONTROL.
	PANELBOARD CABINET, FLUSH MOUNTED.
	PANELBOARD CABINET, SURFACE MOUNTED, 1 SECTION.
	PANELBOARD CABINET, SURFACE MOUNTED, 2 SECTION.
	DISTRIBUTION PANEL OR SWITCHBOARD.
	LIGHTING RELAY, CONTACTOR PANEL, OR DIMMING ENCLOSURE.
	SWITCH, TOGGLE MOTOR STARTER WITH OVERLOAD PROTECTION.
	TRANSFORMER (SEE ONE-LINE FOR SIZE)
	BUSWAY.
	SPECIALIZED TRANSFER SWITCH (ONE-LINE DIAGRAM).
	CIRCUIT BREAKER, DRAW OUT (ONE-LINE DIAGRAM).

ABBREVIATIONS	
NOTE: ALL ABBREVIATIONS MAY NOT BE USED.	
1P	SINGLE POLE
1PH	SINGLE-PHASE
1WAY	ONE-WAY
2/C	TWO-CONDUCTOR
2WAY	TWO-WAY
3/C	THREE-CONDUCTOR
3WAY	THREE-WAY
4OUT	QUADRUPEL RECEPTACLE
4PDT	FOUR-POLE DOUBLE THROW
4PST	FOUR-POLE SINGLE THROW
4W	FOUR-WIRE
4WAY	FOUR-WAY
A	ABOVE COUNTER
AC	ARMORED CABLE
ACS	ACCESS CONTROL SYSTEM
ADA	AMERICAN WITH DISABILITIES ACT
ADJ	ADJACENT
AF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CAPACITY
ALUM	ALUMINUM
AMP	AMPERE
ANN	ANNUNCIATOR
AP	ACCESS POINT (WIRELESS DATA)
AR	AS REQUIRED
ASC	AMPS SHORT CIRCUIT
ATS	AUTOMATIC TRANSFER SWITCH
AV	AUDIO VISUAL
AWG	AMERICAN WIRE GAGE
BB	BUCK-BOOST TRANSFORMER
BF	BELOW FINISHED FLOOR
BFG	BELOW FINISHED GRADE
C	CEILING MOUNTED
CAT	CATEGORY
CATV	COMMUNITY ANTENNA TELEVISION
CB	CIRCUIT BREAKER
CCBA	CUSTOM COLOR AS SELECTED BY ARCHITECT
CCFC	CLOSED CIRCUIT TELEVISION
CCTV	CONTRACTOR FURNISHED/OWNER INSTALLED
CFB	CONTRACTOR FURNISHED/OWNER INSTALLED
CFB/C	CONTRACTOR FURNISHED/OWNER INSTALLED
CFB/C	CUSTOM FINISH AS SELECTED BY ARCHITECT
CI	CONTACT INDICATOR
CK	CIRCUIT
CM	CONSTRUCTION MANAGER
CND	CONDUIT
CO	CONVENIENCE OUTLET
CO	CONTRACTING OFFICER'S REPRESENTATIVE
CP	CONTROL PANEL
CR	CARD READER
CTV	CURRENT TRANSFORMER
CTV	CABLE TELEVISION
CU	COPPER
CU	UNIT OF SOUND LEVEL
DPDT	DOUBLE POLE, DOUBLE THROW
DS	DISCONNECT SWITCH
E	ENHANCED
EACH	EACH
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ENT	ELECTRIC NONMETALLIC TUBING
EPO	EMERGENCY POWER OFF
EQUIP	EQUIPMENT
ER	EQUIPMENT ROOM
EX	EXISTING
F	FURNITURE MOUNTED
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPS
FMC	FLEXIBLE METAL CONDUIT
FNB	FREIGHT ON BOARD
FPP	FIBER PATCH PANEL
FVR	FIBER VOLTAGE NON-REVERSING
FVR	FULL VOLTAGE REVERSING
GEN	GENERATOR
GFCI	GROUND FAULT INTERRUPTER
GFP	GROUND FAULT PROTECTION
GG	GIGA HERTZ
GND	GROUND
HD	HEAVY DUTY
HID	HIGH INTENSITY DISCHARGE
HDA	HAND-OFF-AUTOMATIC
HP	HORSE POWER
HPF	HIGH POWER FACTOR
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HVM	HORIZONTAL WIRE MANAGEMENT
HZ	HERTZ
I/O	INPUT/OUTPUT
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
INS	INSULATED/ISOLATED
INFR	INFRARED
J-BOX	JUNCTION BOX
kV	KILOVOLT
kVA	KILOVOLT AMPERE
KVAR	KILOVOLT AMPERE REACTIVE
KW	KILOWATT
KWH	KILOWATT HOUR
LED	LIGHT EMITTING DIODE
LFCM	LIQUID TIGHT FLEXIBLE METAL CONDUIT
LFLNC	LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT
LPS	LOW PRESSURE SODIUM
LRA	LOCKED ROTOR AMPS
LTG	LIGHTING
LV	LOW VOLTAGE
MATV	MASTER ANTENNA TELEVISION SYSTEM
MAX	MAXIMUM
MC	METAL CLAD
MCA	MINIMUM CIRCUIT AMPS
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTION
MDP	MAIN DISTRIBUTION PANEL
MG	MOTOR GENERATOR
MH	MANHOLE
MNI	MINIMUM
MLO	MAIN LUGS ONLY
MOC	MAIN OVERCURRENT PROTECTION
MTS	MANUAL TRANSFER SWITCH
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFC	NATIONAL FIRE CODE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
OE	OWNER CURRENT PROTECTION
OE/CI	OWNER ELECTRONICS/CONTRACTOR INSTALLED
OF/CI	OWNER FURNISHED/CONTRACTOR INSTALLED
OF/CI	OWNER FURNISHED/OWNER INSTALLED
OPF	OVERHEAD FROM PLANS
OH DR	OVERHEAD (CEILING) DOOR
OVER	OVERLOAD
PB	PUSHBUTTON
PF	POWER FACTOR
PH	PHASE
PNL	PANEL
PNM	PENUM
PR	PAIR
PS	POWER SUPPLY
PT	POTENTIAL TRANSFORMER
PTZ	PAN/TILT/ZOOM
Q	QUANTITY
QTY	QUANTITY
R	REMOVE
RCP	REFLECTED CEILING PLAN
RMC	RIGID METAL CONDUIT

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
LIGHTING	
(W-3) 	FIXTURE IDENTIFICATION: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
(W-3E) 	FIXTURE IDENTIFICATION: EMERGENCY LIGHTING FIXTURE WITH BATTERY PACK AND/ OR GENERATOR AND/ OR CENTRALIZED INVERTER AND/ OR CENTRALIZED UPS CONNECTION AS INDICATED IN PLANS. (W-3E) INDICATES FIXTURE TYPE AS SCHEDULED.
EM	EMERGENCY.
NL	NIGHT LIGHT: DO NOT SWITCH.
↑	EGRESS DIRECTION ARROW (EXIT SIGNS).
	EXIT SIGN: SINGLE FACE; CEILING MOUNTED
	EXIT SIGN: SINGLE FACE; WALL MOUNTED
	EXIT SIGN: DOUBLE FACE; CEILING MOUNTED
	EXIT SIGN: DOUBLE FACE; WALL MOUNTED
LIGHTING CONTROL	
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, WALL.
	OCCUPANCY SENSOR, DUAL TECHNOLOGY, DIRECTIONAL.
	PHOTOCELL.
	PHOTOCELL, WALL MOUNTED.
	VACANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.
	VACANCY SENSOR, DUAL TECHNOLOGY, WALL.
	CEILING FAN.
	SWITCH/OCCUPANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
	SWITCH/VACANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
	DIMMER SWITCH/OCCUPANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
	DIMMER SWITCH/VACANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
a.b 	LOW VOLTAGE DIGITAL LIGHTING CONTROL SWITCH: LETTER "A" INDICATES ZONING WHERE SHOWN (REFER TO PLANS, SCHEDULES, AND DETAILS FOR EXACT BUTTON CONFIGURATION AND PROGRAMMING REQUIREMENTS)
RC	DIGITAL LIGHTING ROOM CONTROLLER
DC	DIGITAL LIGHTING DIMMING CONTROLLER
LC	DIGITAL PLUG LOAD CONTROLLER
LS	LIGHTING NETWORK SWITCH.
NR	LIGHTING NETWORK ROUTER.
SM	LIGHTING NETWORK SEGMENT MANAGER
NB	LIGHTING NETWORK BRIDGE
ET	LIGHTING EMERGENCY TRANSFER DEVICE
	LIGHTING SPACE CONTROL TYPE: X INDICATES TYPE. SEE SCHEDULE / DIAGRAM.
TWO-WAY COMMUNICATIONS	
2WA	TWO-WAY COMMUNICATIONS MAIN CONTROL STATION (ANNUNCIATOR)
RCS	TWO-WAY COMMUNICATIONS REMOTE CALL STATION
	DATA CONNECTION: TWO-WAY EMERGENCY COMMUNICATION SYSTEM.

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
FIRE ALARM	
FAA	FIRE ALARM ANNUNCIATOR PANEL.
FACP	FIRE ALARM CONTROL PANEL, SEMI-RECESSED.
FATC	FIRE ALARM TERMINAL CABINET; NAC, SLC, SPEAKER CIRCUITS, AMPLIFIERS, BATTERIES
FVAC	CONTROL PANEL FOR HVAC: SMOKE CONTROL, STAIR PRESSURIZATION.
EVAC	VOICE EVACUATION PANEL.
PRE	PRE-ACTION CONTROL PANEL.
MIC	REMOTE VOICE EVACUATION MICROPHONE.
FPC	FIRE PUMP CONTROLLER.
JPC	JOCKEY PUMP CONTROLLER.
C	AUTOMATIC DOOR CLOSERS: DOOR CLOSERS SHALL BE FURNISHED WITH DOOR HARDWARE AND CONNECTED BY FIRE ALARM INSTALLER.
CM	CONTROL MODULE.
MM	MONITOR MODULE.
F	FIRE ALARM MANUAL PULL STATION.
R	SHUT DOWN RELAY: INSTALL RELAY IN CONTROL CIRCUIT OF EQUIPMENT TO BE CONTROLLED IN THE EVENT OF A FIRE.
FS	WATER FLOW SWITCH: FLOW SWITCHES SHALL BE PROVIDED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
VS	VALVE SUPERVISORY SWITCH, TAMPER SWITCH: TAMPER SWITCHES SHALL BE PROVIDED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
PS	PRESSURE SUPERVISORY SWITCH: PRESSURE SWITCHES SHALL BE PROVIDED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
⌀	MAGNETIC DOOR HOLDER.
	DETECTOR, SMOKE.
	DETECTOR, SMOKE, WALL MOUNTED.
	DETECTOR, SMOKE WITH AUXILIARY CONTACT.
	DETECTOR, SMOKE, BEAM RECEIVER.
	DETECTOR, SMOKE, BEAM TRANSMITTER.
	DETECTOR, SMOKE, ELEVATOR RECALL DESIGNATION.
	DETECTOR, SMOKE WITH GUARD.
	DETECTOR, SMOKE, RESIDENTIAL.
	DETECTOR, SMOKE WITH STROBE.
	DETECTOR, SMOKE, RESIDENTIAL WITH SOUNDER BASE.
	DETECTOR, SMOKE, AIR SAMPLING SYSTEM PORT LOCATION.
	DETECTOR, SMOKE, DUCT WITH HOUSING AND SAMPLING TUBE.
	SMOKE DAMPER. 120V POWER FROM ELECTRICAL SYSTEM.
	COMBINATION FIRE/SMOKE DAMPER. 120V POWER FROM ELECTRICAL SYSTEM.
	REMOTE ALARM INDICATING AND TEST SWITCH.
	DETECTOR, HEAT.
	DETECTOR, CARBON MONOXIDE.
	STROBE, WALL MOUNTED.
	STROBE, WALL MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, HORN/SPEAKER, WALL MOUNTED, WEATHERPROOF.
	ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY.
	ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, CHIME/STROBE, WALL MOUNTED, ONE ASSEMBLY.
	ALARM, HORN/STROBE WITH GUARD, WALL MOUNTED, ONE ASSEMBLY.
	ALARM, MINI HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY.
	SPEAKER, WALL MOUNTED, EVACUATION.
	SPEAKER, WALL MOUNTED, EVACUATION, COMBINATION STROBE.
	SPEAKER, WALL MOUNTED, EVACUATION, COMBINATION STROBE. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, HORN/STROBE, ONE ASSEMBLY, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	ALARM, HORN, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	SPEAKERS/STROBE, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	SPEAKER, CEILING MOUNTED.
	ALARM, STROBE, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.
	BELL, ELECTRIC, 120V FROM ELECTRICAL SYSTEM OR 24V FROM FIRE ALARM SYSTEM.

SYMBOLS LEGEND	
SYMBOL	DESCRIPTION
CLOCK	
	CLOCK.
	CLOCK, SURFACE WITH WIRE GUARD.
NURSE CALL	
	JUNCTION BOX.
	CORRIDOR LIGHT.
	BATHROOM PULL CORD STATION.
	DUTY STATION.
	EMERGENCY ASSISTANCE CALL STATION.
	EMERGENCY ASSISTANCE CODE BLUE CALL STATION.
	PATIENT STATION.
	STAFF STATION.
NCM	TOUCH SCREEN NURSE CALL MASTER STATION.
ZLC	ZONE LIGHT CONTROLLER.
CU	NURSE CALL AREA CONTROL UNIT & POWER SUPPLIES.
CCTV	
	CCTV CABLE, POWER.
	CCTV CABLE, VIDEO SIGNAL.
CCTV	CCTV HEADEND EQUIPMENT.
M	CCTV MONITOR.
	CCTV CAMERA/ENCLOSURE WITH LENS, TYPICAL. SEE SCHEDULE.
PTZ	CCTV CAMERA WITH PAN, TILT AND ZOOM.
	PANNING CAMERA TRANSVERSE ANGLE.
SECURITY	
	SECURITY CABLE. SEE EQUIPMENT SCHEDULE FOR CABLE TYPE.
ACC	ACCESS CONTROL HEADEND EQUIPMENT.
CTR	SECURITY CONTROL PANEL.
SEC	INTRUSION DETECTION HEADEND EQUIPMENT.
#1	CARD ACCESS DOOR TYPE #1 OR AS NOTED. SEE SCHEDULE.
CR	CARD READER.
KCR	KEYPAD/CARD READER COMBINATION.
	DOOR SWITCH, BALANCED MAGNETIC CONTROL.
	EXIT REQUEST.
RL	REMOTE DOOR RELEASE BUTTON.
	BELL.
	BUZZER.
	BUZZER, COMBINATION BELL.
	SENSOR, BURIED VEHICULAR.
	SENSOR, GLASS BREAK.
	SENSOR, VOLUMETRIC.
CA	CONTROLLED ACCESS POINT.
IC	INTERCOM STATION.
IRU	DUAL TECHNOLOGY PASSIVE INFRARED SENSOR AND ULTRASONIC MOTION DETECTOR.
IR	PASSIVE INFRARED SENSOR.
P	PANIC DURESS SWITCH.
U	ULTRASONIC MOTION DETECTOR.
AP	ANNUNCIATOR PANEL.
MSI	MASTER STATION, INTERCOM.
TV DISTRIBUTION	
	TV DISTRIBUTION CABLE, INDIVIDUAL DROPS.
	TV DISTRIBUTION CABLE, TRUNK.
CMB	COMBINER.
DC	DIRECTIONAL COUPLER.
DA	DISTRIBUTION AMPLIFIER (ONE-LINE DIAGRAM).
SPL	SPLITTER (ONE-LINE DIAGRAM).
	TV OUTLET.
	SATELLITE ANTENNA.
	TV ANTENNA (ONE-LINE DIAGRAM).
W	TERMINATOR, 75 OHM (TV DISTRIBUTION).
	HDMI RECEPTACLE WITH SINGLE GANG BACKBOX AND 1.25" CONDUIT STURBED TO ACCESSIBLE CEILING. PROVIDE 2:1 HDMI CABLE BETWEEN HDMI RECEPTACLES. "X" INDICATES QUANTITY OF HDMI PORTS WHEN GREATER THAN 1.

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LAYTON HOSPITAL
MISC PROJECTS

KEY PLAN

REVISION:
NO. DESCRIPTION DATE

HKS PROJECT NUMBER
26404.000
DATE
08/15/24
ISSUE
CONSTRUCTION DRAWINGS
SHEET TITLE
SYMBOLS LEGEND

SHEET NO.

EE002

CATEGORY INSERT COLOR SCHEDULE	
INSERT COLOR	TYPE/ APPLICATION
BLACK	TV COAX
BLUE	ANALOG PHONE
BLUE	DATA
BLUE	SECURITY CAMERAS
GRAY	SECURITY CARD READERS
ORANGE	CLINICAL ENGINEERING / NURSE CALL
RED	FIRE SYSTEMS
RED	FORESEER
WHITE	PUBLIC ADDRESS
YELLOW	WIRELESS
GREEN	VENDOR NETWORK

COPPER PATCH CORD SCHEDULE			
(CATEGORY 6A F/UTP CABLES W/RJ-45 CONNECTORS)			
LENGTH (FEET)	COLOR	QUANTITY	UNIT COST (EACH)
5'	BLUE	20% OF TOTAL PORTS IN TDR'S	-
7'	BLUE	60% OF TOTAL PORTS IN TDR'S	-
10'	BLUE	20% OF TOTAL PORTS IN TDR'S	-

COPPER PATCH CORD SCHEDULE			
(CATEGORY 5E CABLES W/RJ-45 CONNECTORS)			
LENGTH (FEET)	COLOR	QUANTITY	UNIT COST (EACH)
5'	BLUE	15	-
7'	BLUE	15	-
10'	BLUE	15	-

FIBER PATCH CORD SCHEDULE			
(SINGLE-MODE W/LC CONNECTORS)			
LENGTH (METER)	COLOR	QUANTITY	UNIT COST (EACH)
3	YELLOW	-	-
5	YELLOW	-	-

WIRELESS PATCH CORD PATCH CORD SCHEDULE			
(CATEGORY 6A F/UTP W RJ/45 CONNECTORS)			
LENGTH (METER)	COLOR	QUANTITY	UNIT COST (EACH)
7'	YELLOW	100% OF TOTAL PORTS IN TDR'S	-

CLINICAL ENGINEERING PATCH CORD SCHEDULE			
(CATEGORY 6A F/UTP W RJ/45 CONNECTORS)			
LENGTH (METER)	COLOR	QUANTITY	UNIT COST (EACH)
5'	ORANGE	70% OF TOTAL PORTS IN TDR'S	-
7'	ORANGE	30% OF TOTAL PORTS IN TDR'S	-

EQUIPMENT/CABLE LIST		
THE ITEMS INDICATED BELOW SHALL NOT BE CONSTRUED AS A "BILL OF MATERIALS". THIS LIST IDENTIFIES ITEMS OF SIGNIFICANCE USED DURING THE DESIGN OF THE CABLING INSTALLATION. WHERE THE ITEMS INDICATED ARE ONE PORTION OF AN ASSEMBLY, THE ENTIRE ASSEMBLY SHALL BE PROVIDED UNLESS OTHERWISE SPECIFIED. PROVIDE ALL MISCELLANEOUS HARDWARE AND SUPPORTS, WHICH MAY NOT BE LISTED HERE, FOR A COMPLETE INSTALLATION. COMPARE CATALOG NUMBERS WITH DESCRIPTIONS AND NOTIFY ENGINEER OF DISCREPANCIES PRIOR TO BID. IF CATALOG NUMBERS DO NOT MATCH DESCRIPTIONS, THE DESCRIPTIONS TAKE PRECEDENCE. PROVIDE COMPLETE SUBMITTAL FOR APPROVAL PRIOR TO PURCHASING ANY EQUIPMENT OR CABLE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.		
SYMBOL	ITEM DESCRIPTION	ACCEPTABLE TYPES
	STATION CABLE, DATA - CATEGORY 6A F/UTP PLENUM RATED, BLUE, DATA	SIEMON 9A6PLA5-08-R1A
	STATION CABLE, DATA - CATEGORY 6A F/UTP, PLENUM RATED, YELLOW, WIRELESS DATA	SIEMON 9A6P4-A5-05-R1A
	STATION CABLE, DATA - CATEGORY 6A F/UTP, PLENUM RATED, ORANGE, CLINICAL ENGINEERING	SIEMON 9A6P4-A5-09-R1A
	STATION CABLE, DATA - CATEGORY 6 UTP, PLENUM RATED, ORANGE, NURSE CALL	SIEMON 9C6P4-E3-09-RXA
	VOICE OUTLET, SINGLE GANG FACEPLATE, WHITE W/WALL HUNG PHONE MOUNTING STUDS, ONE POSITION W/ CATEGORY 6A INSERT	SIEMON MX-WP-26AS-SS
▽	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
▽	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	BLANK INSERT, WHITE	SIEMON MX-BL-02
▽	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
▽	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	BLANK INSERT, WHITE	SIEMON MX-BL-02
▽	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
▽	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	BLANK INSERT, WHITE	SIEMON MX-BL-02
4 4C	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
4 4C	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
4 4C	DATA OUTLET, DOUBLE GANG FACEPLATE, WHITE, 6 POSITION	SIEMON 10GMX-FP006-02
4 4C	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
(C=)	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 2 POSITION (C=CEILING MOUNTED BOX)	SIEMON MX-SM22-02
(C=)	CATEGORY 6A JACK - DATA, YELLOW	SIEMON Z6A-S05
M C-M	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION (C=CEILING MOUNTED FACEPLATE)	SIEMON 10GMX-FPS04-02
M C-M	CATEGORY 6A JACK - CLINICAL ENGINEERING, ORANGE	SIEMON Z6A-S09
M C-M	BLANK INSERT, WHITE	SIEMON MX-BL-02
M C-M	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION (C=CEILING MOUNTED FACEPLATE)	SIEMON 10GMX-FPS04-02
M C-M	CATEGORY 6A JACK - CLINICAL ENGINEERING, ORANGE	SIEMON Z6A-S09
M C-M	BLANK INSERT, WHITE	SIEMON MX-BL-02
C	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 1 POSITION	SIEMON MX-SM21-02
C	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	DATA OUTLET, SURFACE MOUNT BOX, WHITE, 1 POSITION	SIEMON MX-SM21-02
	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	BLANK FILLER PANEL, 1RU ANGLED	SIEMON PNL-BLWKA-1
SPPT1	48 PORT, 1RU ANGLED PATCH PANEL, WITH OUTLETS - DETACHABLE REAR MNG	SIEMON Z6AS-PA-48
CEPP1	48 PORT, 1RU ANGLED PATCH PANEL, WITH OUTLETS - DETACHABLE REAR MNG	SIEMON Z6AS-PA-48
	PATCH CABLE, CAT 6A SHIELDED, BLUE, 5 FOOT	SIEMON ZM6A-S05-06
	PATCH CABLE, CAT 6A SHIELDED, BLUE, 7 FOOT	SIEMON ZM6A-S07-06
	PATCH CABLE, CAT 6A SHIELDED, BLUE, 10 FOOT	SIEMON ZM6A-S10-06
	PATCH CABLE, CAT 6A SHIELDED, YELLOW, 5 FOOT	SIEMON ZM6A-S05-05
	PATCH CABLE, CAT 6A SHIELDED, YELLOW, 7 FOOT	SIEMON ZM6A-S07-05
	PATCH CABLE, CAT 6A SHIELDED, YELLOW, 10 FOOT	SIEMON ZM6A-S10-05
	PATCH CABLE, CAT 6A SHIELDED, ORANGE, 5 FOOT	SIEMON ZM6A-S05-09
	PATCH CABLE, CAT 6A SHIELDED, ORANGE, 7 FOOT	SIEMON ZM6A-S07-09
	PATCH CABLE, CAT 6, ORANGE, 5 FOOT - NURSE CALL ONLY	SIEMON ZM6-S05-09
	PATCH CABLE, CAT 6, ORANGE, 7 FOOT - NURSE CALL ONLY	SIEMON ZM6-S07-09
	PATCH CABLE, CAT 6, ORANGE, 10 FOOT - NURSE CALL ONLY	SIEMON ZM6-S10-09

NOTE: ALL RACKS, LADDER, PATCH PANELS AND ACCESSORIES SHALL BE BLACK IN COLOR.

GENERAL SHEET NOTES
1. UNLESS OTHERWISE NOTED, INSTALL ALL CABLE INSIDE RACEWAY SYSTEMS. WHERE RACEWAY SYSTEMS HAVE NOT BEEN PROVIDED OR SPECIFIED, INSTALL CABLE THROUGH THE SPECIFIED "CADDY" CLIPS AT THE MINIMUM INTERVALS IDENTIFIED IN THE SPECIFICATIONS. SUPPORT "CADDY" CLIPS DIRECTLY FROM THE BUILDING STRUCTURE, NOT FROM OTHER BUILDING SYSTEM SUPPORT WIRES OR CABLE.
2. PROVIDE PLENUM RATED CABLE IN ALL AIR PLENUMS. IF A PLENUM RATED CABLE IS NOT SPECIFIED, PROVIDE THE PLENUM RATED EQUIVALENT TO THE SPECIFIED CABLE.
3. LABEL ALL CABLE INSTALLED UNDER THIS CONTRACT REGARDLESS OF LENGTH.
4. THE EQUIPMENT LABELING IDENTIFIED ON DETAILS IN THESE DRAWINGS ARE EXAMPLES ONLY OF THE ACTUAL LABELING, WHICH IS REQUIRED AS PART OF THIS CONTRACT. PRIOR TO FABRICATION, SUBMIT THE NOMENCLATURE FOR ALL LABELS TO THE OWNER FOR REVIEW. THIS REQUIREMENT INCLUDES, BUT IS NOT LIMITED TO, ALL CABLE LABELING AND ALL EQUIPMENT LABELING.
5. IF OUTLET IS TERMINATED IN CEILING SPACE, LABEL THE T-BAR GRID WITH THE OUTLET NUMBER FOR EASY LOCATION AND IDENTIFICATION.
6. GROUND ALL EQUIPMENT RACKS INSTALLED UNDER THIS CONTRACT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS.
7. FOR EVERY FUL SPECIFIED, COIL 15 FEET OF EXCESS CABLE AT THE STATION END FOR FUTURE USE. NEATLY COIL 15 FEET ABOVE THE CEILING OR BELOW THE FLOOR, WHERE APPLICABLE.
8. PROVIDE THE QUANTITY OF PATCH PANELS REQUIRED +20% FOR THE TOTAL DATA OUTLETS SHOWN ON FLOOR PLANS FOR THE PARTICULAR LEVEL.
9. RACK SPACE ALLOCATION SHOULD BE FOLLOWED PER DRAWINGS. IF THERE IS A SYSTEM THAT HAS NO RACK SPACE AVAILABLE, PLEASE CALL BOE SAUSED0 AT 801-707-3805.
10. COORDINATE WITH ALL SUB-CONTRACTORS TO ENSURE THAT ALL CABLES ARE PROTECTED FROM ANY DIRECT PAINT OR INCIDENTAL OVERSPRAY.
11. CONTRACTOR TO PROVIDE FIRE-RATED SLEEVES THROUGH 1-HOUR RATED WALLS AND HIGHER. NUMBER OF SLEEVES TO BE DETERMINED AND CALCULATED BY MAXIMUM CABLE TRAY CAPACITY AT WALL PENETRATION. FINAL QUANTITY OF SLEEVES TO BE DETERMINED BY CONTRACTOR.
12. CONTRACTOR TO PROVIDE SMOKE AND ACOUSTICAL-RATED SLEEVES THROUGH SMOKE WALLS AND ALL OTHER NON-RATED PENETRATIONS. (2) 4" SLEEVES PER ROOM FOR CABLE CAPACITY AND SERVICE SEPARATION. FINAL QUANTITY OF SLEEVES TO BE DETERMINED BY CONTRACTOR.
13. CONTRACTOR TO PROVIDE FIRE-RATED SLEEVES THROUGH 1-HOUR RATED WALLS AND HIGHER. (1) SLEEVE PER J-HOOK PATHWAY FOR CABLE CAPACITY AND SERVICE SEPARATION.
14. CONTRACTOR TO PROVIDE SMOKE AND ACOUSTICAL-RATED SLEEVES THROUGH SMOKE WALLS AND ALL OTHER NON-RATED PENETRATIONS. (1) SLEEVE PER J-HOOK PATHWAY FOR CABLE CAPACITY AND SERVICE SEPARATION.
15. THE USE OF ZIP-TIES IS NOT ALLOWED TO BUNDLE CABLES (LACE OR TRAIN) IN LADDER RACK, CABLE TRAY, OR TO FINAL TERMINATION POINT. CONTRACTOR SHOULD UTILIZE "HOOK AND LOOP" FOR BUNDLING OF ALL CABLES.
16. THE USE OF ZIP-TIES IS NOT ALLOWED FOR THE SUPPORT OF CABLE, OR THE ATTACHMENT OF CABLES IN ANY CEILING SPACE. THE USE OF J-HOOKS IS REQUIRED FOR NON-CONTINUOUS PATHWAYS IN CEILINGS. CONTRACTORS SHOULD UTILIZE "HOOK AND LOOP" FOR BUNDLING OF ALL CABLES.

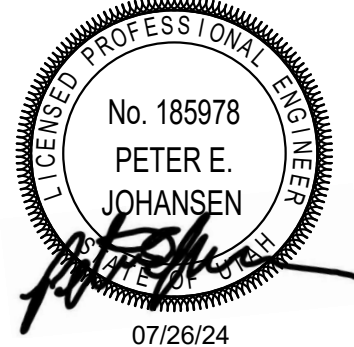
ARCHITECT
HKS ARCHITECTS, INC.
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No. 185978
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07/26/24



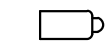
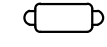



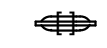
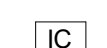

LAYTON HOSPITAL
MISC PROJECTS

KEY PLAN

REVISION	NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER
26404.000
DATE
08/15/24
ISSUE
CONSTRUCTION
DRAWINGS
SHEET TITLE
TELECOM
SCHEDULES AND
NOTES
SHEET NO.

EE003

SYMBOL SCHEDULE			
SYMBOL	DESCRIPTION	ROUGH-IN REQUIREMENTS	NOTES
	ACCESS CONTROL SYSTEM HEAD END	SEE EY651	
	CARD READER	4SQ J-BOX W/ SINGLE GANG MUD RING AT 40" AFF; SEE EY651	
	SURVEILLANCE CAMERA	SEE CAMERA SCHEDULE EE004	SEE EP SHEETS FOR CABLING
	DUAL-IMAGER CAMERA	SEE CAMERA SCHEDULE EE004	SEE EP SHEETS FOR CABLING
	PANAORAMIC 360/180 CAMERA	SEE CAMERA SCHEDULE EE004	SEE EP SHEETS FOR CABLING
	DOOR LOCK TYPE [M] - MAG LOCK [L] - LEVER SET LOCK [NO LETTER] - GENERIC LOCK [T] - ELECTRIC TRANSFER HINGE [S] - ELECTRIC STRIKE LOCK [C] - CRASH BAR LOCK [O] - OPERATOR LOCK	SEE DOOR ROUGH IN DETAIL EY551	
	DOOR CONTACT INDICATOR	SEE DOOR ROUGH IN DETAIL EY551	
	REQUEST TO EXIT DEVICE [M] - MOTION REX [L] - LEVER SET REX [NO LETTER] - GENERIC REX [C] - CRASH BAR REX [D] - DELAYED EGRESS REX	SEE DOOR ROUGH IN DETAIL EY551	
	INTERCOM STATION	4SQ J-BOX, 1" CONDUIT, COORDINATE LOCATION WITH OWNER	SEE EP SHEETS FOR CABLING
	RELEASE FOR MAG LOCK	COORDINATE ROUGH IN BOX WITH LOCATION. 3/4" CONDUIT	

SECURITY CAMERA SCHEDULE									
NOTES: * CAMERA HAS CAPABILITY OF AUDIO OR NO AUDIO					GENERAL NOTES: 1. ELECTRICAL CONTRACTOR SHALL REVIEW OTHER DIVISION DRAWINGS FOR ANY ADDITIONAL REQUIREMENTS PRIOR TO BID. 2. ELECTRICAL CONTRACTOR SHALL REVIEW OTHER DIVISION SUBMITTALS FOR ANY EQUIPMENT REQUIRING CONNECTION BY ELECTRICAL CONTRACTOR AND COORDINATE ALL REQUIREMENTS PRIOR TO ROUGH-IN.				
ID	DESCRIPTION	IR	WDR	AUDIO	VANDAL	LOCATION	IP RATING	MANUFACTURER (SERIES)	NOTES
DC	TYPE: 2 MP DUAL IMAGER MOUNTING: CEILING FOCAL LENGTH: 3.6mm RESOLUTION: 2X 1920x1080 FRAME RATE: 25/30 OPTIONS: NONE	YES	YES	NO*	IK10	INDOOR/OUTDOOR	IP67	AXIS - P4705 - PLVE	
FC	TYPE: 6 MP PANORAMIC MOUNTING: CEILING FOCAL LENGTH: 1.56mm RESOLUTION: 2016 X 2016* FRAME RATE: 25/30 OPTIONS: NONE	YES	YES	YES*	IK10	INDOOR/OUTDOOR	IP66	AXIS - P3077 - PLVE	
XCI	TYPE: 4 MP FIXED MOUNTING: CEILING FOCAL LENGTH: 2.4mm RESOLUTION: 2880 x 1512 FRAME RATE: 25/30 OPTIONS: NONE	NO	YES	NO*	IK08	INDOOR	IP42	AXIS - M3086 - V	

GENERAL PROJECT NOTES	
1.	PROVIDE PLENUM RATED CABLE FOR ALL SPECIFIED CABLE.
2.	LABEL ALL CABLE INSTALLED UNDER THIS CONTRACT REGARDLESS OF LENGTH. ACCORDING TO WRITTEN SPECIFICATION.
3.	THE EQUIPMENT LABELING IDENTIFIED ON DETAILS IN THESE DRAWINGS ARE EXAMPLES ONLY OF THE ACTUAL LABELING WHICH IS REQUIRED AS PART OF THIS CONTRACT. PRIOR TO FABRICATION, SUBMIT THE NOMENCLATURE FOR ALL LABELS TO THE OWNER FOR REVIEW. THIS REQUIREMENT INCLUDES BUT IS NOT LIMITED TO ALL CABLE LABELING, AND ALL EQUIPMENT LABELING.
4.	COORDINATE WITH ALL SUBS TO ENSURE THAT ALL CABLE SHALL BE PROTECTED FROM ANY DIRECT PAINT OR INCIDENTAL OVERSPRAY.
5.	CONTRACTOR SHALL REVIEW ALL DOOR HARDWARE ROUGH-IN INFORMATION AGAINST THE DOOR HARDWARE SPECIFICATION AND DOOR HARDWARE SCHEDULE TO VERIFY DOOR ROUGH-IN PRIOR TO CONSTRUCTION
6.	AIM CAMERAS, BACK FOCUS AND DEMONSTRATE VIEW TO OWNERS SATISFACTION, RE- AIM AND FOCUS AS REQUESTED BY OWNER.

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08/15/24
ISSUE
CONSTRUCTION DRAWINGS
SHEET TITLE
AUXILIARY SCHEDULES AND NOTES
SHEET NO.

EE004

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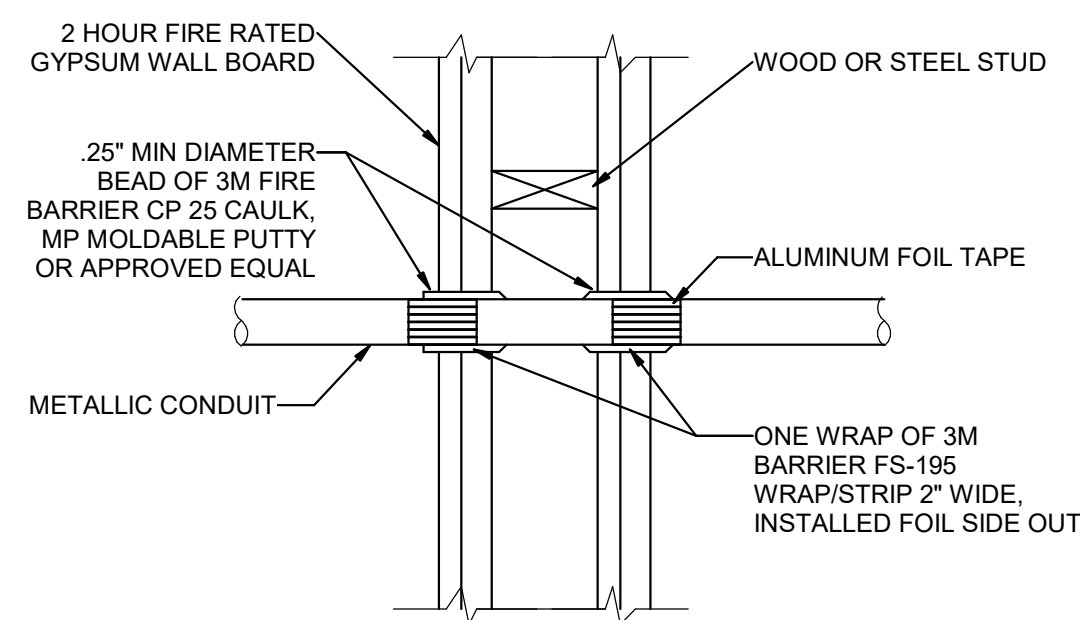
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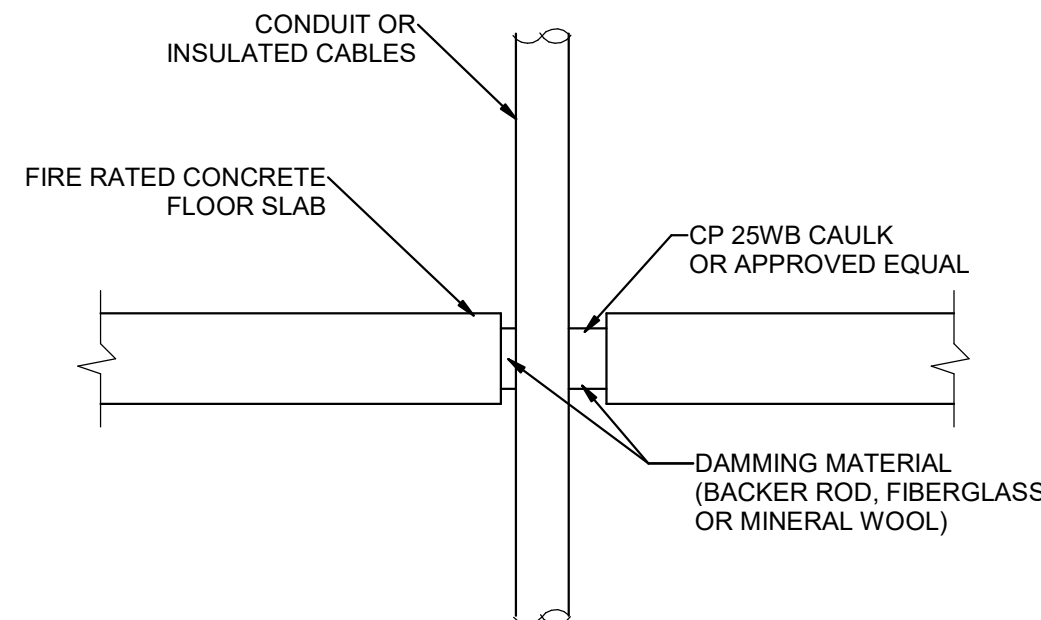
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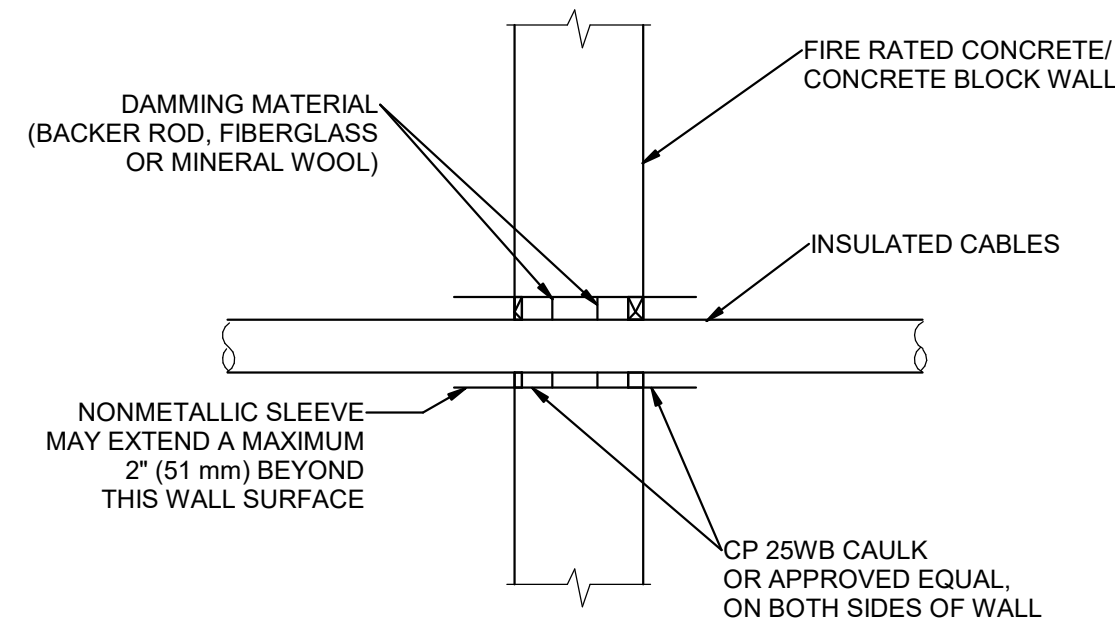
LAYTON HOSPITAL MISC PROJECTS



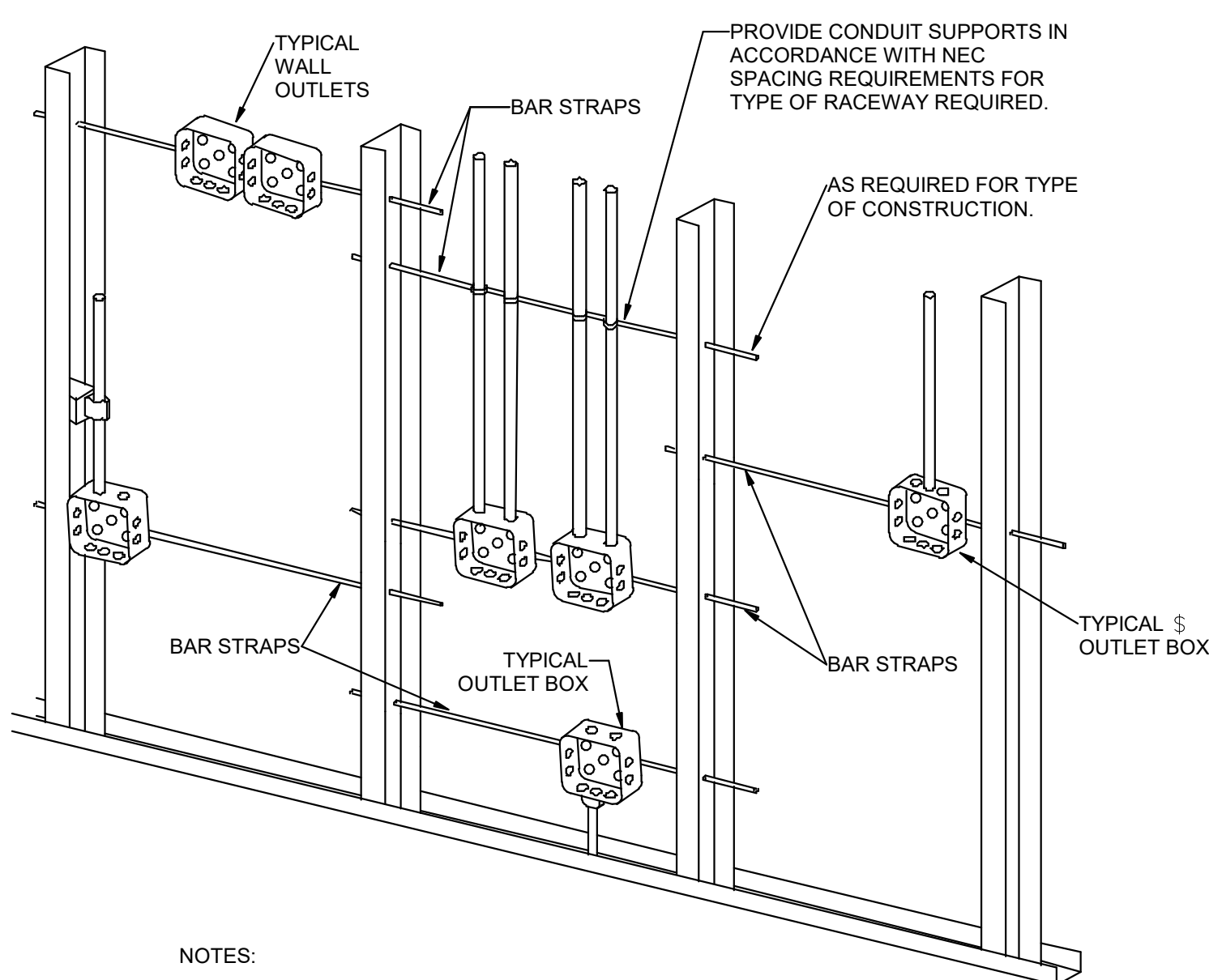
5 FIRE STOP FOR METAL CONDUIT THROUGH GYPSUM WALL BOARD
SCALE: NTS



6 TYPICAL FIRE STOP FOR CABLES/CONDUIT THROUGH CONCRETE FLOORING
SCALE: NTS



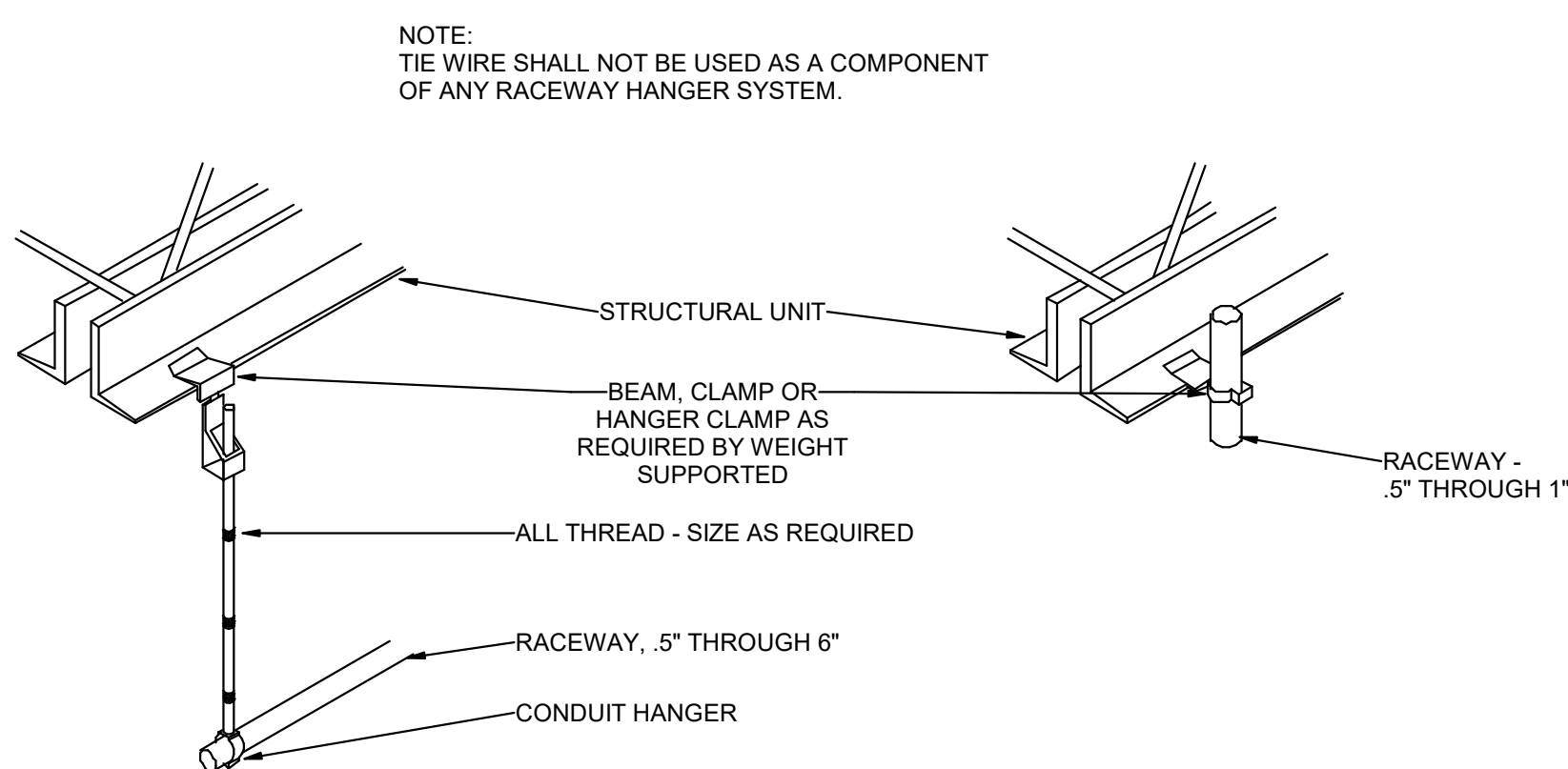
7 TYPICAL FIRE STOP FOR CABLES/CONDUIT THROUGH CONCRETE WALLS
SCALE: NTS



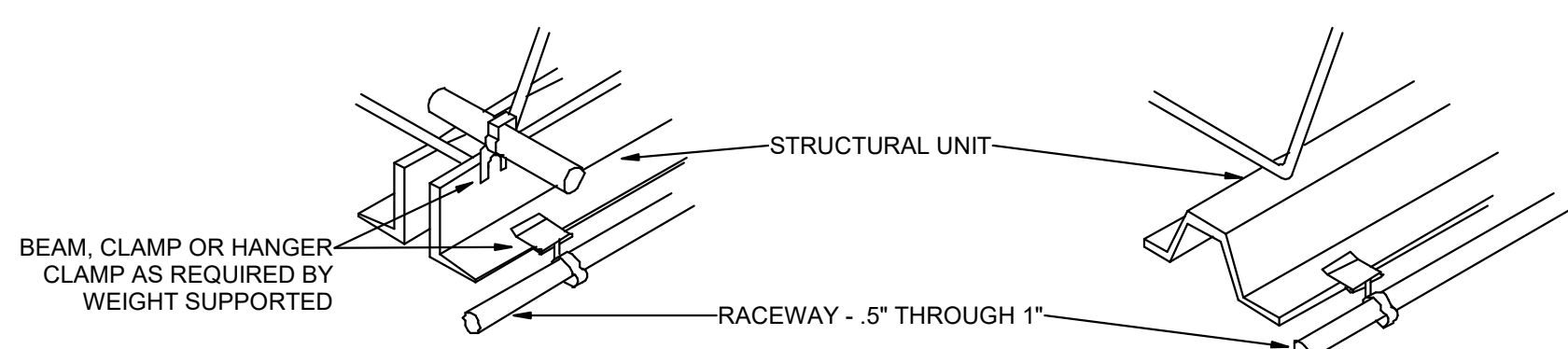
NOTES:

1. TYPICAL FOR WOOD AND METAL STUD ROUGH-IN.
2. PLASTER RINGS NOT SHOWN.
3. LOCATE ALL OUTLET BOXES IN ACCORDANCE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND WITH ALL APPLICABLE SHOP DRAWINGS.
4. IN ACCORDANCE WITH IBC 714.3.2 EXCEPTION 1, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS IN THE SAME STUD SPACE IN A RATED FIRE SEPARATION WALL MUST BE SEPARATED BY A MINIMUM OF 24" HORIZONTAL DISTANCE OR LISTED SOUND AND FIRE RATED PUTTY PADS SHALL BE USED ON THE OUTLET BOXES.
5. IN NON-RATED WALLS, OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS MUST BE SEPARATED BY 16" FOR SOUND ATTENUATION.

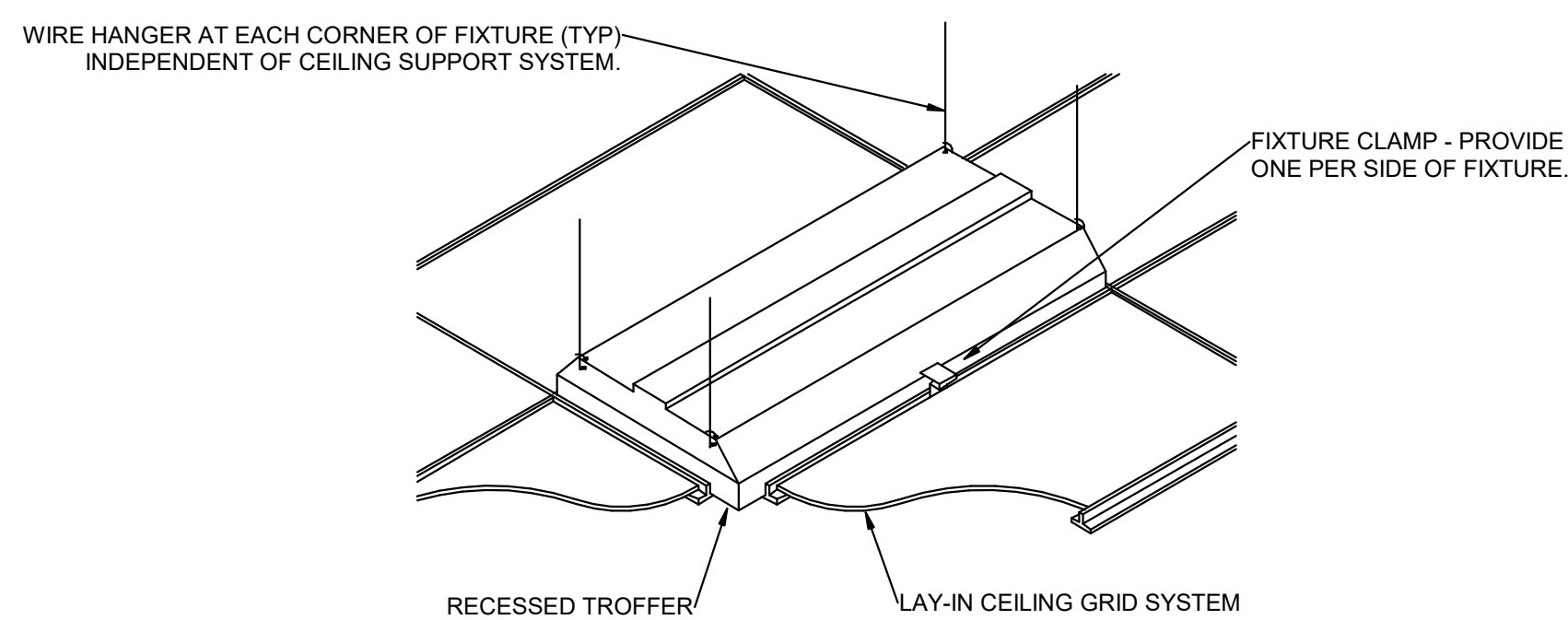
1 TYPICAL ROUGH-IN REQUIREMENTS DETAIL
SCALE: NTS



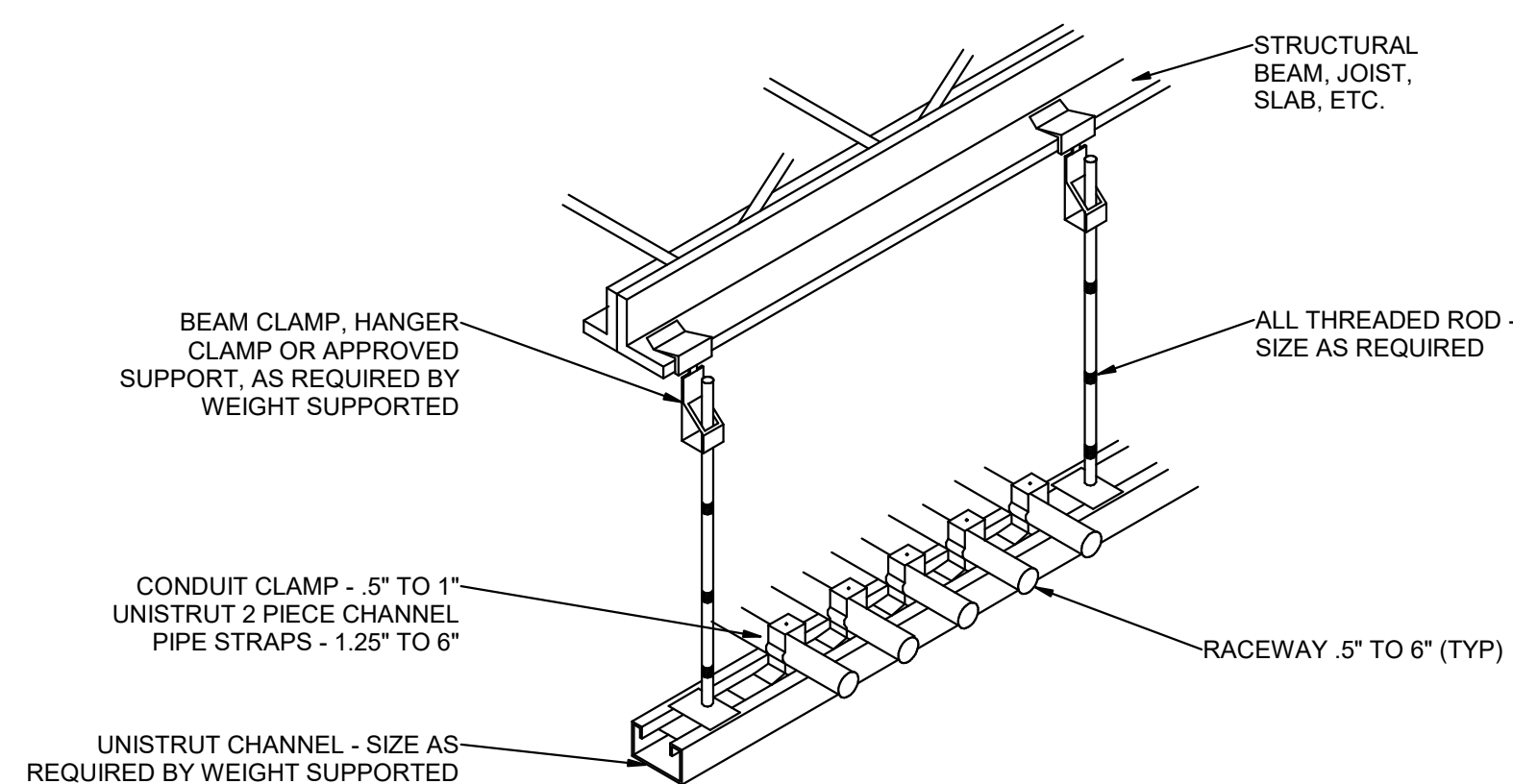
NOTE:
TIE WIRE SHALL NOT BE USED AS A COMPONENT
OF ANY RACEWAY HANGER SYSTEM.



2 TYPICAL RACEWAY SUPPORT METHODS DETAIL
SCALE: NTS



4 RECESSED FIXTURE MOUNTING DETAIL
SCALE: NTS



3 TYPICAL CONDUIT RACK DETAIL
SCALE: NTS

KEY PLAN

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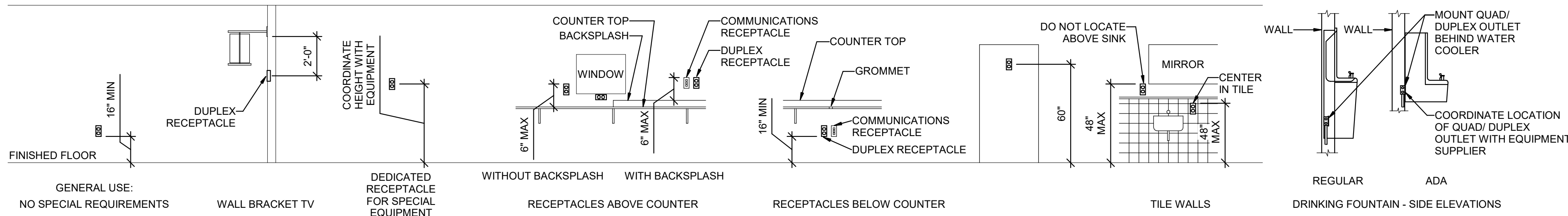
08/15/24

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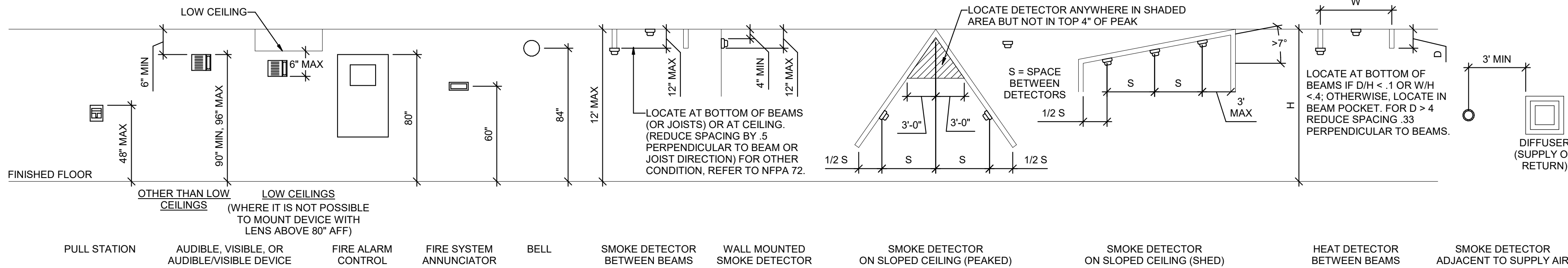
**CONSTRUCTION
DRAWINGS**
SHEET TITLE
**ELECTRICAL
DETAILS**

SHEET NO.

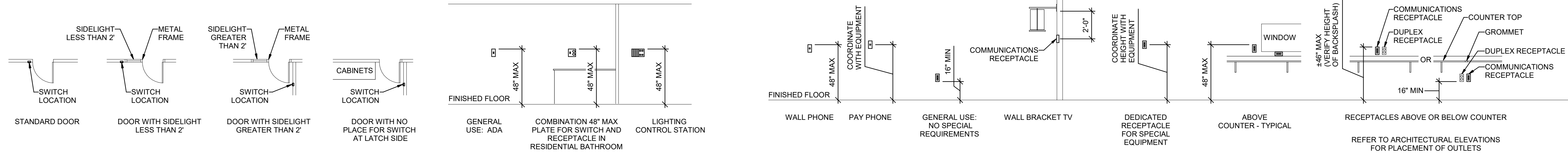
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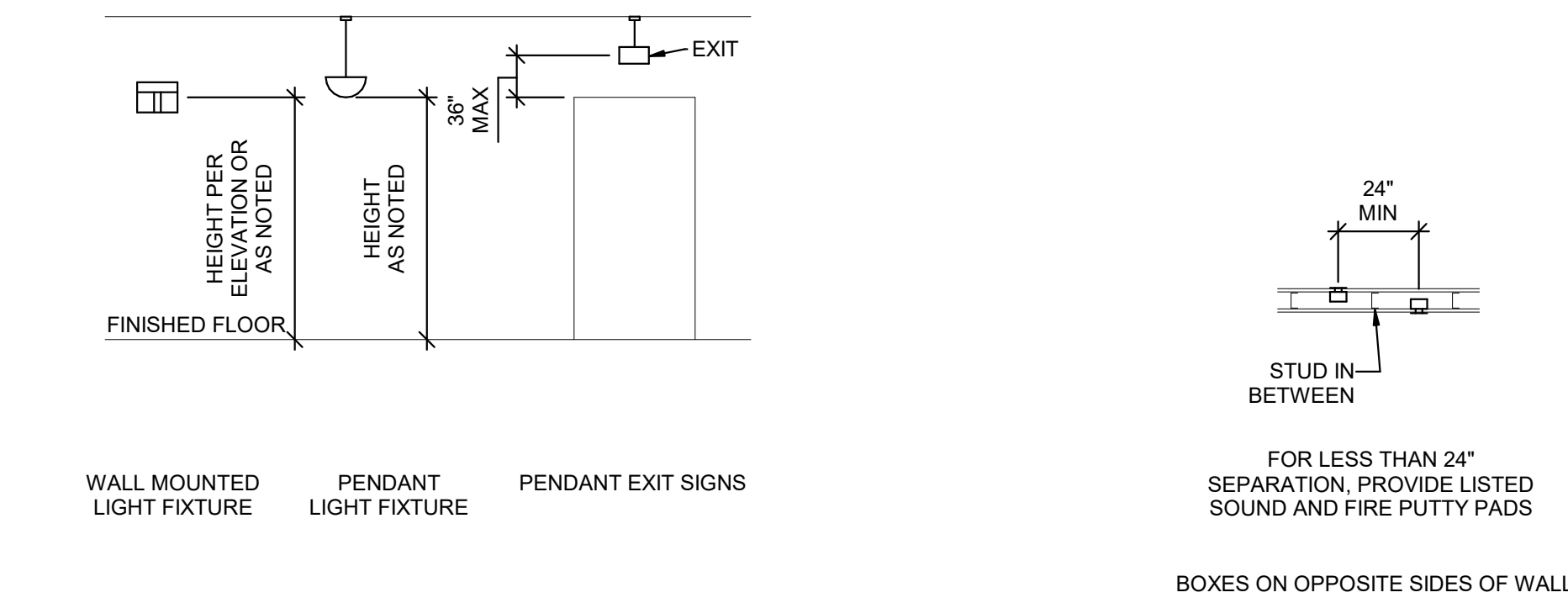
E2 RECEPTACLE MOUNTING DETAILS
SCALE: NTS



D2 FIRE ALARM MOUNTING DETAILS
SCALE: NTS



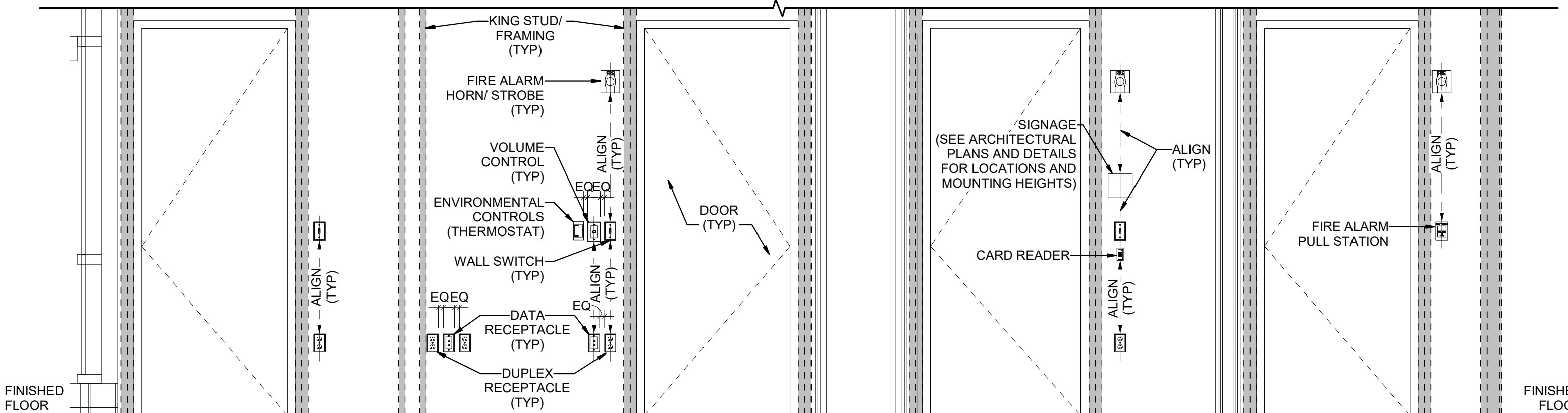
C2 SWITCH MOUNTING DETAILS
SCALE: NTS



B2 LIGHTING MOUNTING DETAILS
SCALE: NTS

B3 BOX MOUNTING DETAILS
SCALE: NTS

B4 TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL
SCALE: NTS



GENERAL SHEET NOTES

- MOUNTING HEIGHTS OF ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE FOLLOWING ORDER OF PRIORITY:
A - ELEVATIONS (ARCHITECTURAL, ELECTRICAL, MECHANICAL, ETC.)
B - EQUIPMENT SHOP DRAWINGS.
C - FIELD INSTRUCTIONS.
- LOCATE RECEPTACLES SERVING THE SAME TYPE OF USE AT A UNIFORM HEIGHT UNLESS DIRECTED OTHERWISE.
- MECHANICAL, ELECTRICAL, AND COMMUNICATION ROOMS: COORDINATE LOCATION OF LIGHTING AND POWER RECEPTACLES WITH EQUIPMENT, PIPING, AND DUCTWORK. DO NOT INSTALL RECEPTACLES BEHIND EQUIPMENT OR WHERE OTHERWISE INACCESSIBLE. POSITION LIGHTING REGARDLESS OF WHERE SHOWN ON DRAWING TO PROVIDE PROPER ILLUMINATION.
- MOUNT RECEPTACLE BOXES FOR SWITCHES AND RECEPTACLES WITH LONG AXIS OF THE DEVICE VERTICAL UNLESS OTHERWISE INDICATED.
- SET BOXES WITH PLASTER RINGS FLUSH WITH FINISHED SURFACE.
- LOCATE BOX COVERS OR DEVICE PLATES SO THEY WILL NOT SPAN DIFFERENT TYPES OF BUILDING FINISHES EITHER VERTICALLY OR HORIZONTALLY.
- VERIFY ALL DOOR CONDITIONS ON ARCHITECTURAL DRAWINGS PRIOR TO INSTALLING SWITCHES.
- LOCATE WIRING DEVICES WHICH ARE ADJACENT AND ARE COMPATIBLE VOLTAGES IN ONE PLATE.
- WHERE DEVICES ARE LOCATED IN CLOSE PROXIMITY OF THE SAME VERTICAL PLANE, ALIGN DEVICES VERTICALLY PER THE TYPICAL WALL MOUNTED DEVICES ALIGNMENT DETAIL, UNLESS OTHERWISE INDICATED.

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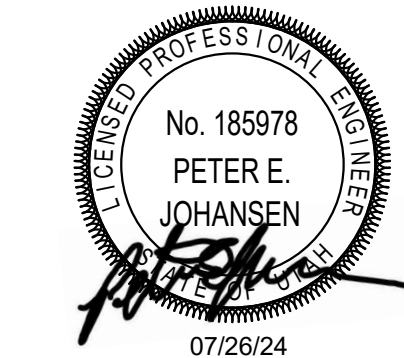
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LAYTON HOSPITAL
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KEY PLAN

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SHEET TITLE

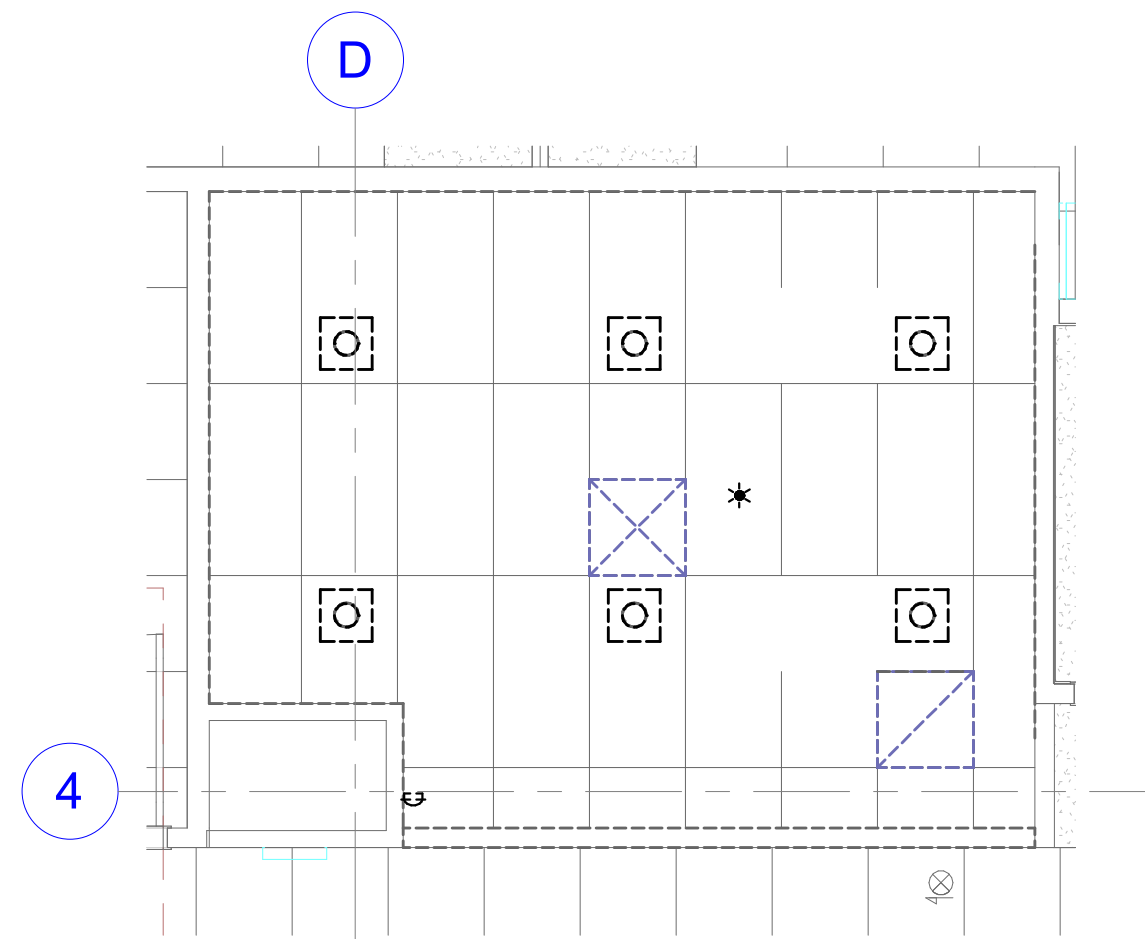
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MOUNTING

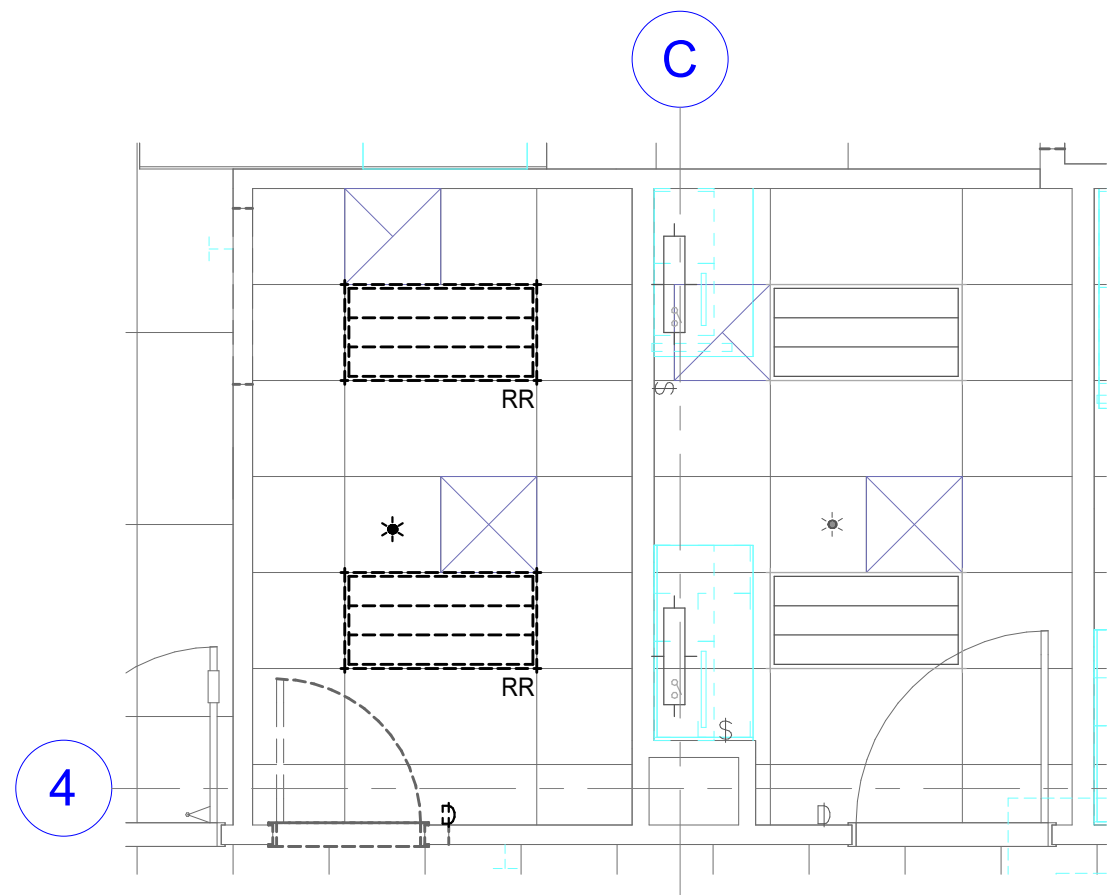
DETAILS

SHEET NO.

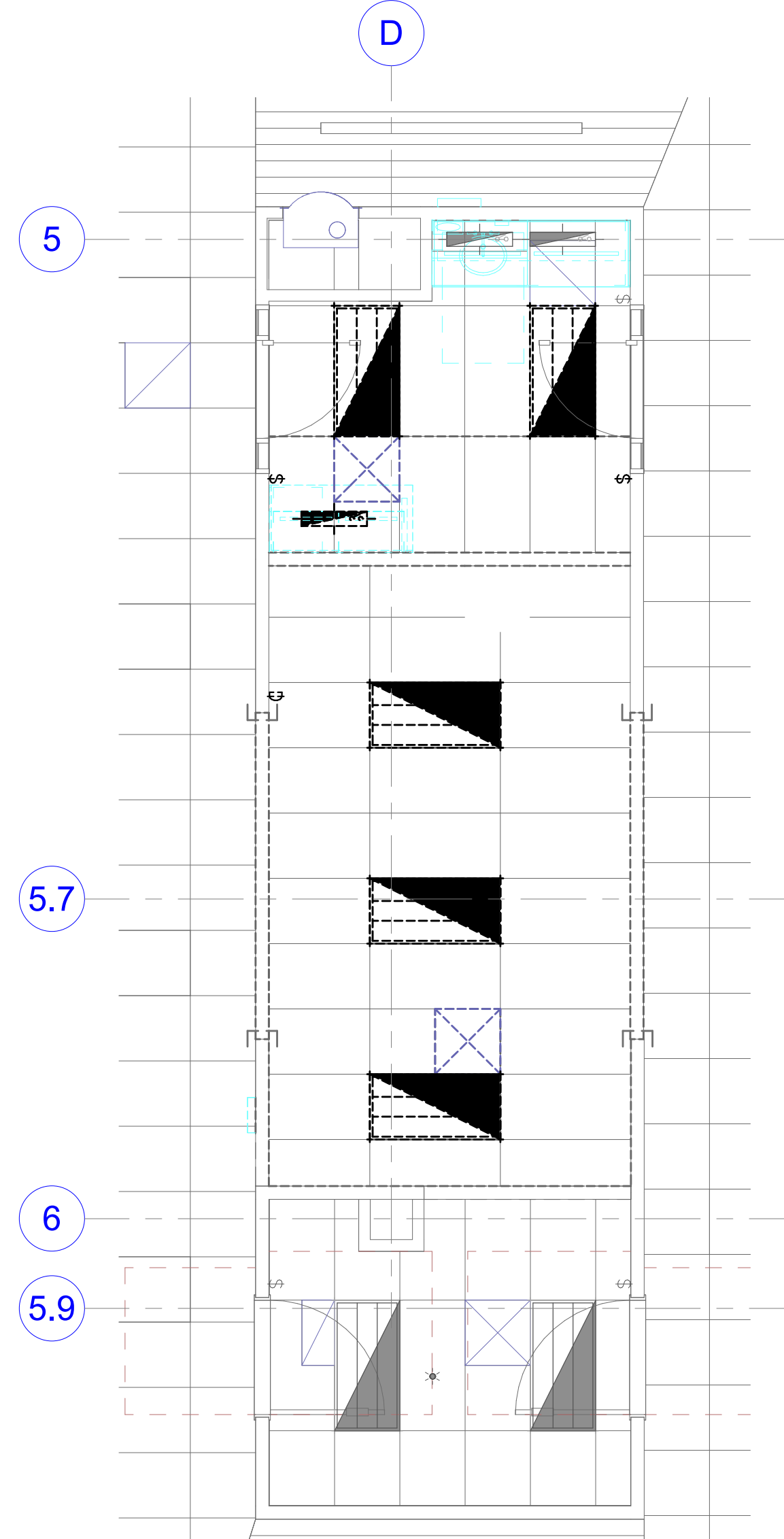
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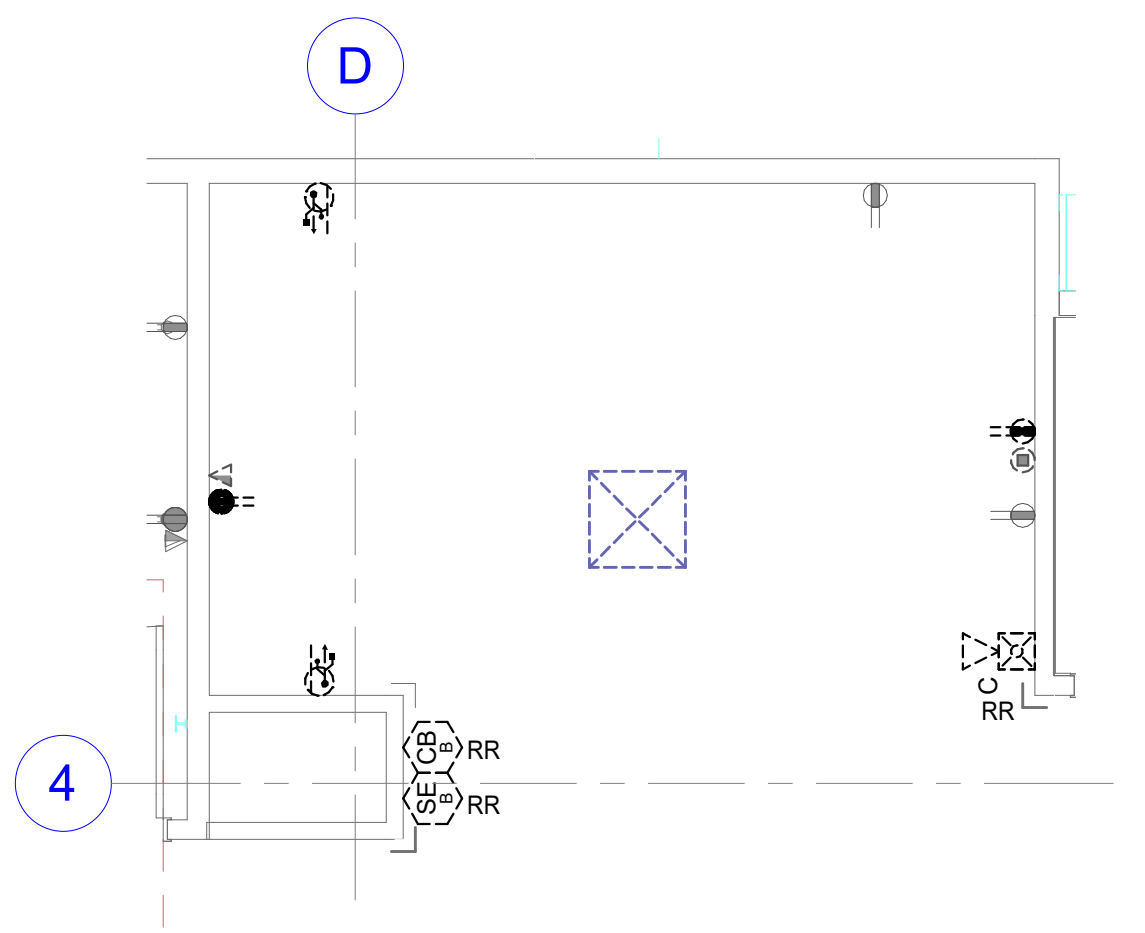
4 PHASE 1 LIGHTING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



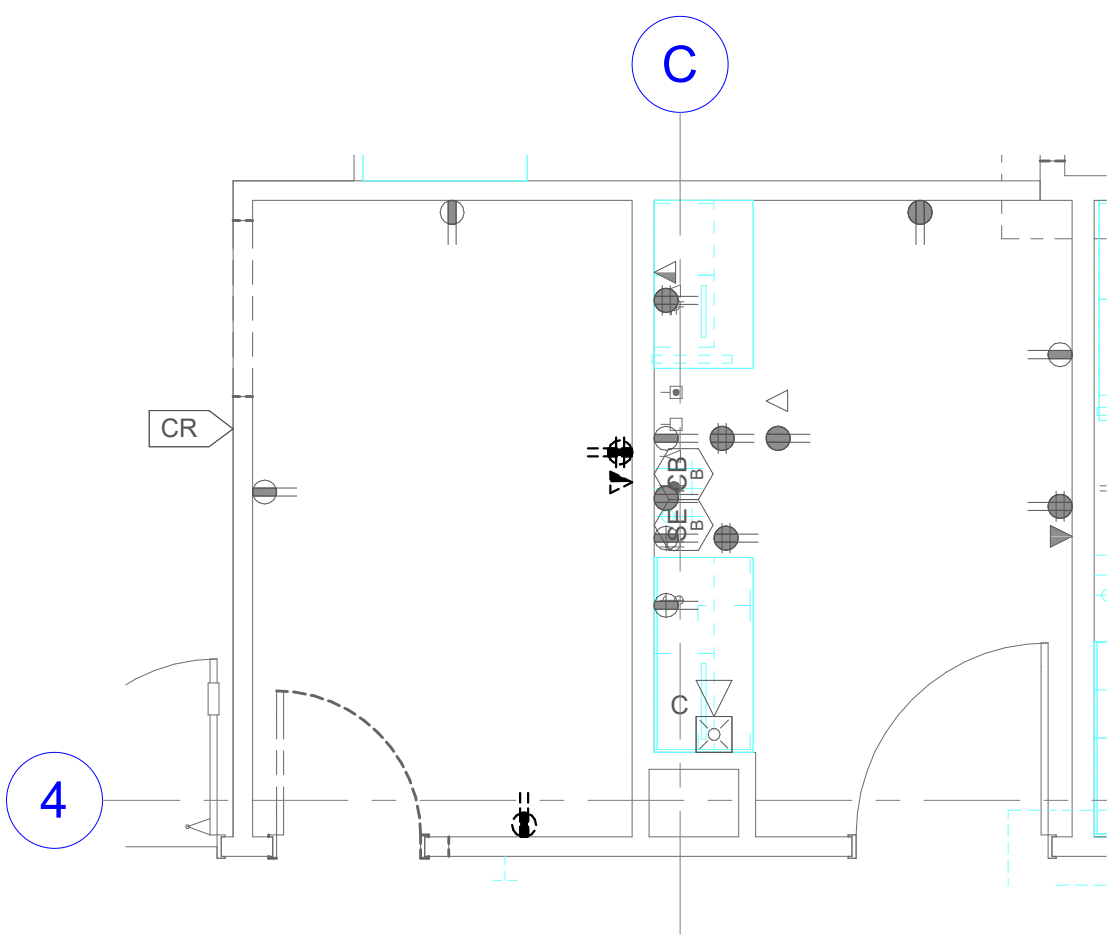
5 PHASE 2 LIGHTING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



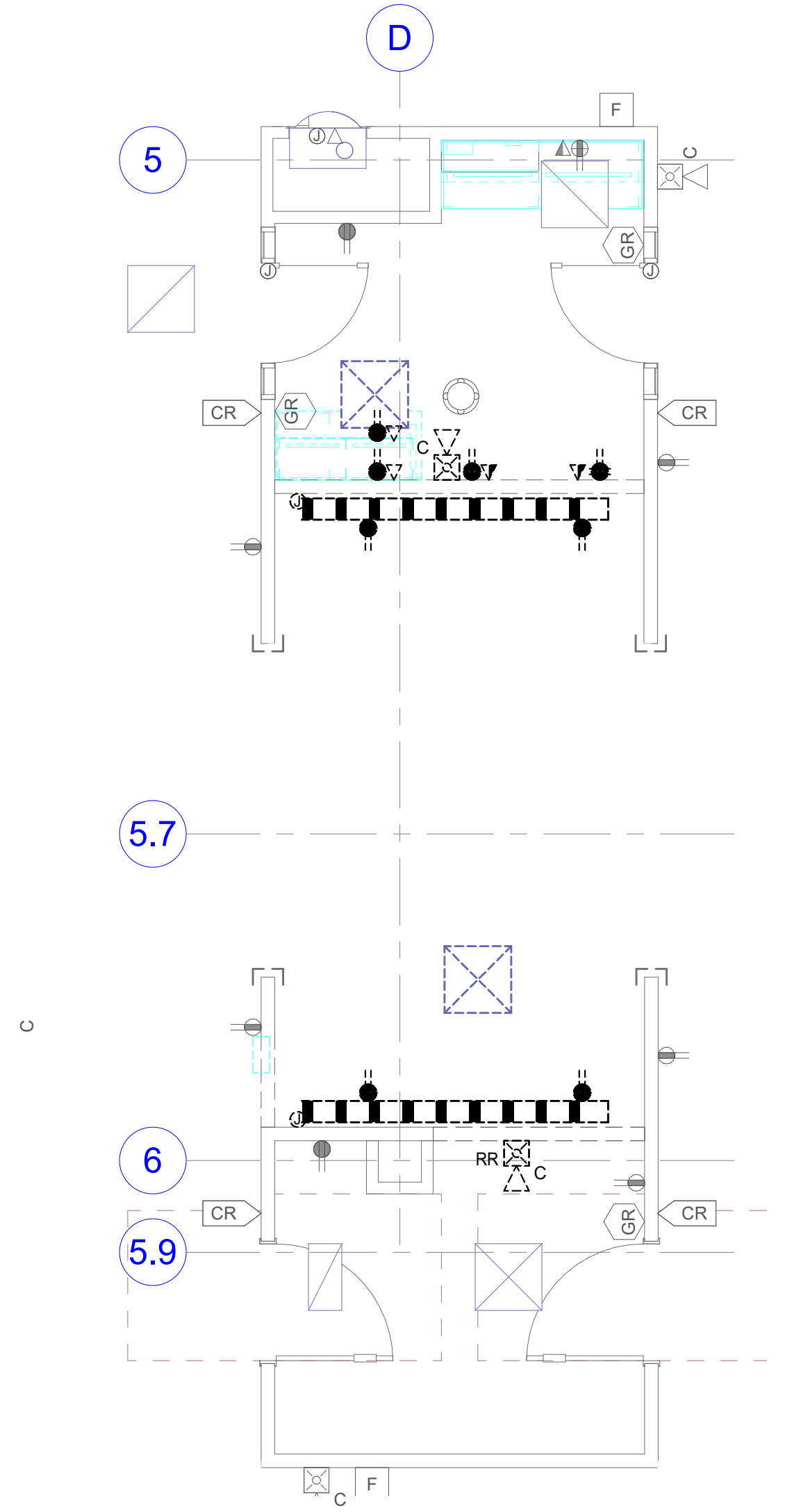
6 PHASE 3 LIGHTING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



1 PHASE 1 ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



2 PHASE 2 ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



3 PHASE 3 ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

- UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES DEVICES AND EQUIPMENT SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OF ORIGIN OR TO FIRST ACTIVE DEVICE THAT REMAINS.
- SALVAGE ALL LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALLPLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.
- PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.
- PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.
- REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, RE-ROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.
- REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.
- DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.
- REMOVE FEEDERS FOR ALL DEMOLISHED PANELS, DISCONNECTS, ETC. BACK TO SOURCE
- ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.
- CONTRACTOR TO TRACE AND LABEL ALL EXISTING LOADS TO REMAIN, THAT ARE CURRENTLY FED FROM PANELS THAT ARE BEING DEMOLISHED IN THIS PHASE. THESE LOADS TO BE RE-FED FROM NEW PANELS IN NEXT PHASE.

SHEET KEYNOTES

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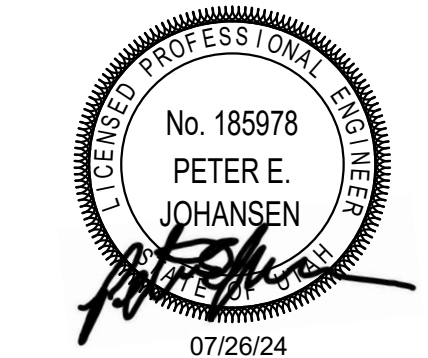
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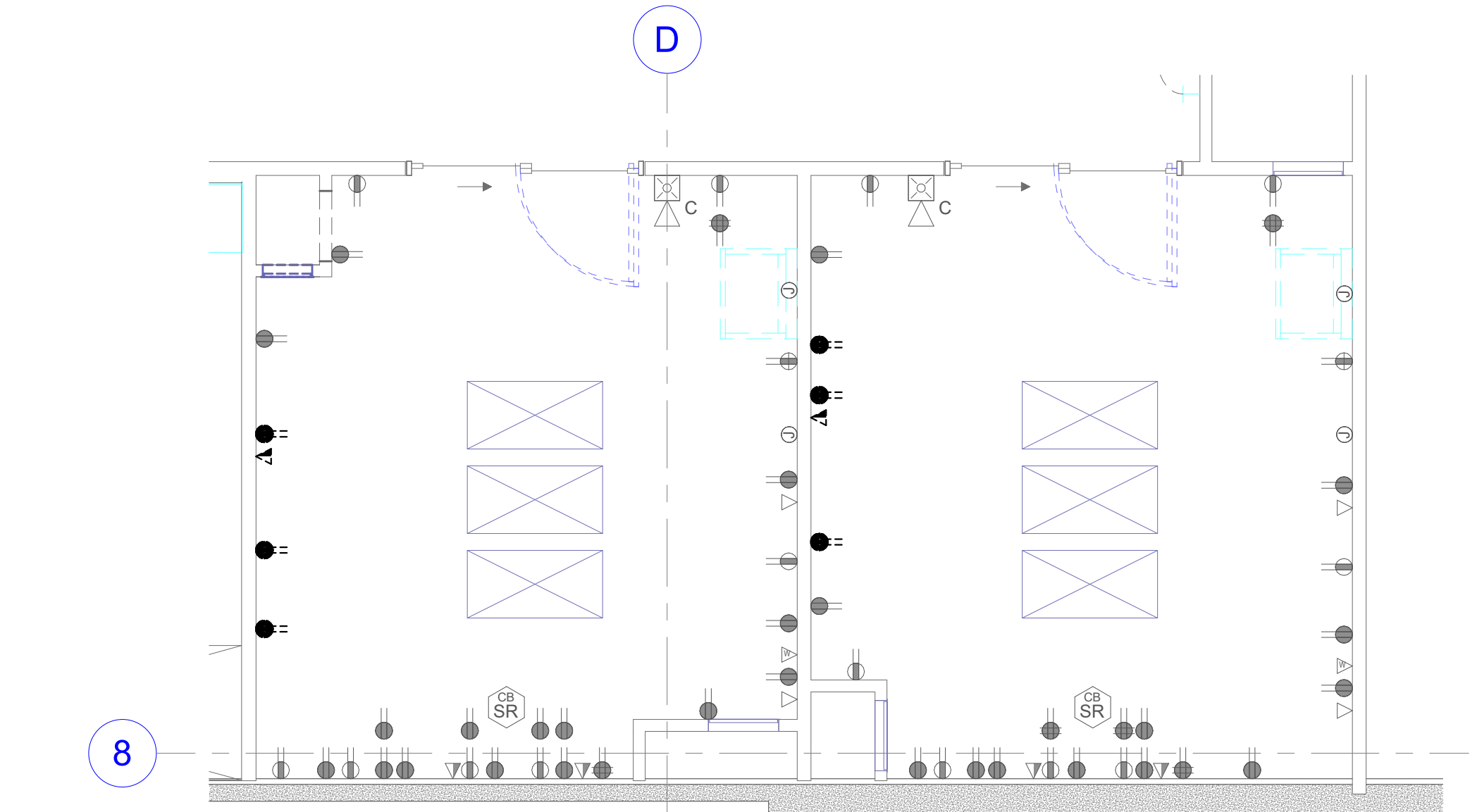
LAYTON HOSPITAL
MISC PROJECTS

KEY PLAN

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26404.000
DATE
08/15/24
ISSUE
CONSTRUCTION
DRAWINGS
SHEET TITLE
ED LEVEL 1
DEMOLITION
PLANS
SHEET NO.

ED101



1 TRUAMA ROOMS ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

- 1 UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES DEVICES AND EQUIPMENT SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OF ORIGIN OR TO FIRST ACTIVE DEVICE THAT REMAINS.
- 2 SALVAGE ALL LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALLPLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.
- 3 PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.
- 4 PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.
- 5 REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, RE-ROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.
- 6 REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.
- 7 DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.
- 8 REMOVE FEEDERS FOR ALL DEMOLISHED PANELS, DISCONNECTS, ETC. BACK TO SOURCE
- 9 ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.
- 10 CONTRACTOR TO TRACE AND LABEL ALL EXISTING LOADS TO REMAIN, THAT ARE CURRENTLY FED FROM PANELS THAT ARE BEING DEMOLISHED IN THIS PHASE. THESE LOADS TO BE RE-FED FROM NEW PANELS IN NEXT PHASE.

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LAYTON HOSPITAL
MISC PROJECTS

KEY PLAN

REVISION		
NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER
26404.000

DATE
08/15/24

ISSUE
CONSTRUCTION

DRAWINGS

SHEET TITLE
**ED TRUAMA
ROOMS
ELECTRICAL
DEMOLITION PLAN**

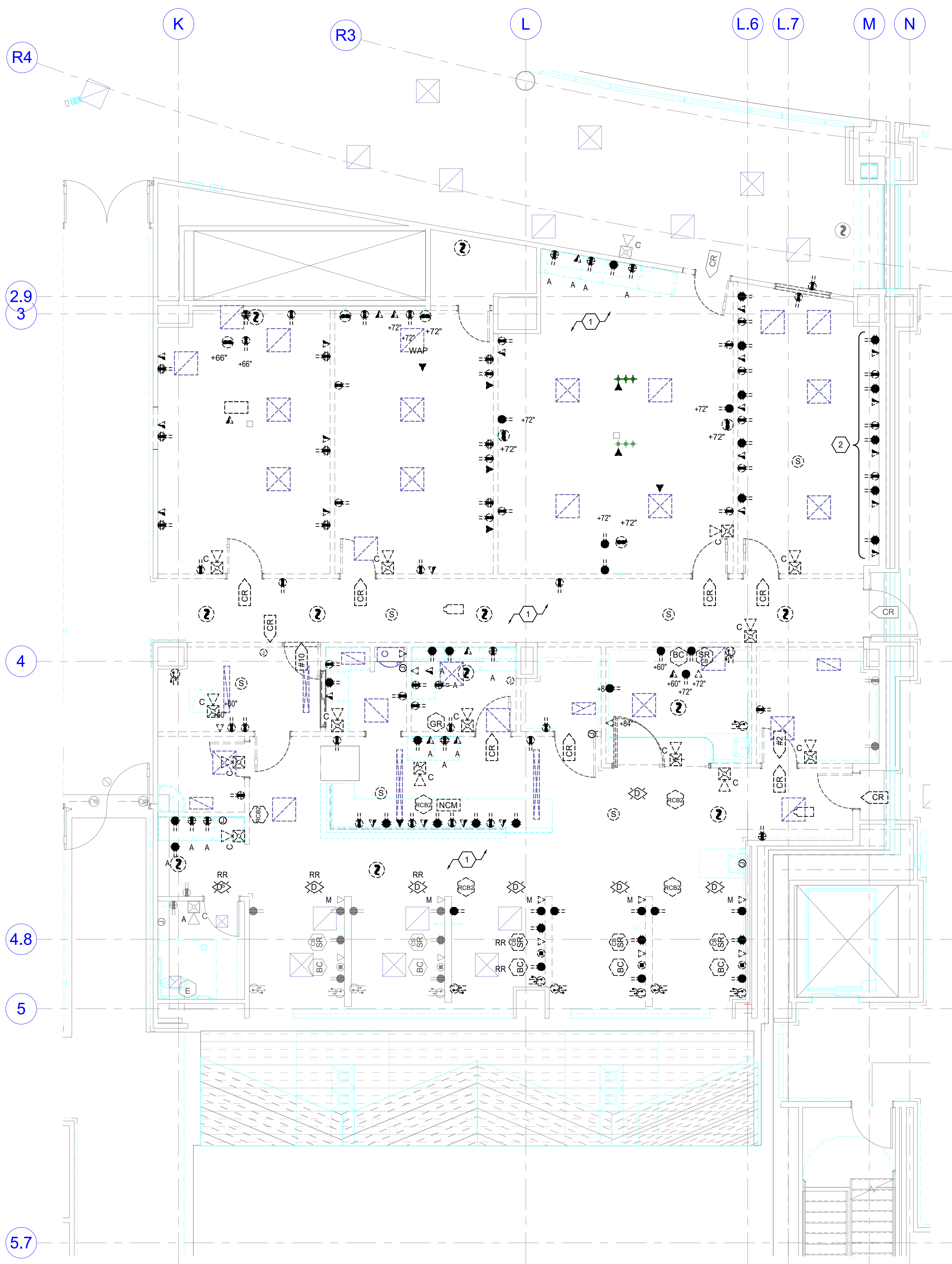
ED102

SHEET KEYNOTES

- 1 REFER TO ARCHITECTURAL PHASING PLAN FOR CONSTRUCTION PHASING IN THIS AREA.
- 2 DEMOLISH THE CABLING AND PROVIDE A COVER PLATE. LEAVE THE EXISTING JBOX AND RACEWAY TO MAINTAIN THE FIRE RATING.

GENERAL SHEET NOTES

- 1 UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES DEVICES AND EQUIPMENT SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OF ORIGIN OR TO FIRST ACTIVE DEVICE THAT REMAINS.
- 2 SALVAGE ALL LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALLPLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.
- 3 PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.
- 4 PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.
- 5 REMOVE ALL DEVICES, RACEWAYS AND WIRING FROM WALLS TO BE REMOVED. WHERE ACTIVE RACEWAYS OCCUR IN WALLS TO BE REMOVED, RE-ROUTE THE RACEWAY WITH ASSOCIATED WIRING TO KEEP THE CIRCUIT OPERATIONAL.
- 6 REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.
- 7 DEVICES MARKED "RR" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.
- 8 REMOVE FEEDERS FOR ALL DEMOLISHED PANELS, DISCONNECTS, ETC. BACK TO SOURCE.
- 9 ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.
- 10 CONTRACTOR TO TRACE AND LABEL ALL EXISTING LOADS TO REMAIN, THAT ARE CURRENTLY FED FROM PANELS THAT ARE BEING DEMOLISHED IN THIS PHASE. THESE LOADS TO BE RE-FED FROM NEW PANELS IN NEXT PHASE.



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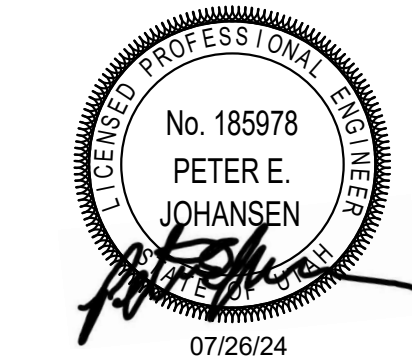
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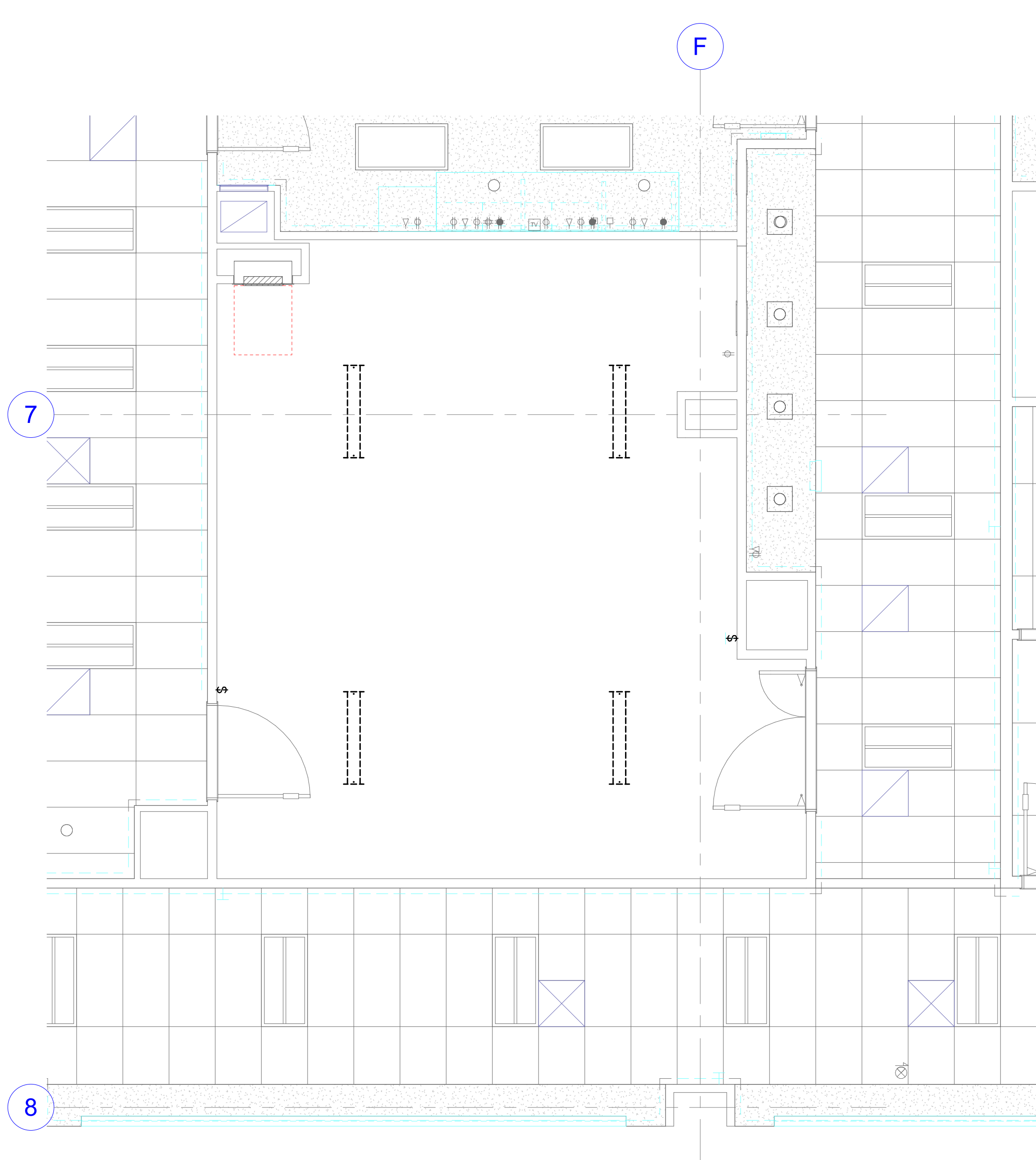
ELECTRICAL

DEMOLITION PLAN

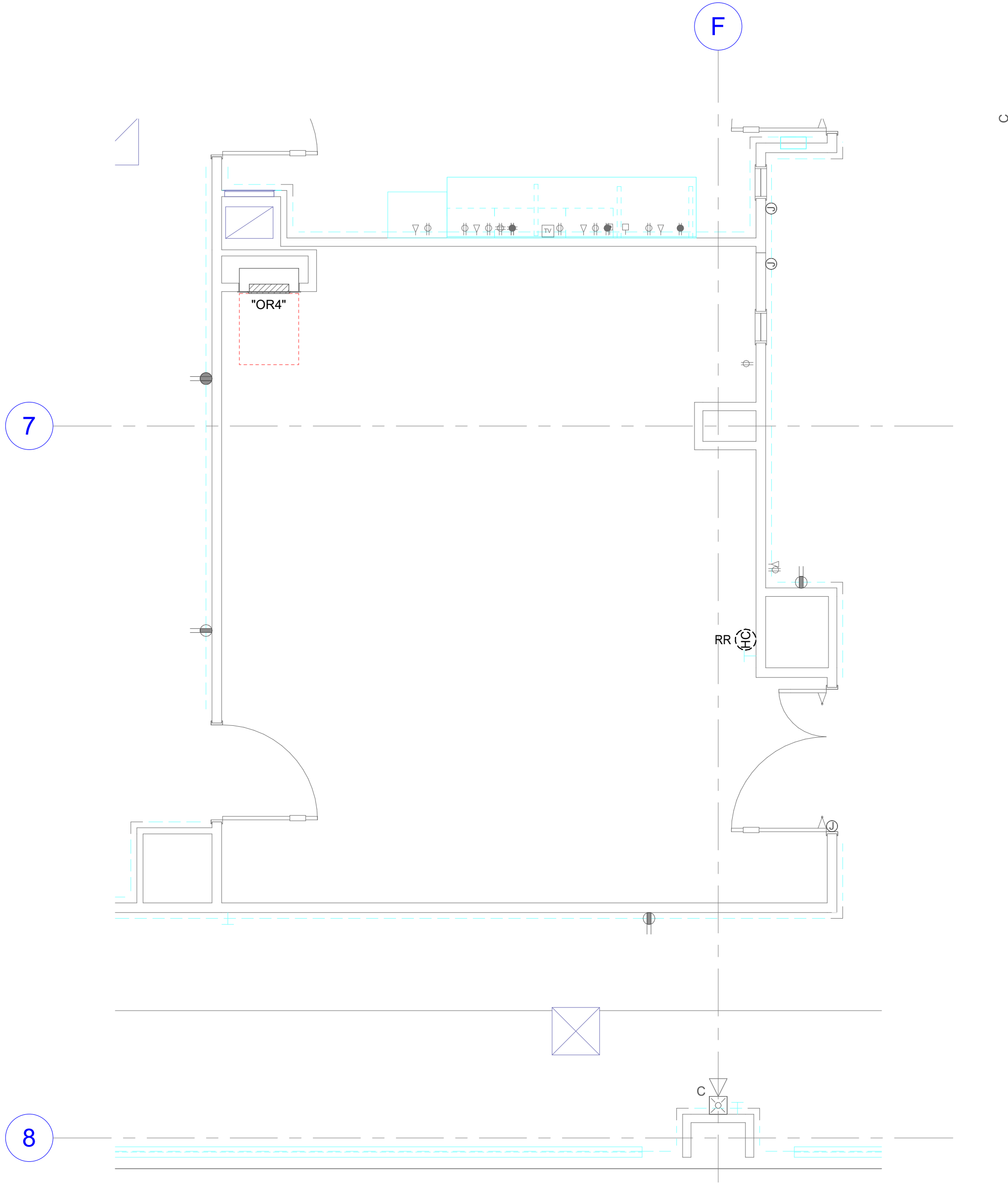
SHEET NO.

ED103

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1 OR LIGHTING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



2 OR ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

- UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES DEVICES AND EQUIPMENT SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OF ORIGIN OR TO FIRST ACTIVE DEVICE THAT REMAINS.
- SALVAGE ALL LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALLPLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.
- PRIOR TO SUBMITTING BID, VISIT THE SITE AND FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION WORK TO MEET THE INTENT OF THE BID DOCUMENTS AND INCLUDE ALL COSTS IN BID.
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SHEET KEYNOTES

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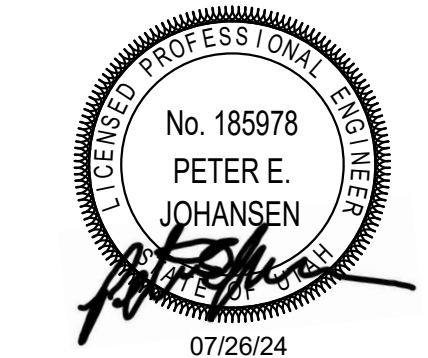
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REVISION
NO. DESCRIPTION DATE

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08/15/24

ISSUE

**CONSTRUCTION
DRAWINGS**

SHEET TITLE

**OR ELECTRICAL
DEMOLITION PLAN**

SHEET NO.

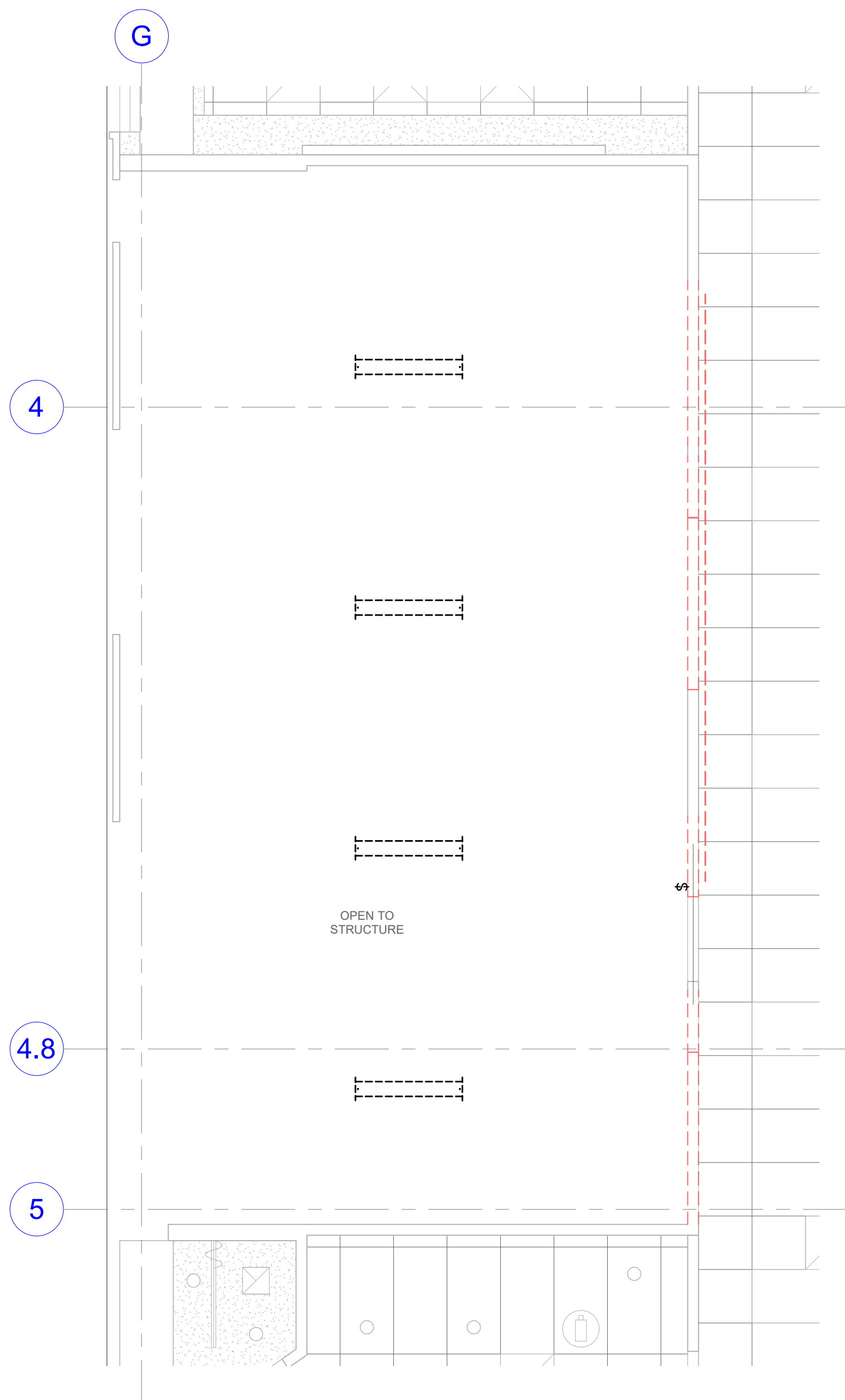
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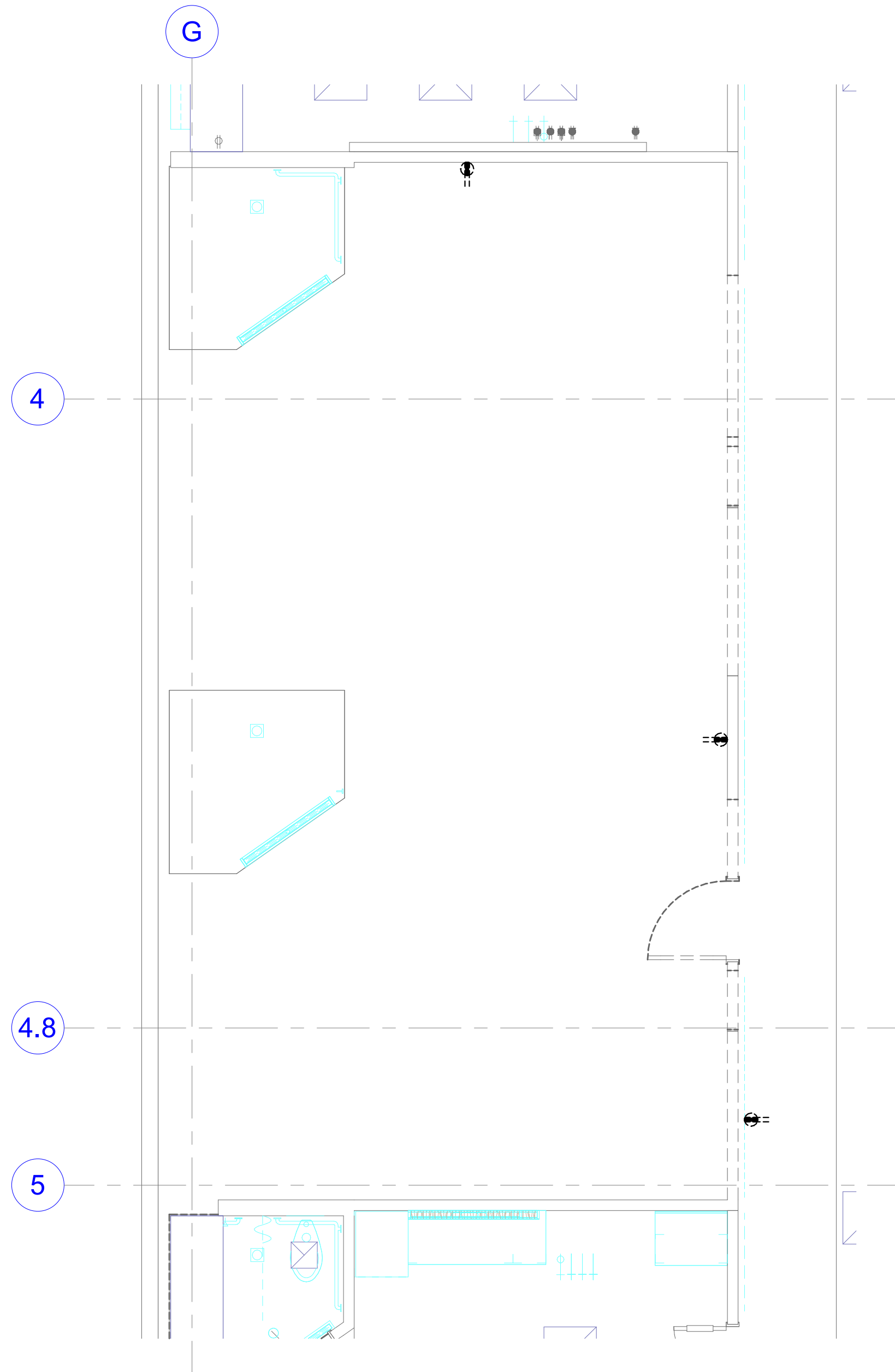
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TEMPLATE VERSION

1 LDR LIGHTING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



2 LDR ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



GENERAL SHEET NOTES

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SHEET KEYNOTES

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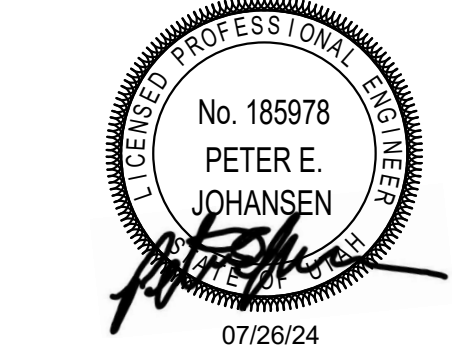
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HKS PROJECT NUMBER
26404.000
DATE
08/15/24
ISSUE
CONSTRUCTION DRAWINGS
SHEET TITLE
LDR ELECTRICAL DEMOLITION PLAN

SHEET NO.
ED105

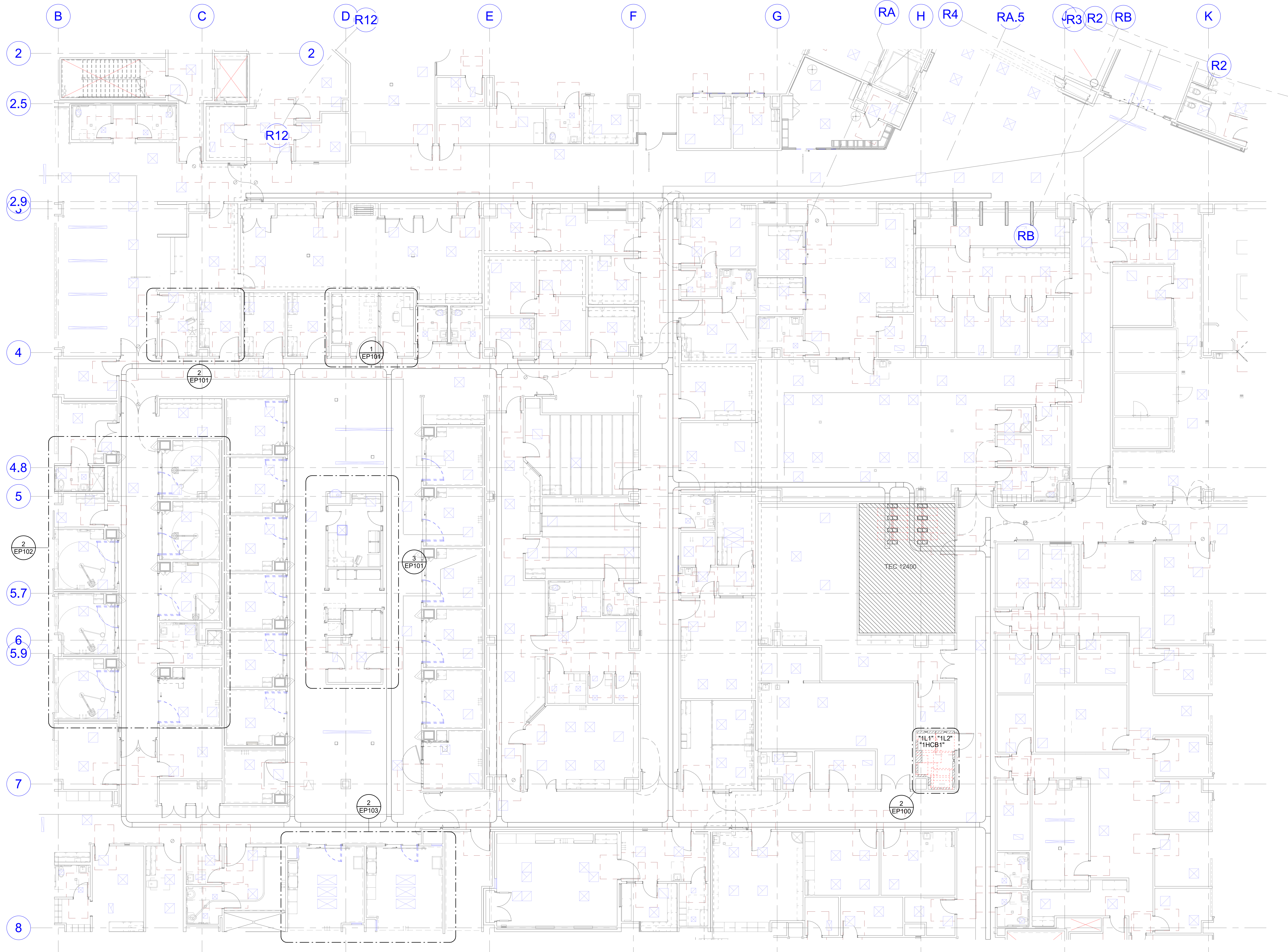
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TEMPLATE VERSION

1

LEVEL 1 OVERALL POWER PLAN

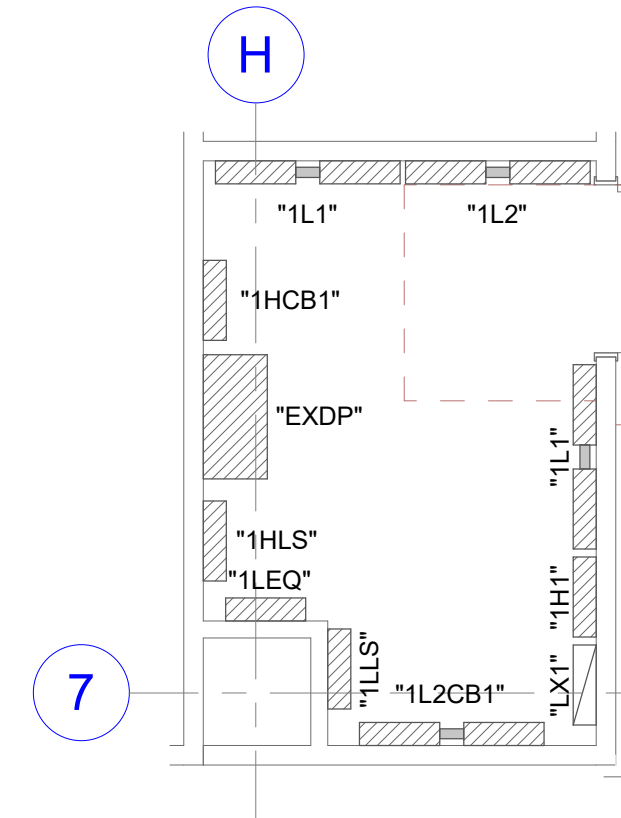
SCALE: 1" = 10'-0"



2

LEVEL 1 EXISTING ELECTRICAL ROOM

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



GENERAL SHEET NOTES

- 1 PROVIDE DEDICATED NEUTRALS FOR ALL BRANCH CIRCUITS.
- 2 ALL RECEPTACLES WITHIN 6" OF THE EDGE OF A SINK SHALL BE GFCI PROTECTED.
- 3 ALL WIRING IN PATIENT CARE AREAS SHALL MEET THE REQUIREMENTS OF NEC 517.13.

SHEET KEYNOTES

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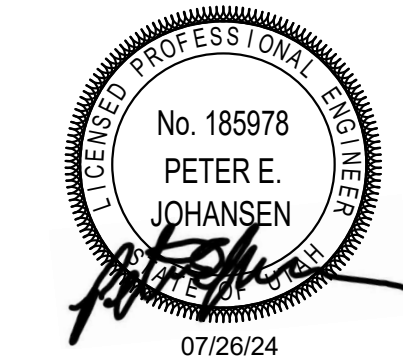
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REVISION
NO. DESCRIPTION DATE

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DATE

08/15/24

ISSUE

CONSTRUCTION

DRAWINGS

SHEET TITLE

LEVEL 1 OVERALL

POWER PLAN

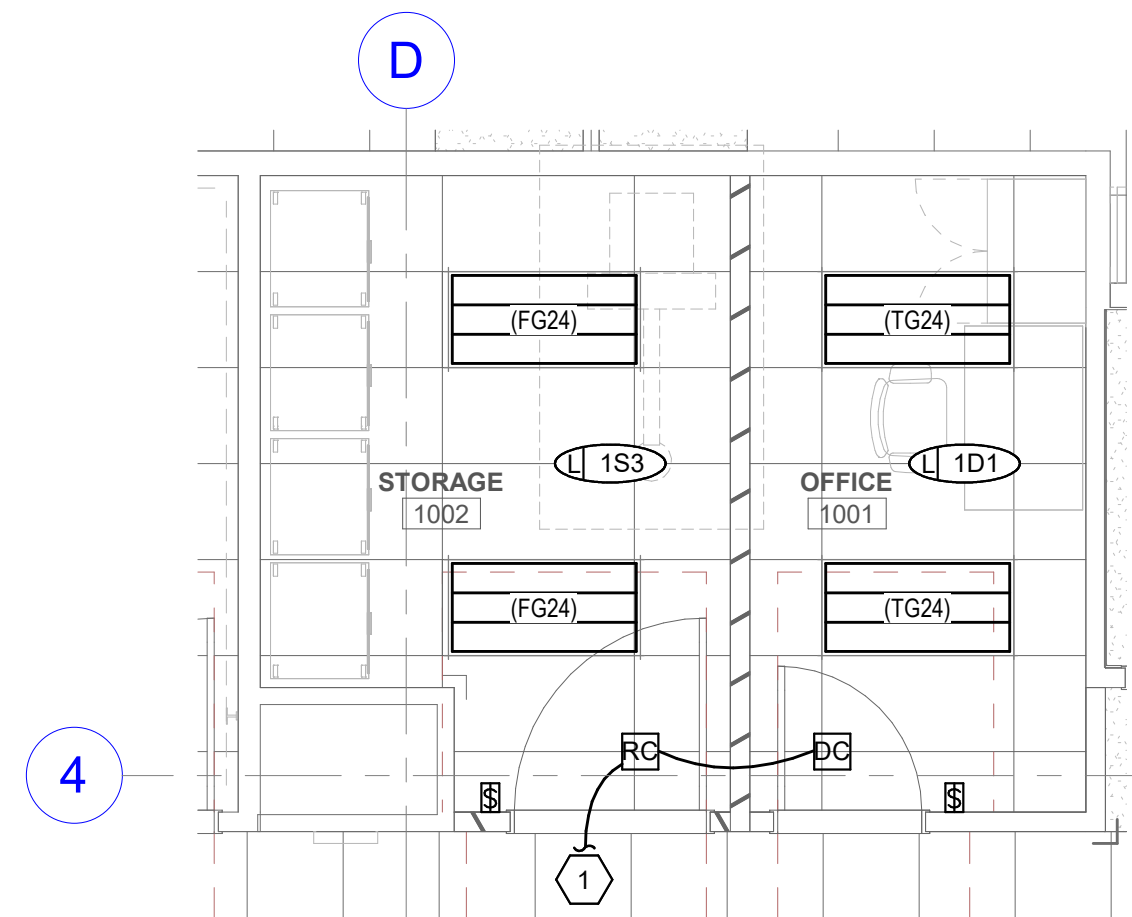
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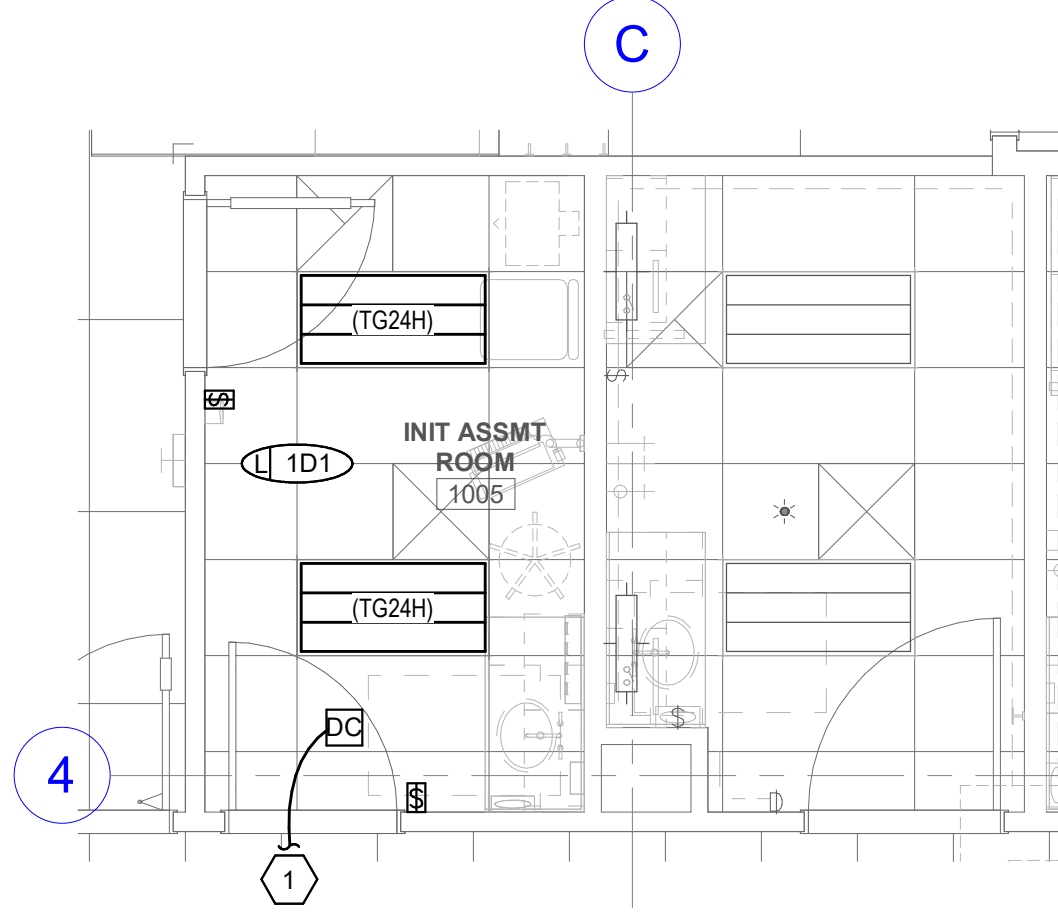
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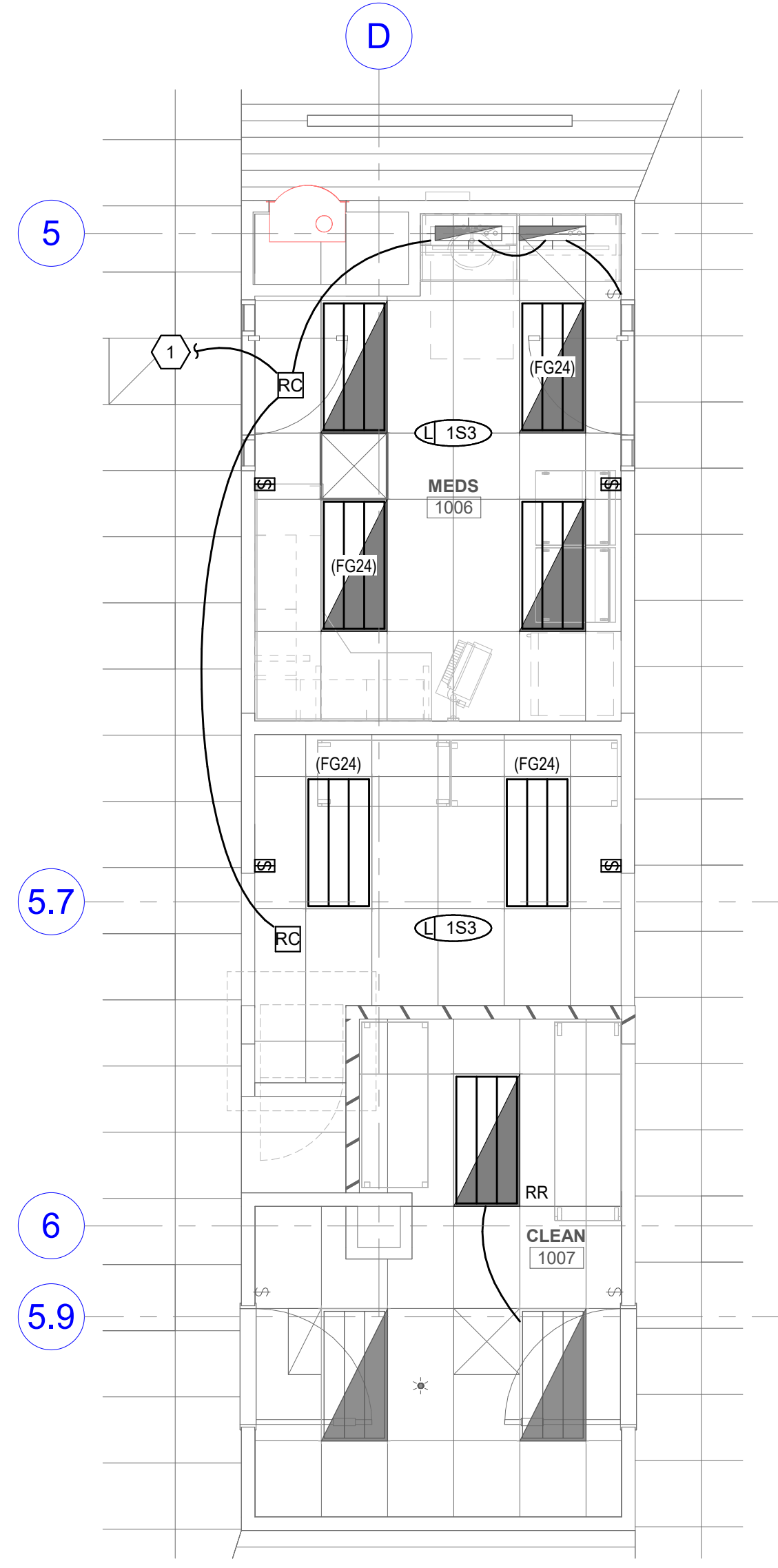
TEMPLATE VERSION



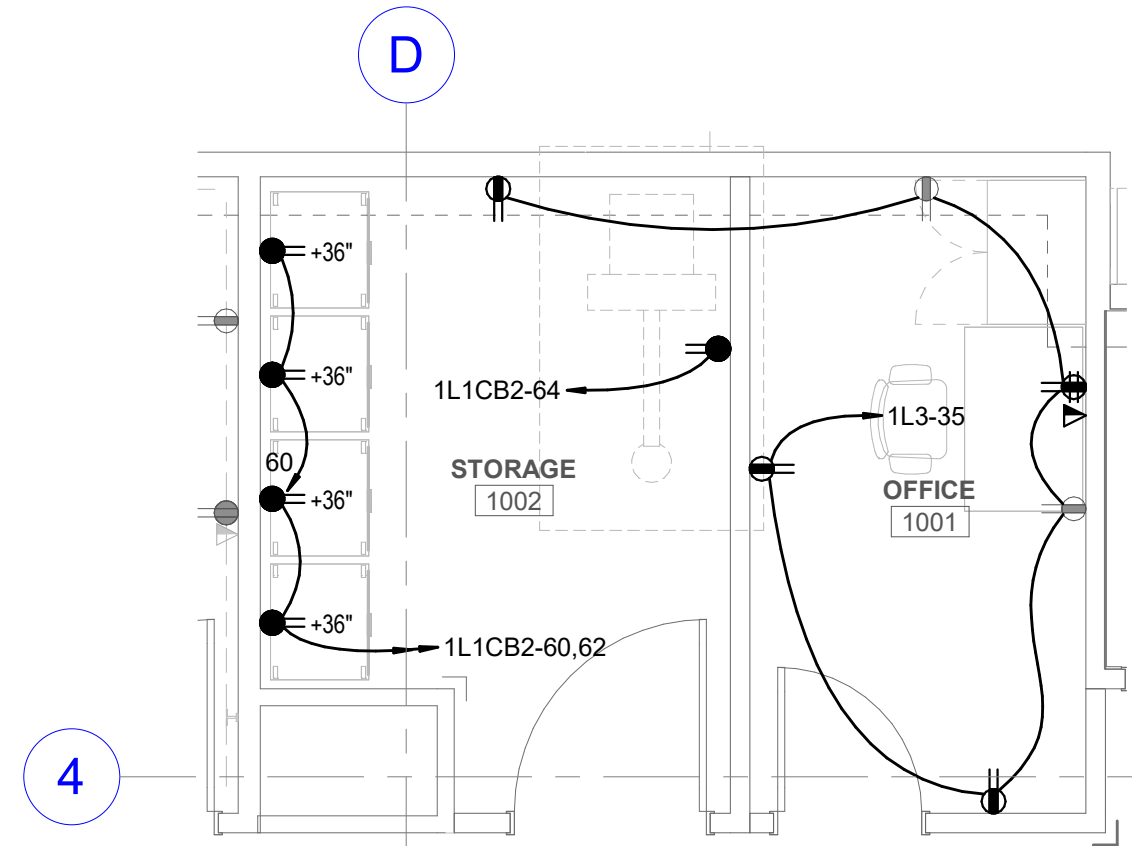
4 PHASE 1 LIGHTING PLAN
SCALE: 1/4" = 1'-0"



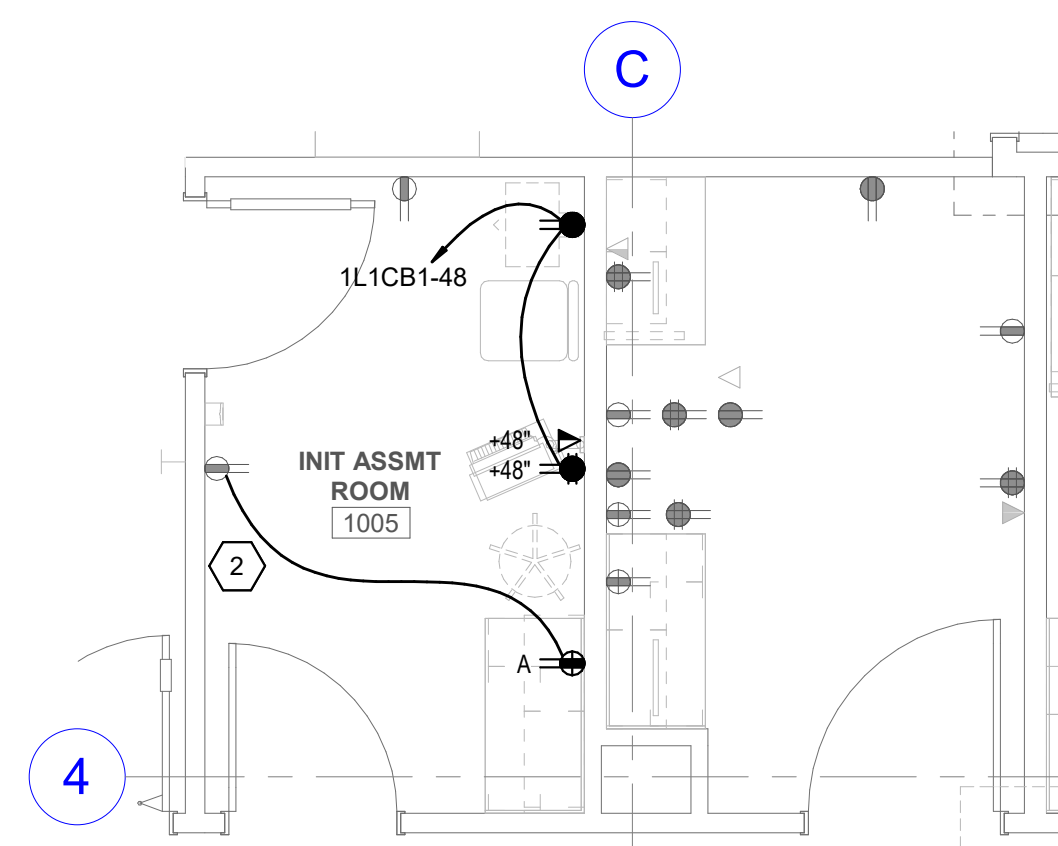
5 PHASE 2 LIGHTING PLAN
SCALE: 1/4" = 1'-0"



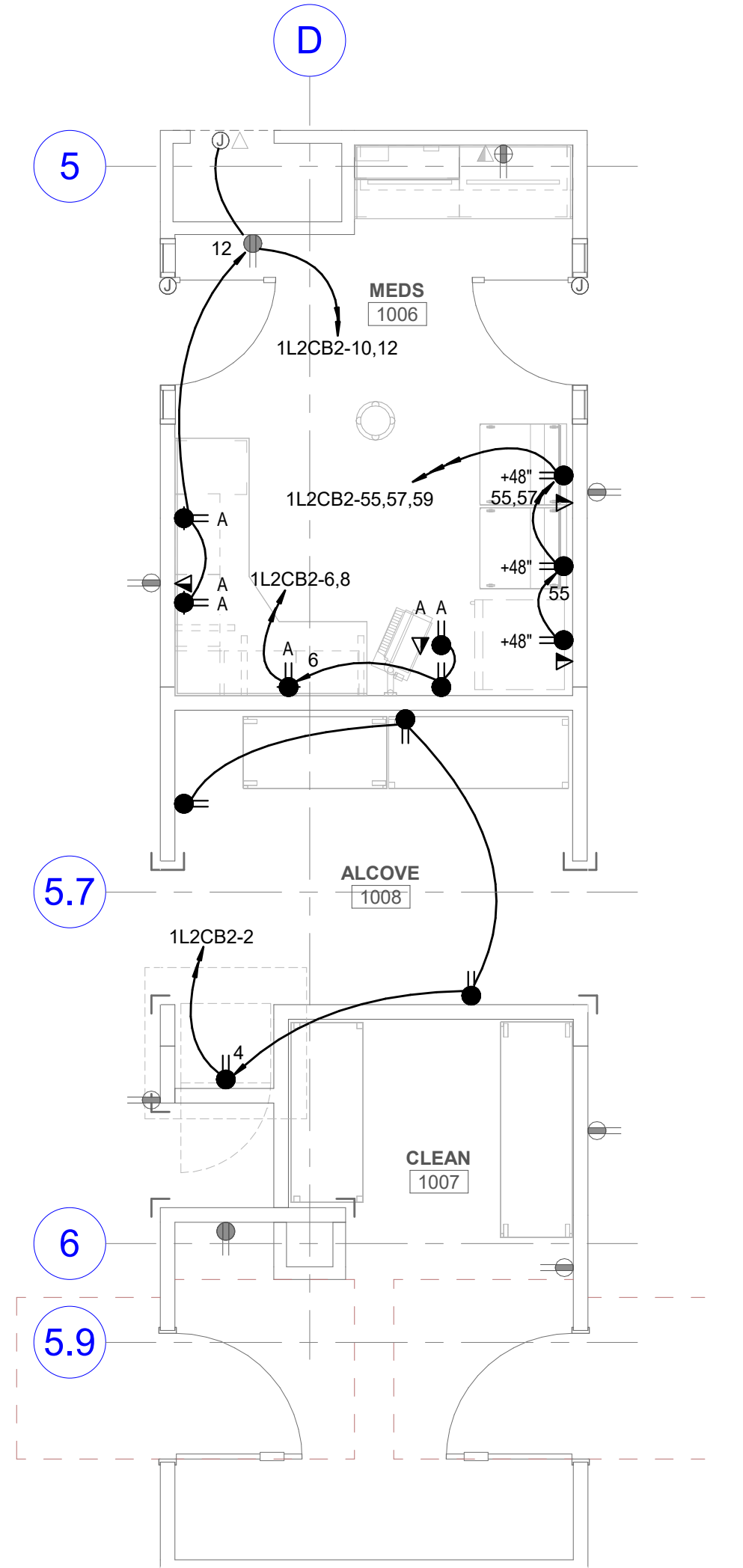
6 PHASE 3 LIGHTING PLAN
SCALE: 1/4" = 1'-0"



1 PHASE 1 POWER PLAN
SCALE: 1/4" = 1'-0"



2 PHASE 2 POWER PLAN
SCALE: 1/4" = 1'-0"



3 PHASE 3 POWER PLAN
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

- 1 PROVIDE DEDICATED NEUTRALS FOR ALL BRANCH CIRCUITS.
- 2 ALL RECEPTACLES WITHIN 6" OF THE EDGE OF A SINK SHALL BE GFCI PROTECTED.
- 3 ALL WIRING IN PATIENT CARE AREAS SHALL MEET THE REQUIREMENTS OF NEC 517.13.

SHEET KEYNOTES

- 1 CONNECT TO THE EXISTING LIGHTING CIRCUIT THAT PREVIOUSLY FED THIS SPACE.
- 2 CONNECT TO THE EXISTING 120V CIRCUIT FEEDING THE POWER RECEPTACLES IN THIS SPACE.

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CONSTRUCTION

DRAWINGS

SHEET TITLE

LEVEL 1 ED

ELECTRICAL

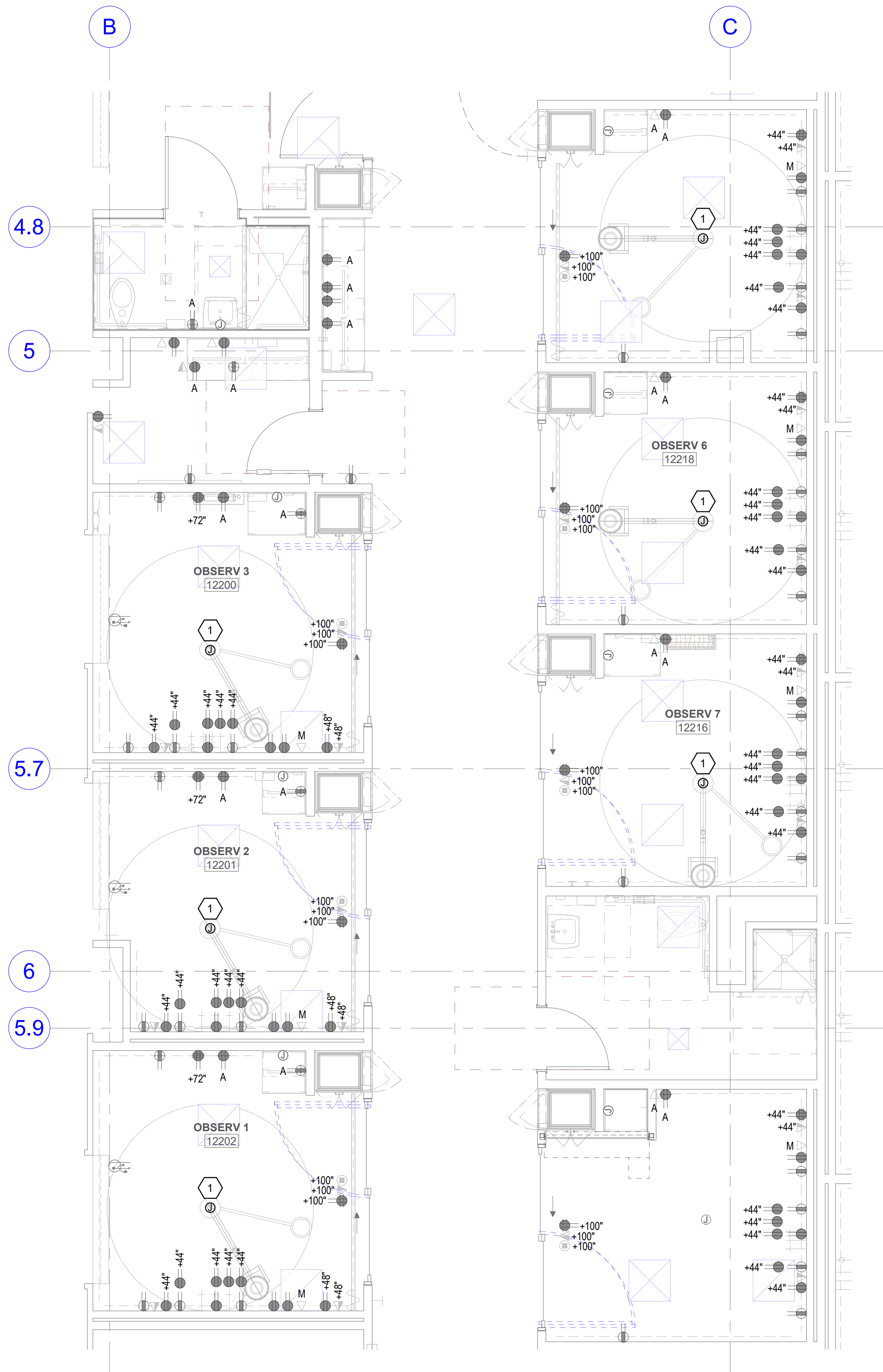
PLANS

SHEET NO.

EP101

2 LEVEL 1 POWER PLAN - OBSERVATION ROOMS

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



GENERAL SHEET NOTES

- 1 PROVIDE DEDICATED NEUTRALS FOR ALL BRANCH CIRCUITS.
- 2 ALL RECEPTACLES WITHIN 6" OF THE EDGE OF A SINK SHALL BE GFCI PROTECTED.
- 3 ALL WIRING IN PATIENT CARE AREAS SHALL MEET THE REQUIREMENTS OF NEC 517.13.

SHEET KEYNOTES

- 1 CONNECT THE NEW BOOM TO THE EXISTING 120V CIRCUIT AND CONTROLS THAT PREVIOUSLY FED THE BOOM.

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ISSUE

CONSTRUCTION
DRAWINGS

SHEET TITLE

ED OBSERVATION
ROOM ELECTRICAL
PLANS

SHEET NO.

EP102



LAYTON HOSPITAL

MISC PROJECTS

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CONSTRUCTION
DRAWINGS
 SHEET TITLE
TRIED TRAUMA ROOM
ELECTRICAL
PLANS
 SHEET NO.

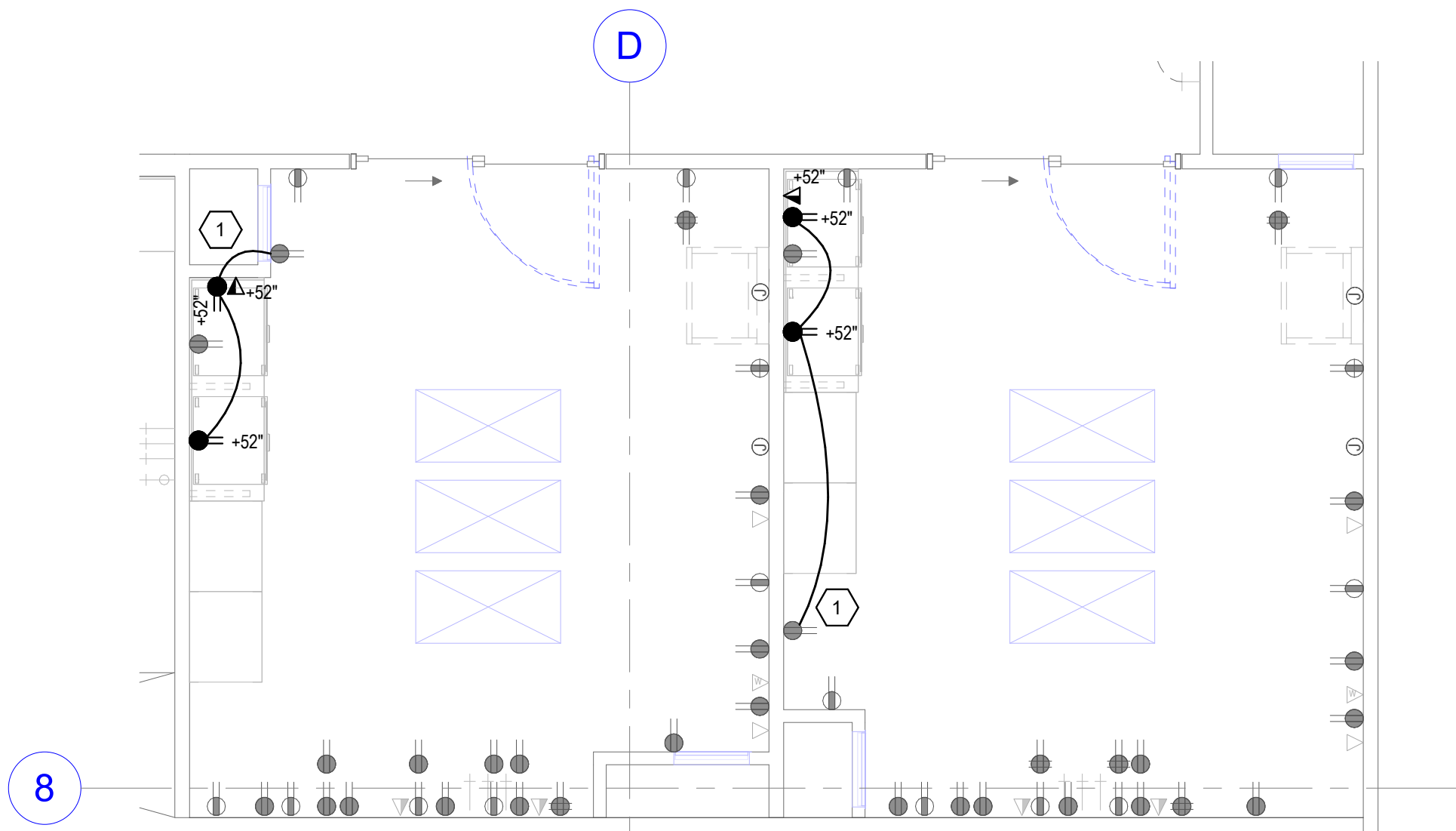
EP103

1 PROVIDE DEDICATED NEUTRALS FOR ALL BRANCH CIRCUITS.

2 ALL RECEPTACLES WITHIN 6" OF THE EDGE OF A SINK SHALL BE GFCI PROTECTED

3 ALL WIRING IN PATIENT CARE AREAS SHALL MEET THE REQUIREMENTS OF NEC 517.13.

1 CONNECT TO THE EXISTING CRITICAL BRANCH CIRCUIT THAT PREVIOUSLY FED THIS WALL.



2 LEVEL 1 POWER PLAN - TRUAMA ROOMS
SCALE: 1/4" = 1'-0"



GENERAL SHEET NOTES

- 1 PROVIDE DEDICATED NEUTRALS FOR ALL BRANCH CIRCUITS.
- 2 ALL RECEPTACLES WITHIN 6" OF THE EDGE OF A SINK SHALL BE GFCI PROTECTED.
- 3 ALL WIRING IN PATIENT CARE AREAS SHALL MEET THE REQUIREMENTS OF NEC 517.13.

SHEET KEYNOTES

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PETER E. JOHANSEN
No. 185978
07/26/24

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ISSUE
**CONSTRUCTION
DRAWINGS**
SHEET TITLE
**LEVEL 2 OVERALL
POWER PLAN**

SHEET NO.
EP104

SHEET KEYNOTES

- 1 ROUTE CIRCUIT THROUGH LIGHTING RELAY CONTROL PANEL FOR TIMECLOCK CONTROLS.
- 2 CONNECT TO THE EXISTING LIFE SAFETY CIRCUIT FEEDING THE LIGHTING IN THIS SPACE.
- 3 PROVIDE AN OVERRIDE WALL STATION FOR RELAY LIGHTING CONTROLS.
- 4 REFER TO ARCHITECTURAL PHASING PLAN FOR CONSTRUCTION PHASING IN THIS AREA.

GENERAL SHEET NOTES

- 1 PROVIDE DEDICATED NEUTRALS FOR ALL BRANCH CIRCUITS.
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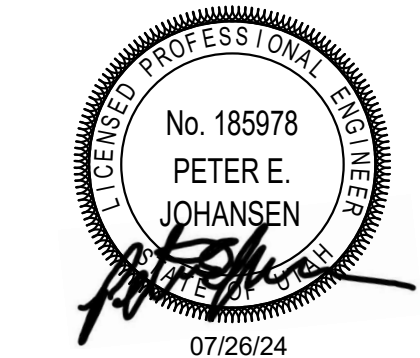
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MISC PROJECTS

KEY PLAN

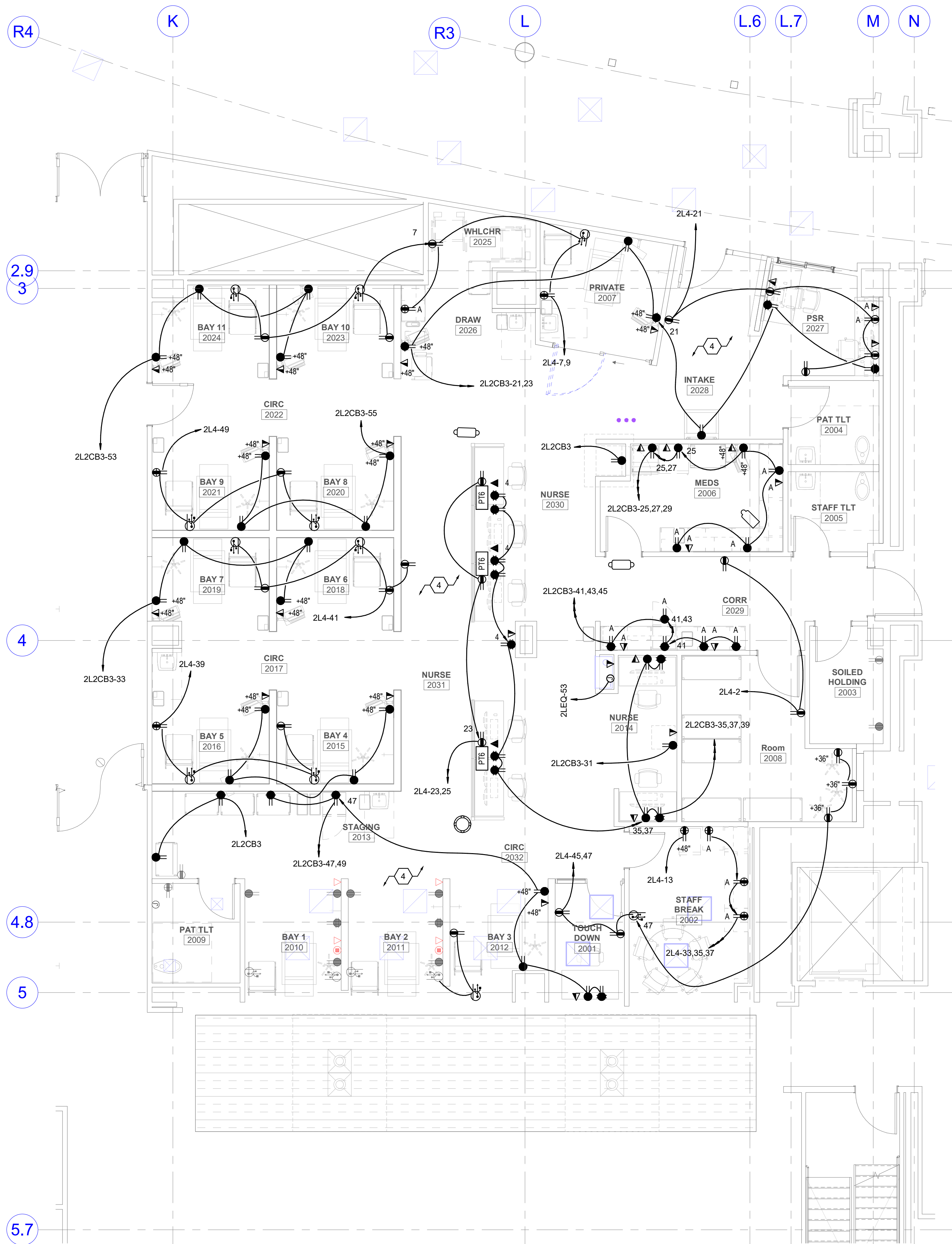
REVISION
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26404.000
DATE
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ISSUE
CONSTRUCTION
DRAWINGS
SHEET TITLE
INFUSION
ELECTRICAL
PLANS
SHEET NO.

EP105



1 LEVEL 2 LIGHTING PLAN - INFUSION BAYS
SCALE: 3/16" = 1'-0"



2 LEVEL 2 POWER PLAN - INFUSION
SCALE: 3/16" = 1'-0"

- 1 PROVIDE DEDICATED NEUTRALS FOR ALL BRANCH CIRCUITS.
- 2 ALL RECEPTACLES WITHIN 6" OF THE EDGE OF A SINK SHALL BE GFCI PROTECTED
- 3 ALL WIRING IN PATIENT CARE AREAS SHALL MEET THE REQUIREMENTS OF NEC 517.13.

- 1 120 VOLT POWER SUPPLY FOR OR ROOM SURGICAL LIGHT. RUN LOW VOLTAGE CABLE TO CONTROL PANEL, AND TO STERIS LIGHTING BOOM. SEE STERIS DRAWINGS FOR INSTALLATION INSTRUCTIONS.
- 2 POWER AND DATA FOR PAX.
- 3 DATA IN CEILING FOR CAMERA.
- 4 PROVIDE THE FOLLOWING TO ANESTHESIA BOOM: THREE ISOLATED 120 VOLT CIRCUITS FROM CRITICAL BRANCH #1, AND TWO ISOLATED 20 AMP CIRCUITS FROM CRITICAL BRANCH #2 AND SIX DATA DROPS. SEE STERIS DRAWING MGB01 FOR ADDITIONAL CONTRACTOR INSTALLATION RESPONSIBILITIES.
- 5 PROVIDE THE FOLLOWING TO EQUIPMENT BOOM: FOUR EMERGENCY ISOLATED 120 VOLT CIRCUITS, FOUR DATA DROPS.
- 6 PROVIDE DATA IN CEILING FOR ROOM STATUS CAMERA.
- 7 POWER FOR ELAPSED TIME AND CURRENT TIME DIGITAL CLOCKS. RESET BUTTON WILL MOUNT ABOVE COUNTER AT NURSE CHART STATION.
- 8 L6 30R GE X-RAY OUTLET W/ DRA-1 LIM SIGNAL AND PLUG CONTROL. TYPE RXO-RGE CIRCUIT TO LASER ISOLATION PANELS IN STERILE CORE. PROVIDE REMOTE MONITOR WITH CABLE. XPV2 FEED LASER RECEPTACLES LOCATED IN OR#4, OR#5 AND OR#6.
- 9 120V POWER FOR EMS BRAKES.
- 10 PROVIDE 120V POWER TO MONITOR/LIGHT BOOM L5D01. SEE STERIS DRAWINGS FOR ADDITIONAL CONTRACTOR INSTALLATION RESPONSIBILITIES AUDIO/VIDEO CONNECTIONS, AC LINE VOLTAGE AND DC CONNECTION AND COMMUNICATION CABLEING.
- 11 PROVIDE KEYPED SWITCH AT 72" AFF FOR TESTING BATTERY PACKS IN EACH OR.
- 12 PROVIDE BATTERY PACK IN TWO GF101 FIXTURES.



KEY PLAN

REVISION		
NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER
26404.000

DATE
08/15/24

ISSUE
**CONSTRUCTION
DRAWINGS**

SHEET TITLE
**OR ELECTRICAL
PLANS**

SHEET NO.

EP106

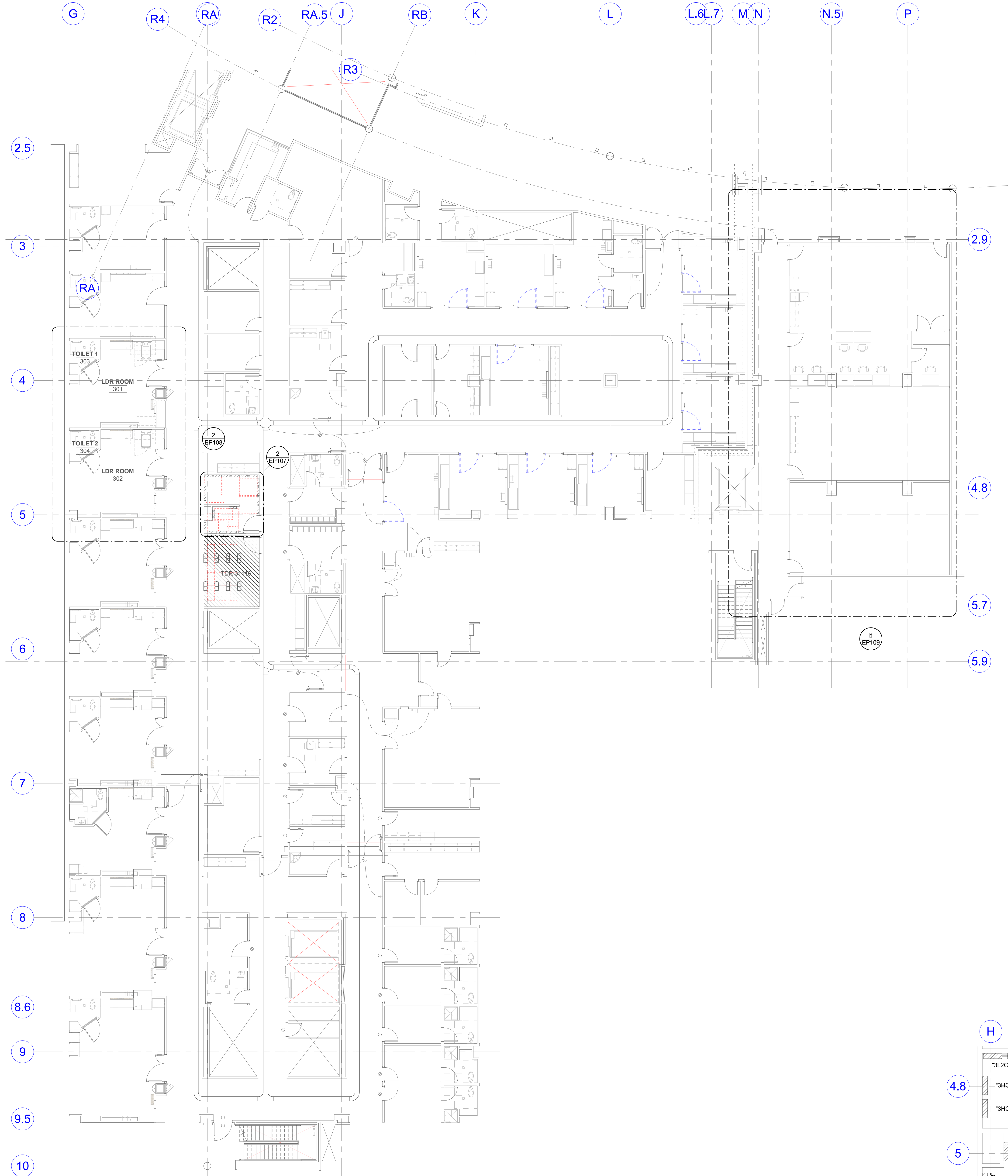
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TEMPLATE VERSION

1

LEVEL 3 OVERALL POWER PLAN

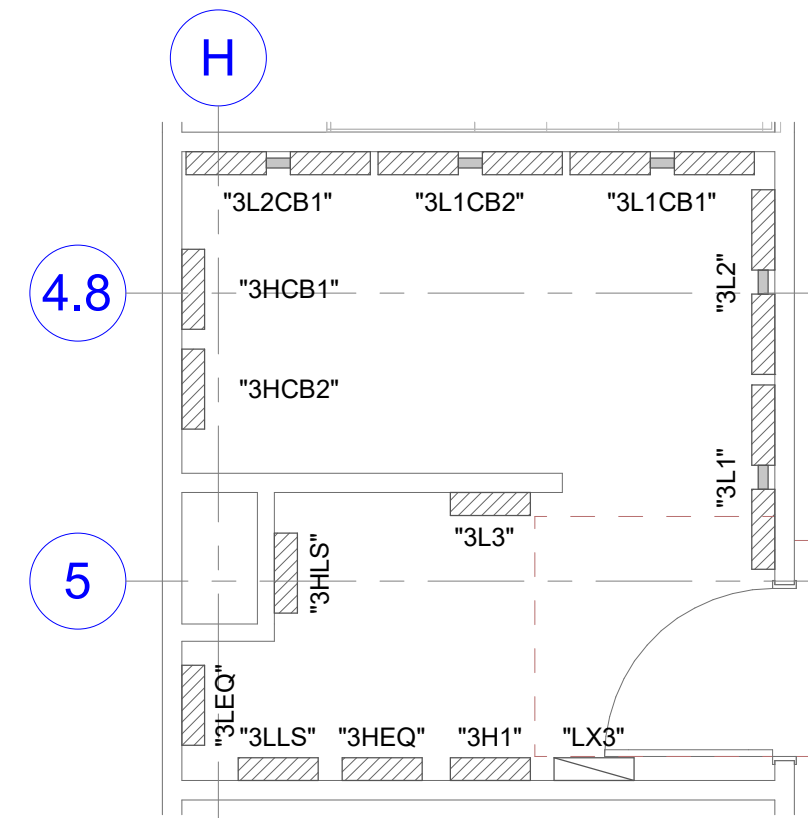
SCALE: 1" = 10'-0"



2

LEVEL 3 EXISTING ELECTRICAL ROOM

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



GENERAL SHEET NOTES

- 1 PROVIDE DEDICATED NEUTRALS FOR ALL BRANCH CIRCUITS.
- 2 ALL RECEPTACLES WITHIN 6" OF THE EDGE OF A SINK SHALL BE GFCI PROTECTED.
- 3 ALL WIRING IN PATIENT CARE AREAS SHALL MEET THE REQUIREMENTS OF NEC 517.13.

SHEET KEYNOTES

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LAYTON HOSPITAL MISC PROJECTS

KEY PLAN

REVISION
NO. DESCRIPTION DATE

HKS PROJECT NUMBER

26404.000

DATE

08/15/24

ISSUE

CONSTRUCTION

DRAWINGS

SHEET TITLE

LEVEL 3 OVERALL

POWER PLAN

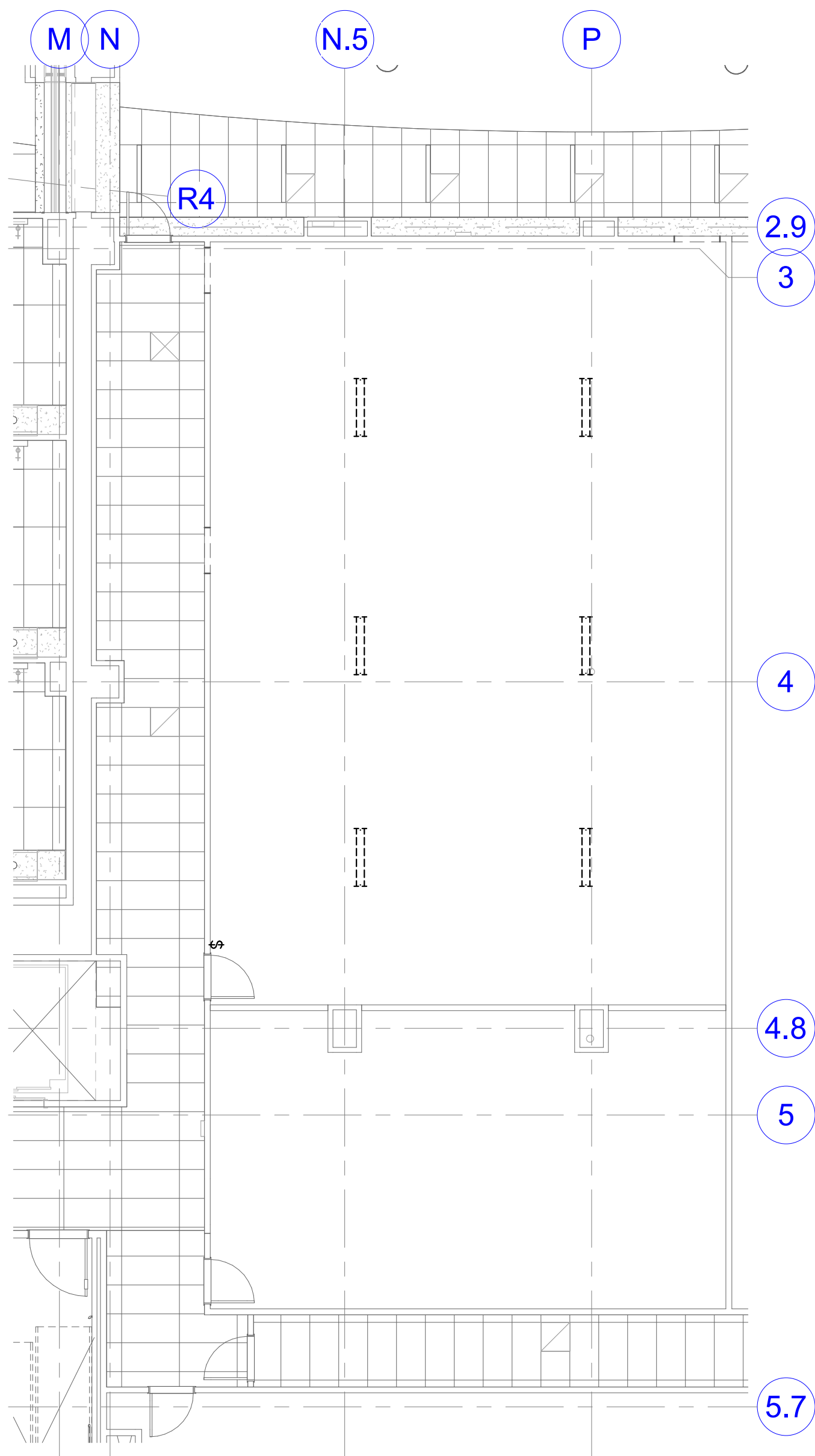
SHEET NO.

EP107

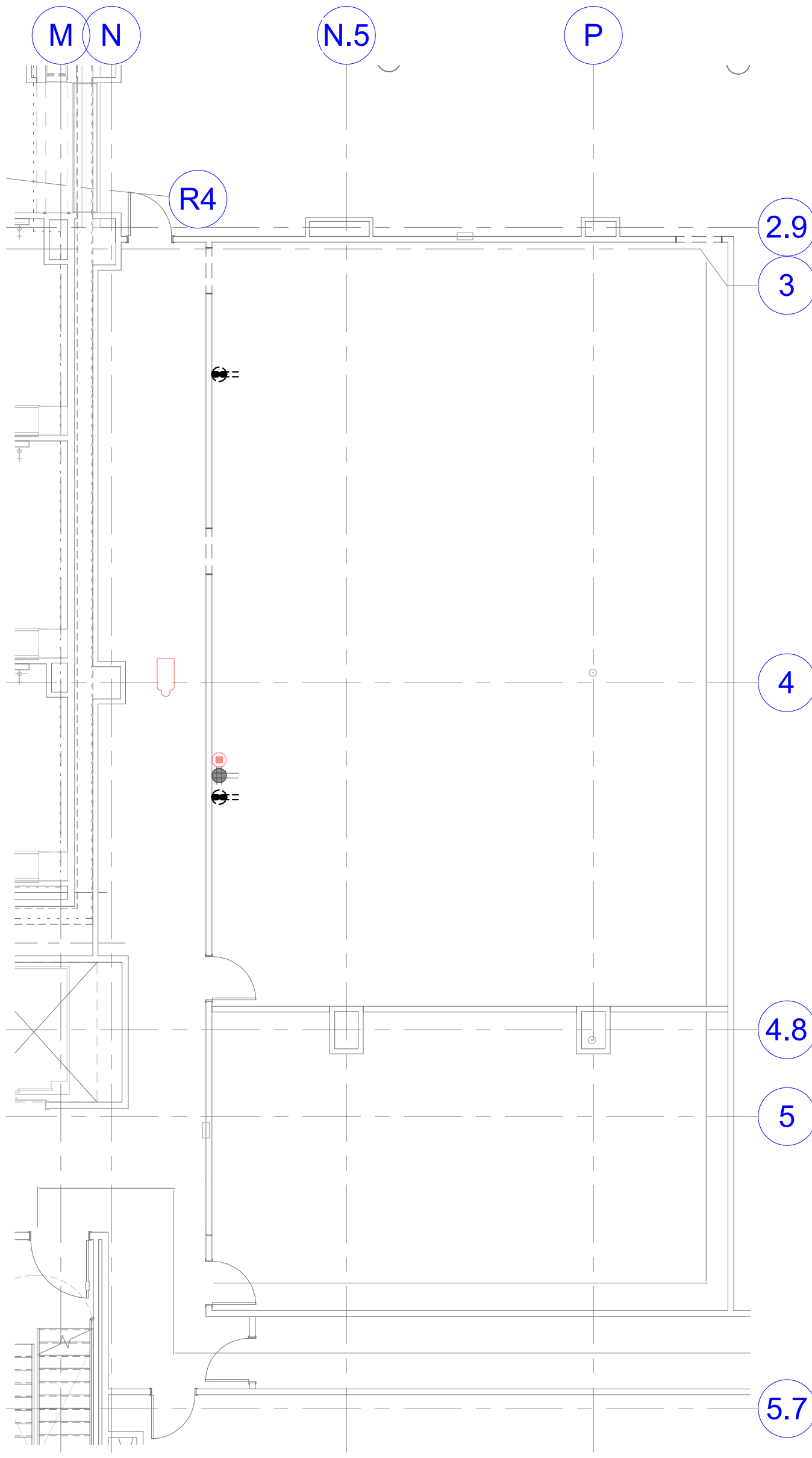
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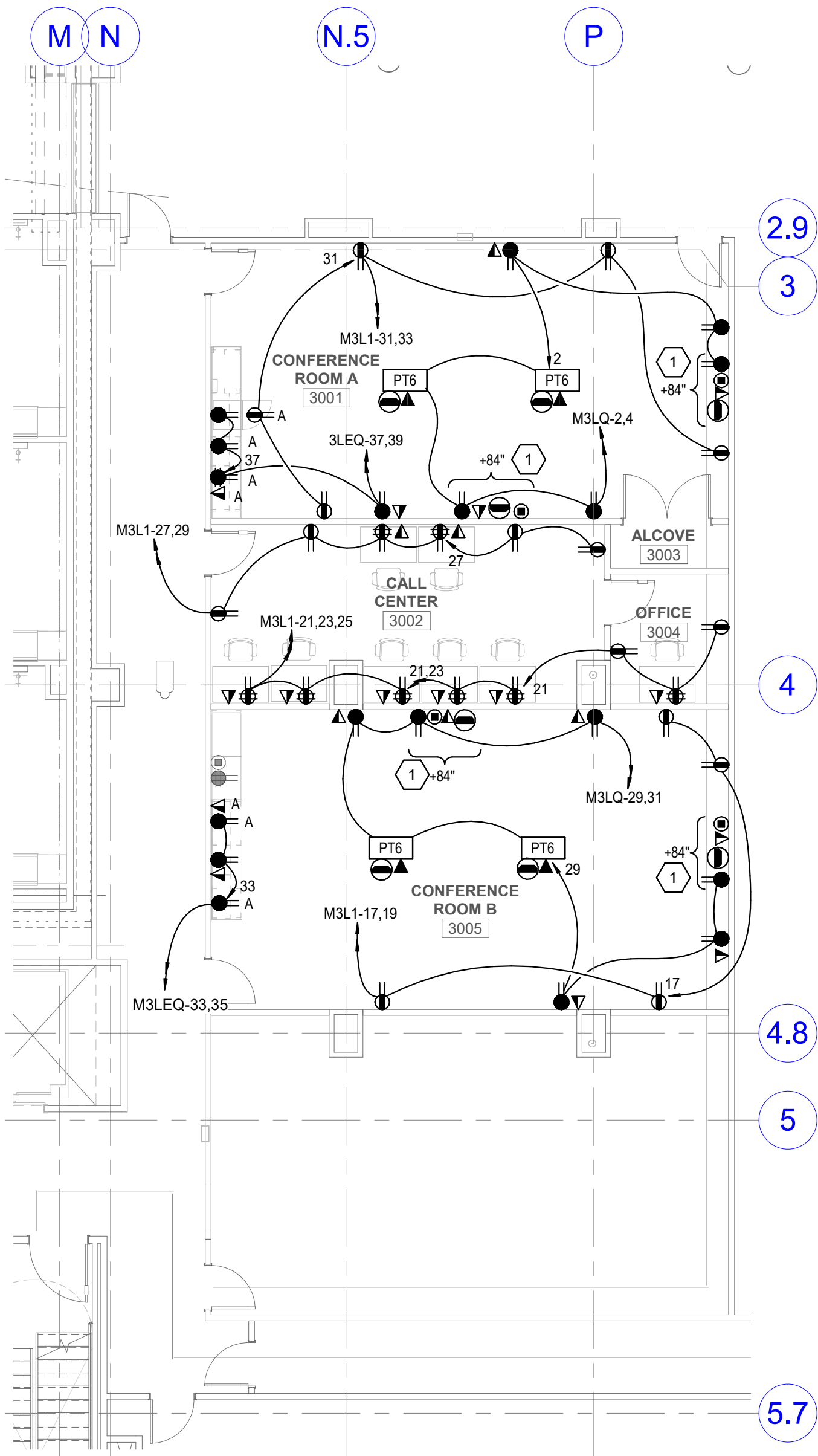
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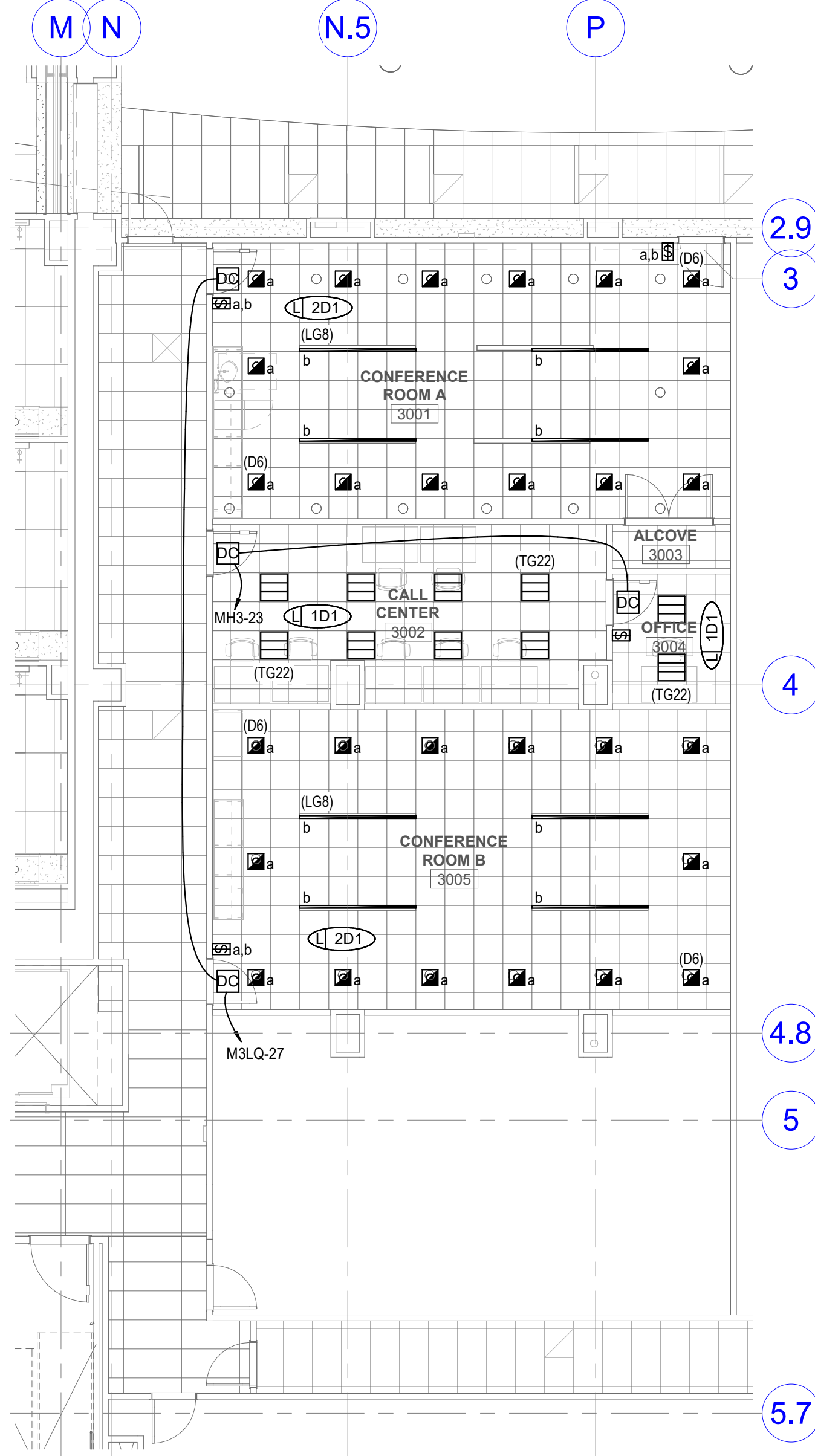
a LEVEL 3 CONFERENCE ROOM DEMOLITION LIGHTING PLAN
SCALE: 1/8" = 1'-0"



b LEVEL 3 CONFERENCE DEMOLITION ROOM POWER PLAN
SCALE: 1/8" = 1'-0"



1 LEVEL 3 CONFERENCE ROOM POWER PLAN
SCALE: 1/8" = 1'-0"



2 LEVEL 3 CONFERENCE ROOM LIGHTING PLAN
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

- 1 PROVIDE DEDICATED NEUTRALS FOR ALL BRANCH CIRCUITS.
- 2 ALL RECEPTACLES WITHIN 6" OF THE EDGE OF A SINK SHALL BE GFCI PROTECTED.
- 3 ALL WIRING IN PATIENT CARE AREAS SHALL MEET THE REQUIREMENTS OF NEC 517.13.

SHEET KEYNOTES

- 1 PROVIDE A FSR PWB-100 BEHIND TVS MONITORS. SEE DETAIL ON EE501.

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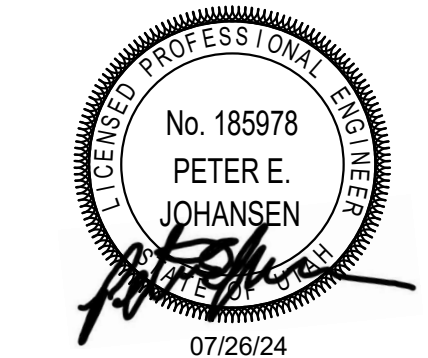
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LAYTON HOSPITAL
MISC PROJECTS

KEY PLAN

REVISION
NO. DESCRIPTION DATE

HKS PROJECT NUMBER

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DATE

08/15/24

ISSUE

CONSTRUCTION
DRAWINGS

SHEET TITLE

LEVEL 3

CONFERENCE
ROOM ELECTRICAL
PLANS

EP109



HEXAVUE INSTALLATION GUIDELINES

LAYTON HOSPITAL INTERMOUNTAIN HEALTHCARE

LAYTON, UTAH

GENERAL NOTES	
1. SEE INFRASTRUCTURE RESPONSIBILITIES PAGE (OR FOR ADDITIONAL DETAILS & DESCRIPTIONS FOR SPECIFIC STANDBY/OWNER RESPONSIBILITIES).	
2. SUPPLY AND INSTALLATION OF ALL CONDUIT, POWER CIRCUITS, BACK BOXES, ELECTRICAL DEVICES, ELECTRICAL WIRING IS TO BE PROVIDED BY THE CLIENT'S ELECTRICAL CONTRACTOR (UNLESS NOTED OTHERWISE).	
3. ONE WIRE HANGER FOR CABLE COILS REQUIRED FOR EACH MOUNT.	
4. CLIENT CONTRACTOR TO PROVIDE BLANK COVER PLATES FOR ALL JUNCTION BOXES WHERE NECESSARY.	
5. ALL CABLE RUNS OUTSIDE INTEGRATED ROOMS ARE THE RESPONSIBILITY OF HOSPITAL/CONTRACTOR. ALL CABLE RUNS SHOULD BE CONTINUOUS EXCEPT WHERE NOTED.	
6. "JUMP" ACCESS MUST BE PROVIDED WITHIN 90° OF ALL JUNCTION BOXES.	
7. CABLE RUNS THRU PLENUM SPACE MUST BE PLENUM RATED OR SHALL BE INSTALLED WITH CONDUIT.	
8. CABLES NOT RUN IN CONDUIT MUST HAVE HOOKS EVERY 4' FOR SUPPORT (NOT BY STERIS).	
9. WHERE HOOKS ARE USED IN CEILING CONDUIT IS REQUIRED IN ALL CONCEALED LOCATIONS (SIZED PER SCHEDULE).	
10. EACH RACK REQUIRES (4) NETWORK PORTS PER OR.	
11. ALL POWER FOR INTEGRATION EQUIPMENT SHOULD COME FROM A SINGLE ELECTRICAL PANEL IN THE OR/IT SERVES.	
12. CONFORMANCE TO NATIONAL, STATE AND LOCAL CODES FOR ELECTRICAL CIRCUITS AND CONDUIT IS THE RESPONSIBILITY OF THE HOSPITAL OR THEIR CONTRACTED ELECTRICIAN.	
13. THE EQUIPMENT AND ROOM/IN REQUIREMENTS SHOWN ARE FOR BUDGETARY PLANNING PURPOSES ONLY. EQUIPMENT IS SUBJECT TO CHANGE AND DIFFERENT OPTIONS ARE AVAILABLE TO MEET SPECIFIC CUSTOMER DESIGN CRITERIA. POST-ORDER DRAWINGS WILL REFLECT EXACT EQUIPMENT SPECIFICATIONS, AND REQUIRES CUSTOMER SIGNOFF APPROVAL.	
14. USE OF ISOLATED GROUND POWER TO BE DETERMINED BY ELECTRICAL CONTRACTOR.	

ABBREVIATION
R.F.P. = RACKED FINISHED FLOOR
B.C.P. = BLANK COVER PLATE
C = CONDUIT
C.P. = COVER PLATE
C.T. = CIRCUIT
E.C. = ELECTRICAL CONTRACTOR
N.S.E. = NURSE STATION EQUIPMENT

INDEX		
PAGE #	SHEET TITLE	ROOM #
01	TITLE PAGE, INDEX	-
01A	INFRASTRUCTURE RESPONSIBILITIES TERMS & CONDITIONS	-
01B	DISTANCE PACKAGE FIBER SPECS & REQUIREMENTS	-
02	PROPOSED OPERATING ROOM 5 LAYOUT	-
03	PROPOSED OPERATING ROOM 5 CONDUIT FIBER DIAGRAM	-
04	PROPOSED EQUIPMENT INSTALLATION DETAILS	-
05	NURSE OBSERVATION / P. CAMERA INSTALLATION DETAILS	-

ALL STERIS TERMS AND CONDITIONS RELATIVE TO STERIS AND CUSTOMER, DESIGNATED CONTRACTOR RESPONSIBILITIES, SITE READINESS, AND CHANGE ORDERS APPLY. THESE WILL BE PROVIDED TO ALL PARTIES ABOVE AT THE PROJECT KICKOFF MEETING BY YOUR STERIS REPRESENTATIVE.

STERIS Healthcare Design Group 5960 Hensley Road Mentor, OH 44060 USA 800-548-4873	REVISION SUMMARY				HEXAVUE INTEGRATION SYSTEM TITLE PAGE, INDEX	LAYTON HOSPITAL INTERMOUNTAIN HEALTHCARE LAYTON, UTAH	11992D7-INT				
	REVISION #	DESCRIPTION	DESIGNER/DATE	CHECKER			DR	TM	CK	JTP	DATE
	01	INITIAL DESIGN	05MAY2024				SCALE		NTS	PAGE	01

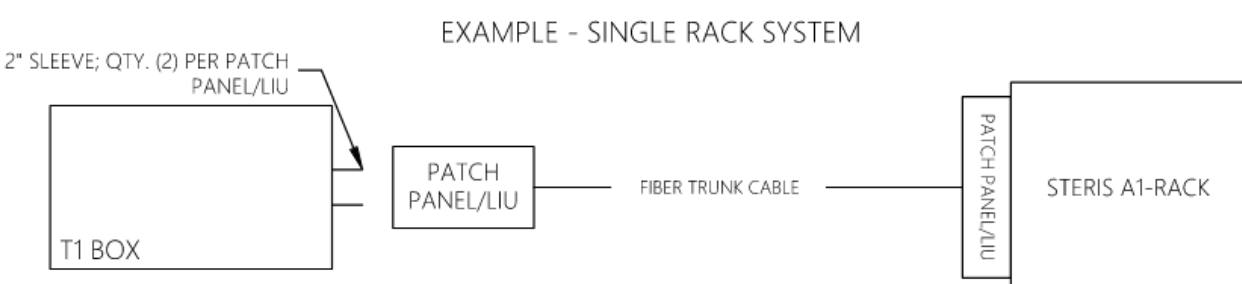
FIBER OPTIC TRUNK CABLING REQUIREMENTS

FOR ALL INSTALLATIONS, OM4 MULTIMODE FIBER TRUNK CABLES SHALL BE INSTALLED BY THE CUSTOMER FROM THE RACK LOCATION TO THE STERIS T1 BOX IN THE INTEGRATED OPERATING ROOM. PLEASE REFER TO THE STERIS PLANNING DOCUMENTS FOR T1 LOCATION.

- FOR GENERAL ORS, PATHOLOGY LABS, OR HYBRID ROOMS, TRUNK CABLES WITH (24) TO (48) FIBER OPTIC CABLING STRANDS ARE COMMONLY USED. QUESTIONS REGARDING WHAT QTY IS REQUIRED FOR A SPECIFIC ROOM CAN BE DIRECTED TO YOUR STERIS OR SPECIALIST OR STERIS INTEGRATION PROJECT MANAGER.
- ALL FIBER OPTIC CABLING, INCLUDING TRUNK CABLE, MUST MEET THE FOLLOWING TECHNICAL SPECIFICATIONS:

CORNING CLEARCURVE OM4 FIBER (OFNP PLENUM RATED OPTICAL CHARACTERISTICS):

CORE SIZE 50µm
WAVELENGTH (850/1300) nm
MAX ATTENUATION (3.5/1.5) dB/km
BANDWIDTH (EMB) 4700 MHz
LINK LENGTH (10Gb/s) 550 mtr
MULTI-MODE
MAX LOSS OF 17db AT 100M & 18db AT 150M



FIBER PATCH PANEL/LIU REQUIREMENTS

FOR ALL INSTALLATIONS, OM4 MULTIMODE FIBER TRUNK CABLES SHALL BE INSTALLED BY THE CUSTOMER FROM THE RACK LOCATION TO THE STERIS T1 BOX IN THE INTEGRATED OPERATING ROOM. CUSTOMER WILL ALSO SUPPLY AND INSTALL FIBER OPTIC PATCH-PANELS OR LIUs THAT MEET THE FOLLOWING REQUIREMENTS OR THE SPECIFIC PATCH-PANEL/LIU LISTED BELOW.

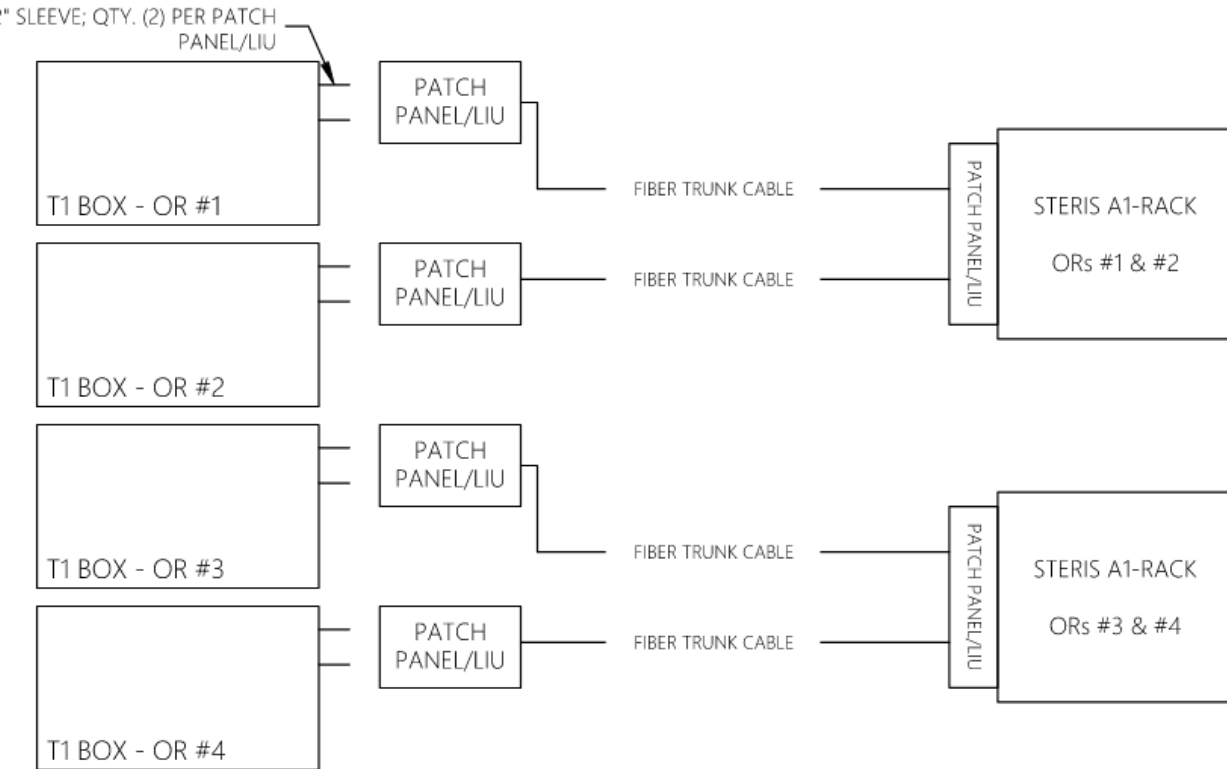
T1 SIDE - FIBER TRUNK CABLE

- ON THE T1 SIDE OF THE FIBER TRUNK CABLE, THE PATCH PANEL/LIU MUST BE LOCATED OUTSIDE THE T1 BOX BUT NO FURTHER THAN TWO FEET (2') AWAY. CUSTOMER TO INSTALL (2) 2" SLEEVES FROM T1 BOX FACING TOWARD PATCH PANEL/LIU. MUST BE ACCESSIBLE FROM BELOW CEILING.
- CUSTOMER MUST TERMINATE FIBER TRUNK CABLE USING SC FIBER CONNECTORS.

RACK OR RACK ROOM SIDE - FIBER TRUNK CABLE

- ON THE RACK SIDE OF THE FIBER TRUNK CABLE, IF THE PATCH PANEL/LIU CANNOT BE ENGINEERED TO FIT WITHIN THE RACK, IT MUST RESIDE WITHIN 1' FEET OF THE RACK THAT SERVES THE T1 BOX. THIS MAY INCLUDE MOUNTING THE PATCH PANEL/LIU ON THE CABLE TRAY AND LOCATED DIRECTLY ABOVE THE RACK THAT SERVES THE T1 BOX.
- CUSTOMER SHOULD TERMINATE THE OM4 MULTIMODE FIBER CABLES AT A FIBER PATCH PANEL/LIU WITH SC FIBER CONNECTORS FOR ALL TERMINATIONS.
- THE CUSTOMER SHALL SUPPLY ALL NECESSARY PATCH CABLES FROM THE PATCH PANEL/LIU TO THE STERIS EQUIPMENT USING AN SC FIBER CONNECTOR FOR CONNECTION TO THE STERIS EQUIPMENT.

EXAMPLE - SHARED RACK OR RACK ROOM CONNECTIVITY



STERIS Healthcare Design Group 5960 Hensley Road Mentor, OH 44060 USA 800-548-4873	REVISION SUMMARY				HEXAVUE INTEGRATION SYSTEM DISTANCE PACKAGE FIBER SPECS & REQUIREMENTS	LAYTON HOSPITAL INTERMOUNTAIN HEALTHCARE LAYTON, UTAH	11992D7-INT				
	REVISION #	DESCRIPTION	DESIGNER/DATE	CHECKER			DR	TM	CK	JTP	DATE
	01	INITIAL DESIGN	15MAY2024				SCALE		NTS	PAGE	01B

STERIS Responsibilities:

- Provide cable conduit drawings, electrical requirements, and mounting requirements for the room.
- Provide space, structural, and heat load requirements for the base unit.
- Provide site preparation specifications.
- Deliver all custom back boxes, mounting brackets, and construction-related items to the hospital in accordance with the mutually agreed upon construction or renovation schedule.
- Participate in project meetings in person, via conference call or via e-mail.
- Ship equipment in protective and labeled packaging.
- Ship cables and equipment on the scheduled ship date.
- Pull and terminate non-plenum cabling inside the OR through specified conduits and junction boxes as specified in the Product Description and Final Project Plan.
- Provide external cables and detailed specifications for the interconnectors only if external cabling is specified in the Customer Proposal and Final Project Plan.
- Provide a pre-installation checklist to verify site preparation is complete.
- Mount, install, and connect integration equipment - including video, audio, and control cables, cable terminations, wall cameras, wall monitors (does not include wall mounting brackets), base unit, touch screen controls, and surgical monitors - as applicable to project.
- Test and validate integration system to complete customer satisfaction.
- Provide the hospital with a certificate of completion signed by the install team and the hospital.
- Adjust STERIS surgical light brakes as necessary after installation of STERIS monitors.
- In-service hospital staff at the time of the install. Further in-service training may be scheduled as mutually agreed.
- Leave a tidy work area each evening and remove packing material to a customer provided on-site container.

Cabling and Fiber Responsibilities:

- All cables and fiber optic runs to locations outside the OR are the responsibility of the hospital.

Minimum Site Readiness

Successful and efficient installation of a complete integration system requires that the site be carefully prepared according to the project documentation and schematics. A site that is not ready when the installation team arrives will cause delays and additional expenses to both parties. If the installation site is not ready per the mutually agreed specifications, STERIS reserves the right to charge a change order fee and extend the timeline needed to finish project past the planned date given at the project's inception.

To be ready a site should have -

- All floor work must be complete
- All painting must be complete
- All electrical requirements must be installed and powered
- Room must be clean and free from dust

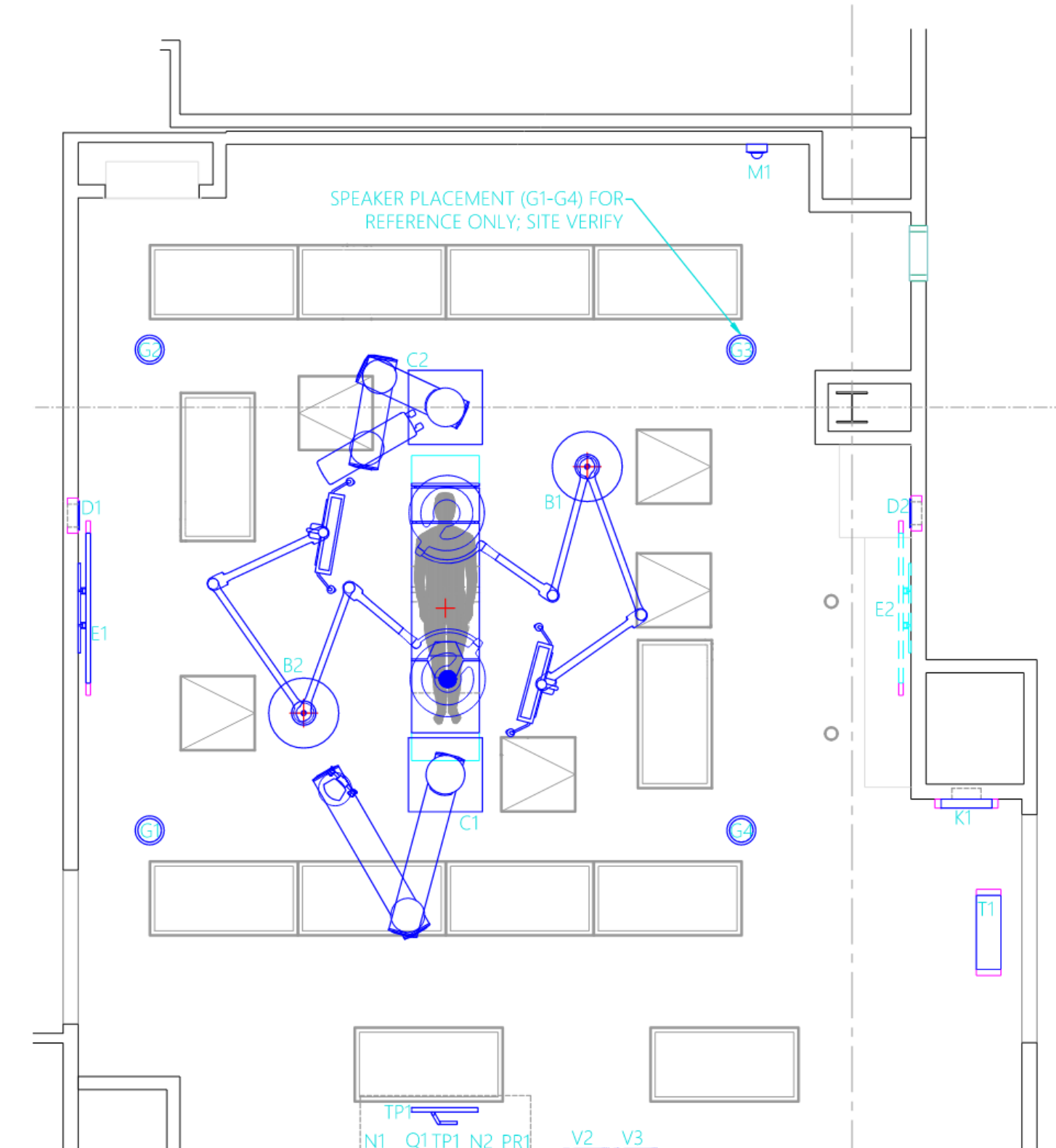
Customer or Customer's Designated Contractor Responsibilities:

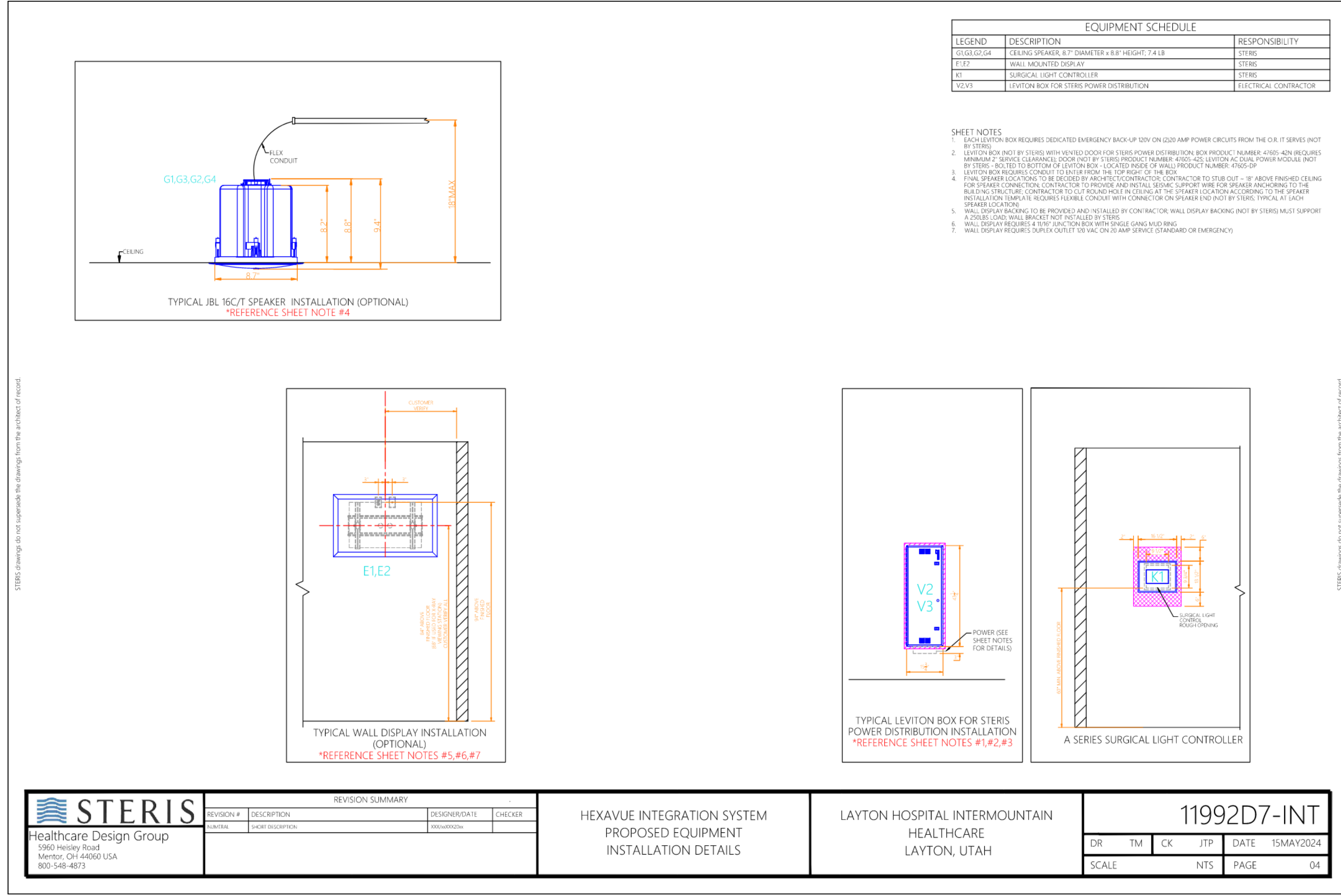
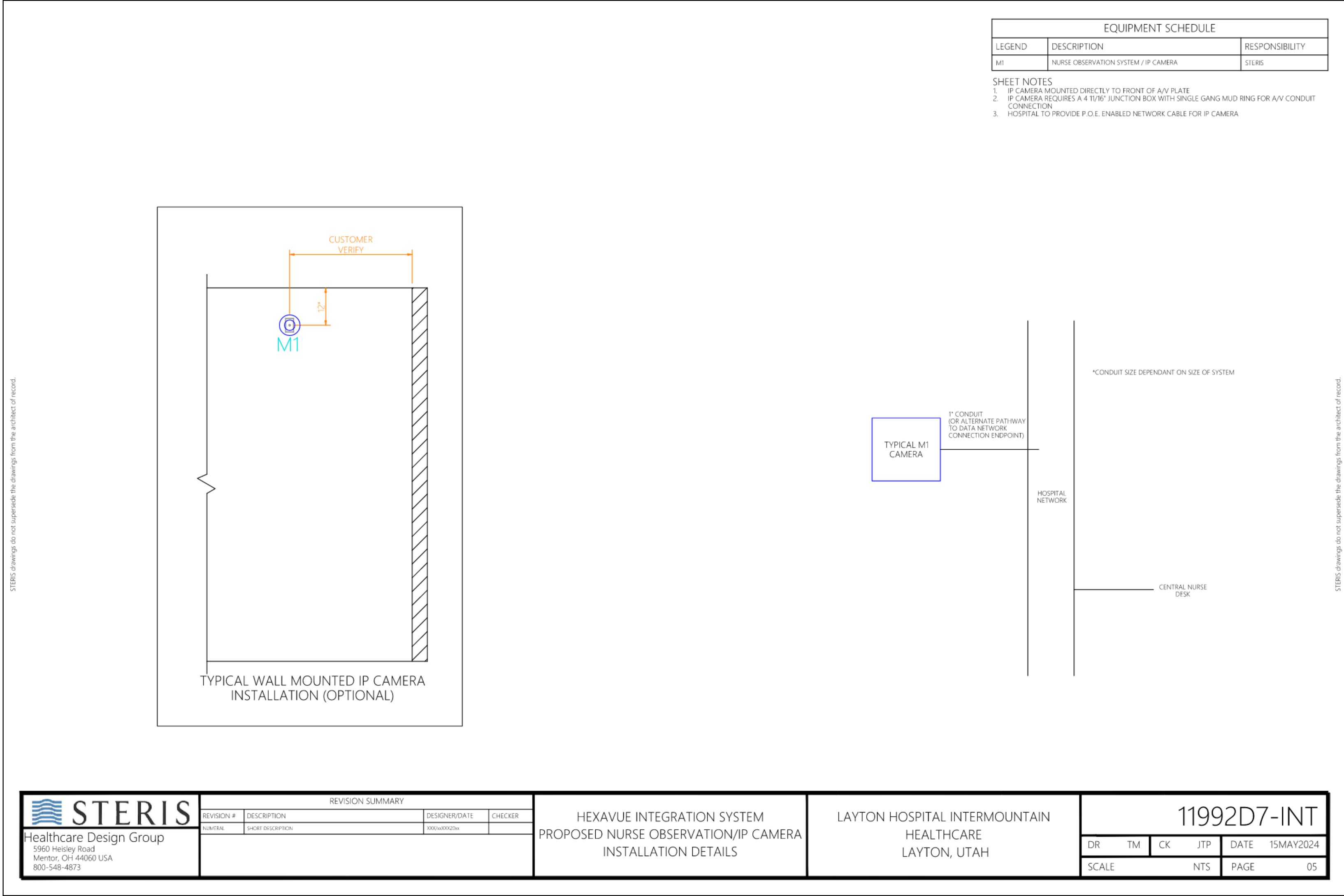
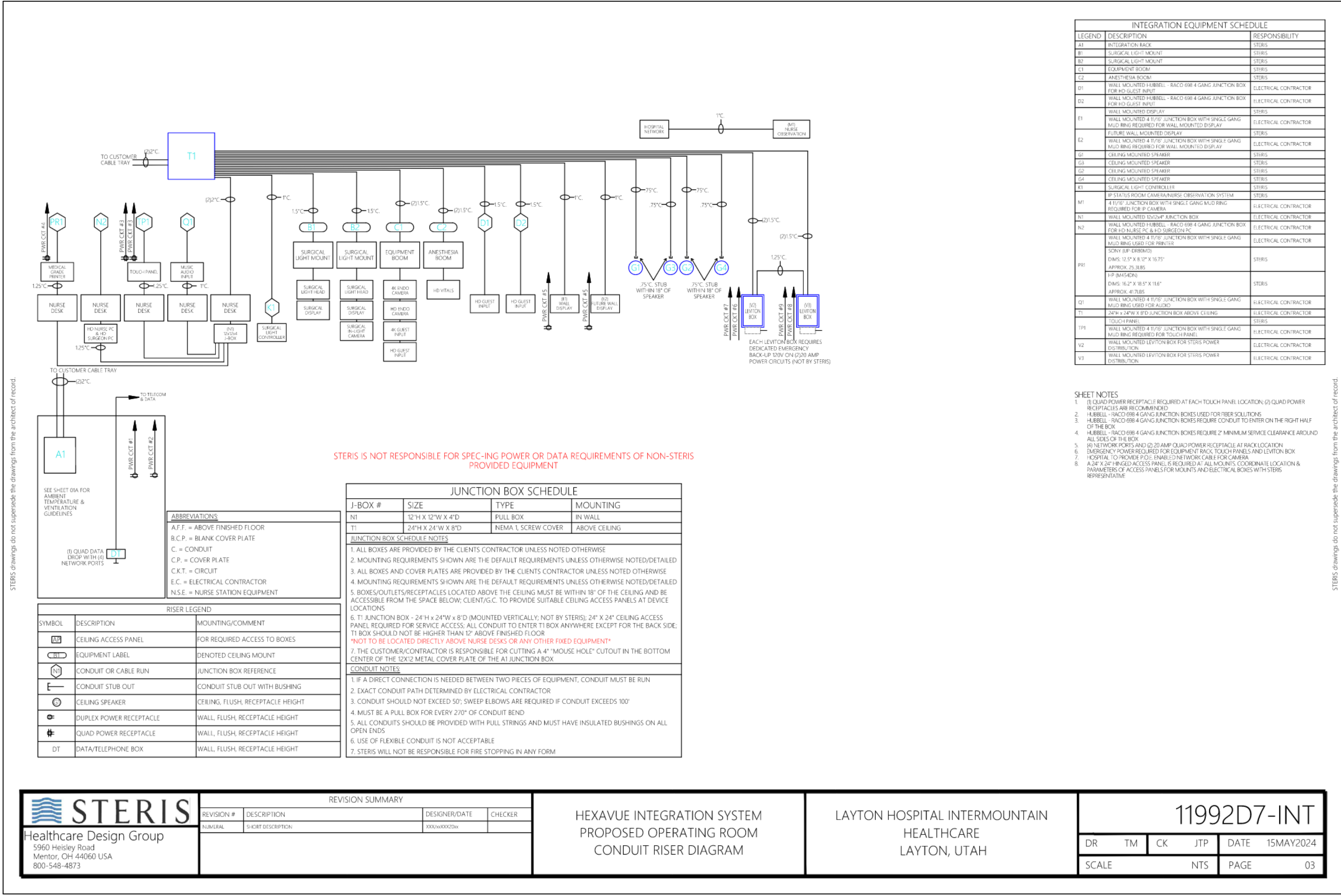
- Ensure that site preparations and construction are complete and ready for final integration installation - including electrical and network connections, finished floor and paint.
- Provide complete room schematics including electrical, mechanical, and equipment location details.
- Install cable conduit, junction boxes, electrical outlets, and mounting brackets according to project specifications.
- Ensure that all electrical requirements comply with local code.
- Ensure space, structural, and heat load requirements are met according to project specs and plan.
- Receive shipment and safely, securely store equipment if shipment arrives prior to requested installation date.
- Provide adequate access from delivery/storage area to installation site.
- Relocate equipment from on-site storage/delivery area to installation site.
- Run all cables outside the OR - including conduit, J-hooks, penetrations through firewall, video cables, radio antennae cables, or fiber optics to networking hubs and video conferencing hubs, communications closets, conference rooms, centralized nurse desks, rooftop, or other departments.
- Ensure that site preparations and construction are complete and ready for final integration installation - including electrical and network connections, finished floor and paint.
- Proactively schedule the installation in conjunction with the STERIS project manager.
- Provide a minimum of two (2) weeks advance notice for requested changes to the installation schedule.
- Remove old equipment or furniture from the room.
- Provide a clean, dry, dust free environment for equipment storage and installation.
- Provide a secure work site for storing ladders, toolboxes etc. during install.
- Provide easy access to all rooms involved in the installation during normal business hours and upon request after hours.
- Ensure that all non-STERIS or third party equipment and systems that are to be part of the integrated solution are on-site and functional at the time of installation - otherwise full testing and connections cannot be completed.
- Participate in a final walk-through evaluation of the system followed by a sign-off of the certificate of completion.
- Provide an on-site container for trash, including shipping and packing material. Empty container as needed and on a regular basis.

Customer or Customer's Designated Contractor Rack Clearance & Ventilation Guidelines:

- Reference site specific rack layout document provided by STERIS for total rack BTU estimation information.
- Customer or Customer's Designated Contractor responsible for ensuring proper ventilation of STERIS integration equipment.
- Contact your STERIS representative for any questions regarding STERIS integration equipment ventilation and/or BTU ratings.
- Ambient temperature surrounding rack or rack components should not exceed 75 degrees Fahrenheit.
- Rack or power supply components stored within case/work must be ventilated to allow proper air flow.

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LAYTON HOSPITAL MISC PROJECTS

KEY PLAN

REVISION NO. DESCRIPTION DATE

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DATE
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CONSTRUCTION DRAWINGS
SHEET TITLE
OR STERIS DRAWINGS

SHEET NO.

EP502

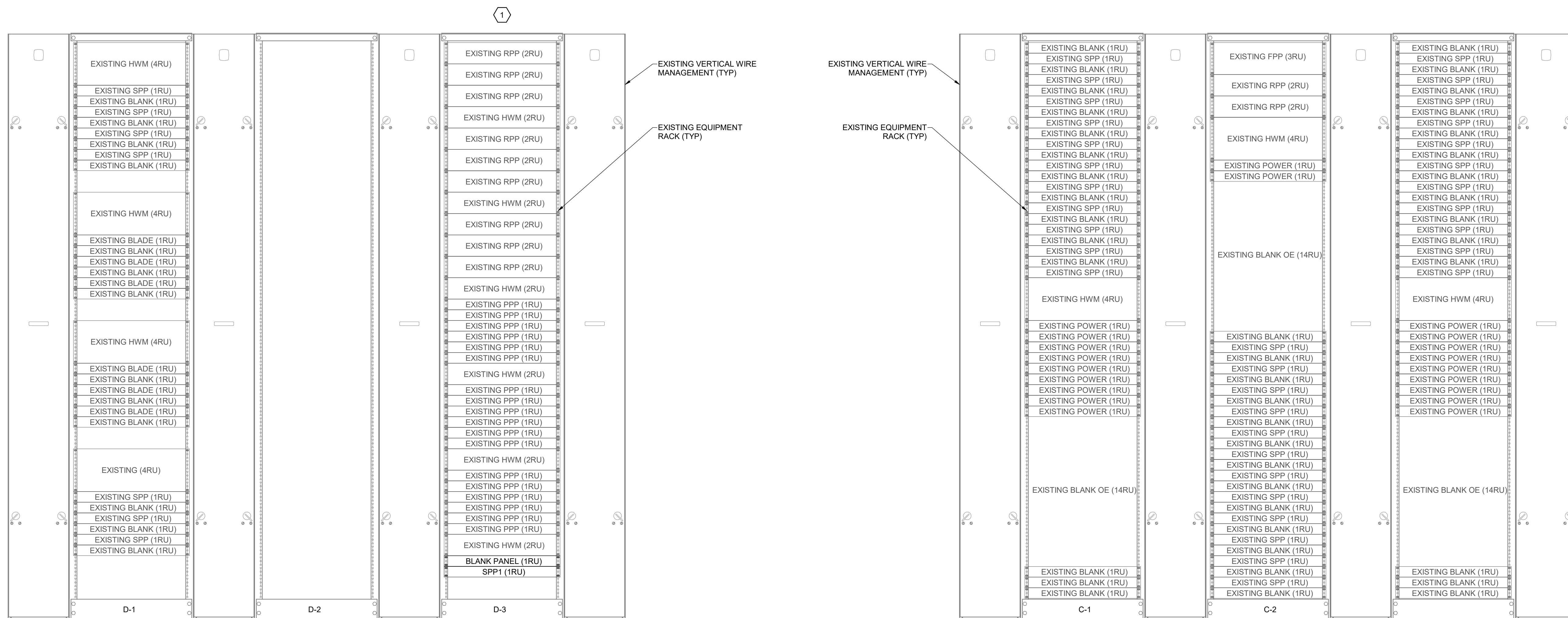


KEY PLAN

EVISION		
NO.	DESCRIPTION	DATE

BOOKS PROJECT NUMBER
26404.000
DATE
08/15/24
ISSUE
CONSTRUCTION
DRAWINGS
SHEET TITLE
TELECOM
EQUIPMENT RACK
ELEVATIONS
SHEET NO.

DATA DEVICE DROP SCHEDULE - TEC 12400				
DATA DEVICE TYPE	DETAIL LOCATION	COMM ROOM LOCATION	TOTAL BY FLOOR	NUM. OF DROPS
LEVEL				
CEILING DATA - CAMERA (1-DROP)		TEC 12400	1	0
WALL DATA (2-DROP)		TEC 12400	6	12
WALL DATA - ABOVE COUNTER (2-DROP)		TEC 12400	2	4
Grand total			9	16



TYPICAL EQUIPMENT RACK ELEVATION DETAIL, LEVEL 1, TEC 12400

1 CONTRACTOR TO COORDINATE FINAL TERMINATION LOCATION WITH OWNER PRIOR TO INSTALLATION.

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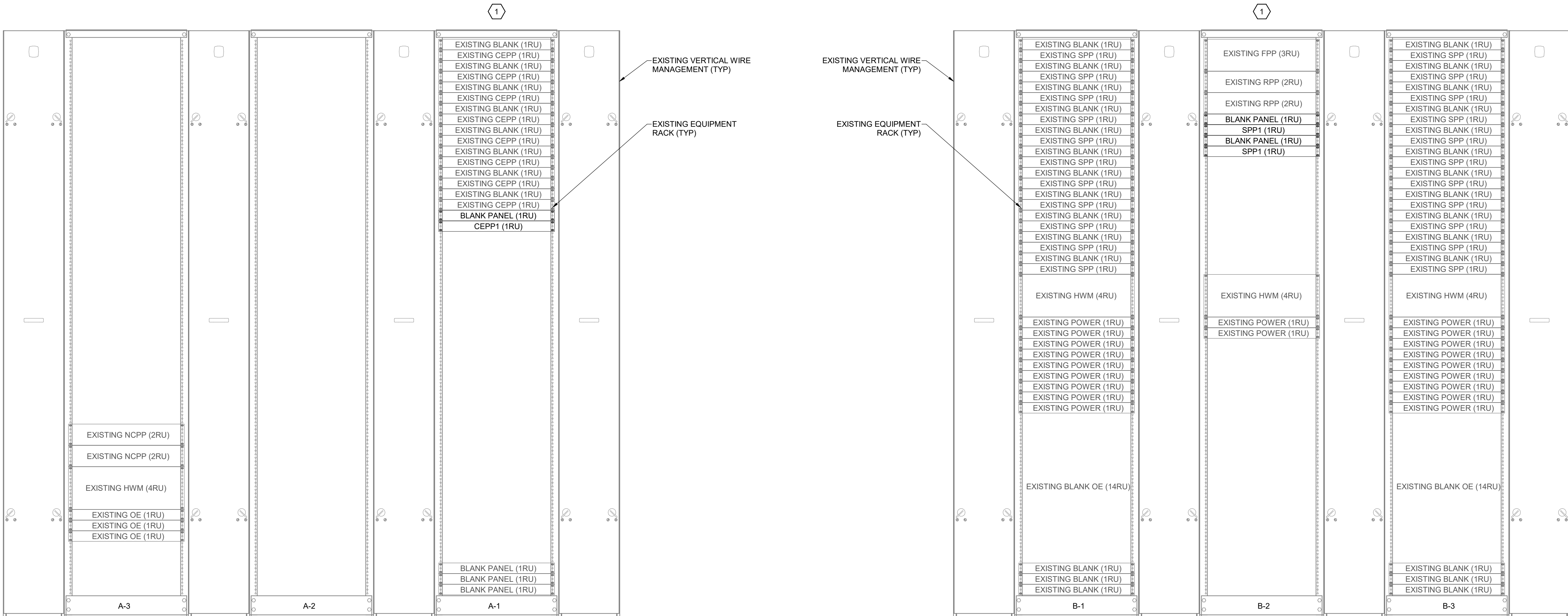
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LAYTON HOSPITAL
MISC PROJECTS

DATA DEVICE DROP SCHEDULE - TDR 22142

DATA DEVICE TYPE	DETAIL LOCATION	COMM ROOM LOCATION	TOTAL BY FLOOR	NUM. OF DROPS
LEVEL 2				
CEILING DATA (1-DROP)		TDR 22142	2	2
CEILING DATA (4-DROP)		TDR 22142	1	4
CEILING DATA (6-DROP)		TDR 22142	1	6
CEILING DATA - CAMERA (1-DROP)		TDR 22142	4	2
FLOOR DATA (4-DROP)		TDR 22142	3	12
WALL DATA (2-DROP)		TDR 22142	27	54
WALL DATA (4-DROP)		TDR 22142	1	4
WALL DATA - ABOVE COUNTER (2-DROP)		TDR 22142	5	10
WALL DATA - MONITOR (3-DROP)		TDR 22142	2	6
Grand total			46	100



1 TYPICAL EQUIPMENT RACK ELEVATION DETAIL, LEVEL 2, TDR 22142

SCALE: NTS

KEY PLAN

REVISION
NO. DESCRIPTION DATE

HKS PROJECT NUMBER

26404.000

DATE

08/15/24

ISSUE

CONSTRUCTION

DRAWINGS

SHEET TITLE

TELECOM

EQUIPMENT RACK

ELEVATIONS

SHEET NO.

EP552

1 CONTRACTOR TO COORDINATE FINAL TERMINATION LOCATION WITH OWNER PRIOR TO INSTALLATION.

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SHEETS PROJECT NUMBER
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SHEET TITLE
TELECOM
EQUIPMENT RACK
ELEVATIONS
SHEET NO.

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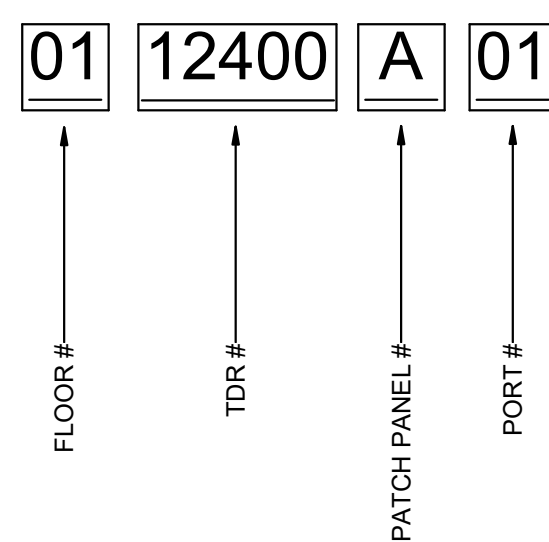
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MURRAY, UTAH 84107

ELECTRICAL ENGINEER

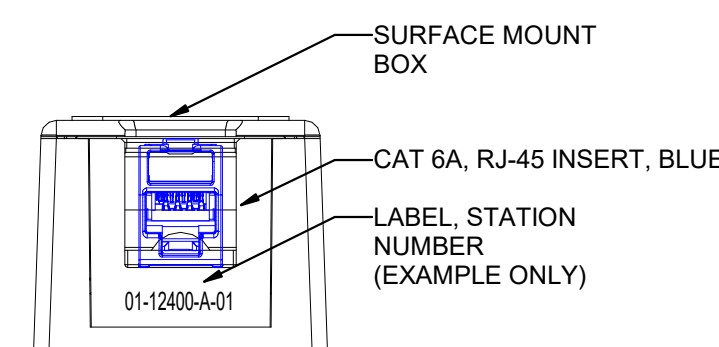
SPECTRUM ENGINEERS, INC.
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MISC PROJECTS**

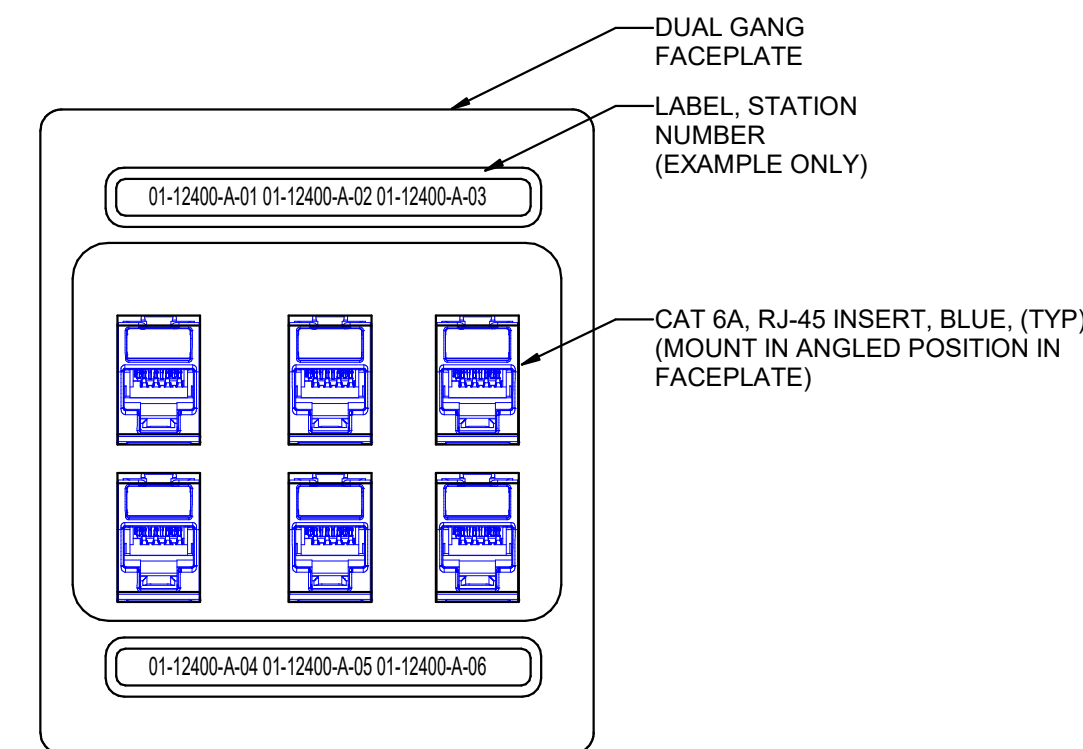
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EXAMPLE DETAIL**

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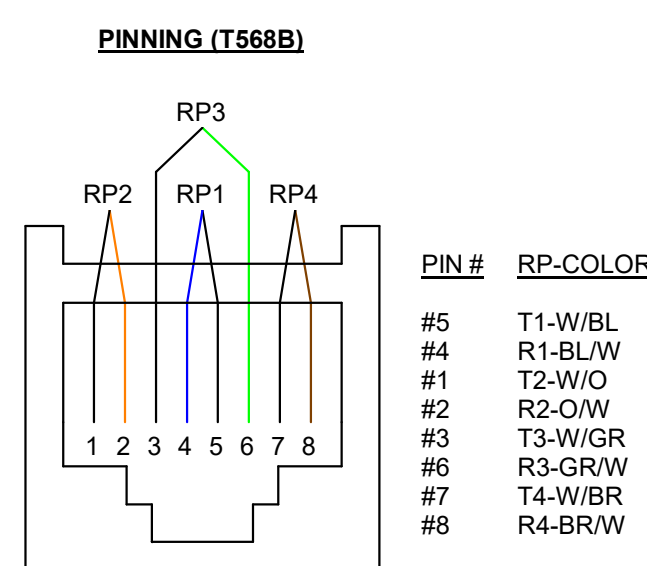
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OUTLET**

SCALE: NTS



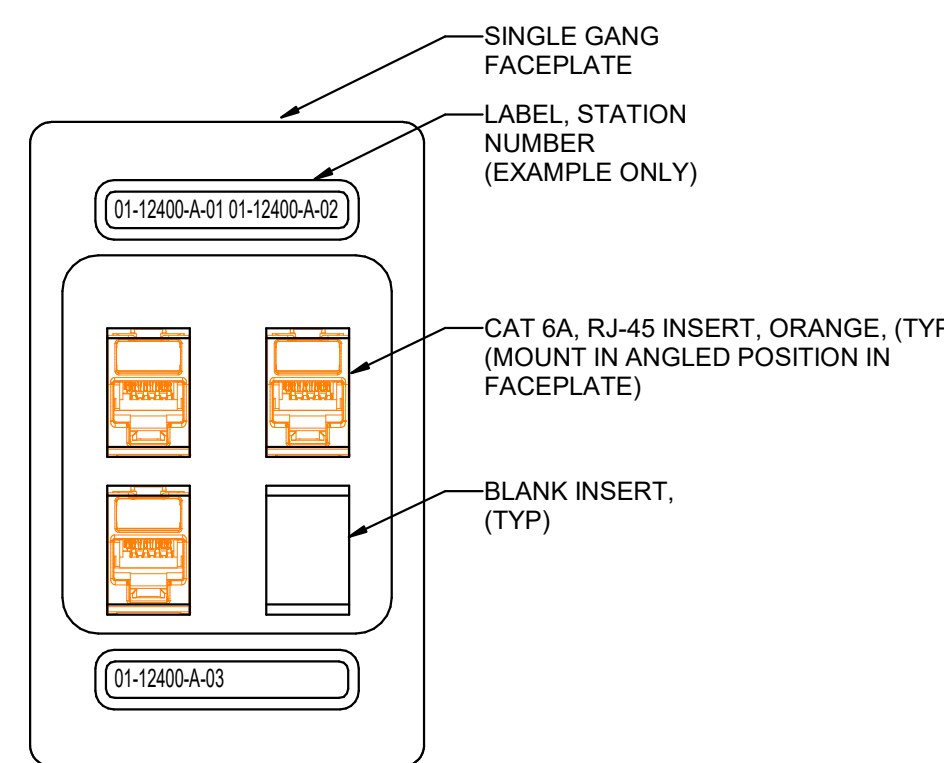
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OUTLET**

SCALE: NTS



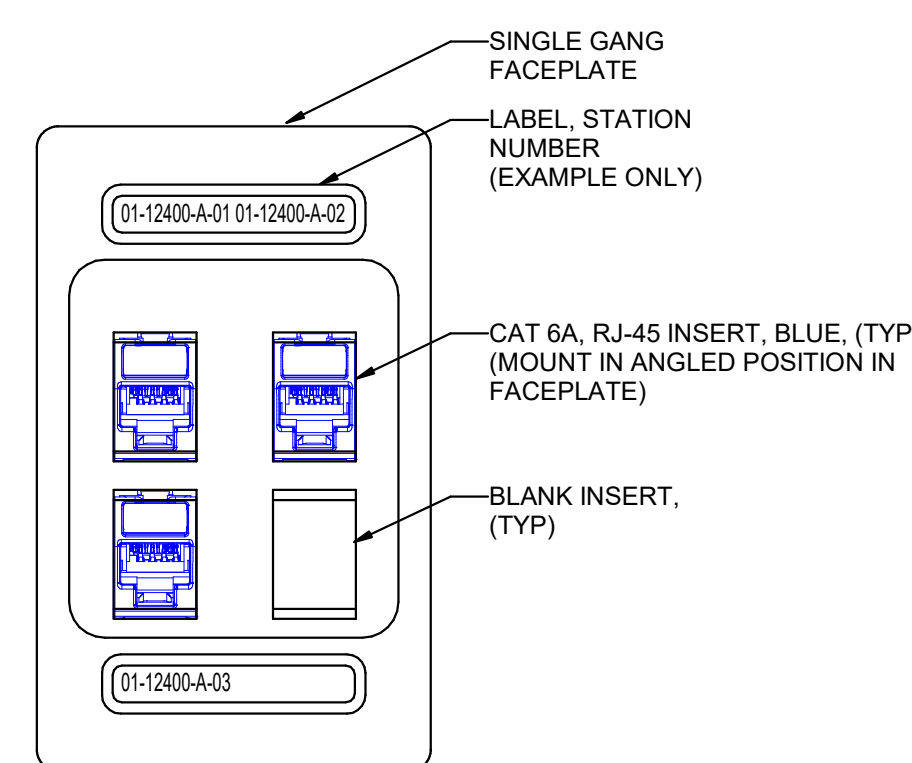
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PINNING DETAIL**

SCALE: NTS



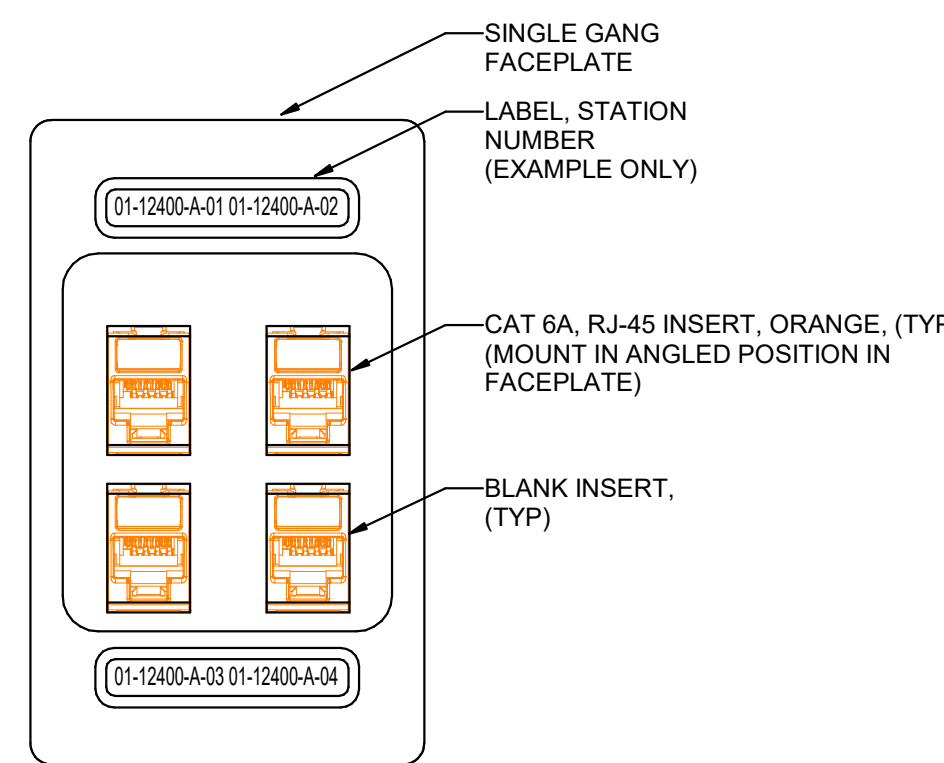
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MON WALL DATA OUTLET**

SCALE: NTS



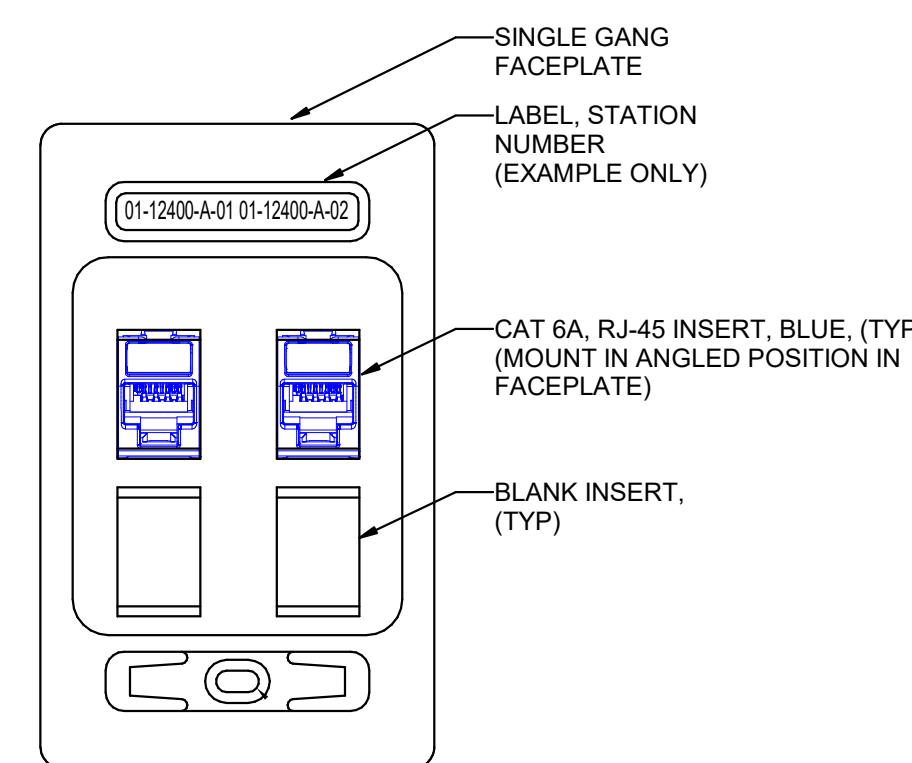
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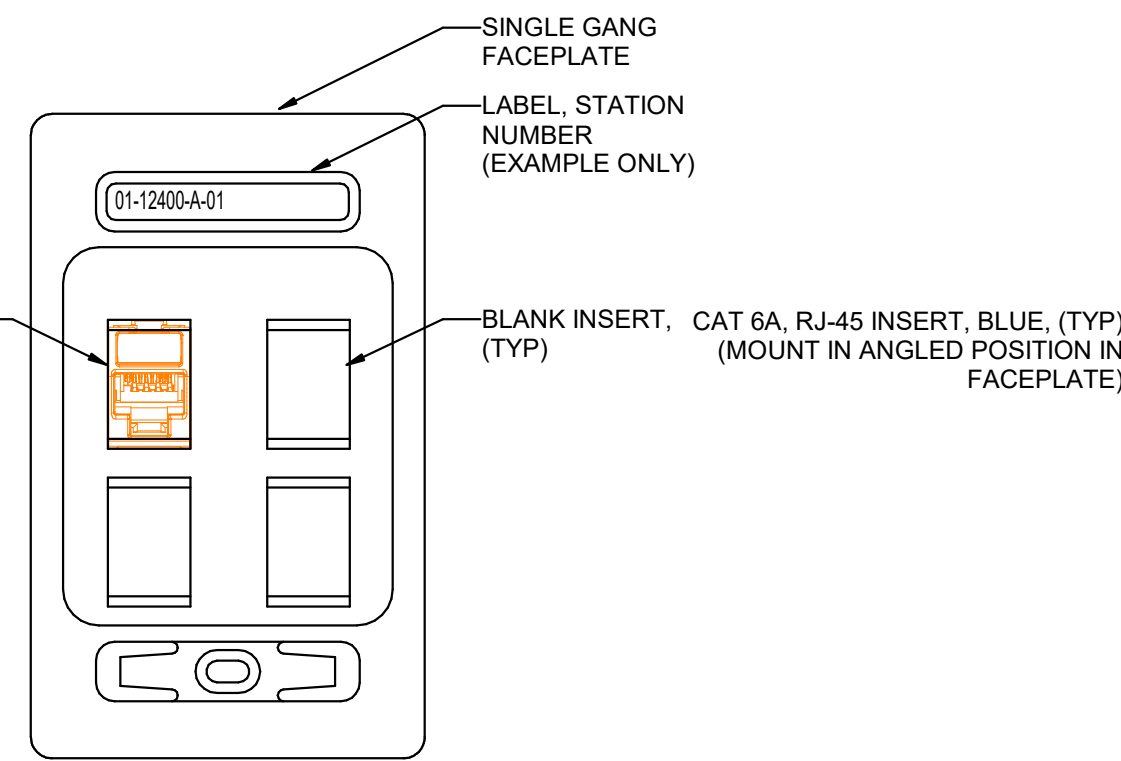
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MON WALL DATA OUTLET**

SCALE: NTS



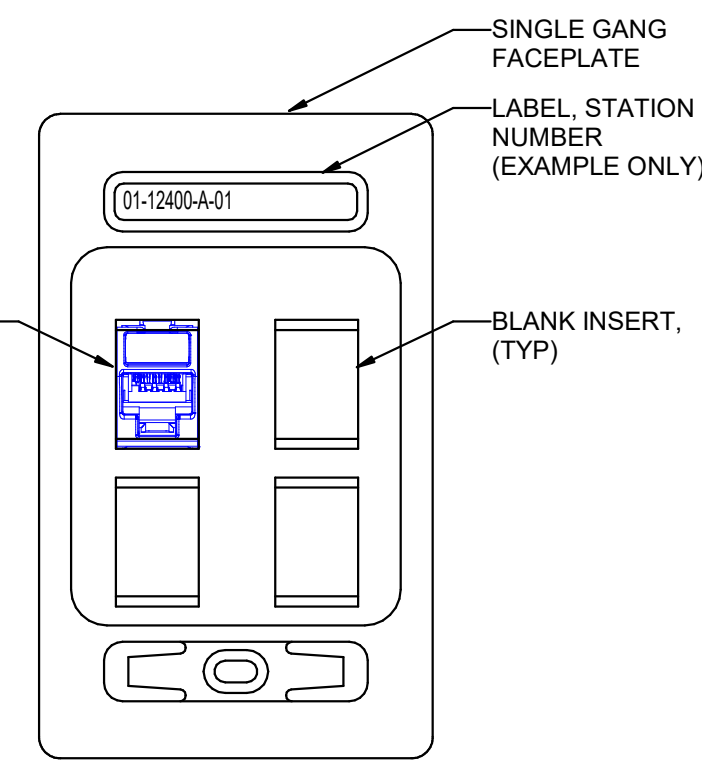
**TYPICAL 2-PORT WALL DATA
OUTLET**

SCALE: NTS



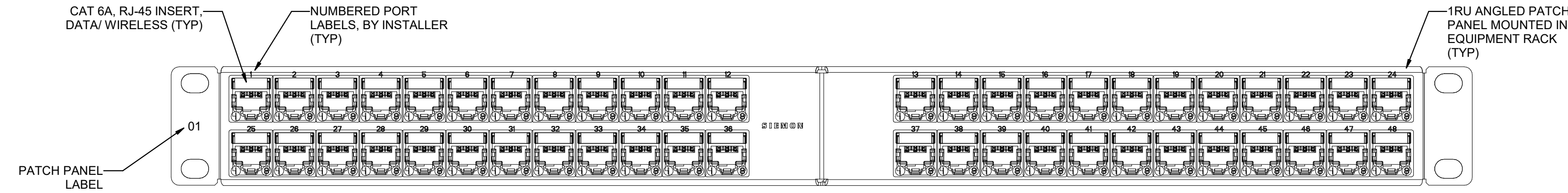
**TYPICAL 1-PORT PHYS
MON WALL DATA OUTLET**

SCALE: NTS



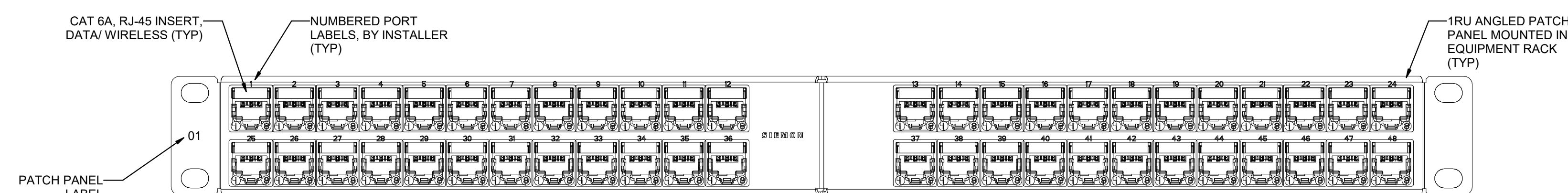
**TYPICAL 1-PORT WALL DATA
OUTLET**

SCALE: NTS



CLINICAL ENGINEERING PATCH PANEL, CEPP1, SIEMON, ANGLED

SCALE: NTS



STATION PATCH PANEL, SPP1, SIEMON, ANGLED

SCALE: NTS

KEY PLAN

REVISION
NO. DESCRIPTION DATE

HKS PROJECT NUMBER
26404.000
DATE
08/15/24
ISSUE
CONSTRUCTION
DRAWINGS
SHEET TITLE
TELECOM DETAILS

SHEET NO.

EP554

MISC PROJECTS

LAN

ON	DESCRIPTION	DATE
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PROJECT NUMBER
404.000

15/24

INSTRUCTION
DRAWINGS

OF TITLE
LECOM RISER
DIAGRAMS

NO.

EP651



PLOT DATE: 8/15/2024 4:38:09 PM TEMPLATE VERSION:

INTERIOR LIGHTING FIXTURE SCHEDULE												
GENERAL NOTES												
<div><div><div><div></div><div>DIAMETER</div></div><div><div></div><div>HEIGHT</div></div></div><div><div><div></div><div>LENGTH</div></div><div><div></div><div>WIDTH</div></div></div><div><div></div><div>HEIGHT</div></div></div>		<div>1. SUBSTITUTIONS AND/OR EQUAL FIXTURES MUST RECEIVE APPROVAL PRIOR TO BIDDING, THEY MUST BE SUBMITTED TO THE ENGINEER NO LESS THAN 2 WEEKS PRIOR TO BID OPENING.</div> <div>2. SAMPLES MUST BE PROVIDED FOR ANY AND ALL FIXTURES UPON A/E REQUEST PRIOR TO RELEASING FIXTURES.</div> <div>3. ALL FIXTURES SHALL BE LISTED AND APPROVED FOR THEIR INTENDED USE AND LOCATION.</div> <div>4. VERIFY THE PROPER MOUNTING KITS OR ACCESSORIES TO FACILITATE INSTALLATION AS SHOWN AT EACH LOCATION ON THE DRAWINGS.</div> <div>5. COMPLY WITH THE "INTERIOR LIGHTING" SECTION OF THE SPECIFICATIONS.</div> <div>6. ALL LIGHT FIXTURES TO BE EITHER "DLC" OR "LIGHTING FACTS" LISTED OR TO BE APPROVED BY ARCHITECT/ENGINEER AND OWNER.</div> <div>7. CONTRACTOR ALLOWANCE PRICES ARE ACCURATE WHEN THIS JOB WAS SPECIFIED. CONTRACTOR AND ELECTRICAL DISTRIBUTOR SHALL VERIFY THIS ALLOWANCE AND REPORT ANY PROBLEMS TO THE ENGINEER BEFORE THE BID. ALLOWANCE PRICE MAY OR MAY NOT INCLUDE LAMP(S) OR FREIGHT AS NOTED, AND DO NOT INCLUDE ANY TAXES.</div>										
ID	DESCRIPTION	SIZE (NOMINAL)	LUMINAIRE DELIVERED DIRECT LUMENS	LUMINAIRE DELIVERED INDIRECT LUMENS	COLOR TEMP	CRI	DRIVER			MANUFACTURER (CATALOG SERIES)		
							TYPE	VOLTAGE	WATTS			
(D6)	DESCRIPTION: 6" ROUND, RECESSED LED DOWNLIGHT, SEMI-SPECULAR REFLECTOR MOUNTING: CEILING, RECESSED FINISH: WHITE TRIM FINISH OPTICS: - OPTIONS: - EM: -	LENGTH: - WIDTH: - DEPTH: 0" - 6" DIAMETER: 0" - 6"	1,500		3500K		0-10V DIMMING (1%)	120/277	19	GOTHAM (EVO 35/15 AR LSS MWD MVOLT G21 TRW) HALO (HC615D010HM612835 61MDHWF) LIGHTOLIER (6RNP6RDL15835CCZ10U)		
(D6-S)	DESCRIPTION: 6" ROUND, RECESSED LED SHOWER DOWNLIGHT, LENSED MOUNTING: CEILING, RECESSED FINISH: WHITE TRIM FINISH OPTICS: - OPTIONS: - EM: -	LENGTH: - WIDTH: - DEPTH: - DIAMETER: 0" - 6"	1,500		3500K		0-10V DIMMING (1%)	120/277	19	GOTHAM (EVO 35/15-6DFR) LITON (LHALD) HALO (HC615) INTENSE (SS6G3DR)		
(D6M)	DESCRIPTION: 6" ROUND, RECESSED LED DOWNLIGHT, SEMI-SPECULAR REFLECTOR MOUNTING: CEILING, RECESSED FINISH: WHITE TRIM FINISH OPTICS: - OPTIONS: - EM: -	LENGTH: - WIDTH: - DEPTH: - DIAMETER: 0" - 6"	2,000		3500K		0-10V DIMMING (1%)	120/277	23	GOTHAM (EVO 35/15 AR LSS MWD MVOLT G21 TRW) HALO (HC615D010HM612835 61MDHWF) LIGHTOLIER (6RNP6RDL15835CCZ10U)		
(DX6)	DESCRIPTION: 6" ROUND, RECESSED LED LENSED SURGICAL DOWNLIGHT, WET LOCATION, REGRESSED LENS, WHITE REFLECTOR MOUNTING: CEILING, RECESSED FINISH: WHITE TRIM FINISH OPTICS: - OPTIONS: - EM: -	LENGTH: - WIDTH: - DEPTH: - DIAMETER: 0" - 6"	2,000		3500K		0-10V DIMMING (1%)	120/277	23	GOTHAM (EVO 35/20 6WR WD MVO LT EZ10)		
(EGF101)	DESCRIPTION: 2' X 4' LED SURGICAL TROFFER MOUNTING: CEILING, RECESSED FINISH: - OPTICS: - OPTIONS: - BATTERY PACK, FLANGE KIT EM: -	LENGTH: 4' - 0" WIDTH: 2' - 0" DEPTH: -	16,000		3500K		0-10V DIMMING (1%)	120/277	200	KENALL (M4SEDI-14-76L35K-DCC-DV-2F-PAH-ASYM (LEL)) KURTZON (ML-OR) NEW STAR(SSSF24-HCOC-L8351-A-UN-DM)		
(FG22)	DESCRIPTION: 2' X 2' LED FLAT PANEL, GRID LAY-IN MOUNTING: CEILING, RECESSED FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 2' - 0" WIDTH: 2' - 0" DEPTH: -	3,400		3500K		0-10V DIMMING (1%)	120/277	40	DAYBRITE (2FPZ38L840WDSUNVDM) LITHONIA (EPANL) TRULY GREEN SOLUTIONS (882440-35-S-F)		
(FG24)	DESCRIPTION: 2' X 4' LED FLAT PANEL, GRID LAY-IN MOUNTING: CEILING, RECESSED FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 4' - 0" WIDTH: 2' - 0" DEPTH: -	4,300		3500K		0-10V DIMMING (1%)	120/277	50	DAYBRITE (2FPZ43L834DSUNV DIM) LITHONIA (EPANL) TRULY GREEN SOLUTIONS (882440-35-S-F)		
(GF14)	DESCRIPTION: 1' X 4' LED SURGICAL TROFFER MOUNTING: CEILING, RECESSED FINISH: - OPTICS: - OPTIONS: - FLANGE KIT EM: -	LENGTH: 4' - 0" WIDTH: 1' - 0" DEPTH: -	8,000		3500K		0-10V DIMMING (1%)	120/277	100	KENALL (M4SEDI-14-76L35K-DCC-DV-2F-PAH-ASYM (LEL))		
(GF101)	DESCRIPTION: 2' X 4' LED SURGICAL TROFFER MOUNTING: CEILING, RECESSED FINISH: - OPTICS: - OPTIONS: - FLANGE KIT EM: -	LENGTH: 4' - 0" WIDTH: 2' - 0" DEPTH: -	16,000		3500K		0-10V DIMMING (1%)	120/277	200	KENALL (M4SEDI-24-76L35K-DCC-DV-2F-PAH-ASYM (LEL)) KURTZON (ML-OR) NEW STAR(SSSF24-HCOC-L8351-A-UN-DM)		
(LG4)	DESCRIPTION: 4" X 4' LINEAR RECESSED SLOT, GRID MOUNT MOUNTING: CEILING, RECESSED FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 4" - 0" WIDTH: 0" - 4" DEPTH: -	2,000		3500K		0-10V DIMMING (1%)	120/277	22	PINNACLE (E4A-835-4'-GX-U-OL-1-1-W) NECRAY (S12ADR) MARK LIGHTING (SL4L)		
(LG8)	DESCRIPTION: 4" X 8' LINEAR RECESSED SLOT, GRID MOUNT MOUNTING: CEILING, RECESSED FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 8" - 0" WIDTH: 0" - 4" DEPTH: -	4,000		3500K		0-10V DIMMING (1%)	120/277	48	PINNACLE (E4A-835-8'-GX-U-OL-1-1-W) NECRAY (S12ADR) MARK LIGHTING (SL4L)		
(NR)	DESCRIPTION: LED NIGHTLIGHT, RECESSED IN WALL, AMBER MOUNTING: RECESSED, WALL FINISH: WHITE GLOSS FINISH OPTICS: - OPTIONS: TORX HEAD WITH CENTER PIN FASTENERS, HIGH IMPACT ACRYLIC LENS EM: -	LENGTH: 0" - 2.5" WIDTH: 0" - 3" DEPTH: -	150		AMBER		NO DIMMING	120/277	5	KENNAL (MCSL-HR-MW-2L35K-DV) HEALTHCARE (HNL610-MV-LED-AMB-TR-FW) NEW STAR (HNL HH LA UN NF ND AM)		
(PC4)	DESCRIPTION: 4" PENDANT STEM CYLINDER MOUNTING: PENDANT FINISH: SCBA OPTICS: CLEAR REFLECTOR, MATTE DIFFUSE, MEDIUM WIDE DISTRIBUTION OPTIONS: COORDINATE WITH ARCHITECT IN FIELD FOR SUSPENSION HEIGHT EM: NONE	HEIGHT: 9" DIAMETER: 5.5" APERTURE: 4"	1,500		3000K	80	0-10V DIMMING (1%)	120/277V	14	GOTHAM (EVO4PC) PORTFOLIO (LER46) LIGHTOLIER (C4PDL)		
(PE1)	DESCRIPTION: LAY-IN GRID MOUNT, AMBIENT/READING AND EXAM LIGHT WITH 2 DIRECTIONAL READING LIGHTS, INGRESS BARRIER DOOR, ANTIMICROBIAL FINISH ON EXPOSED SURFACES, 7400 LUMEN EXAM LIGHT, 4000 LUMEN AMBIENT LIGHT MOUNTING: RECESSED FINISH: - OPTICS: - OPTIONS: EXAM, AMBIENT, READING EM: -	LENGTH: 4' - 0" WIDTH: 2' - 0" DEPTH: -	11,400		3500K		0-10V DIMMING (1%)	120/277	135	KENALL (MPCAD24-G-45/80L40K-DCC-DV-1 B-AC-AMF-LRL) NEW STAR (SMDOS-HC-L340-L240-RL-UN) HEALTHCARE (HPT624-G-UNV-PAH-LED40-FC100-LV D-AC-DIM-AM-SL)		
(PE-3)	DESCRIPTION: LABOR AND DELIVERY MOTORIZED PROCEDURE LIGHT MOUNTING: RECESSED FINISH: - OPTICS: - OPTIONS: - EM: -	LENGTH: 2' - 0" WIDTH: 2' - 0" DEPTH: -	8,000		3500K	80	-	120/277	280	OWNER FURNISHED CONTRACTOR INSTALLED		
(SC2)	DESCRIPTION: 2" CYLINDER MOUNTING: WALL FINISH: SCBA OPTICS: CLEAR REFLECTOR, MATTE DIFFUSE, MEDIUM DISTRIBUTION OPTIONS: - EM: NONE	HEIGHT: 5" DIAMETER: 3" APERTURE: 2"	1,500		3000K	80	LED (0-10V DIMMING) 1%	120/277V	14	GOTHAM (EVO4SC) SENSO (6S2) LIGHTOLIER (C2CPSDL)		
(SW2)	DESCRIPTION: 2' LED VANITY LIGHT, SATIN CHROME FINISH, 2.25" WIDE MOUNTING: SURFACE, WALL FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 2' - 0" WIDTH: 0" - 2.25" DEPTH: -	2,000		3500K		NO DIMMING	120/277	19	EDGE LIGHT (TW12-S11-1RE-36"-35K-CH) EUREKA (3S41-3S-LED-17-40-120/277-SC-WH) LBL (LW496-OP-XX-LED-277) WAC (WS-77363) BIRCHWOOD (NOL-LED-225)		
(TG24)	DESCRIPTION: 2' X 4' LED TROFFER, EDGE LIT PANELS, GRID LAY-IN MOUNTING: CEILING, RECESSED FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 4' - 0" WIDTH: 2' - 0" DEPTH: -	4,300		3500K		0-10V DIMMING (1%)	120/277	60	METALUX (24EN-LD2-45-UNV-L835-CD1-U) HE WILLIAMS (AP-22-L43R35-DIM1-UMV) LITHONIA (EVNX)		
(TG24H)	DESCRIPTION: 2' X 4' LED TROFFER, EDGE LIT PANELS, GRID LAY-IN MOUNTING: CEILING, RECESSED FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 4' - 0" WIDTH: 2' - 0" DEPTH: -	6,700		3500K		0-10V DIMMING (1%)	120/277	60	METALUX (24EN-LD2-45-UNV-L835-CD1-U) HE WILLIAMS (AP-22-L43R35-DIM1-UMV) LITHONIA (EVNX)		
(UC2)	DESCRIPTION: 2' LED UNDERCABINET LIGHT MOUNTING: SURFACE FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 2' - 0" WIDTH: - DEPTH: -	600		3500K		ELV DIMMING	120/277	8	DAY-BRITE (LINGS100E-L28-935-UNV-WHG-DIM) KENALL (AULCED-AMW-11L35K-24-277) AIREX-THOMPSON (13HC-N-35K-24-2-3-D11) KELVIX (UC22-3040-010V 120/277 WH)		
(WB1)	DESCRIPTION: 2' LED PATIENT ROOM VANITY LIGHT, SATIN CHROME FINISH, 2.25" WIDE MOUNTING: SURFACE, WALL FINISH: SCBA OPTICS: - OPTIONS: - EM: -	LENGTH: 2' - 0" WIDTH: 0" - 2.25" DEPTH: -	2,000		3500K		LED (0-10V DIMMING) 1%	120/277	21	LUMINI (EXPV-24 HE48MD 40 F WNT BROWNLEE (1276 NT H16 40K AMF)		

LAYTON HOSPITAL
MISC PROJECTS

REVISION	NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER
26404.000
DATE
08/15/24
ISSUE
CONSTRUCTION
SHEET TITLE
DRAWINGS
INTERIOR
LIGHTING FIXTURE
SCHEDULE
SHEET NO.

EL601

HKS

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PLOT DATE: 8/15/2024 4:58:11 PM TEMPLATE VERSION:

LIGHTING/SPACE CONTROL TYPE SCHEDULE																				
WIRING LEGEND		APPROVED MANUFACTURERS	LIGHTING CONTROL ID	GENERAL NOTES										GENERAL NOTES						
— LINE VOLTAGE WIRING		1. WATTSTOPPER (BASIS OF DESIGN)	1. # = NUMBER OF ZONES	1. COORDINATE INITIAL PROGRAMMING WITH OWNER AND MODIFY CONTROL TIMES AND OPERATION AS REQUESTED BY OWNER.										5. REFER TO PLANS FOR LOCATIONS AND QUANTITIES OF DEVICES.						
- - - 0-10V WIRING		2. NLIGHT	2. D = DIMMING, S = SWITCHING	2. PROVIDE FINE TUNING PROGRAMMING AND ADJUSTMENTS UPON REQUEST BY OWNER WITHIN FIRST 6 MONTHS AFTER SUBSTANTIAL COMPLETION.										6. INSTALL ONE OF EACH CONTROL TYPE WITH PROGRAMMING, ADJUST, AND OBTAIN OWNERS APPROVAL PRIOR TO PROGRAMMING THE REMAINING CONTROLS.						
- · - · - CATSE CABLING		3. HUBBELL BUILDING AUTOMATION	3. P = DAYLIGHT PHOTOCELL	3. PROVIDE CUSTOMIZED ENGRAVED PERMANENT BUTTON LABELS ON EACH SWITCH, LABEL TO MATCH BUTTON LABEL ID OR AS DIRECTED BY OWNER.										7. WIRING MAY VARY BETWEEN MANUFACTURERS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE REQUIRED WIRING THAT WILL BOTH MEET THE MANUFACTURERS REQUIREMENTS AND MATCH WITH THE SHOWN SYSTEM.						
—— WIRING BY OTHERS		4. GREENGATE	4. L = PLUG LOAD CONTROLLER	4. PART NUMBERS SHOWN ARE BASED ON WATTSTOPPER AS THE BASIS OF DESIGN. ALL APPROVED MANUFACTURERS ARE SUBJECT TO MEETING ALL FUNCTIONS AND CAPABILITIES OF THE BASIS OF DESIGN SYSTEM AND PRODUCTS. FAILURE TO MEET THESE SHALL REQUIRE THE CONTRACTOR TO PROVIDE A SYSTEM THAT DOES AT NOT ADDITIONAL COST.										8. PROVIDE COMPLETE SHOP DRAWING SUBMITTALS INCLUDING OCCUPANCY SENSOR LAYOUT AND COVERAGE PATTERNS. PROVIDE ADDITIONAL SENSORS AS REQUIRED FOR 100% COVERAGE OF SPACES WITH OCCUPANCY SENSOR CONTROL.						
○ — TWP SEGMENT NETWORK CABLING			5. # = INSTANCE																	
ID	DETAIL		LIGHTS ON CONTROL	LIGHTS OFF CONTROL	LIGHTING CONTROL TYPE	DAYLIGHT SENSOR SETTING (FC)	TIME DELAY TO OFF (MIN.)	BAS AUX RELAY SIGNAL	PLUG LOAD CONTROLLER	NETWORKED CONTROLS	BUTTON_1	BUTTON_2	BUTTON_3	BUTTON_4	BUTTON_5	BUTTON_6	BUTTON_7	BUTTON_8	BUTTON_9	NOTES
1D1			MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	-	15	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS TOP-ON, HOLD TOP-RAISE LABEL ID: TOP: "ON/RAISE" BOTTOM-"OFF"/LOWER"	-	-	-	-	-	-	-	-	
1S3			MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	ON/OFF	-	15	RELAY CLOSED ON OCCUPANCY	-	-	FUNCTION: PRESS-ON LABEL ID: "ON"	FUNCTION: PRESS-OFF LABEL ID: "OFF"	-	-	-	-	-	-	-	
2D1			MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY	DIMMING 0-10V	-	15	RELAY CLOSED ON OCCUPANCY	-	-	TOGGLE PRESS TOP-ON, PRESS PRESET SCENE #01 ZONE "a" 0% ZONE "b" 75% ZONE "a" 75% ZONE "b" 75% TOP-RAISE, HOLD BOTTOM-"OFF"/LOWER"	FUNCTION: PRESS- PRESET SCENE #01 ZONE "a" 0% ZONE "b" 75% LABEL ID: "PRE #1"	FUNCTION: PRESS- PRESET SCENE #02 ZONE "a" 0% ZONE "b" 50% LABEL ID: "PRE #2"	FUNCTION: PRESS- SELECT ZONE "a" FOR DIMMING LABEL ID: "ZONE a"	FUNCTION: PRESS- SELECT ZONE "b" FOR DIMMING LABEL ID: "ZONE b"	-	-	-	-	

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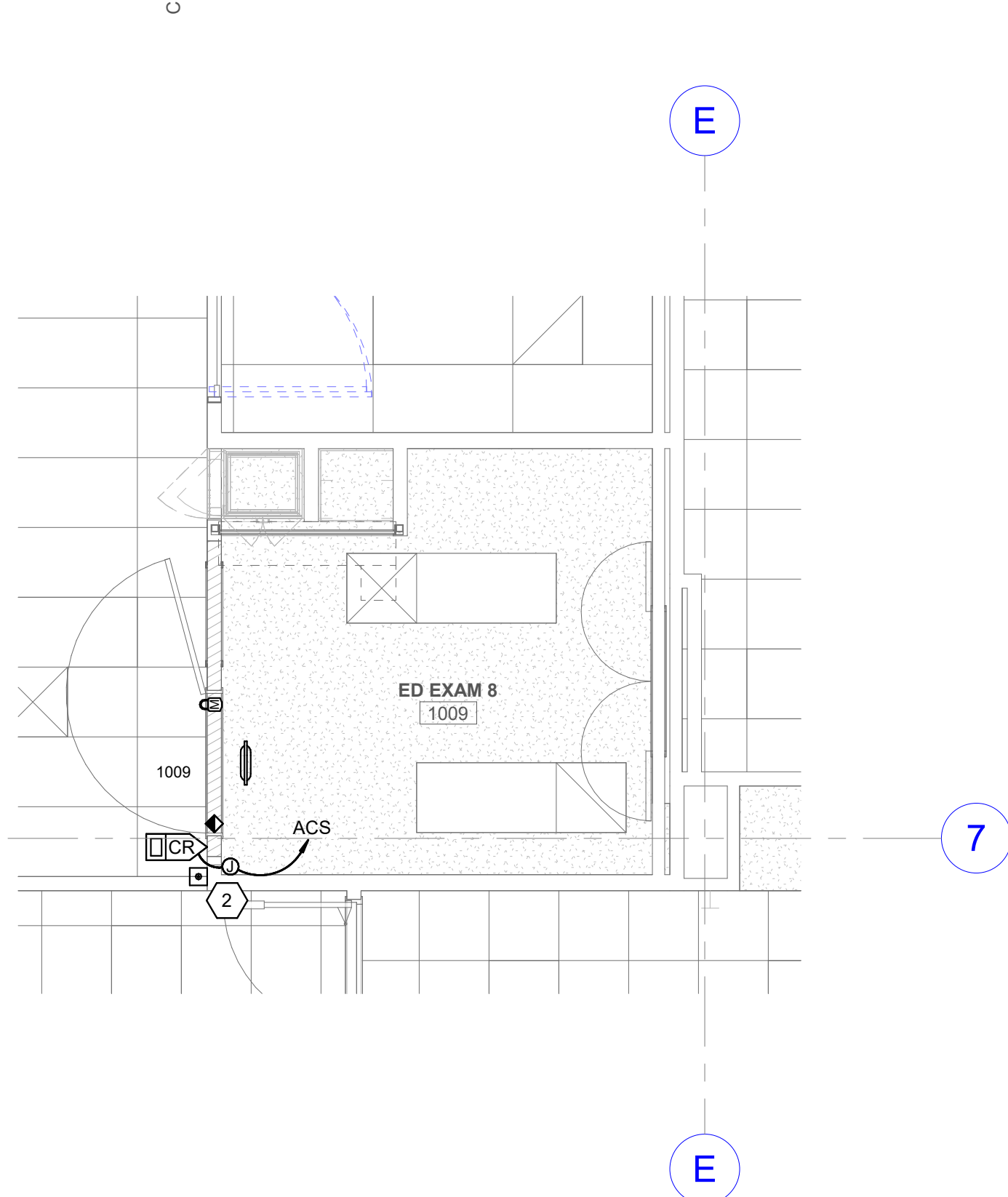
LAYTON HOSPITAL
MISC PROJECTS

KEY PLAN

REVISION NO.	DESCRIPTION	DATE

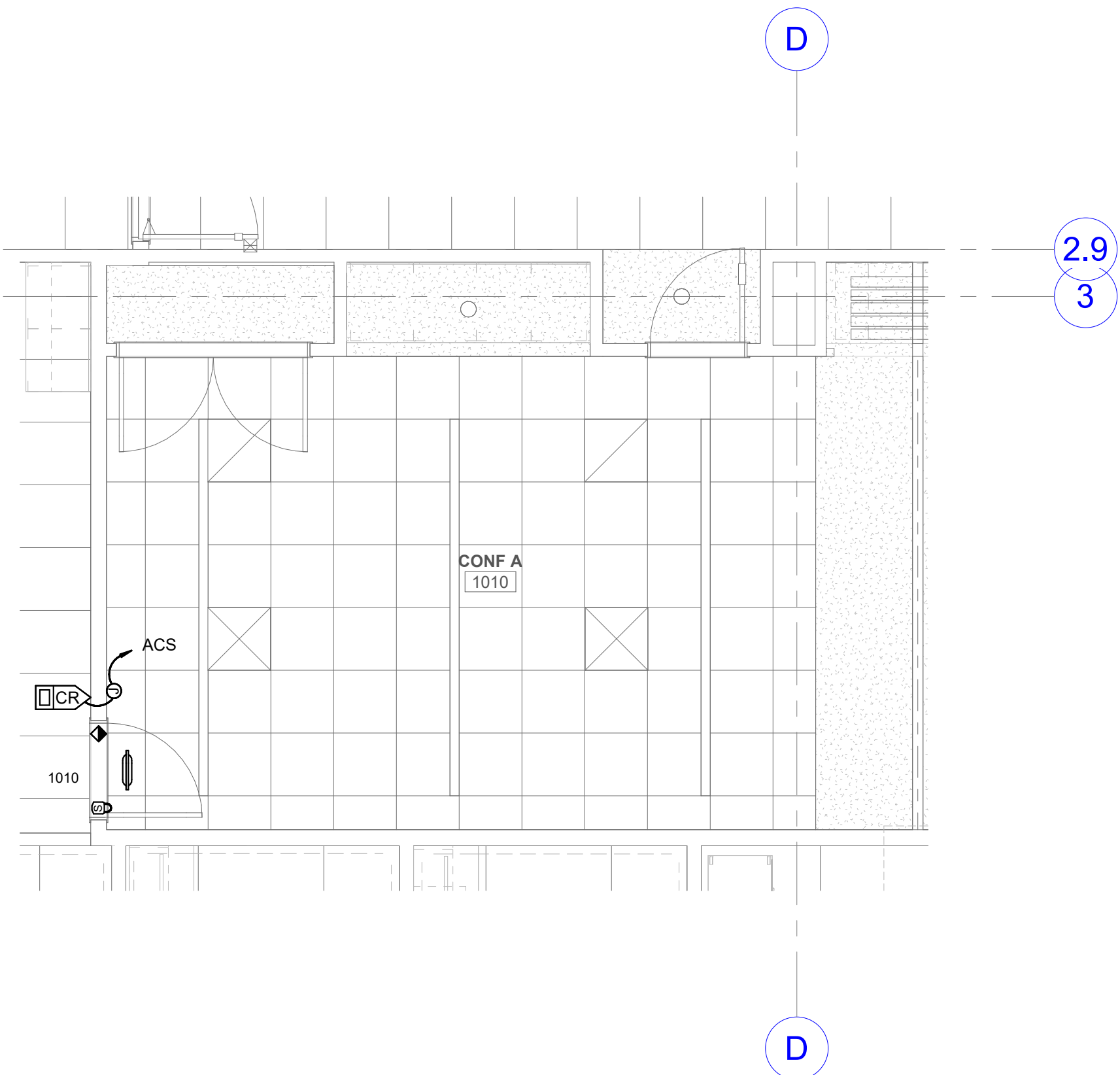
HKS PROJECT NUMBER
26404.000
DATE
08/15/24
ISSUE
CONSTRUCTION DRAWINGS
SHEET TITLE
LIGHTING CONTROL SCHEDULES
SHEET NO.

EL602



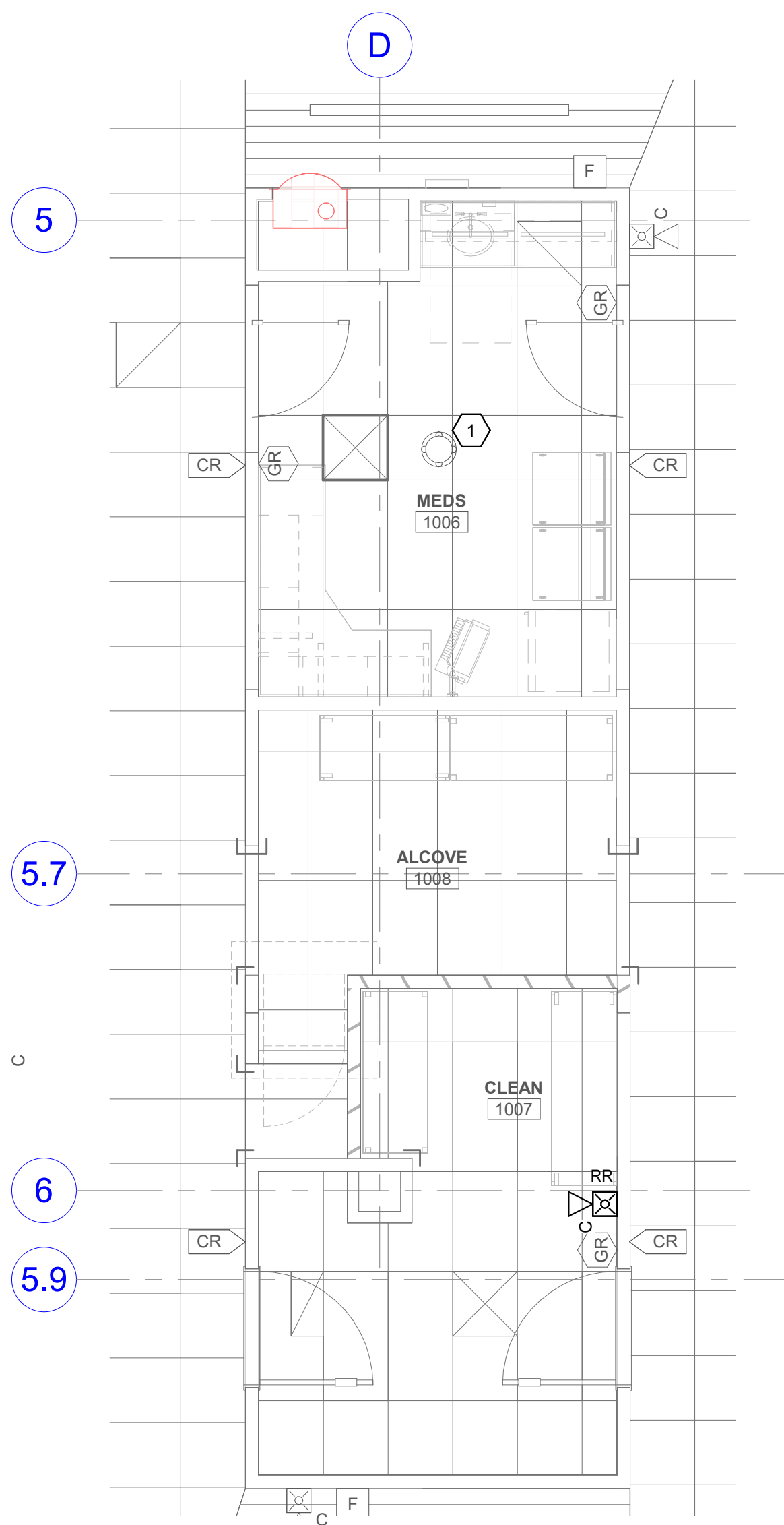
5 LEVEL 1 AUXILIARY PLAN - ED EXAM ROOM

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



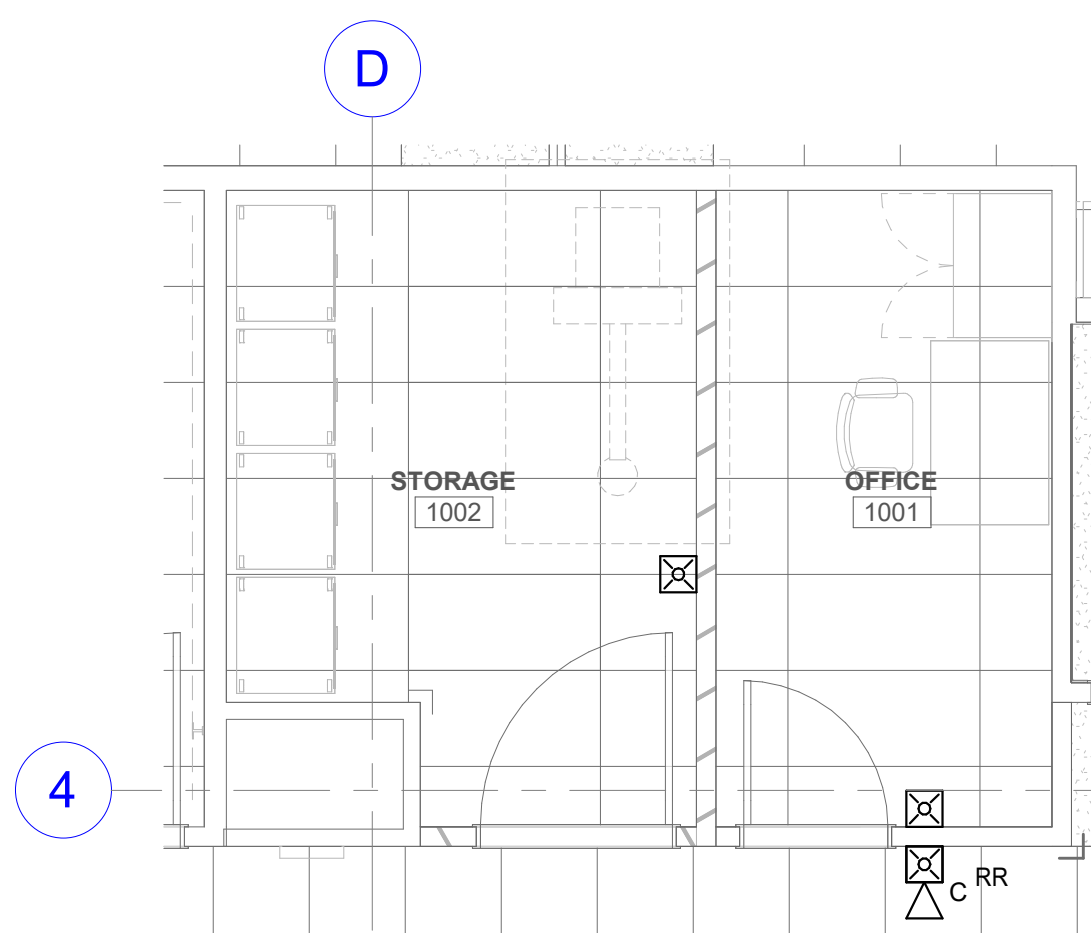
4 LEVEL 1 AUXILIARY PLAN - CONFERENCE ROOM

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



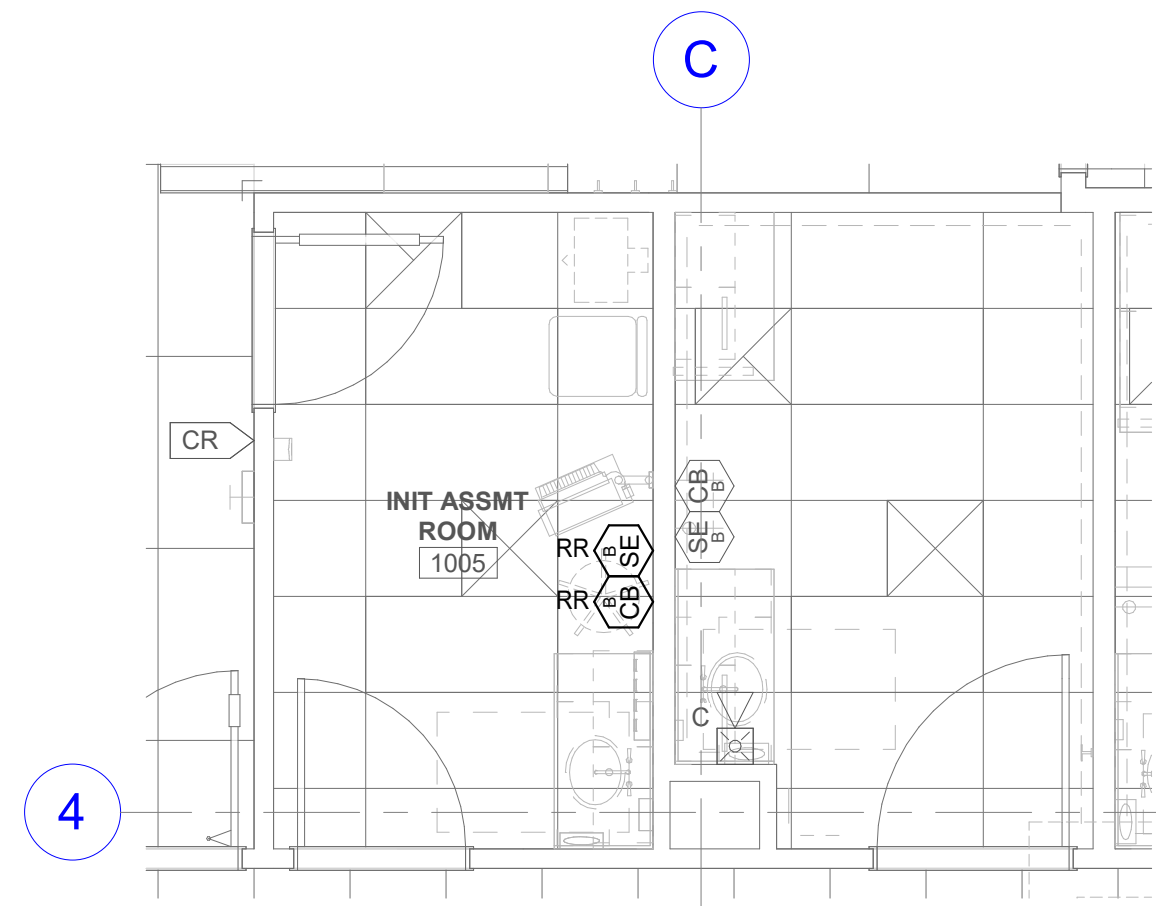
3 PHASE 3 AUXILIARY PLAN

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



1 PHASE 1 AUXILIARY PLAN

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



2 PHASE 2 AUXILIARY PLAN

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

GENERAL SHEET NOTES

- 1 ALL PATHWAYS FOR LOW VOLTAGE CABLING NOT REQUIRED TO BE IN CONDUITS SHALL BE ROUTED IN J-HOOK PATHWAYS. CONCEAL ALL PATHWAYS ABOVE ACCESSIBLE CEILING SPACES. DO NOT RUN CABLES IN EXPOSED AREAS. WHERE CONCEALMENT IS NOT POSSIBLE IN EXPOSED AREAS, CONTRACTOR SHALL PROVIDE CONDUIT TO ROUTE CABLING WHERE VISIBLE. ALL CONDUIT SHALL BE PAINTED TO MATCH CEILING AND PROVIDED WITH PROTECTIVE BUSHINGS.
- 2 SECURITY JUNCTION BOXES LOCATION ARE FOR REFERENCE PURPOSES ONLY. LOCATION OF JUNCTION BOX TO BE INSTALLED IN AN ACCESSIBLE CEILING SPACE ALLOWING FOR SERVICABILITY.
- 3 ACCESS CONTROL CABLING TO BE PLENUM RATED.
- 4 SECURITY CONTRACTOR TO COORDINATE WITH DOOR HARDWARE CONTRACTOR FOR ELECTRIC LOCK TYPE, INTERFACE, AND VOLTAGE REQUIREMENTS.
- 5 SECURITY CABLING SHALL BE RATED FOR THE AREA AND ENVIRONMENT IT IS INSTALLED. REFER TO SPECIFICATONS FOR CABLING REQUIREMENTS.
- 6 PATHWAYS FOR ACCESS CONTROL MAY SHARE JUNCTION BOXES AND CONDUIT. CONDUIT MUST BE SIZED APPROPRIATELY BASED ON CABLE FILL.

SHEET KEYNOTES

- 1 RE-USE SECURITY CAMERA.
- 2 BUTTON TO TURN ON/OFF MAGNETIC LOCK.

HKS

ARCHITECT

HKS ARCHITECTS, INC.
222 SOUTH MAIN, SUITE 230
SALT LAKE CITY, UT 84101

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REAVELEY ENGINEERS & ASSOCIATES
675 EAST 500 SOUTH, SUITE 400
SALT LAKE CITY, UTAH 84102

MECHANICAL ENGINEER

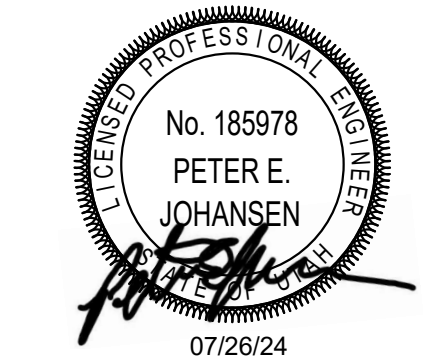
VAN BOERUM & FRANK ASSOCIATES, INC.
181 EAST 5600 SOUTH, SUITE 130
MURRAY, UTAH 84107

ELECTRICAL ENGINEER

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www.spectrum-engineers.com



LAYTON HOSPITAL MISC PROJECTS

KEY PLAN

REVISION
NO. DESCRIPTION DATE

HKS PROJECT NUMBER

26404.000

DATE

08/15/24

ISSUE

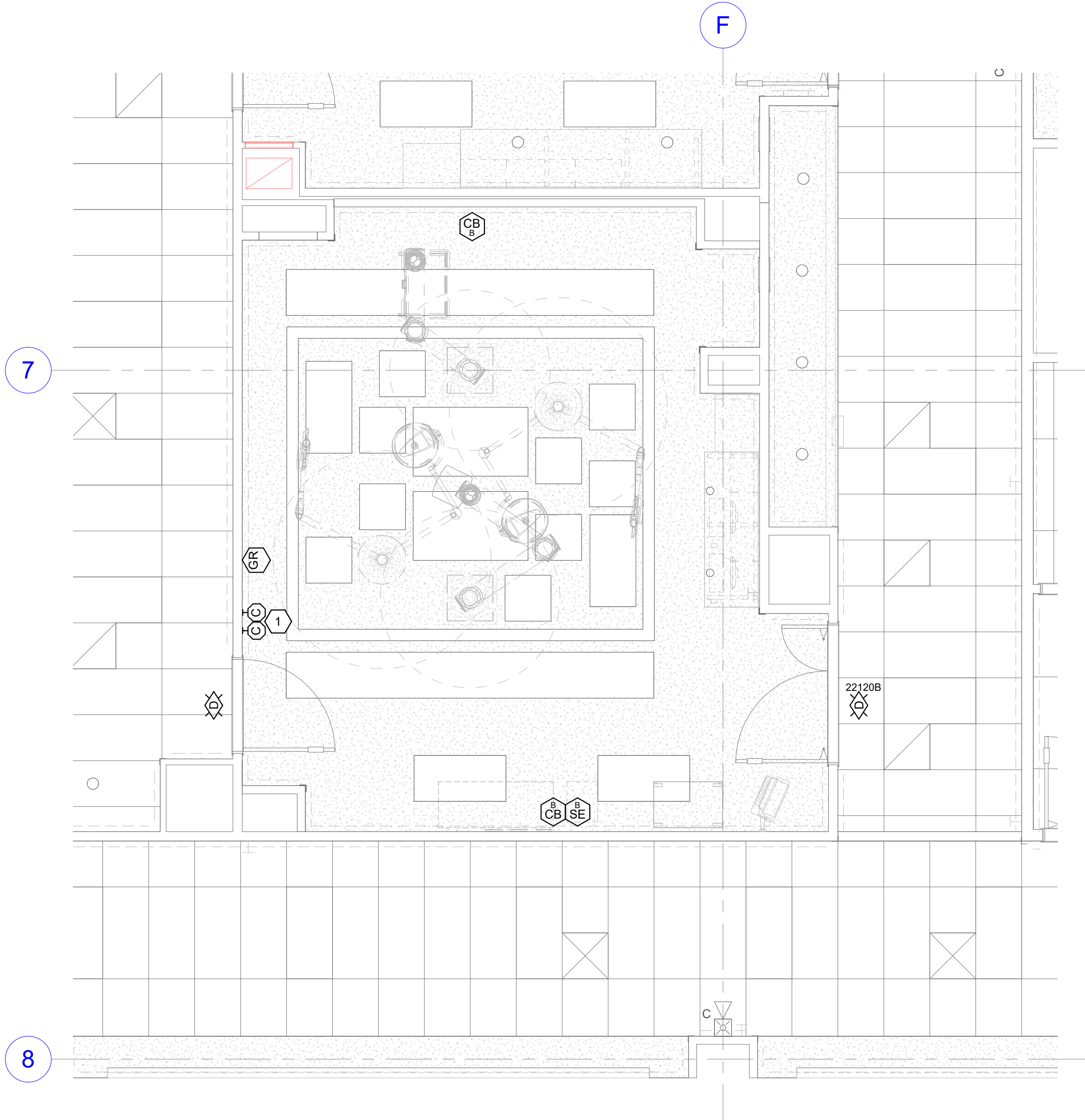
**CONSTRUCTION
DRAWINGS**

SHEET TITLE

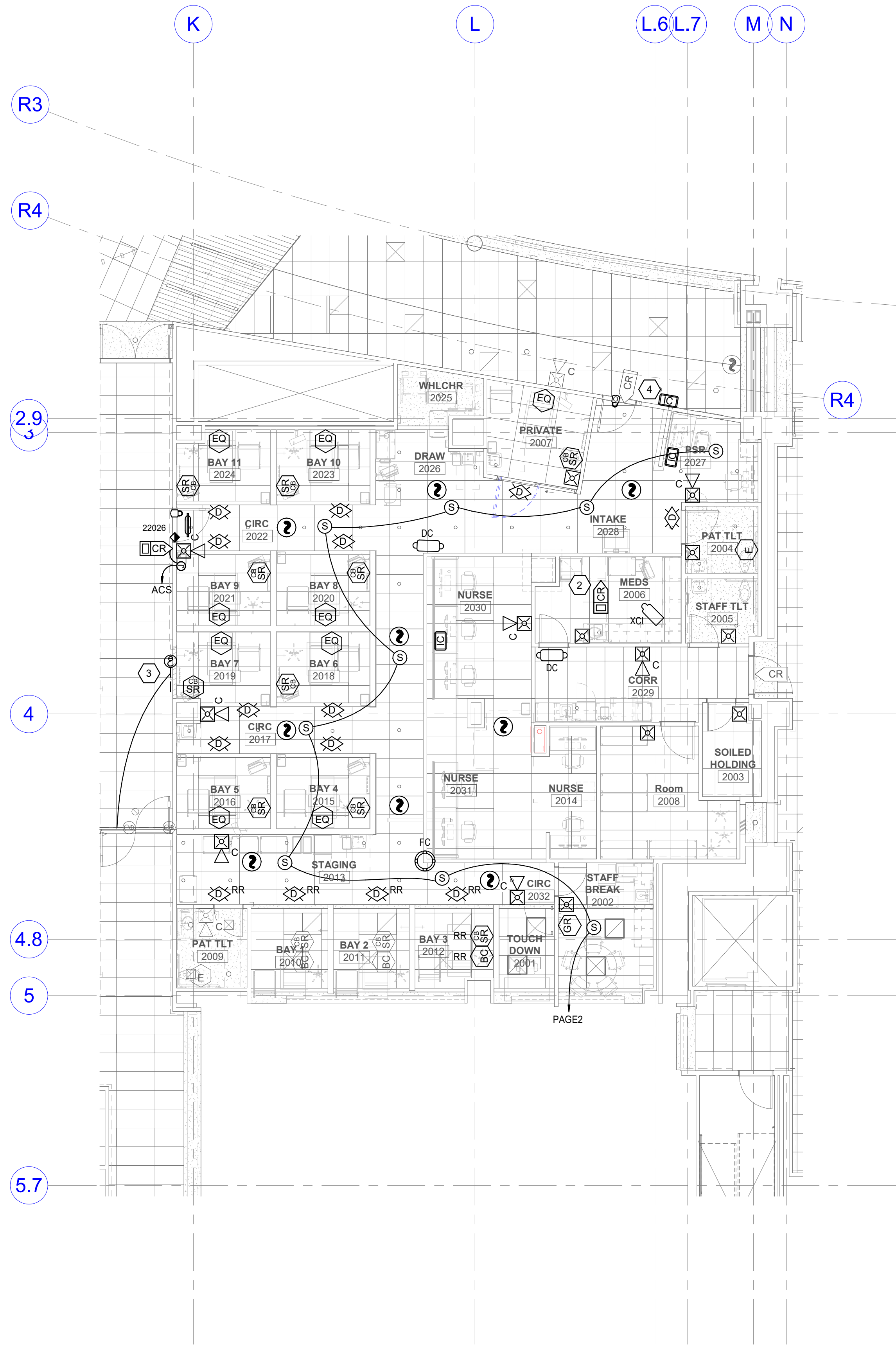
**LEVEL 1 ED
AUXILIARY PLANS**

SHEET NO.

EY101



1 LEVEL 2 AUXILIARY PLAN - OR
SCALE: 1/4" = 1'-0"



2 LEVEL 2 AUXILIARY PLAN - INFUSION BAYS
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

- 1 ALL PATHWAYS FOR LOW VOLTAGE CABLING NOT REQUIRED TO BE IN CONDUITS SHALL BE ROUTED IN J-HOOK PATHWAYS. CONCEAL ALL PATHWAYS ABOVE ACCESSIBLE CEILING SPACES. DO NOT RUN CABLES IN EXPOSED AREAS. WHERE CONCEALMENT IS NOT POSSIBLE IN EXPOSED AREAS, CONTRACTOR SHALL PROVIDE CONDUIT TO ROUTE CABLING WHERE VISIBLE. ALL CONDUIT SHALL BE PAINTED TO MATCH CEILING AND PROVIDED WITH PROTECTIVE BUSHINGS.
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- 4 SECURITY CONTRACTOR TO COORDINATE WITH DOOR HARDWARE CONTRACTOR FOR ELECTRIC LOCK TYPE, INTERFACE, AND VOLTAGE REQUIREMENTS.
- 5 SECURITY CABLING SHALL BE RATED FOR THE AREA AND ENVIRONMENT IT IS INSTALLED. REFER TO SPECIFICATIONS FOR CABLING REQUIREMENTS.
- 6 PATHWAYS FOR ACCESS CONTROL MAY SHARE JUNCTION BOXES AND CONDUIT. CONDUIT MUST BE SIZED APPROPRIATELY BASED ON CABLE FILL.

SHEET KEYNOTES

- 1 CLOCKS TO BE OFCI.
- 2 CARD READER TO PROVIDE ACCESS TO UNDER COUNTER CABINET.
- 3 CIRCUIT THE NEW SMOKE DAMPER WITH THE EXISTING FIRE/SMOKE DAMPERS.
- 4 NEW WIDER DOOR IN EXISTING LOCATION. RE-USE EXISTING HARDWARE. INTERFACE EXISTING CARD READER WITH NEW AUTO OPERATOR FOR ACTIVATION.

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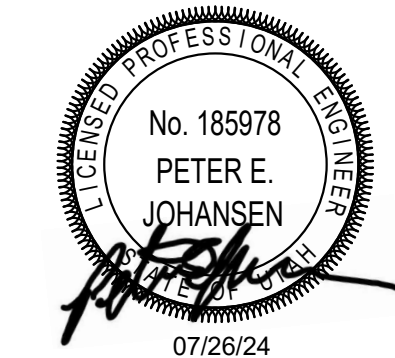
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DATE

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ISSUE

CONSTRUCTION

DRAWINGS

SHEET TITLE

LEVEL 2 INFUSION

AUXILIARY PLANS

SHEET NO.

EY102

LAYTON HOSPITAL MISC PROJECTS

KEY PLAN

NO.	DESCRIPTION	DATE
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SHEET NUMBER
26404.000
 DATE
08/15/24
 ISSUE
CONSTRUCTION
DRAWINGS
 SHEET TITLE
LEVEL 3
AUXILIARY PLANS

HEET NO.

EY103

ALL PATHWAYS FOR LOW VOLTAGE CABLING NOT REQUIRED TO BE IN CONDUITS SHALL BE ROUTED IN J-HOOK PATHWAYS. CONCEAL ALL PATHWAYS ABOVE ACCESSIBLE CEILING. CONDUITS ARE NOT RUN CABLES IN EXPOSED AREAS, WHERE CONDUIT IS NOT POSSIBLE IN EXPOSED AREAS, CONTRACTOR SHALL PROVIDE CONDUIT TO ROUTE CABLES WHERE VISIBLE. ALL CONDUIT SHALL BE PAINTED TO MATCH CEILING AND PROVIDED WITH PROTECTIVE BUSHINGS.

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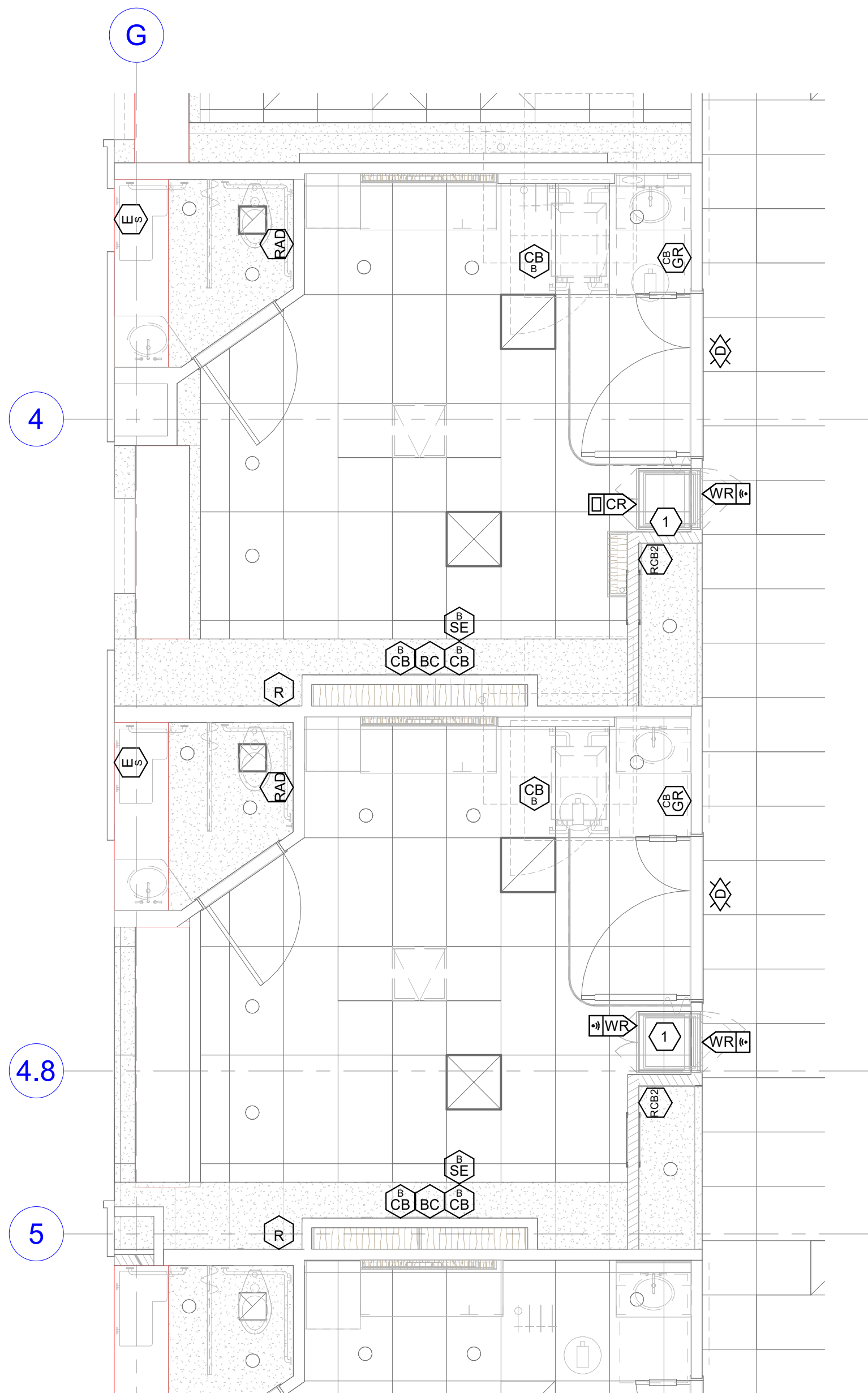
ACCESS CONTROL CABLING TO BE PLENUM RATED.

SECURITY CONTRACTOR TO COORDINATE WITH DOOR HARDWARE CONTRACTOR FOR ELECTRIC LOCK TYPE, INTERFACE, AND VOLTAGE REQUIREMENTS.

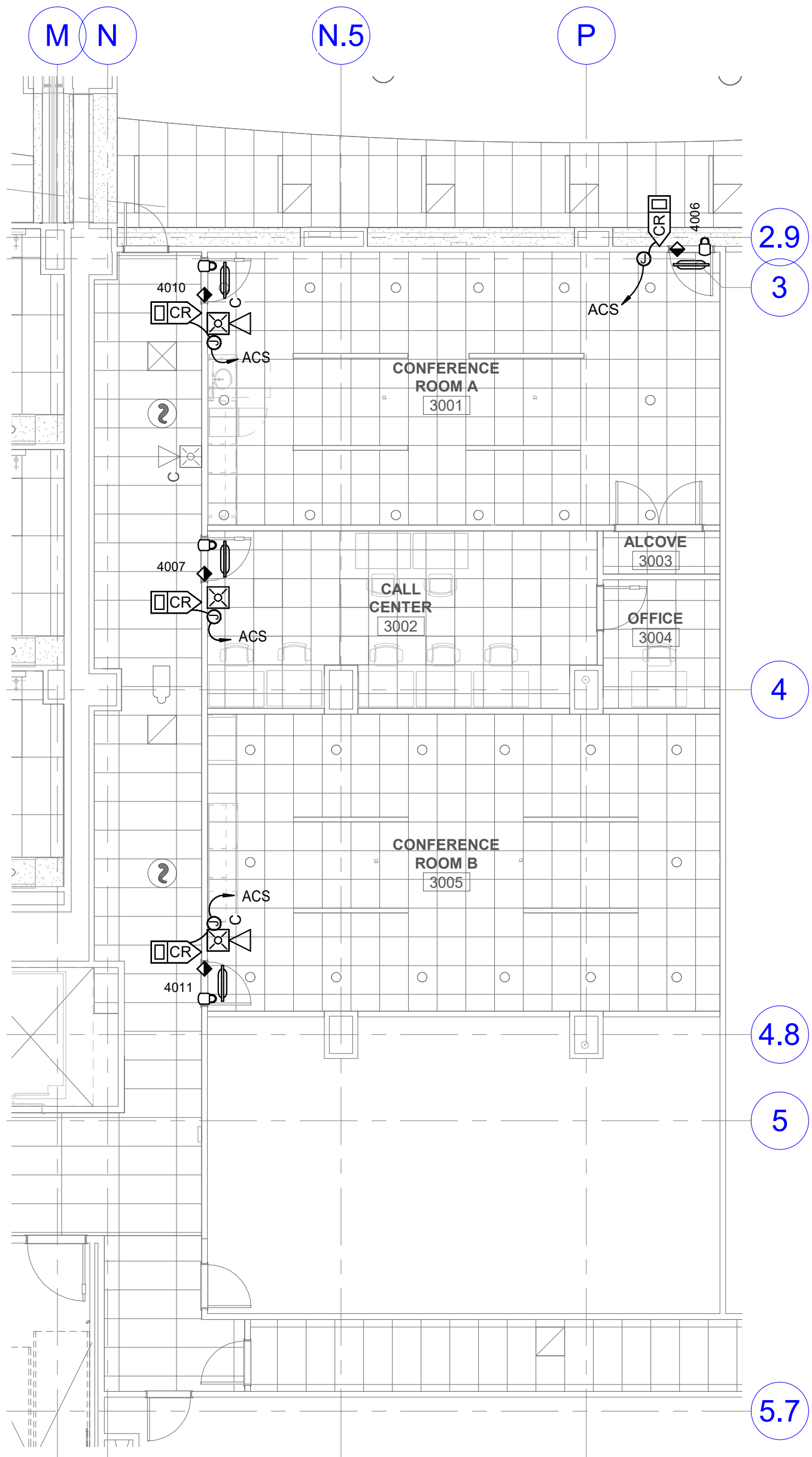
SECURITY CABLING SHALL BE RATED FOR THE AREA AND ENVIRONMENT IT IS INSTALLED. REFER TO SPECIFICATIONS FOR CABLING REQUIREMENTS.

PATHWAYS FOR ACCESS CONTROL MAY SHARE JUNCTION BOXES AND CONDUIT. CONDUIT MUST BE SIZED APPROPRIATELY BASED ON CABLE FILL.

1 WIRELESS CARD READERS FOR CABINETRY



1 LEVEL 3 AUXILIARY PLAN - LDR
SCALE: 1/4" = 1'-0"



2 LEVEL 3 CONFERENCE ROOM AUXILIARY PLAN
SCALE: 1/8" = 1'-0"

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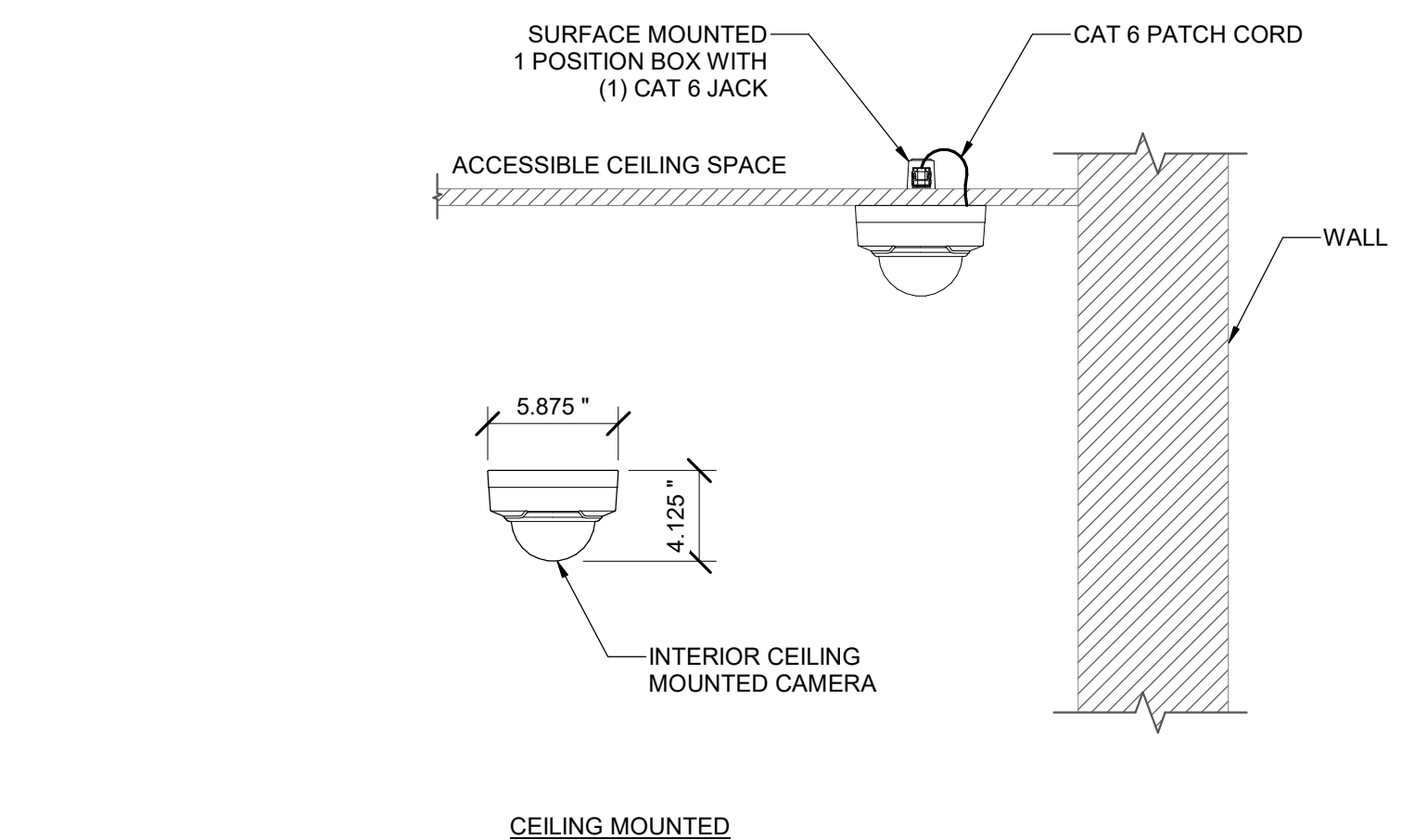
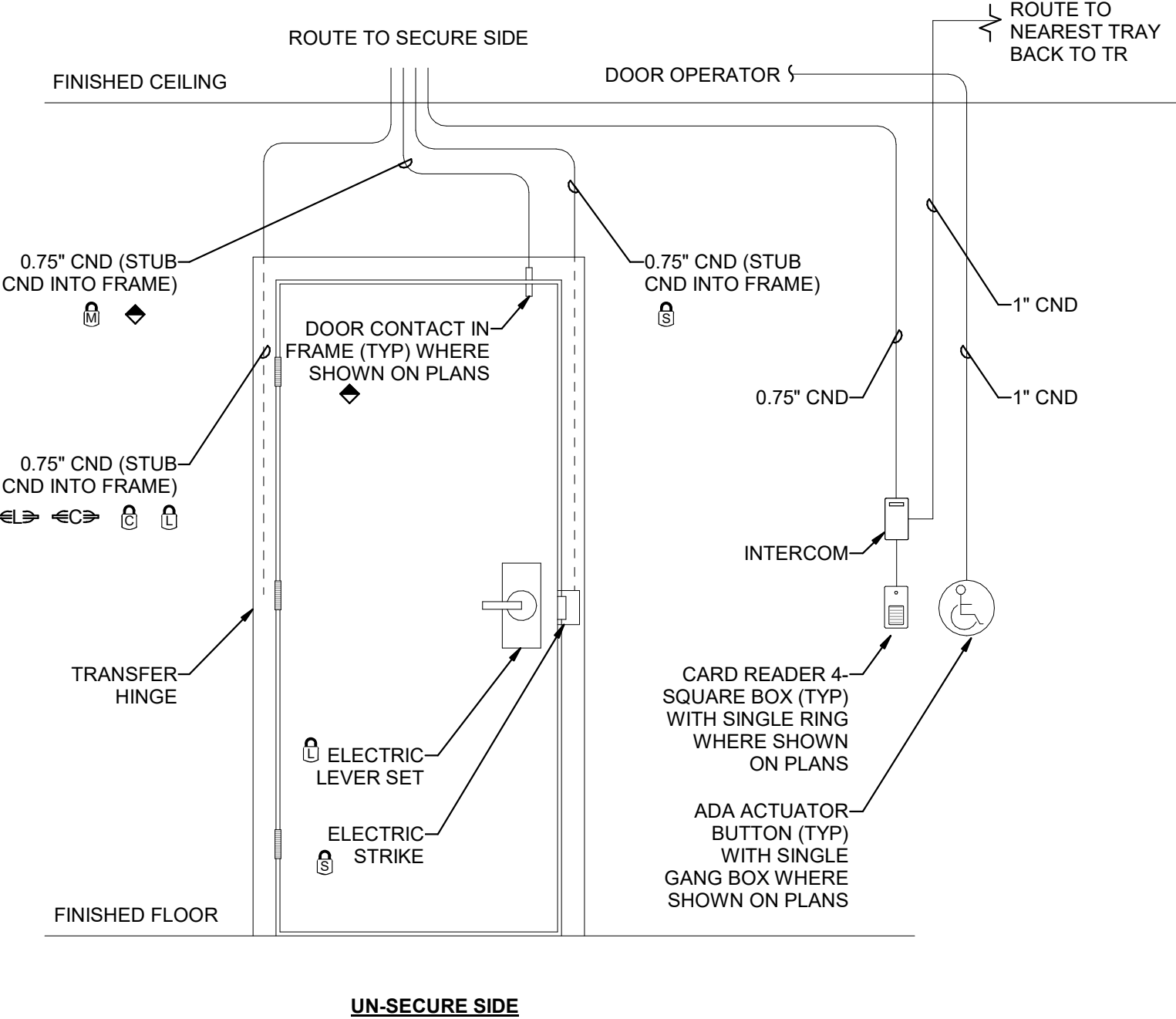
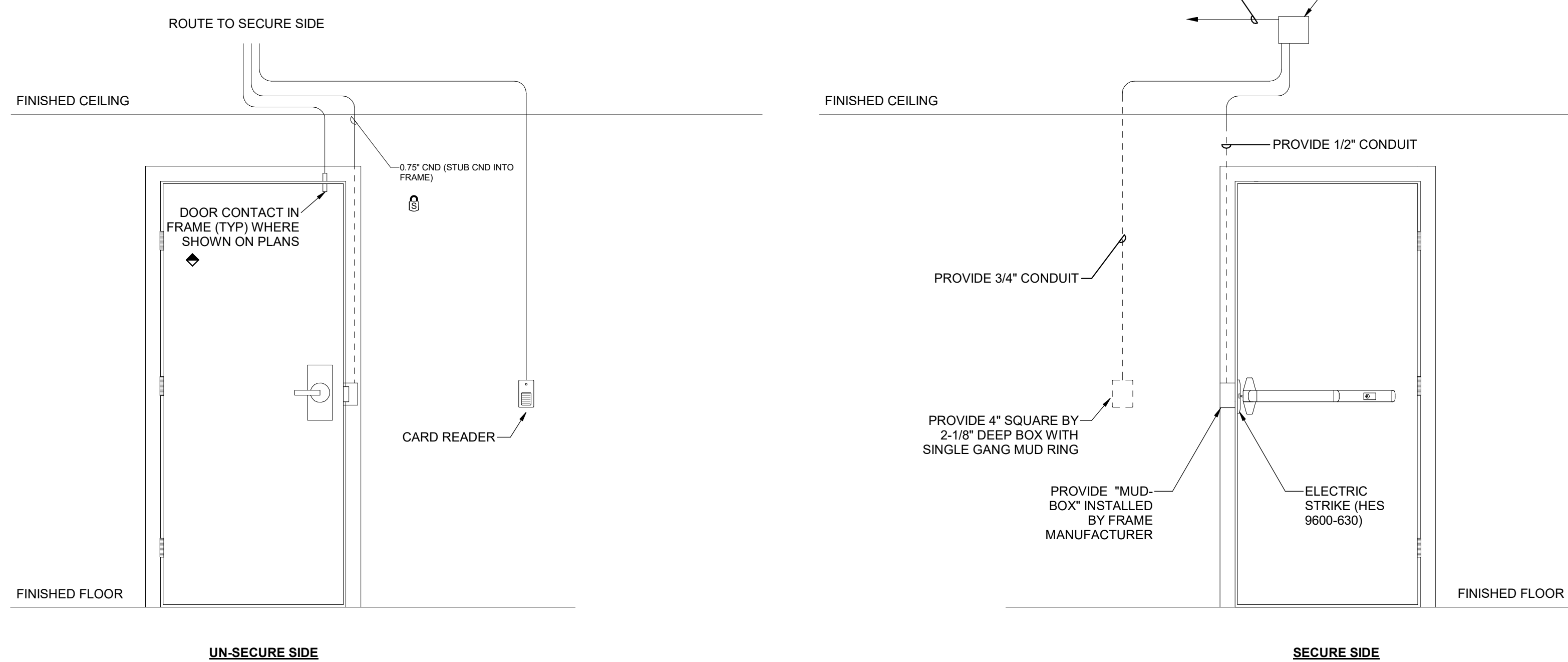
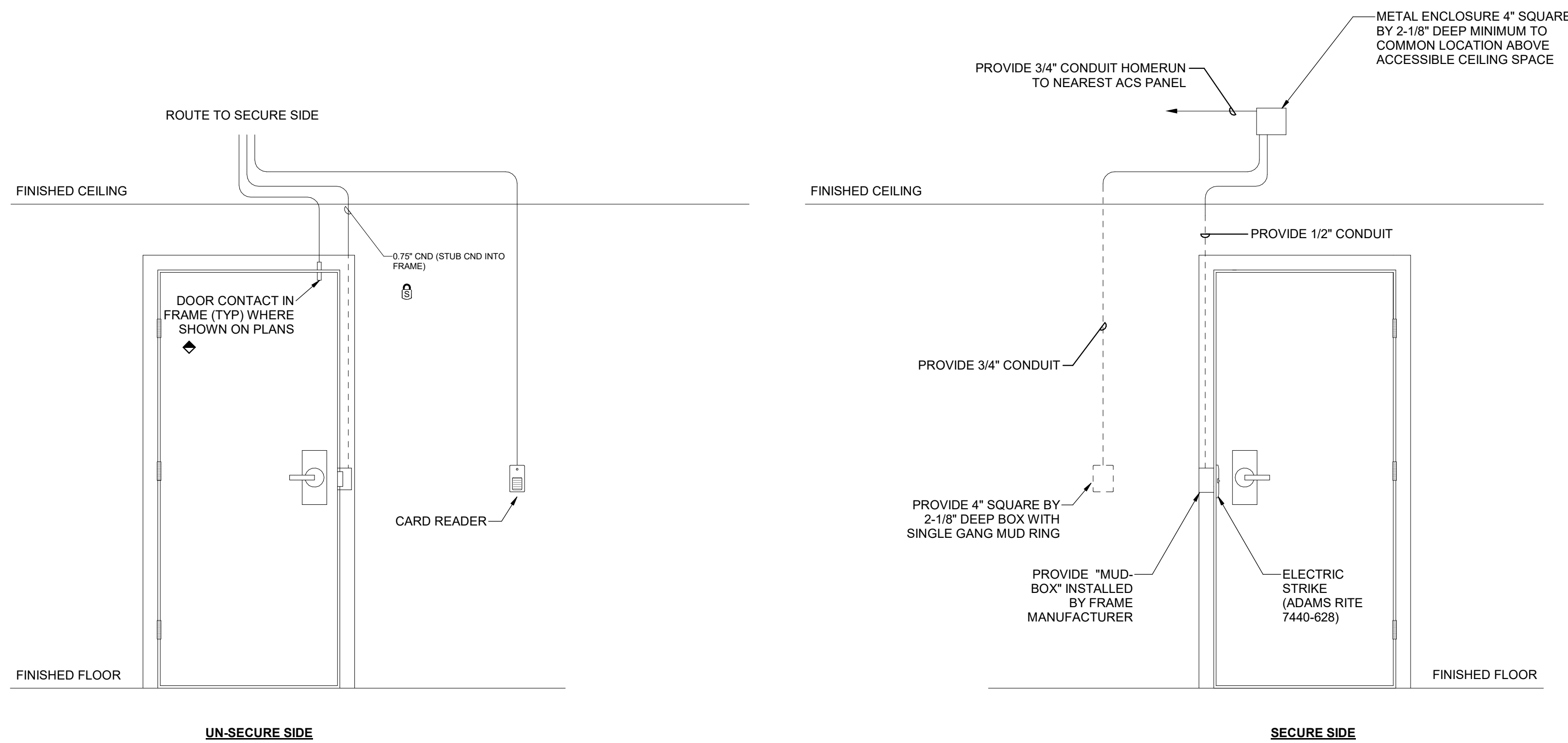
ISSUE

CONSTRUCTION**DRAWINGS**

SHEET TITLE

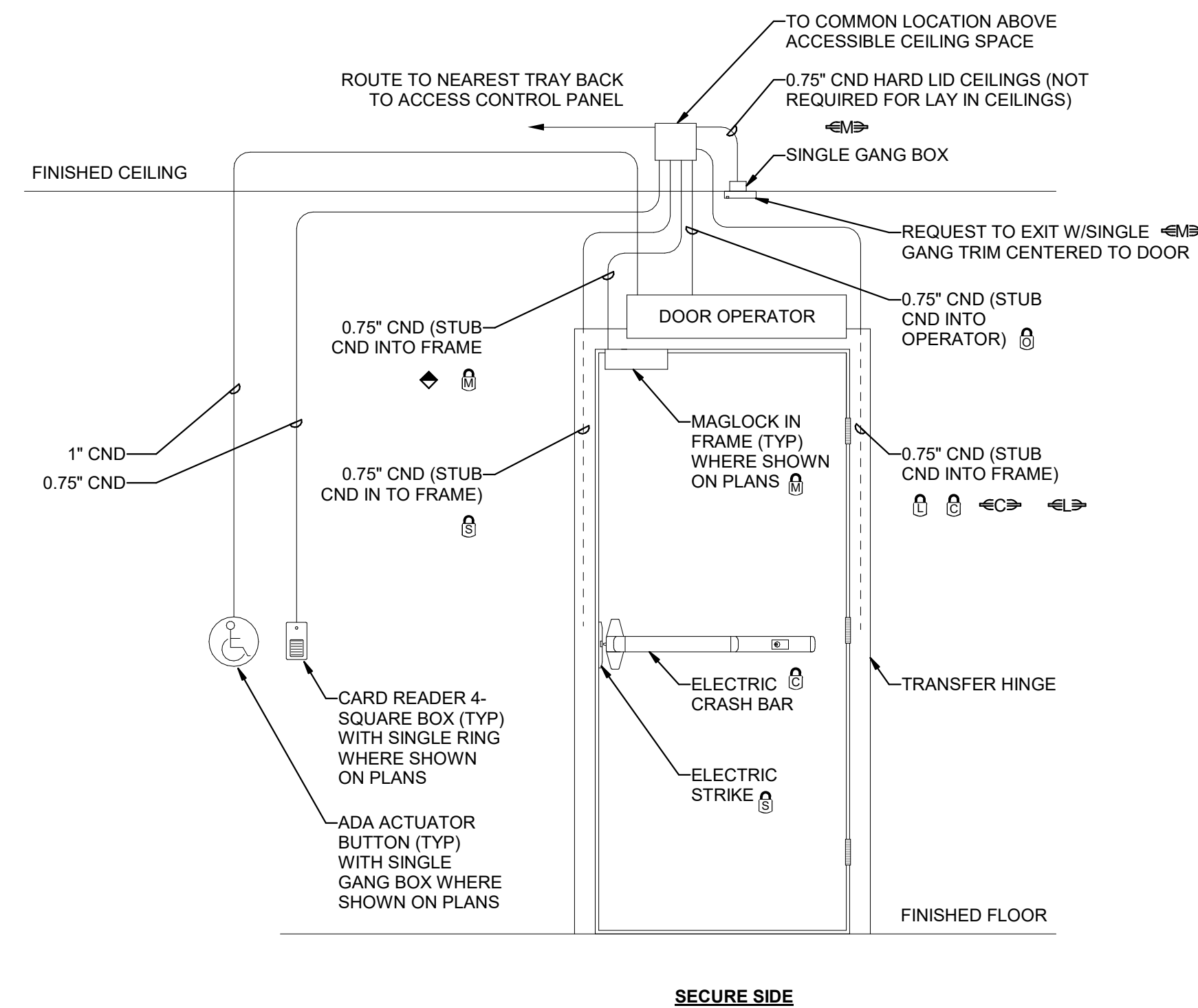
AUXILIARY**DETAILS**

SHEET NO.

EY551

CEILING MOUNTED CAMERA MOUNTING DETAIL

SCALE: NTS

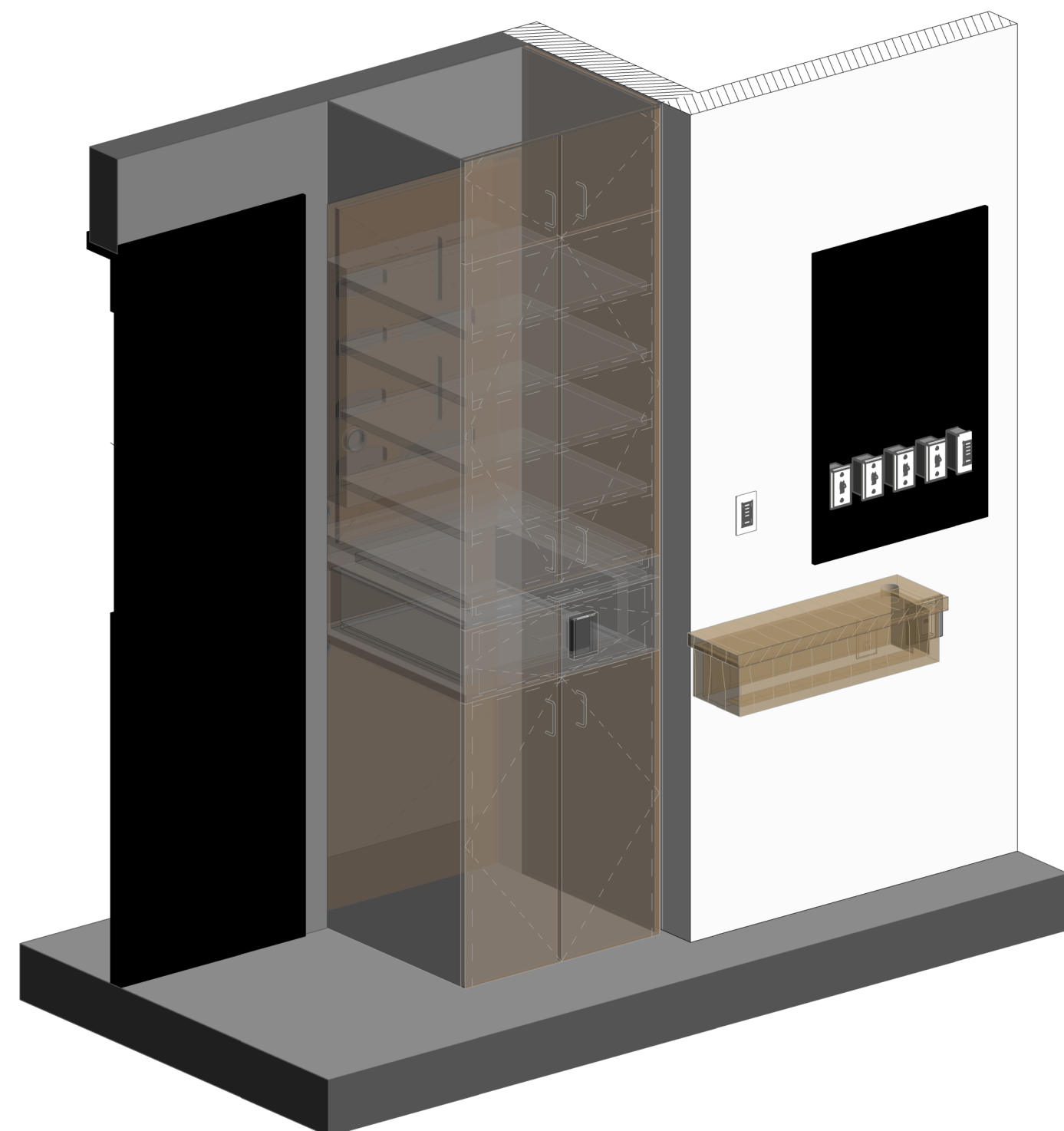


4 SINGLE DOOR STRIKE DETAIL

SCALE: NTS

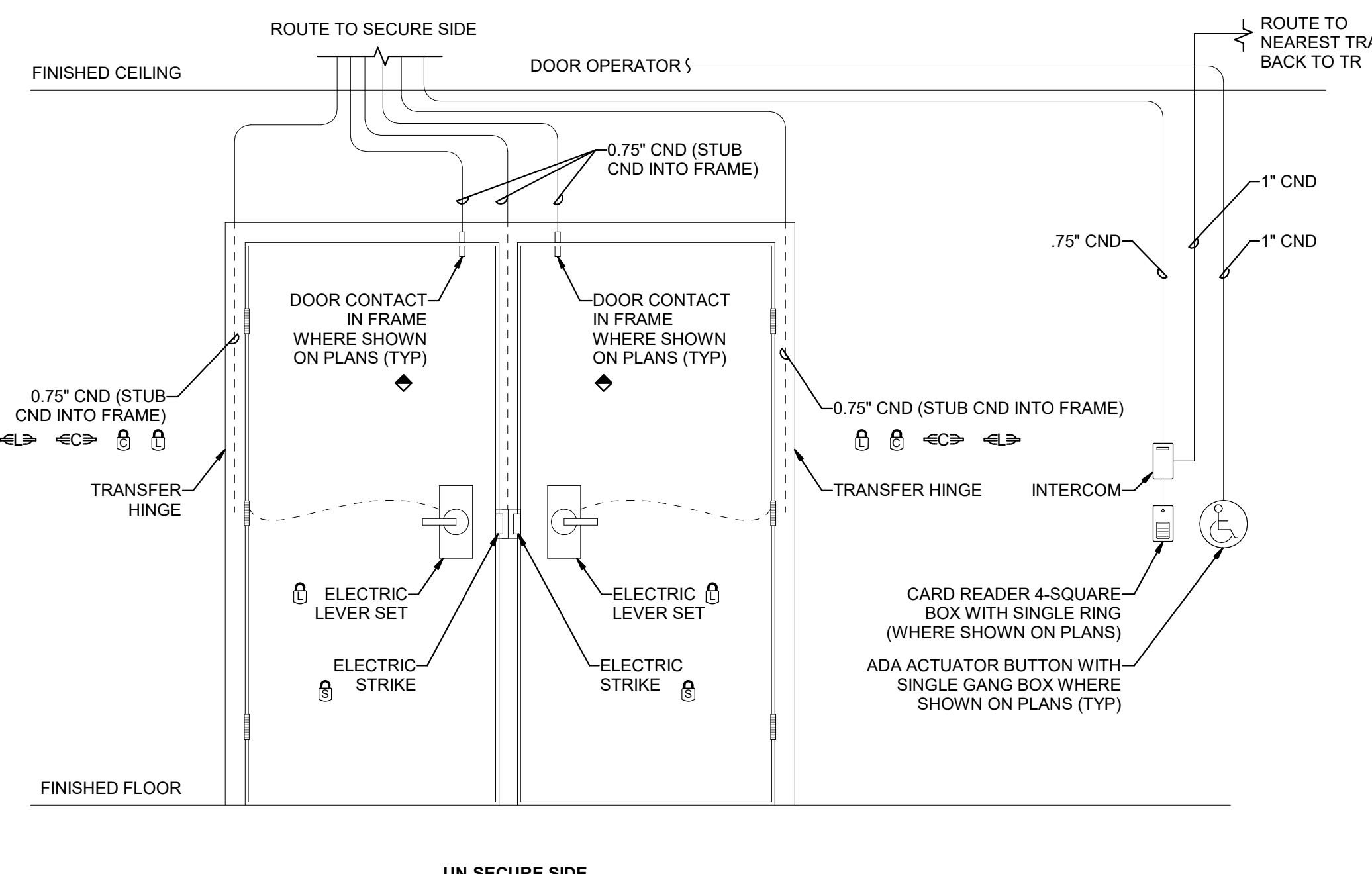
2 SINGLE DOOR ROUGH IN DETAIL TYPICAL

SCALE: NTS



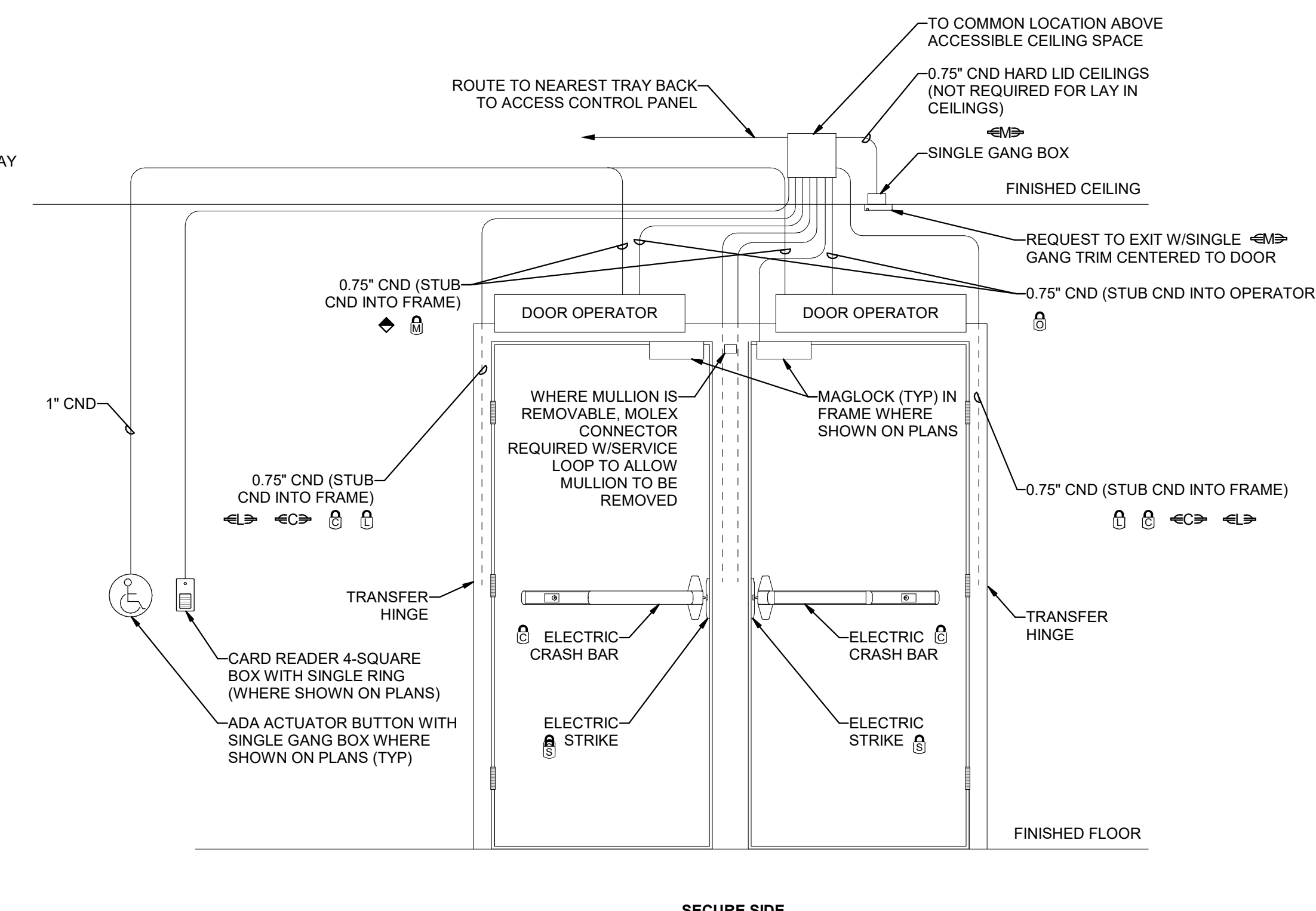
5 CABINET CARD READER DETAIL

SCALE: NTS

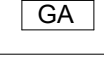

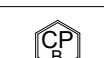
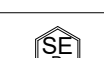


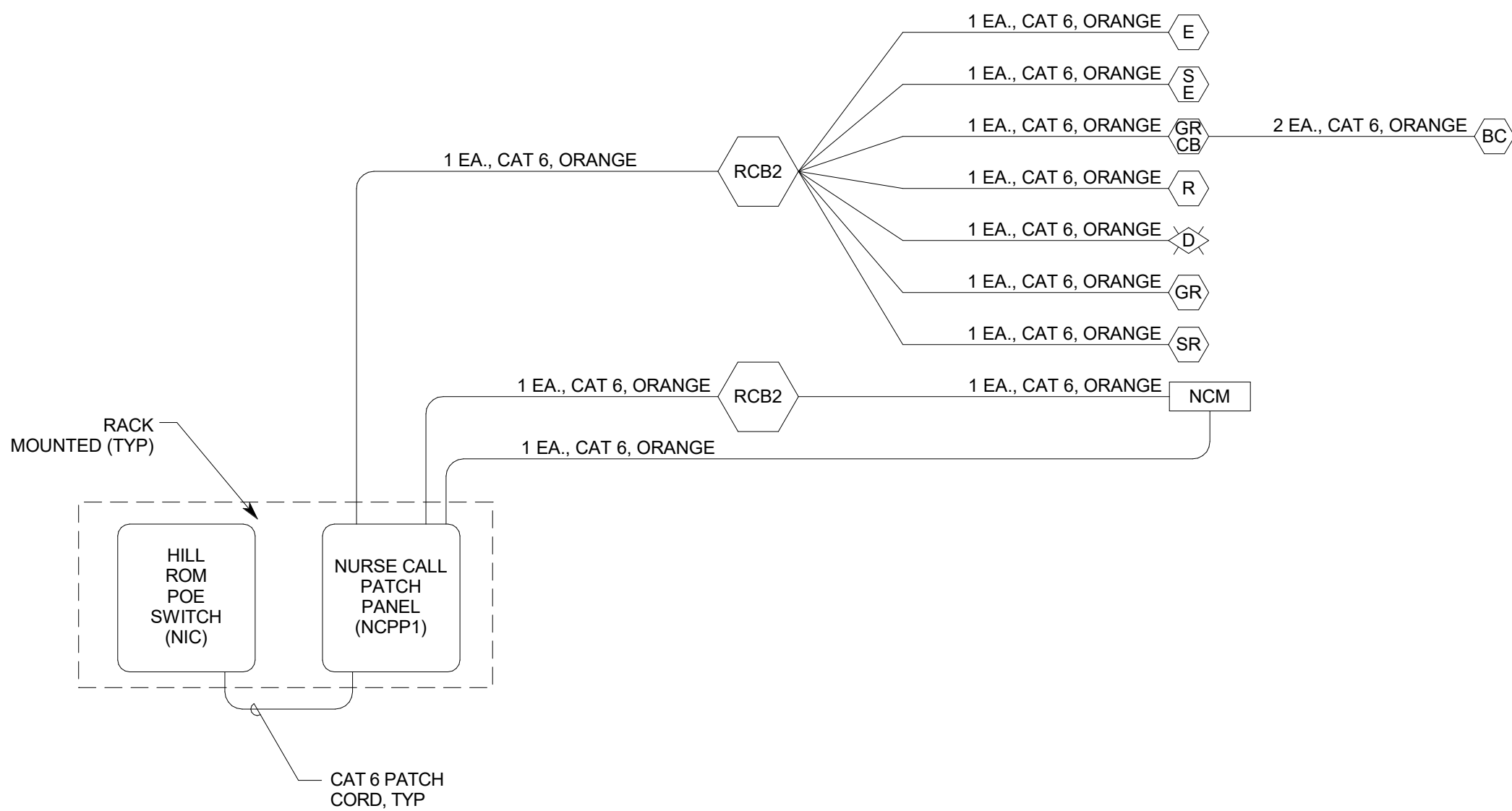
1 DOUBLE DOOR ROUGH IN DETAIL TYPICAL

SCALE: NTS



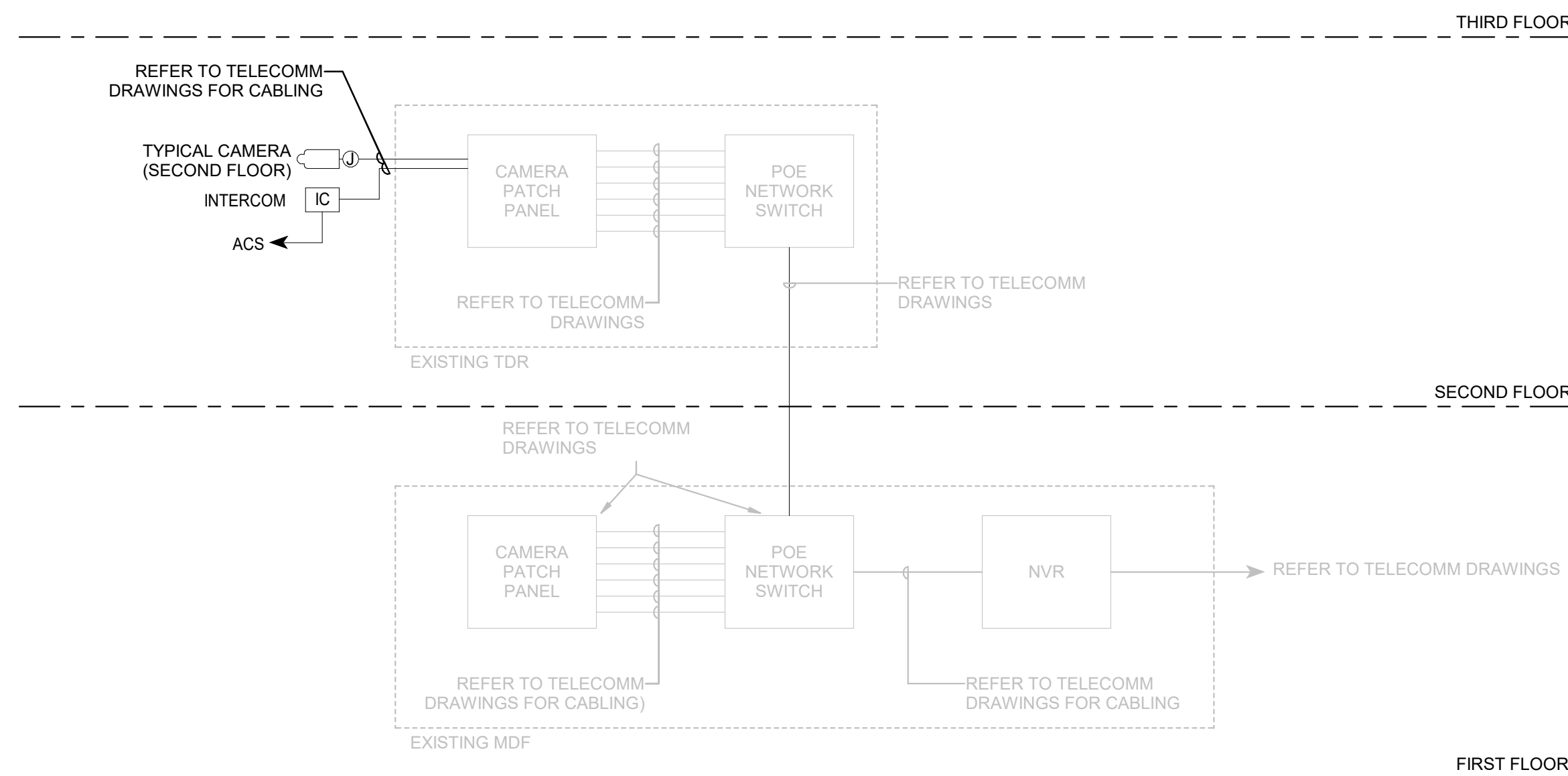
SECURE SIDE

NURSE CALL SYMBOL LIST					
SYMBOL	MANUF.	PART #	DESCRIPTION	BACKBOX	BOX MOUNTING HEIGHT
	HILL-ROM	P2500NNC1B00	STAFF CONSOLE, DESK MOUNT	STEEL CITY 58371 3/4R, RACO 561, OR ANY OTHER SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2594NNC3A00	STAFF CONSOLE, WALL MOUNT	STEEL CITY 58371 3/4R, RACO 561, OR ANY OTHER SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2594NNC3B00	GRAPHICAL ANNUNCIATOR	STEEL CITY 58371 3/4R, RACO 561, OR ANY OTHER SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2505NNC1B00	AUDIO STATION BED CONNECTOR (ASBC)	GARVIN 52161-3/4, WITH GARVIN 52C13 RING, OR ANY OTHER 4" SQUARE 3.5" DEEP BACK BOX WITH SINGLE GANG MUD RING.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2516A01	EQUIPMENT RECEPTACLE, WITH CALL CORD	STEEL CITY 58371 3/4R, RACO 561, OR ANY OTHER SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2506NNC1B00	DOME LIGHT, SINGLE LED	RACO 231, WITH RACO 778 RING, OR ANY OTHER 4" SQUARE 2 1/8" DEEP BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2506NNC8A00-D	ICON BASED-LIGHT LED DOME LIGHT	STEEL CITY CYLE-3/4, RACO 591, OR ANY OTHER 3.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2506NNC8A00-7	ICON BASED-LIGHT LED ZONE LIGHT	STEEL CITY CYLE-3/4, RACO 591, OR ANY OTHER 3.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2519NNC1A24	POE SWITCH		REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2520A07	CODE BLUE PUSH BUTTON SWITCH	RACO 561 BACK BOX.	REFER TO ELEVATION
	HILL-ROM	P2520A07	CODE PINK PUSH BUTTON SWITCH	RACO 561 BACK BOX.	REFER TO ELEVATION
	HILL-ROM	P2520A07	PUSH FOR ASSISTANCE PUSH BUTTON SWITCH	RACO 561 BACK BOX, OR ANY OTHER 2.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2520A08	STAFF EMERGENCY PUSH BUTTON SWITCH	RACO 561 BACK BOX, OR ANY OTHER 2.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2520B01	BATH SWITCH, W/CANCEL, SUPERVISED	RACO 561 BACK BOX, OR ANY OTHER 2.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2520B02	BATH SWITCH, W/O CANCEL, SUPERVISED	RACO 561 BACK BOX, OR ANY OTHER 2.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2521B02	UPS, RACK MOUNTABLE, 2U - NON-SEISMIC		REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2594NNC1B01	STAFF STATION - STANDARD ROOM STATION W/ CODE	STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2594NNC1B01	STAFF STATION - STANDARD ROOM STATION W/O CODE	STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2594NNC2C00	GRAPHICAL ROOM STATION (GRS) - STAFF	STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2594NNC2C11	GRAPHICAL ROOM STATION (GRS) - PATIENT	STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2594NNC4A10	REMOTE AUDIO DEVICE	STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	P2599NNC2A00	RCB2 ROOM CONTROL BOARD	STEEL CITY GW-235G, RACO 696 OR ANY OTHER 3.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	RTLS-CLOSED	RTLS - STAFF LOCATING LOCATION-CLOSED AREA	STEEL CITY GW-225G, RACO 691 OR ANY OTHER TWO GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	RTLS-OPEN	RTLS - STAFF LOCATING LOCATION-GLASS/OPEN AREA	STEEL CITY GW-225G, RACO 691 OR ANY OTHER TWO GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM	RTLS-BAY	RTLS - STAFF LOCATING LOCATION-BAY	STEEL CITY GW-225G, RACO 691 OR ANY OTHER TWO GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
	HILL-ROM		PILLOW SPEAKEKER, REQUIRES ASBC.		
	CURRBELL	MAP985A	REMOTE ENTERTAINMENT STATION	STEEL CITY GW-225C, RACO 691 OR ANY OTHER TWO GANG BACK BOX.	REFER TO ELEVATION DRAWINGS

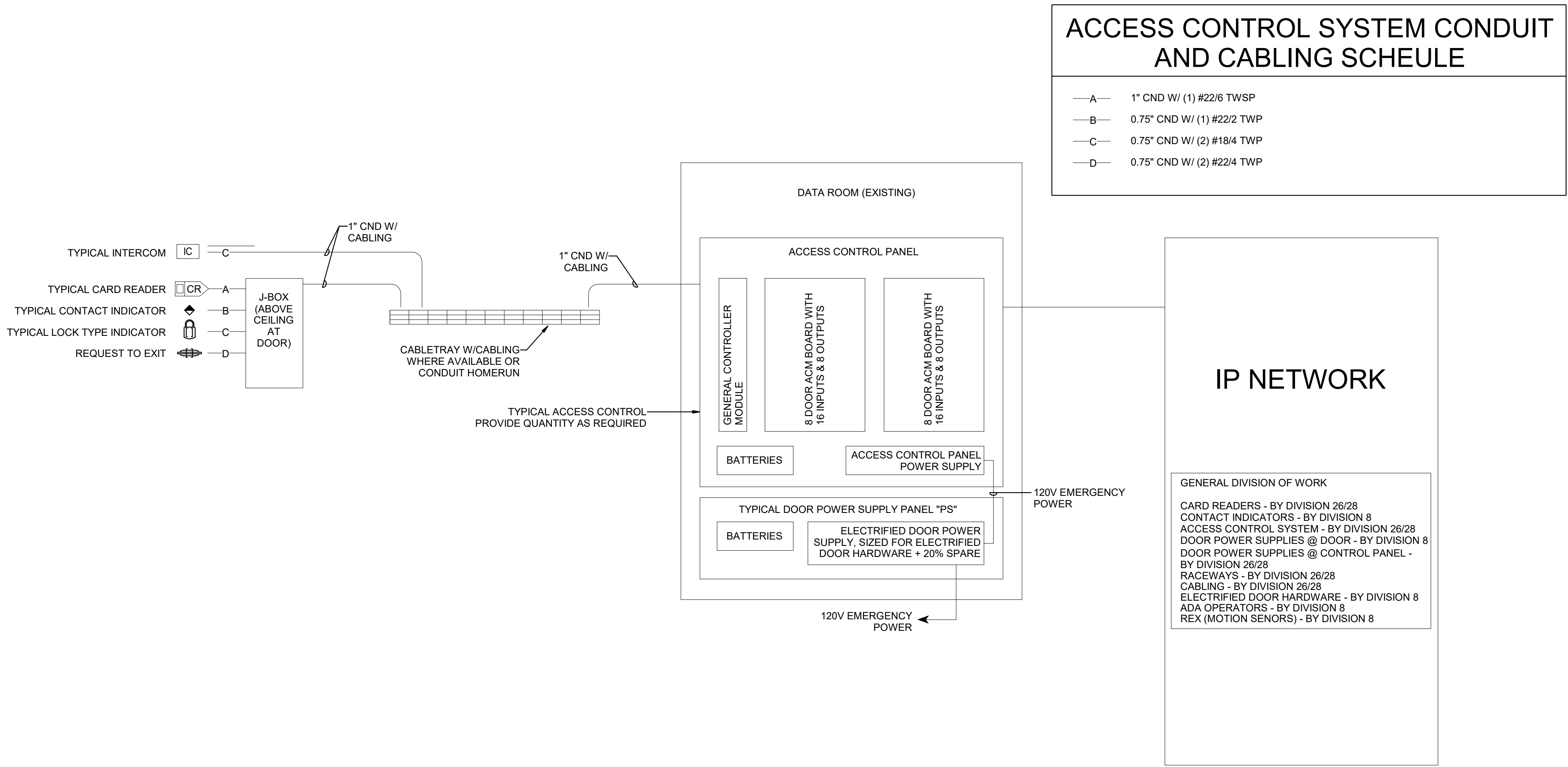


1 TYPICAL HILL-ROM NURSE CALL RISER DIAGRAM
NO SCALE

LAYTON HOSPITAL
MISC PROJECTS



2 CCTV ROUGH-IN RISER DIAGRAM
SCALE: NTS



1 ACCESS CONTROL RISER DIAGRAM
SCALE: NTS

KEY PLAN

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26404.000
DATE
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ISSUE
CONSTRUCTION DRAWINGS
SHEET TITLE
AUXILIARY RISER DIAGRAMS

SHEET NO.
EY651