#### Attachment C: Special Systems Drawings (see following page)

(# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CEILING LUMINARE (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CEILING LUMINARE (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CEILING LUMINARE (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CEILING LUMINARE (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CEILING LUMINARE (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESSED MOUNTED CHINA ARROW (# NDICATES LUMINARE NUMBER IN SCHEDULE)  # RECESS	IRE NUMBER IN SCHEDULE)  TED EXIT LIGHT WITH  IV, SHADING INDICATES FACE IRE NUMBER IN SCHEDULE)  G MOUNTED EXIT /  RY LIGHT WITH  IV, SHADING INDICATES FACE IRE NUMBER IN SCHEDULE)  MOUNTED EXIT /  RY LIGHT WITH  IV, SHADING INDICATES FACE IRE NUMBER IN SCHEDULE)  RY LIGHT WITH  IV, SHADING INDICATES FACE IRE NUMBER IN SCHEDULE)  RY LIGHT IRE NUMBER IN SCHEDULE)
SYMBOL DESCRIPTION  SYMBOL DESCRIPTION  SYMBOL DESCRIPTION  SYMBOL DESCRIPTION  SYMBOL DESCRIPTION  SURFACE MOUNTED WAIL LUMINAIRE (# NOICATES LUMINAIRE NUMBER N SCHEDULE)  # SURFACE MOUNTED WAIL LUMINAIRE (# NOICATES LUMINAIRE NUMBER N SCHEDULE)  # RECESSED MOUNTED CEILING LUMINAIRE (# NOICATES LUMINAIRE NUMBER N SCHEDULE)  # RECESSED MOUNTED WAIL LUMINAIRE (# NOICATES LUMINAIRE NUMBER N SCHEDULE)  # PENDANT MOUNTED CEILING LUMINAIRE (# NOICATES LUMINAIRE NUMBER N SCHEDULE)  # RECESSED MOUNTED WAIL LUMINAIRE (# NOICATES LUMINAIRE NUMBER N SCHEDULE)  # RECESSED MOUNTED WAIL LUMINAIRE (# NOICATES LUMINAIRE NUMBER N SCHEDULE)  # RECESSED MOUNTED WAIL LUMINAIRE (# NOICATES LUMINAIRE NUMBER N SCHEDULE)  # RECESSED MOUNTED WAIL LUMINAIRE (# NOICATES LUMINAIRE NUMBER N SCHEDULE)  # RECESSED MOUNTED WAIL LUMINAIRE (# NOICATES LUMINAIRE NUMBER N SCHEDULE)  # RECESSED MOUNTED WAIL LUMINAIRE (# NOICATES LUMINAIRE NUMBER N SCHEDULE)  # RECESSED MOUNTED WAIL LUMINAIRE (# NOICATES LUMINAIRE NUMBER N SCHEDULE)  # RECESSED MOUNTED WAIL LUMINAIRE (# NOICATES LUMINAIRE NUMBER N SCHEDULE)  # RECESSED MOUNTED WAIL LUMINAIRE (# NOICATES LUMINAIRE NUMBER N SCHEDULE)  # RECESSED MOUNTED WAIL LUMINAIRE (# NOICATES LUMINAIRE NUMBER N SCHEDULE)  # RECESSED MOUNTED WAIL LUMINAIRE (# NOICATES LUMINAIRE NUMBER N SCHEDULE)  # RECESSED MOUNTED WAIL LUMINAIRE (# NOICATES LUMINAIRE NUMBER N SCHEDULE)  # RECESSED MOUNTED WAIL LUMINAIRE NUMBER N SCHEDULE)  # RECESSED WAIL WAIL LUMINAIRE NUMBER N SCHEDULE)  # RECESSED WAIL WAIL LUMINAIRE NUMBER N SCHEDULE)  # RECESSED WAIL WAIL LUMINAIRE NUMBER N SCHEDULE)  # RECESSED WAI	IRE NUMBER IN SCHEDULE)  TED EXIT LIGHT WITH  IV, SHADING INDICATES FACE IRE NUMBER IN SCHEDULE)  G MOUNTED EXIT /  RY LIGHT WITH  IV, SHADING INDICATES FACE IRE NUMBER IN SCHEDULE)  MOUNTED EXIT /  RY LIGHT WITH  IV, SHADING INDICATES FACE IRE NUMBER IN SCHEDULE)  RY LIGHT WITH  IV, SHADING INDICATES FACE IRE NUMBER IN SCHEDULE)  RY LIGHT IRE NUMBER IN SCHEDULE)
SURPACE MOUNTED CELLING LUMINAIRE (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  ## RECESSED MOUNTED CELLING LUMINAIRE (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  ## RECESSED MOUNTED CELLING LUMINAIRE (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  ## RECESSED MOUNTED CELLING LUMINAIRE (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  ## PENDANT MOUNTED CELLING LUMINAIRE (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  ## RECESSED MOUNTED WILL LUMINAIRE NUMBER IN SCHEDULE)  ## RECESSED MOUNT	IRE NUMBER IN SCHEDULE)  TED EXIT LIGHT WITH  IV, SHADING INDICATES FACE IRE NUMBER IN SCHEDULE)  G MOUNTED EXIT /  RY LIGHT WITH  IV, SHADING INDICATES FACE IRE NUMBER IN SCHEDULE)  MOUNTED EXIT /  RY LIGHT WITH  IV, SHADING INDICATES FACE IRE NUMBER IN SCHEDULE)  RY LIGHT WITH  IV, SHADING INDICATES FACE IRE NUMBER IN SCHEDULE)  RY LIGHT IRE NUMBER IN SCHEDULE)
PENDANT MOUNTED CEILING LUMINAIRE  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  ## CEILING FAN - NUMBER OF BLADES IN SCHEDULE)  ## CEILING FAN - NUMBER OF BLADES IN SCHEDULE)  ## CEILING FAN - NUMBER OF BLADES IN SCHEDULE)  ## CEILING FAN - NUMBER OF BLADES IN SCHEDULE)  ## CEILING FAN - NUMBER OF BLADES IN SCHEDULE  ## INDICATES LUMINAIRE NUMBER IN SCHEDULE)  ## CEILING FAN - NUMBER OF BLADES IN SCHEDULE  ## INDICATES LUMINAIRE NUMBER IN SCHEDULE)  ## CEILING FAN - NUMBER OF BLADES IN SCHEDULE  ## INDICATES LUMINAIRE NUMBER IN SCHEDULE)  ## CEILING FAN - NUMBER OF BLADES IN SCHEDULE  ## INDICATES LUMINAIRE NUMBER IN SCHEDULE)  ## CEILING FAN - NUMBER OF BLADES IN SCHEDULE  ## INDICATES LUMINAIRE NUMBER IN SCHEDULE)  ## INDICATES LUMINAIRE NUMBER IN SCHEDULE  ## INDICATES LUMINAIRE NUMBER IN SCHEDULE)  ## INDICATES LUMINAIRE NUMBER IN SCHEDULE  ## INDICATES	I, SHADING INDICATES FACE IRE NUMBER IN SCHEDULE)  G MOUNTED EXIT / RY LIGHT WITH IV, SHADING INDICATES FACE IRE NUMBER IN SCHEDULE)  MOUNTED EXIT / RY LIGHT WITH IV, SHADING INDICATES FACE IRE NUMBER IN SCHEDULE) RY LIGHT IRE NUMBER IN SCHEDULE) IAIRE IRE NUMBER IN SCHEDULE) IAIRE IRE NUMBER IN SCHEDULE) ICP# AND S# INDICATE POLE AND
PENDANT MOUNTED CEILING LUMINAIRE  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  TRACK MOUNTED LUMINAIRE  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  TRACK MOUNTED LUMINAIRE  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  IN GRADE/FLOOR LUMINAIRE  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  IN GRADE/FLOOR LUMINAIRE  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  IN GRADE/FLOOR LUMINAIRE  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  IN GRADE/FLOOR LUMINAIRE  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  IN GRADE/FLOOR LUMINAIRE  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)    THEATER SPOT LIGHT  (# IN	RY LIGHT WITH  I/, SHADING INDICATES FACE IRE NUMBER IN SCHEDULE)  MOUNTED EXIT / RY LIGHT WITH  I/, SHADING INDICATES FACE IRE NUMBER IN SCHEDULE) RY LIGHT IRE NUMBER IN SCHEDULE) IAIRE IRE NUMBER IN SCHEDULE) IAIRE IRE NUMBER IN SCHEDULE)  (P# AND S# INDICATE POLE AND
IN GRADE/FLOOR LUMINAIRE (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  # CEILING FAN - NUMBER OF BLADES IN SCHEDULE (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  # THEATER SPOT LIGHT (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  # # # (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  # # # (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  # # # # # # # # # # # # # # # # # # #	MOUNTED EXIT / RY LIGHT WITH W, SHADING INDICATES FACE IRE NUMBER IN SCHEDULE) RY LIGHT IRE NUMBER IN SCHEDULE) IAIRE IRE NUMBER IN SCHEDULE) (P# AND S# INDICATE POLE AND
SHADING INDICATES LUMINAIRE ON LIFE SAFETY CIRCUIT OR WITH BATTERY BACKUP  SHADING INDICATES LUMINAIRE ON CRITICAL CIRCUIT OR WITH BATTERY BACKUP  SHADING INDICATES LUMINAIRE ON CRITICAL CIRCUIT OR WITH BATTERY BACKUP  SHADING INDICATES LUMINAIRE ON CRITICAL CIRCUIT OR WITH BATTERY BACKUP  SHADING INDICATES LUMINAIRE ON CRITICAL CIRCUIT OR WITH BATTERY BACKUP  SHADING INDICATES LUMINAIRE ON CRITICAL CIRCUIT OR WITH BATTERY BACKUP  SHADING INDICATES LUMINAIRE ON CRITICAL CIRCUIT OR WITH BATTERY BACKUP  SHADING INDICATES LUMINAIRE ON CRITICAL CIRCUIT OR WITH BATTERY BACKUP  SHADING INDICATES LUMINAIRE LUMINAIRE ABOVE GRADE LUMINA (# INDICATES LUMINAIRE CONTROL ZONE BOUNDARY  LIGHTING CONTROL ZONE BOUNDARY  LIGHTING CONTROL ZONE BOUNDARY  LIGHTING CIRCUIT/ZONE BOUNDARY  LIGHTING CIRCUIT/ZONE BOUNDARY  LIGHTING CIRCUIT/ZONE BOUNDARY  LIGHTING PANEL - SU LIGHTING PANEL - SU LIGHTING PANEL - FLI LIGHTING PANEL - FLI LIGHTING PANEL - FLI LIGHTING PANEL - SU LIGHTING PANEL - SU LIGHTING PANEL - SU LIGHTING PANEL - FLI LIGHTING PANEL - SU	RY LIGHT IRE NUMBER IN SCHEDULE) IAIRE IRE NUMBER IN SCHEDULE) (P# AND S# INDICATE POLE AND
SECONDARY DAYLIGHT ZONE BOUNDARY  LINES INDICATE ORIENTATION OF LUMINAIRE, WHERE INDICATED  # UNDERCABINET LIGHT (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  ARROW INDICATES UMINAIRE NUMBER IN SCHEDULE)  SINGLE POLE SWITCH  \$ SINGLE POLE SWITCH  \$ LOW VOLTAGE SWITCH/CONTROL  \$ DOUBLE POLE SWITCH  \$ AUTOMATICALLY CONTROLLED DUPLEX RECEPTACLE  \$ SINGLE POLE SWITCH  \$ AUTOMATICALLY CONTROLLED DUPLEX RECEPTACLE  \$ SINGLE POLE SWITCH  \$ SINGLE POLE SWITCH  \$ AUTOMATICALLY CONTROLLED DUPLEX RECEPTACLE  \$ SINGLE POLE SWITCH  \$ AUTOMATICALLY CONTROLLED DUPLEX RECEPTACLE  \$ SINGLE POLE SWITCH  \$ AUTOMATICALLY CONTROLLED DUPLEX RECEPTACLE  \$ SINGLE POLE SWITCH  \$ AUTOMATICALLY CONTROLLED DUPLEX RECEPTACLE  \$ SINGLE POLE SWITCH  \$ SINGLE POLE SWITCH  \$ AUTOMATICALLY CONTROLLED DUPLEX RECEPTACLE  \$ SINGLE POLE SWITCH  \$ SINGLE POLE SWITCH  \$ AUTOMATICALLY CONTROLLED DUPLEX RECEPTACLE  \$ SINGLE POLE SWITCH  \$ SINGLE PHASE MAGN	IRE NUMBER IN SCHEDULE) (P# AND S# INDICATE POLE AND
# UNDERCABINET LIGHT (# INDICATES LUMINAIRE NUMBER IN SCHEDULE)  ARROW INDICATES WALL WASH LUMINAIRE AIMING  SINGLE POLE SWITCH  \$ SINGLE POLE SWITCH  \$ LOW VOLTAGE SWITCH/CONTROL  \$ DOUBLE POLE SWITCH  \$ DOUBLE POLE SWITCH  \$ AUTOMATICALLY CONTROLLED DUPLEX RECEPTACLE  \$ SINGLE POLE SWITCH  \$ AUTOMATICALLY CONTROLLED DUPLEX RECEPTACLE  \$ SINGLE POLE SWITCH  \$ AUTOMATIC TRANSFER  \$ SUBSCRIPT INDICATES GFCI, "T" SUBSCRIPT I	THE TENTE OF THE STATE OF THE S
S SINGLE POLE SWITCH  \$ LOW VOLTAGE SWITCH/CONTROL  \$ LOW VOLTAGE SWITCH/CONTROL  \$ DUPLEX RECEPTACLE "G" SUBSCRIPT INDICATES GFCI,"T" SUBSCRIPT INDICATES TAMPER RESISTANT TYPE, "U" SUBSCRIPT INDICATES COMBINATION USB CHARGING STATION  \$ AUTOMATICALLY CONTROLLED DUPLEX RECEPTACLE  \$ SA 3-WAY SWITCH  \$ ISOLATED GROUND DUPLEX RECEPTACLE  \$ ENCLOSED CIRCUIT E  \$ SINGLE PHASE MAGN	JSH MOUNTED
\$ LOW VOLTAGE SWITCH/CONTROL INDICATES TAMPER RESISTANT TYPE, "U" SUBSCRIPT INDICATES COMBINATION USB CHARGING STATION  \$ DOUBLE POLE SWITCH  \$ AUTOMATICALLY CONTROLLED DUPLEX RECEPTACLE  \$ AUTOMATIC TRANSFER  \$ SOLATED GROUND DUPLEX RECEPTACLE  \$ ENCLOSED CIRCUIT ENCLOSED CONTENION CONTENION CONTENION CONTENION CONTENION CONTENION CONTENION C	, SWITCHBOARD, OR
S3 3-WAY SWITCH	FR SWITCH
S4 4-WAY SWITCH   The hospital grade duplex receptable   Single phase magn	
	ETIC MOTOR STARTER
SINGLE POLE MANUAL MOTOR STARTER WITH ALTOMATICALLY CONTROLLED DURLEY SAFETY CHATCH ALTOMATICALLY CONTROLLED DURLEY	ETIC STARTER/DISCONNECT  SED UNLESS OTHERWISE NOTED)
AIDIOID ON LIT OWN OWN ON LIT OWN OWN ON LIT OWN	:POLES, "C"=FUSE SIZE, "D"=NEMÁ SE SIZE, "MR"=MFGR
SWITCH AND FUSTAT  SPECIAL PURPOSE RECEPTACLE (NEMA CONFIGURE AS NOTED)  MOTOR	
MANUAL DIMMER OR FAN SPEED CONTROL ("F" INDICATES FAN SPEED CONTROL)  HORIZONTAL MOUNTED DUPLEX RECEPTACLE  PB PULL BOX	
CEILING MOUNTED OCCUPANCY SENSOR (# INDICATES SENSOR TYPE IN SCHEDULE)  RANGE RECEPTACLE NEMA 14-50 (125/250V 50A)  WALL MOUNTED JUNG	CTION BOX
WALL MOUNTED OCCUPANCY SENSOR / SWITCH  WELDER RECEPTACLE NEMA 6-50  JUNCTION BOX	R, "C" INDICATES CEILING)
PUSH BUTTON STATION  # (#INDICATES SENSOR TYPE IN SCHEDULE)  # (250V 50A)  DOUBLE DUPLEX RECEPTACLE  BRANCH CIRCUIT	S, O INDIONIES CEILING)
P PHOTOCELL CEILING MOUNTED	NCEALED BELOW FLOOR
P PHOTOCELL WALL MOUNTED A ISOLATED CROWND DOUBLE DUBLEY RECEDTACLE HOMERUN TO PANEL	(NUMBER OF ARROWS
INDICATES NOWIDER C	,
	OMERUN AS INDICATED
R RELAY RECEPTACLE IN AV BOX CONDUIT SEAL	
EMERGENCY LIGHTING RELAY   WALL CLOCK HANGER RECEPTACLE  CIRCUIT DOWN	
LIGHTING CONTACTOR  © CEILING MOUNTED DUPLEX RECEPTACLE  COMBINATION DOWER/DATA ELOOP QUITLET	
COMBINATION POWER/DATA FLOOR OUTLET ("#" INDICATES DEVICE TYPE IN SCHEDULE)  CEILING MOUNTED DOUBLE DUPLEX RECEPTACLE  CONDUIT STUB-OUT	
COMBINATION POWER/AV FLOOR OUTLET ("#" INDICATES DEVICE TYPE IN SCHEDULE)  CEILING MOUNTED RED DUPLEX RECEPTACLE  CIRCUIT BREAK	
COMBINATION POWER/DATA/AV FLOOR OUTLET ("#" INDICATES DEVICE TYPE IN SCHEDULE)  CEILING MOUNTED SPECIAL PURPOSE RECEPTACLE  CORD AND PLUG	
TB # COMBINATION POWER/DATA/AV TABLETOP OUTLET ("#" INDICATES DEVICE TYPE IN SCHEDULE) Ø CEILING MOUNTED SIMPLEX RECEPTACLE # LIGHTING CONTROL TO CONTROL SCHEDULE	
	EDER TAG. SEE BRANCH
MECH EQUIPMENT WITH ELEC CONNECTION, SEE  RECEPTACLE IN CEILING AV BOX  VY ##  LIGHTING ZONE CIRC	UIT DESIGNATION, "XX" INDICATES DICATES CIRCUIT NUMBER
FIRE DETECTION AND ALARM	DICATES CIRCUIT NUMBER
SYMBOL DESCRIPTION SYMBOL DESCRIPTION SYMBOL DESCRIPTION  FIRE ALARM AUTOMATIC SMOKE DETECTOR  FIG. FIRE ALARM CONTROL MODULE  WALL FIRE ALARM SP	DE AVED
SB WITH SOUNDER BASE FIRE ALARM MONITOR MODULE (# INDICATES CANDEL	A RATING WHERE INDICATED)
FIRE ALARM AUTOMATIC WALL SMOKE DETECTOR  FIX FIRE SPRINKLER VALVE TAMPER SWITCH  FIX WALL FIRE ALARM LIGHT (# INDICATES CANDEL	LA RATING WHERE INDICATED)
FIRE ALARM BEAM DETECTOR AND REFLECTOR FIRE SPRINKLER FLOW SWITCH FAA FIRE ALARM ANNUNC	IATOR PANEL
FIRE ALARM HORN AND LIGHT COMBINATION FACP FIRE ALARM CONTRO	L PANEL
FIRE ALARM AUTOMATIC CEILING HEAT DETECTOR  F # FIRE ALARM HORN ("C" INDICATES CEILING)  F F FIRE FIGHTER'S TELE	PHONE JACK
FIRE ALARM AUTOMATIC WALL HEAT DETECTOR  FIRE ALARM HORN AND LIGHT COMBINATION (# INDICATES CANDELA RATING WHERE INDICATED)  FIRE ALARM MAGNET	IC DOOR HOLDER
CO CARBON MONOXIDE DETECTOR  CEILING FIRE ALARM SPEAKER AND LIGHT COMBINATION (# INDICATES CANDELA RATING WHERE INDICATED)  COMBINATION FIRE/S	MOKE DAMPER
CARBON MONOXIDE/SMOKE DETECTOR  WALL FIRE ALARM SPEAKER AND LIGHT COMBINATION (# INDICATES CANDELA RATING WHERE INDICATED)  SMOKE DAMPER	
F FIRE ALARM MANUAL STATION FIRE ALARM CEILING SPEAKER  TECHNOLOGY SYSTEM ROUGH-IN	
SYMBOL DESCRIPTION SYMBOL DESCRIPTION SYMBOL DESCRIPTION	
▼     COMMUNICATIONS OUTLET       -     CEILING COMMUNICATIONS OUTLET    CAMERA	NITPOU ET
TELEVISION / VIDEO OUTLET  PS  DOOR LOCK POWER SUPPLY  DOOR LOCK POWER SUPPLY  ELECTRONICALLY COMMONITORED DOOR LOCK POWER SUPPLY	
AV WALL OUTLET  ACCESS CONTROL DEVICE LOCATION "M" INDICATES MULLION MOUNT  MONITORED DOOR LO	OCATION
GROUND BAR CONDUIT SLEEVE WITH BUSHINGS CABLE TRAY DROP OF	
CABLE TRAY  ("#" INDICATES TRAY DIMENSIONS)  J-J-J-J  J-HOOK STYLE CABLE HANGERS  ("#" INDICATES TRAY DIMENSIONS)	DIMENSIONS)
CABLE TRAY - WALL MOUNTED  ("#" INDICATES TRAY DIMENSIONS)  WIRELESS ACCESS P	OINT
REFER TO NOTES ON FLOOR PLANS AND DETAILS FOR INSTALLATION REQUIREMENTS FOR EACH ROUGH-IN	
SYMBOL DESCRIPTION SYMBOL DESCRIPTION SYMBOL DESCRIPTION SYMBOL DESCRIPTION	
COMBINATION CLOCK / SPEAKER UNIT C CHIME AQUASTAT	
ADEL OF DECOME COMMUNICATION	
ARCM AREA OF RESCUE COMMUNICATION B CHIME BUTTON THERMOSTAT	
ARCM SYSTEM MASTER UNIT  AREA OF RESCUE COMMUNICATION SYSTEM REMOTE UNIT  ELECTRIC VEHICLE CHARGING STATION DASHED LINES INDICATE FUTURE  CHIME BUTTON  ELECTRIC SOLENOID VALVE  ELECTRIC SOLENOID VALVE  BELL  THERMOSTAT	
SYSTEM MASTER UNIT  ARCR  ARCA OF RESCUE COMMUNICATION SYSTEM REMOTE UNIT  ELECTRIC SOLENOID VALVE  ELECTRIC SOLENOID VALVE  BELL  TO STORY  BELL	
SYSTEM MASTER UNIT  AREA OF RESCUE COMMUNICATION SYSTEM REMOTE UNIT  ELECTRIC VEHICLE CHARGING STATION DASHED LINES INDICATE FUTURE  AUDIOVISUAL	
SYSTEM MASTER UNIT  AREA OF RESCUE COMMUNICATION SYSTEM REMOTE UNIT  ELECTRIC SOLENOID VALVE  ELECTRIC VEHICLE CHARGING STATION DASHED LINES INDICATE FUTURE  SYMBOL  DESCRIPTION  SYMBOL  CHIME BUTTON  ELECTRIC SOLENOID VALVE  ELECTRIC SOLENOID VALVE  DO  HERMOSTAT  HERMOSTAT  HERMOSTAT  SHADLO  BELL  SYMBOL  DESCRIPTION  SYMBOL  DESCRIPTION  SYMBOL  DESCRIPTION  SYMBOL  DESCRIPTION	AT PANEL DISPLAY
SYSTEM MASTER UNIT  AREA OF RESCUE COMMUNICATION SYSTEM REMOTE UNIT  ELECTRIC VEHICLE CHARGING STATION DASHED LINES INDICATE FUTURE  AUDIOVISUAL  SYMBOL DESCRIPTION SYMBOL DESCRIPTION SYMBOL DESCRIPTION SYMBOL DESCRIPTION SYMBOL DESCRIPTION SYMBOL OF CEILING MOUNTED LOUDSPEAKER  C CALL IN SWITCH  AV WALL OUTLET  WALL MOUNTED FLAT  WAL	
SYSTEM MASTER UNIT  AREA OF RESCUE COMMUNICATION SYSTEM REMOTE UNIT  ELECTRIC VEHICLE CHARGING STATION DASHED LINES INDICATE FUTURE  AUDIOVISUAL  SYMBOL  DESCRIPTION  SYMBOL  DESCRIPTION  SYMBOL  SYMBOL  DESCRIPTION  SYMBOL  CEILING MOUNTED LOUDSPEAKER  CALL IN SWITCH  AV WALL OUTLET ("#" INDICATES TYPE. REFER TO DETAILS.)  AV TABLETOP BOX  TABLE MOUNTED MICROPHONE  FRONT / REAR PROJECTOR  TABLE MOUNTED MICROPHONE	PANEL DISPLAY CTION SCREEN
SYSTEM MASTER UNIT  AREA OF RESCUE COMMUNICATION SYSTEM REMOTE UNIT  ELECTRIC SOLENOID VALVE  ELECTRIC SOLENOID VALVE  ELECTRIC SOLENOID VALVE  BELL  AUDIOVISUAL  SYMBOL  DESCRIPTION  SYMBOL  SYMBOL  DESCRIPTION  SYMBOL	PANEL DISPLAY CTION SCREEN TEBOARD AMERA
SYSTEM MASTER UNIT  AREA OF RESCUE COMMUNICATION SYSTEM REMOTE UNIT  ELECTRIC SOLENOID VALVE  ELECTRIC SOLENOID VALVE  ELECTRIC SOLENOID VALVE  BELL  AUDIOVISUAL  SYMBOL  DESCRIPTION  SYMBOL  DESCRI	PANEL DISPLAY  CTION SCREEN TEBOARD  AMERA N SPECS)  AV CAMERA
ARCM SYSTEM MASTER UNIT  AREA OF RESCUE COMMUNICATION SYSTEM REMOTE UNIT  EV [EV] ELECTRIC SOLENOID VALVE  BELL  AUDIOVISUAL  SYMBOL DESCRIPTION SYMBOL DESCRIPTION SYMBOL DESCRIPTION SYMBOL DESCRIPTION  WALL / SURFACE MOUNTED LOUDSPEAKER  C CALL IN SWITCH  AV WALL OUTLET ("#" INDICATES TYPE. REFER TO DETAILS.)  AV TABLETOP BOX ("#" INDICATES TYPE IN SPECS)  AV ROOM SCHEDULER ("#" INDICATES TYPE IN SPECS)  AV WALL MOUNTED AVC ("#" INDICATES TYPE IN SPECS)  AV ROOM SCHEDULER ("#" INDICATES TYPE IN SPECS)	PANEL DISPLAY  CTION SCREEN TEBOARD  AMERA N SPECS)  AV CAMERA N SPECS)

			NURSE CALL		
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
MS	MASTER STATION	NCC	CENTRAL CONTROLLER/SERVER	<b></b> ○ <sub>#</sub>	PATIENT STATION WITHOUT AUDIO
СВ	CODE (EMERGENCY) CALL STATION	AUX	AUXILIARY INPUT STATION	<b>+•</b> #	PATIENT STATION WITH TWO-WAY AUDIO AND STAFF ASSISTANCE CALL BUTTON
DS	DUTY STATION - TONE/VISUAL	С	CANCEL BUTTON	#-●#	PATIENT STATION WITH TWO-WAY AUDIO, CODE (EM.) AND STAFF ASSISTANCE CALL BUTTONS
DA	DUTY STATION - TWO-WAY AUDIO/VISUAL	BC	BED CONNECTOR MODULE	Δ	CORRIDOR DOME LIGHT
SS	STAFF STATION	CB/SA	COMBINATION CODE (EMERGENCY) CALL AND STAFF ASSISTANCE STATION	$\triangle^{Z}$	CORRIDOR DOME LIGHT - ZONE
SA	STAFF ASSISTANCE STATION	BS	BATH STATION WITH PULL CORD	_	CORRIDOR DOME LIGHT - EMERGENCY
ST	STAFF WORKFLOW STATION - TOUCHSCREEN	BW	BATH STATION WITH PULL CORD - IP68 RATED		
SB	STAFF WORKFLOW STATIONS - BUTTONS	BA	BATH STATION WITH PULL CORD AND TWO-WAY AUDIO		
		ľ	NURSE CALL SUBSCRIPTS (#)		
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
С	PUSH BUTTON CORD SET	P1	PILLOW SPEAKER WITH 1 ZONE OF BED LIGHTING CONTROL	P4	PILLOW SPEAKER WITH 2 ZONES OF BED LIGHTING CONTROL AND TV CONTROL
В	SQUEEZE BULB CORD SET	P2	PILLOW SPEAKER WITH 2 ZONES OF BED LIGHTING CONTROL	P5	PILLOW SPEAKER WITH 1 ZONE OF BED LIGHTING CONTROL, TV CONTROL, AND BED CONTROL
PF	CONNECTOR IN FACE OF PATIENT STATION FOR FUTURE PILLOW SPEAKER	P3	PILLOW SPEAKER WITH 1 ZONE OF BED LIGHTING CONTROL AND TV CONTROL	P6	PILLOW SPEAKER WITH 2 ZONES OF BED LIGHTING CONTROL, TV CONTROL, AND BED CONTROL
			SECURITY		
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
<b>₽</b> XX	WALL MOUNT MOTION SENSOR (90 = 90°, 180 = 180°, NB = NARROW BEAM)	GB	GLASS BREAK SENSOR	<b></b>	WALL MOUNT 360 DEGREE CAMERA
<b>(5)</b>	CEILING MOUNT MOTION SENSOR	IC S/M,V	INTERCOM STATION ("S" SUBSTATION, "M" MASTER STATION, "V" INDICATES VIDEO)	•	360 DEGREE CAMERA
	ACCESS CONTROL DEVICE LOCATION "M" INDICATES MULLION MOUNT	KP	SECURITY KEYPAD DEVICE		WALL MOUNT MULTISENSOR CAMERA
•	ELECTRONICALLY CONTROLLED AND MONITORED DOOR LOCATION	KS	KEY SWITCH		MULTISENSOR CAMERA
•	(REFER TO ACCESS CONTROL OPENING SCHEDULE)	PS	DOOR LOCK POWER SUPPLY	₽	WALL MOUNT CAMERA
<b>•</b>	MONITORED DOOR LOCATION (REFER TO ACCESS CONTROL OPENING SCHEDULE)	RA	REMOTE ANNUNCIATOR DEVICE	€	CAMERA
<b>∠</b> G,D	AUTOMATIC OPERATOR CONNECTION POINT ("G" GATE, "D" DOOR)	RQE M,P	REQUEST TO EXIT DEVICE ("M" MOTION SENSOR, "P" PUSH BUTTON)	$\Theta$	PTZ CAMERA
● <sub>P/D</sub>	SECURITY PUSH BUTTON ("P/D" INDICATES PANIC ALARM OR DOOR RELEASE)	SEC	SECURITY EQUIPMENT CABINET(S), TYPE AND QUANTITY MAY VARY FROM WALL MOUNTED,	$\boxtimes$	SOUNDER
		513	FREE STANDING RACKS, OR EXTERIOR RATED, REFER TO DETAILS		STROBE
			SUBSCRIPTS		
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
EP	SUBSCRIPT "EP" APPLIED TO ANY SYMBOL INDICATES EXPLOSION PROOF, CLASS, GROUP & DIVISION AS NOTED	К	SUBSCRIPT "K" ADDED TO ANY SYMBOL INDICATES KEY OPERATED	WP	SUBSCRIPT "WP" APPLIED TO ANY SYMBOL INDICATES WEATHERPROOF NEMA 3R OR EQUIVALENT
Е	SUBSCRIPT "E" ADDED TO ANY SYMBOL INDICATES EXISTING	WG	SUBSCRIPT "WG" ADDED TO ANY SYMBOL INDICATES WIRE GUARD	Р	SUBSCRIPT "P" ADDED TO ANY SYMBOL INDICATES PILOT LIGHT
PD	SUBSCRIPT "PD" ADDED TO ANY FLOOR OUTLET INDICATES PEDESTAL MOUNTED			NL	SUBSCRIPT "NL" ADDED TO ANY SYMBOL INDICATES AN UNSWITCHED LUMINAIRE OPERATING AS A NIGHT LIGHT
	01/2000/27 #4.0# ADDED TO ANY/OVARDOL INDICATED ADO	VE COUNTED LOCATE O	PENTER OF REVICE 4" AROVE COUNTER CUREACE OR VALLERE	DDEOENIT 411 ADOVE D	A OLYOPI A OLI MULEDE INIDIO ATED

SUBSCRIPT "AC" ADDED TO ANY SYMBOL INDICATES ABOVE COUNTER. LOCATE CENTER OF DEVICE 4" ABOVE COUNTER SURFACE OR WHERE PRESENT, 4" ABOVE BACKSPLASH. WHERE INDICATED

- LIGHTING CIRCUIT/ZONE BOUNDARY.

CIRCUITS AND ASSOCIATED CIRCUIT

ZONES. BOUNDARIES FOR SPECIFIC

BOUNDARY" LINETYPE. CONNECT

INDICATED BRANCH CIRCUITS. CONNECT

TO CONTROL FIXTURES WITHIN THAT

ROOM UNLESS OTHERWISE NOTED.

HATCHING INDICATES FIXTURE ON

LIGHTING CONTROL TYPE.

INDICATED

PRIMARY ZONE

SECONDARY ZONE

"NL" INDICATES NIGHT LIGHT

HATCHING INDICATES FIXTURE ON

LIFE SAFETY POWER CIRCUIT WHEN

LIGHTING ZONE CIRCUIT DESIGNATION.

("XX" INDICATES PANEL NAME, "##"

INDICATES CIRCUIT NUMBER)

LINE INDICATES DAYLIGHT

LIGHTING CONTROLS WITHIN EACH ROOM

DRAWINGS INDICATE LIGHTING BRANCH NORMAL AND/OR LIFE SAFETY AND/OR CRITICAL LIGHTING CIRCUITS ARE INDICATED BY "LIGHTING CIRCUIT FIXTURES WITHIN EACH CIRCUIT ZONE TO LIGHTING CONTROL ZONE BOUNDARY DEFINES SEPARATION OF LIGHTING CONTROL TYPES LOW VOLTAGE CRITICAL CIRCUIT WITHIN THE SAME SPACE — SWITCH/CONTROL -(SEE LIGHTING CONTROL SCHEDULE) LIFE SAFETY CIRCUIT OR WITH BATTERY BACKUP NORMAL POWER CIRCUIT INDICATED CRITICAL POWER CIRCUIT WHEN - LINE INDICATES DAYLIGHT

ADJACENT TO LAVATORY WITHOUT COUNTER, LOCATE CENTER OF DEVICE 8" ABOVE RIM OF LAVATORY.

NOTES:

1. WHERE INDICATED, LOWER CASE LETTERING INDICATES LUMINAIRE(S) CONTROLLED BY CONTROL DEVICE/ CONTROL TYPE WITH THE SAME LETTER WITHIN THE SAME ROOM. 2. DRAWINGS INDICATE AREAS REQUIRING OCCUPANCY SENSOR CONTROL OF LUMINAIRES. FOR EACH ROOM OR AREA WITH OCCUPANCY SENSOR CONTROL, PROVIDE SENSORS AND RELATED EQUIPMENT AS REQUIRED FOR COMPLETE COVERAGE AND CONTROL SCHEMES AS INDICATED ON PLANS. SUBMIT SHOP DRAWINGS INDICATING DEVICE LAYOUT AND CIRCUITING. SEE SPECIFICATIONS. 3. REFER TO LIGHTING CONTROL SYSTEM SPECIFICATION AND LIGHTING CONTROL SCHEDULE FOR REQUIREMENTS. ROOMS SHOWN ARE AN EXAMPLE ONLY.

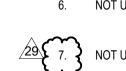
> LIGHTING CIRCUIT AND ANNOTATION LEGEND NO SCALE

FIRE ALARM GENERAL NOTES:

FIRE ALARM DEVICES ARE INDICATED SCHEMATICALLY FOR DESIGN INTENT. DEVICE QUANTITIES INDICATED ARE MINIMUM. PROVIDE ADDITIONAL DEVICES AS

REQUIRED. FIRE ALARM SUPPLIER SHALL SELECT CANDELA RATINGS OF STROBES TO PROVIDE REQUIRED COVERAGE. PROVIDE ELECTRICAL CONNECTION TO FIRE/SMOKE DAMPERS INCLUDING POWER AND FIRE ALARM CIRCUITS. COORDINATE EXACT QUANTITIES AND LOCATIONS OF DAMPERS WITH MECHANICAL DRAWINGS. SEE DETAIL 4/E0600. PROVIDE FIRE ALARM CONNECTION TO FIRE SPRINKLER FLOW SWITCHES, TAMPER SWITCHES AND POST INDICATOR VALVE. COORDINATE EXACT QUANTITIES AND LOCATIONS WITH MECHANICAL DRAWINGS AND WITH SPRINKLER CONTRACTOR. AT PIV, PROVIDE RGS CONDUIT A MINIMUM OF 12 INCHES ABOVE GRADE.

FIRE ALARM OCCUPANT NOTIFICATION SHALL BE PUBLIC MODE UNLESS NOTED FIRE ALARM OCCUPANT NOTIFICTION SHALL BE PRIVATE MODE WITHIN PATIENT ROOMS AND SPACES OPEN TO PATIENT ROOM. NOT USED.



THE FIRE ALARM SYSTEM WILL BE USED AS A MASS NOTIFICATION SYSTEM (MNS) FOR SEVERE WEATHER AND OTHER NON-FIRE EVENTS. FIRE ALARM RISER CABLES BETWEEN CONTROL EQUIPMENT WILL HAVE LEVEL 3 PATHWAY SURVIVABILITY ACHIEVED BY USING 2-HOUR FIRE RATED VERTICALLY STACKED TECHNOLOGY ROOMS WITH SPRINKLER SYSTEM PROTECTION OR USING A 2-HOUR RATED CABLE ASSEMBLY.

10. PROVIDE PRIVATE MODE FIRE ALARM NOTIFICATION WITHIN THE BEHAVIORAL HEALTH 13. UNIT AND PUBLIC MODE IN REMAINING AREA. REQUIRED VISUAL DEVICES FOR PRIVATE MODE ARE DETERMINED BY AHJ. 11. FIRE ALARM SYSTEM SHALL BE AN EXTENSION OF THE EXISTING NOTIFIER CAMPUS FIRE ALARM SYSTEM. PROVIDE NEW FIRE ALARM DEVICES COMPATIBLE WITH EXISTING SYSTEM. EXPAND EXISTING SYSTEM AS REQUIRED TO ACCOMMODATE NEW 14.

DEVICES. THE EXISTING FIRE ALARM SYSTEM IS NOTIFIER, NEW DEVICES SHALL BE AS

A. SMOKE DETECTORS: NOTIFIER FSP (GENERAL AREAS) B. ADDRESSABLE MODULES: NOTIFIER F (FLASHSCAN SERIES) C. CEILING MOUNT SPEAKERS: SPECTR ALERT SPCWL

D. CEILING MOUNT STROBES: SPECTR ALERT SWL E. COMBINATION SPEAKER/STROBE: SPECTR ALERT SPSWL F. MANUAL PULL STATIONS: DUAL-ACTION NOTIFIER NBG-12X G. HEAT DETECTORS: NOTIFIER FAPT-851

H. PATIENT ROOM DETECTORS: NOTIFIER FSP W/ RA400Z REMOTE LED I. GENERAL SMOKE DETECTORS: NOTIFIER FSP J. SMOKE DETECTORS AT FIRE ALARM POWER SUPPLIES, AMPLIFIERS, AND OTHER PANEL BASED EQUIPMENT: NOTIFIER FCO-851 K. DUCT DETECTORS: NOTIFIER DNR HOUSING WITH FSP-851 DETECTOR, FRM-1

RELAY AND RTS451 KEY L. ADDRESSABLE RELAY MODULES: NOTIFIER F SERIES THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION.

FIRE ALARM CONDUIT SHALL BE FACTORY ANODIZED RED PER CONDUIT SPECIFICATION.

14. FIRE ALARM NOTIFICATION APPLIANCE CIRCUITS (NAC) AND SIGNALING LINE CIRCUITS (SLC) WILL ONLY SERVE ONE FLOOR AND HAVE CLASS A WIRING. FIRE ALARM WIRING SHALL BE UL PLENUM RATED, TYPE FPL: A. SLC - 16/2 - YELLOW

B. SPEAKER - 16/2 - ORANGE C. STROBE - 14/2 - BLUE D. DAP - 14/2 - BLACK E. DOOR HOLDS - 14/2 - PURPLE

F. FIRE PHONE SYSTEM - 14/2 - YELLOW 15. PROVIDE TEMPORARY DETECTION AS REQUIRED FOR THE ENTIRETY OF THE PROJECT SCHEDULE OR PROVIDE FIRE WATCH IN ACCORDANCE WITH HOSPITAL REQUIREMENTS.

16. SUBMIT PRODUCT DATA AND SHOP DRAWINGS FOR REVIEW BY PROJECT TEAM PRIOR TO SUBMITTING FOR REVIEW TO THE AUTHORITY HAVING JURISDICTION.

#### **LIGHTING GENERAL NOTES:**

1. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LUMINAIRE AND DEVICE LOCATIONS. REFER TO LIGHTING CIRCUIT AND CONTROL ANNOTATION LEGEND ON THIS SHEET. GENERATOR LUMINAIRES WITH A BRANCH CIRCUIT TRANSFER SWITCH OR A SWITCH BYPASS DEVICE REQUIRE MULTIPLE CONNECTIONS SUCH AS NORMAL POWER UNSWITCHED, NORMAL POWER SWITCHED AND GENERATOR POWER UNSWITCHED. UPON NORMAL POWER FAILURE, THE TRANSFER SWITCH SHALL CONNECT THE LUMINAIRE(S) AT FULL INTENSITY TO THE UNSWITCHED GENERATOR

POWER CIRCUIT. WHERE A SWITCH BYPASS DEVICE IS USED. THE LUMINAIRE

SHALL BE POWERED FROM THE GENERATOR CIRCUIT. UPON NORMAL POWER FAILURE. THE SWITCH BYPASS DEVICE SHALL PROVIDE POWER TO THE LUMINAIRE REGARDLESS OF THE POSITION OF THE ASSOCIATED SWITCH. 4. SEE LIGHTING CONTROL SCHEDULE FOR EMERGENCY LIGHTING RELAY (BRANCH CIRCUIT EMERGENCY LIGHTING TRANSFER SWITCH, AND AUTOMATIC LOAD CONTROL RELAY) REQUIREMENTS. EMERGENCY LIGHTING RELAYS ARE NOT INDICATED ON PLANS. PROVIDE RELAYS AS REQUIRED BY LIGHTING CONTROL SCHEDULE. EMERGENCY LIGHTING RELAYS REQUIRE MULTIPLE CONNECTIONS SUCH AS NORMAL POWER UNSWITCHED, NORMAL POWER SWITCHED AND GENERATOR POWER

UNSWITCHED. VERIFY EXACT WIRING REQUIREMENTS WITH RELAYS PROVIDED. CONNECT EXIT SIGNS TO NEAREST UNSWITCHED LIFE SAFETY LIGHTING CIRCUIT SERVING CORRESPONDING AREA, UNLESS OTHERWISE INDICATED. 6. SITE LIGHTING LUMINAIRE LOCATIONS ARE APPROXIMATE. COORDINATE EXACT LOCATIONS WITH LANDSCAPE ARCHITECT DRAWINGS. 7. LOCATE REMOTE DRIVERS/BALLASTS FOR LUMINAIRES ABOVE THE NEAREST

ACCESSIBLE CEILING UNLESS OTHERWISE INDICATED. 8. UNLESS NOTED OTHERWISE, IN MECHANICAL AND ELECTRICAL SPACES, CHAIN HANG LUMINAIRE(S) AS HIGH AS POSSIBLE BELOW PIPES AND DUCTS, BUT NOT HIGHER THAN 10'-0" AFF. COORDINATE FINAL LOCATIONS IN THE FIELD WITH ALL TRADES. THE LIGHTING FIXTURE AND LIGHTNG CONTROL PACKAGES SHALL BE BID AS

SEPARATE PACKAGES.

GENERAL NOTES:

1. INSTALL GREEN INSULATED GROUND WIRE WITH EACH LIGHTING, RECEPTACLE, AND EQUIPMENT BRANCH CIRCUIT. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH BRANCH CIRCUIT REQUIRING A NEUTRAL, UNLESS OTHERWISE NOTED.

MINIMUM SIZE FOR BRANCH CIRCUIT CONDUITS SHALL BE 3/4". MINIMUM DATA/COMMUNICATIONS CONDUIT SIZE SHALL BE 1". SEE DRAWINGS FOR AREAS WHERE LARGER CONDUITS ARE REQUIRED. CONCEAL CONDUITS INSTALLED IN WALLS AND IN AREAS WITH SUSPENDED

IN FINISHED AREAS WITH EXPOSED STRUCTURE, COORDINATE ROUTING OF CONDUITS AT STRUCTURE WITH ARCHITECT. CONCEAL CONDUITS FROM VIEW AS MUCH AS POSSIBLE.

SPECIFICATIONS LIST ACCEPTABLE WIRING METHODS AND MATERIALS. OTHER WIRING METHODS AND MATERIALS NOT LISTED IN THE SPECIFICATIONS ARE NOT

7. DO NOT ROUTE CONDUITS IN FLOOR SLABS UNLESS OTHERWISE NOTED. WHERE CONDUIT STUB UP FROM SLAB IS EXPOSED, TRANSITION FROM NON-METALLIC TO METALLIC CONDUIT PER SPECIFICATIONS.

9. SEAL ELECTRICAL PENETRATIONS IN WALLS AND FLOOR TO REDUCE NOISE 10. SEAL PENETRATIONS IN FIRE RATED CONSTRUCTION TO MAINTAIN RATINGS. 11. PROVIDE #10 MINIMUM CONDUCTOR SIZE FOR EMERGENCY LIFE SAFETY CIRCUITS. WIRING DEVICES CONNECTED TO THE EMERGENCY GENERATOR SHALL BE RED. INSTALL CONDUIT AND BOXES LOCATED NEAR METAL ROOF DECKS SO THAT THE NEAREST OUTER SURFACE OF THE CONDUIT OR BOX IS NOT LESS THAN 2 INCHES FROM THE NEAREST SURFACE OF THE ROOF DECKING. PROVIDE SPACERS AND SUPPORTS AS REQUIRED. RIGID METAL CONDUIT AND INTERMEDIATE METAL

CONDUIT ARE NOT REQUIRED TO MAINTAIN THIS CLEARANCE.

LABELING FOR PANELBOARD DIRECTORIES, FIRE ALARM PANEL PROGRAMMING, ETC., SHALL USE ROOM NUMBERS ASSIGNED BY OWNER AND NOT ROOM NUMBERS LISTED ON DRAWINGS. LABELS ON PANELBOARD DIRECTORY SHALL INCLUDE A DESCRIPTION OF LOAD SUCH AS LIGHTS, RECEPTACLES, MECHANICAL UNIT LOCATIONS, ETC.

15. IN AREAS WITH PRECAST PANELS. COORDINATE INSTALLATION OF FLUSH-MOUNTED DEVICE BOXES AND CONCEALED CONDUITS WITH PRECAST PANEL SUPPLIER SUCH THAT CONDUIT AND, BOXES ARE CAST WITHIN EACH WALL SECTION. FURNISH CONDUIT AND BOXES TO PRECAST SUPPLIER FOR EMBEDDING INTO WALLS. 16. REFER TO ARCHITECTURAL ELEVATIONS AND SECTIONS (AS APPLICABLE) FOR EXACT DEVICE LOCATIONS.

UNLESS OTHERWISE INDICATED, CONNECT RECEPTACLES AND LIGHTS INTEGRAL WITH MECHANICAL UNITS TO CLOSEST RECEPTACLE CIRCUIT WITH ADEQUATE 12. PERFORM A FULL FUNCTION TEST ON ALL DEVICES IN THE AREA OF RENOVATION TO 18. COORDINATE PHASING REQUIREMENTS, BOUNDARIES, ETC., WITH ARCHITECTURAL

> CIRCUIT PANELBOARDS SERVING THE SAME INDIVIDUAL PATIENT VICINITY PER PROVIDE REDUNDANT GROUND PATH FOR ALL BRANCH CIRCUITS SERVING PATIENT CARE AREAS PER NEC/NFPA 99.

21. COORDINATE EXACT CAMERA LOCATIONS WITH SECURITY VENDOR. PROVIDE

ROUGH-IN AND ROUTE CONDUIT TO NEAREST MDF / IDF ROOM.

19. PROVIDE PANELBOARD BONDING BETWEEN NORMAL AND ESSENTIAL BRANCH

**POWER GENERAL NOTES:** 

RIGIDLY SECURE SLAB ON GRADE FLOOR BOXES IN PLACE PRIOR TO CONCRETE POUR. INSTALL FLOOR BOXES PARALLEL/PERPENDICULAR TO WALLS IN THE SAME SPACE. ALIGN BOXES LOCATED IN THE SAME SPACE. PROVIDE POWER CONNECTION TO CONTROL PANELS. TRANSFORMERS AND OTHER ITEMS FURNISHED BY MECHANICAL CONTRACTOR FOR HVAC CONTROL COORDINATE LOCATIONS OF DEVICES REQUIRING POWER CONNECTIONS WITH MECHANICAL CONTRACTOR.

LABEL RECEPTACLE WALL PLATES WITH THE CORRESPONDING PANEL AND PROVIDE A COMMON NEUTRAL FOR MULTIPLE CIRCUITS SERVING SYSTEMS FURNITURE. PROVIDE HANDLE TIES ON ASSOCIATED BREAKERS. REFER TO ARCHITECTURAL AND FINAL FURNITURE PLANS FOR FINAL FLOORBOX LOCATIONS, INCLUDING DIMENSIONS. FOR DRYER RECEPTACLE (NEMA 14-30R), PROVIDE 3 #10, #10 GND, 3/4" CONDUIT. FOR RANGE RECEPTACLE (NEMA 14-50R), PROVIDE 3 #6, #10 GND, 1" CONDUIT. ALL 5-20R RECEPTACLES SHALL BE HOSPITAL GRADE.

REFER TO ARCHTECTURAL SPACE RISK DRAWINGS:

RECEPTACLES IN MEDIUM AND HIGH RISK AREAS (REFER TO ARCHITECTURAL RISK DRAWINGS) SHALL BE TAMPER RESISTANT AND PROTECTED BY A COMBINATION ARC FAULT AND GFCI BRANCH CIRCUIT BREAKER.

2. COVER PLATES IN MEDIUM AND HIGH RISK AREAS SHALL BE SECURITY TYPE (KENALL MIGHTY MAC WSP SERIES OR EQUIVALENT).

RECEPTACLES IN LOW RISK AREAS (REFER TO ARCHITECTURAL RISK DRAWINGS) SHALL BE TAMPER RESISTANT. GFCI PROTECTION SHALL BE PROVIDED AS REQUIRED BY NEC EITHER LOCALLY OR AT THE BRANCH

CIRCUIT BREAKER. 4. COVER PLATES IN LOW RISK AREAS SHALL BE NON-SECURITY TYPE.



Oklahoma

Children's Hospital

Behavioral Health Center

Oklahoma Children's Hospital

OU Health

Behavioral Health Center

960 NE 13th Street

Oklahoma City, OK 73104

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116

www.bockus-payne.com

Buffalo, NY 14202

P: 716.773.6800

F: 716.773.5909

www.cannondesign.com

Alvine Engineering MEP Engineer

1001 W. Wilshire, Suite 102

Oklahoma City, OK 73116

405.936.3480

Kimley-Horn

Structural Engineer

6160 Warren Parkway, Suite 210

Frisco, TX 75034

972.335.3580

OK FIRM #CA 2740 PE

2023 ©

Kimley-Horn

Civil Engineer

4727 Gaillardia Parkway, Suite 250

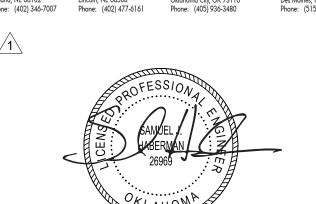
Oklahoma City, OK 73142

405.241.5423

OK FIRM #CA 2740 PE

2023 ©

**BOCKUS PAYNE** 



Rev. Description

Addendum 1 Addendum 3 PR-12

EXPIRES 30/JUNE/2026

08/18/2023 08/31/2023 09/26/2024

SYMBOLS INDICATED HERE AND NOT USED IN THE CONTRACT DOCUMENTS DO NOT APPLY TO THIS PROJECT. ADDITIONAL SYMBOLS AND ABBREVIATIONS

MAY BE INDICATED IN THE CONTRACT DOCUMENTS.

© 2019 The Cannon Corporation
All rights reserved. No part of this document may
be reproduced or utilized in any form, without prior
written authorization by The Cannon Corporation.

CEILING MOUNTED AV BACKBOX ("#" INDICATES TYPE IN SPECS)

_		ABBREVIATI	ONS			
AMP	ELEC		LTG	LIGHTING	REQD	REQUIRED
ALTERNATING CURRENT	EMD	MAXIMUM DEMAND	MATV	MASTER ANTENNA TELEVISION	RM	ROOM
ABOVE FINISHED FLOOR	EMI	ELECTROMAGNETIC INTERFERENCE	MAX	MAXIMUM	SBB	SECONDARY BONDING BUSBAR
AUTHORITY HAVING JURISDICTION	EPO	EMERGENCY POWER OFF	MCB	MAIN CIRCUIT BREAKER	SCHD	SCHEDULE
APPROXIMATELY	EQUIP	EQUIPMENT	MECH	MECHANICAL	SIM	SIMILAR
AUTOMATIC TRANSFER SWITCH	EXIST	EXISTING	MGB	MAIN GROUND BAR	SPD	SURGE PROTECTIVE DEVICE
AUXILIARY	FA	FIRE ALARM	MIN	MINIMUM	SPECS	SPECIFICATIONS
AUDIOVISUAL	FAA	FIRE ALARM ANNUNCIATOR PANEL	MISC	MISCELLANEOUS	SS	STAINLESS STEEL
AVERAGE	FACP	FIRE ALARM CONTROL PANEL	MLO	MAIN LUGS ONLY	STD	STANDARD
AMERICAN WIRE GAUGE		. =	MTD	MOUNTED	SW	SWITCH
BUILDING MANAGEMENT CONTROL			MTG	MOUNTING	SWBD	SWITCHBOARD
SYSTEM			N1	NEMA 1 ENCLOSURE	SWGR	SWITCHGEAR
BUILDING	FT	FEET	N3R	NEMA 3R ENCLOSURE	TELECOM	TELECOMMUNICATIONS
CONDUIT	FSAE	FIRE SERVICE ACCESS ELEVATOR	N4X	NEMA 4X ENCLOSURE	TEMP	TEMPERATURE
CABLE TELEVISION	GALV	GALVANIZED	NC	NORMALLY CLOSED	TTB	TELEPHONE TERMINAL BOARD
CIRCUIT BREAKER	GC	GENERAL CONTRACTOR	NIC	NOT IN CONTRACT	TV	TELEVISION
CLOSED CIRCUIT TELEVISION	GEC	GROUNDING ELECTRODE CONDUCTOR	NO	NORMALLY OPEN	TYP	TYPICAL
CIRCUIT	GEN	GENERATOR	NTS	NOT TO SCALE	UG	UNDERGROUND
CENTER LINE	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	OC	ON CENTER	UNO	UNLESS NOTED OTHERWISE
CEILING	GND	GROUND	OFCI	OWNER FURNISHED	UPS	UNINTERRUPTIBLE POWER SUPPLY
COMPUTER ROOM AIR CONDITIONER	HP	HORSEPOWER		CONTRACTOR INSTALLED	VA	VOLT-AMPS
DIAMETER	HZ	HERTZ	PB	PULLBOX	W	WATT
DISCONNECT	IC	INTERCOM	PBB	PRIMARY BONDING BUSBAR	XFMR	TRANSFORMER
DISTRIBUTION	JB	JUNCTION BOX	PDU	POWER DISTRIBUTION UNIT		
DOWN	KCMIL	THOUSAND CIRCULAR MILS	PERP	PERPENDICULAR		
DRAWING	KV	KILOVOLT	PIV	POST INDICATOR VALVE		
ELECTRICAL CONTRACTOR	KVA	KILOVOLT AMPERE	PNL	PANEL		
ELECTRICAL GROUND BAR	KW	KILOWATT	PWR	POWER		
	ABOVE FINISHED FLOOR AUTHORITY HAVING JURISDICTION APPROXIMATELY AUTOMATIC TRANSFER SWITCH AUXILIARY AUDIOVISUAL AVERAGE AMERICAN WIRE GAUGE BUILDING MANAGEMENT CONTROL SYSTEM BUILDING CONDUIT CABLE TELEVISION CIRCUIT BREAKER CLOSED CIRCUIT TELEVISION CIRCUIT CENTER LINE CEILING COMPUTER ROOM AIR CONDITIONER DIAMETER DISCONNECT DISTRIBUTION DOWN DRAWING ELECTRICAL CONTRACTOR	ALTERNATING CURRENT ABOVE FINISHED FLOOR AUTHORITY HAVING JURISDICTION APPROXIMATELY AUTOMATIC TRANSFER SWITCH AUXILIARY AUDIOVISUAL AVERAGE AMERICAN WIRE GAUGE BUILDING MANAGEMENT CONTROL SYSTEM BUILDING CONDUIT CONDUIT CABLE TELEVISION CIRCUIT BREAKER CLOSED CIRCUIT TELEVISION CIRCUIT CENTER LINE CEILING COMPUTER ROOM AIR CONDITIONER DIAMETER DISCONNECT DISTRIBUTION DOWN CKYA	AMP ALTERNATING CURRENT ABOVE FINISHED FLOOR AUTHORITY HAVING JURISDICTION APPROXIMATELY AUTOMATIC TRANSFER SWITCH AUXILIARY AUDIOVISUAL AVERAGE AMERICAN WIRE GAUGE BUILDING MANAGEMENT CONTROL SYSTEM BUILDING CONDUIT CABLE TELEVISION CIRCUIT BREAKER CLOSED CIRCUIT TELEVISION CIRCUIT CENTER LINE CEILING COMPUTER ROOM AIR CONDITIONER DIAMETER DISCONNECT DISTRIBUTION DOWN DRAWING ELECTRICAL EMD MAXIMUM DEMAND ELECTROMAGNETIC INTERFERENCE EMD MAXIMUM DEMAND EMD MAXIMUM DEMAND EMD MAXIMUM DEMAND EMD MAXIMUM DEMAND ELECTROMAGNETIC INTERFERENCE EMD MAXIMUM DEMAND EMD MAXIMUM DEMAND EMD MAXIMUM DEMAND ELECTROMAGNETIC INTERFERENCE EMD MAXIMUM DEMAND ELECTROMAGNETIC INTERFERENCE EPO EMERGENCY POWER OFF EQUIP EQUIPMENT EXIST EXIST 1824 LARM ANNUNCIATOR PANEL FA FIRE ALARM ANNUNCIATOR PANEL FA FIRE ALARM ANNUNCIATOR PANEL FA FIRE ALARM ELCTROMAGNETIC INTERFERENCE EPO EMERGENCY POWER OFF EQUIP EQUIPMENT EXIST EXIST EXIST EXUST EXUST EXUST EQUIP EQUIPMENT EXIST EXIST EXUST EXAMING ELECTROMAGNETIC INTERFERENCE EPO EMERGENCY POWER OFF EQUIP EQUIPMENT EXUST EXUST EXUST EXAMING ELECTROMAGNETIC INTERFERENCE EPO EMERGENCY POWER OFF EQUIP EQUIPMENT EXIST EXUST EXEST EXUST EXUST EXAMING ELECTROMAGNETIC INTERFERENCE EPO EMERGENCY FA FIRE ALARM ANNUNCIATOR FA FIRE ALARM ANNUNCIATOR FA FIRE ALARM ENDATE EXIST EXUST EQUIP EQUIPMENT EXUST EXUST EQUIP EQUIPMENT EXUST EXUST EQUIP EQUIPMENT EXUST EXUST EXUST EXUST EQUIP EQUIPE EQUIP EQUIPE EQUIPE EXUST EXUST EXUST EXUST EXUST EXUST EXAMING ELECTEON EXUST EXUST E	ALTERNATING CURRENT ABOVE FINISHED FLOOR AUTHORITY HAVING JURISDICTION APPROXIMATELY AUTOMATIC TRANSFER SWITCH EXIST EXISTING MGB AUXILIARY AUDIOVISUAL AVERAGE AVERAGE AVERAGE AVERAGE FACP FIRE ALARM ANNUNCIATOR PANEL MISC AVERAGE FACP FIRE ALARM CONTROL PANEL MISC AVERAGE FACP FIRE ALARM CONTROL PANEL MISC AMERICAN WIRE GAUGE BIJLIDING FL FLOOR FL FLOOR FL FLOOR FL FLOOR MTG FSAE FIRE SERVICE ACCESS ELEVATOR NAT CABLE TELEVISION GRALV GALVANIZED NC CIRCUIT BREAKER GC GENERAL CONTRACTOR NO CIRCUIT GEN GEN GENERATOR NO CIRCUIT GEN GENERATOR OFCI COMPUTER ROOM AIR CONDITIONER DIAMETER DISTRIBUTION DOWN BUILDING KM KM KIL THOUSAND CIRCULAR MILS PERP DRAWING KVA KILOVOLT AMPERE PNIL	AMP ALTERNATING CURRENT ABOVE FINISHED FLOOR AUTHORITY HAVING JURISDICTION APPROXIMATELY AUTOMATIC TRANSFER SWITCH AUXILIARY AUDIOVISUAL AVERAGE FIAC BUILDING MANAGEMENT CONTROL SYSTEM BUILDING BUILDING BUILDING CONDUIT CABLE TELEVISION CABLE TELEVISION CIRCUIT BREAKER GEC GEC GENERATOR CONDUIT CENTER LINE CEILING GEC GENERATOR COMPUTER ROOM AIR CONDITIONER DISCONNECT DISTRIBUTION DOWN BELECTRICAL EMD MAXIMUM DEMAND MATV MASTER ANTENNA TELEVISION MAX MAXIMUM MAX MECH MECH MECH MECH MECH MECH MECH MECH	AMP ALTERNATING CURRENT ABOVE FINISHED FLOOR AUTHORITY HAVING JURISDICTION APPROXIMATELY AUTOMATIC TRANSFER SWITCH AUXILIARY AUTOMATIC TRANSFER SWITCH AUXILIARY AUDIOVISUAL AMERICAN WIRE GAUGE BUILDING SYSTEM BUILDING CONDUIT COND

TABLE TOP CONTROL PANEL ("#" INDICATES TYPE IN SPECS)

© COPYRIGHT 2022 Permission to reproduce all or part of this drawing is hereby granted solely for the limited purpose of construction of this project or archiving. Unauthorized copying, disclosure or construction use without written permission of Alvine

Engineering is prohibited by copyright law. DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS and clearances from ARCHITECTURAL, STRUCTURAL, shop and other appropriate drawing or at site. Lay out and coordinate all work prior to installation to provide clearances required for operation, maintenance, and codes and verify non-interference with other work. DO NOT FABRICATE PRIOR TO VERIFICATION OF CLEARANCE FOR ALL

TRADES. READ SPECIFICATIONS.

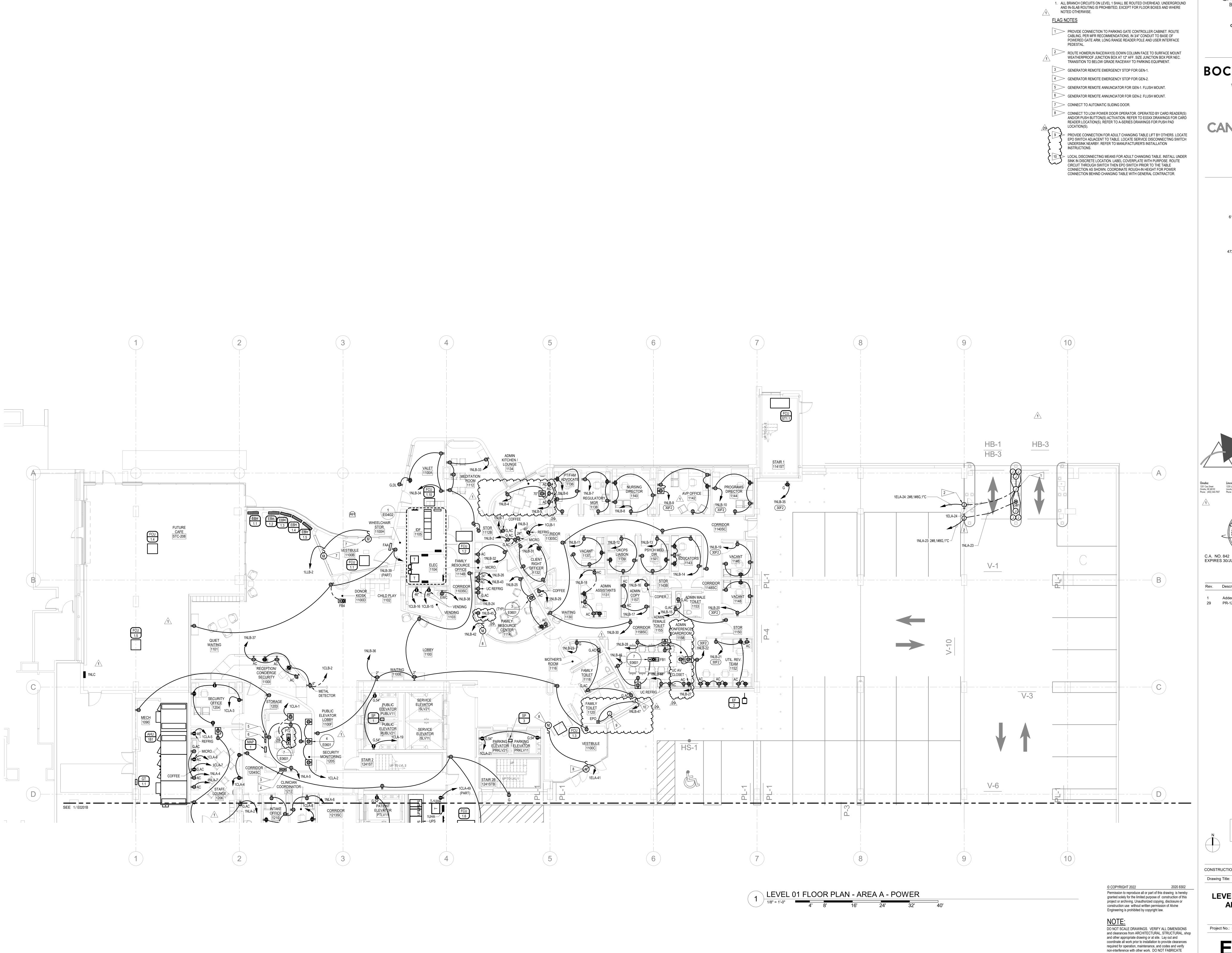
CONSTRUCTION DOCUMENT BID SET 31 JULY 2023 Drawing Title:

> **ELECTRICAL SYMBOLS** AND ABBREVIATIONS

Project No.: 006676.00

© 2019 The Cannon Corporation

Checked by: Checker



Oklahoma Children's Hospital. Behavioral Health Center

**GENERAL NOTES** 

Oklahoma Children's Hospital OU Health Behavioral Health Center

960 NE 13th Street

Oklahoma City, OK 73104

### **BOCKUS PAYNE**

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116 www.bockus-payne.com

# 50 Fountain Plaza Suite 200

Buffalo, NY 14202 P: 716.773.6800 F: 716.773.5909

www.cannondesign.com Alvine Engineering MEP Engineer 1001 W. Wilshire, Suite 102 Oklahoma City, OK 73116

405.936.3480 Kimley-Horn Structural Engineer 6160 Warren Parkway, Suite 210 Frisco, TX 75034 972.335.3580

OK FIRM #CA 2740 PE 2023 ©

Kimley-Horn Civil Engineer 4727 Gaillardia Parkway, Suite 250 Oklahoma City, OK 73142 405.241.5423 OK FIRM #CA 2740 PE 2023 ©

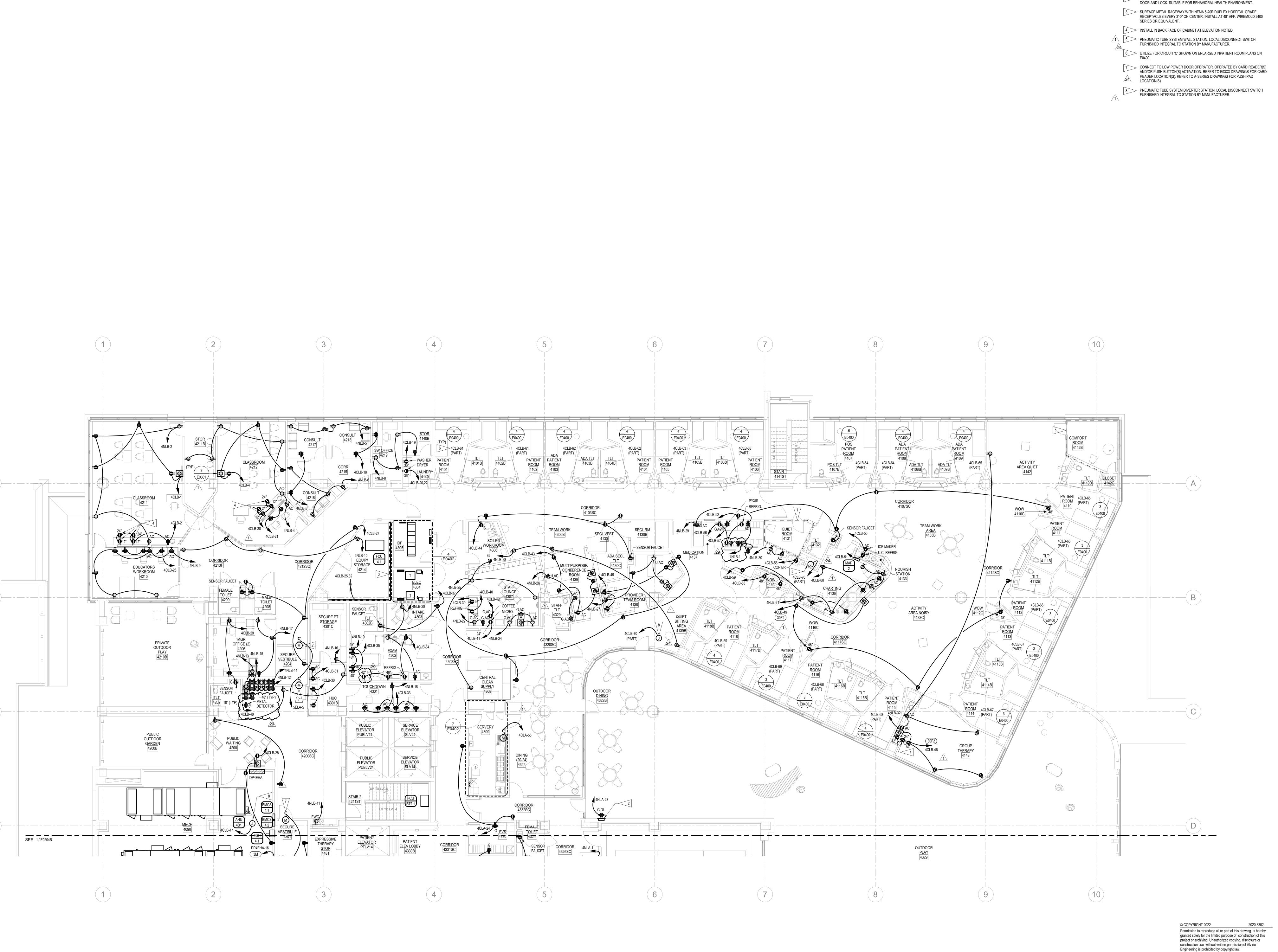


**KEY PLAN** CONSTRUCTION DOCUMENT BID SET 31 JULY 2023

**LEVEL 01 FLOOR PLAN -**AREA A - POWER

Project No.: 006676.00 Checked by: Checker

PRIOR TO VERIFICATION OF CLEARANCE FOR ALL TRADES. READ SPECIFICATIONS.



Oklahoma Children's Hospital. Behavioral Health Center

FLAG NOTES

CIRCUITING IN ROOM.

1 REFER TO E01XX SERIES DRAWINGS FOR TV RECEPTACLE LOCATION AND

2 INSTALL RECEPTACLE IN FLUSH MOUNT STEEL ENCLOSURE WITH PIANO HINGE

Oklahoma Children's Hospital OU Health Behavioral Health Center 960 NE 13th Street Oklahoma City, OK 73104

#### **BOCKUS PAYNE**

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116 www.bockus-payne.com

#### 50 Fountain Plaza Suite 200 Buffalo, NY 14202

P: 716.773.6800 F: 716.773.5909 www.cannondesign.com

Alvine Engineering MEP Engineer 1001 W. Wilshire, Suite 102 Oklahoma City, OK 73116 405.936.3480

Structural Engineer 6160 Warren Parkway, Suite 210 Frisco, TX 75034 972.335.3580 OK FIRM #CA 2740 PE 2023 ©

Kimley-Horn

Kimley-Horn Civil Engineer 4727 Gaillardia Parkway, Suite 250 Oklahoma City, OK 73142 405.241.5423 OK FIRM #CA 2740 PE

2023 ©



CONSTRUCTION DOCUMENT BID SET 31 JULY 2023

**LEVEL 04 FLOOR PLAN -**

Drawing Title:

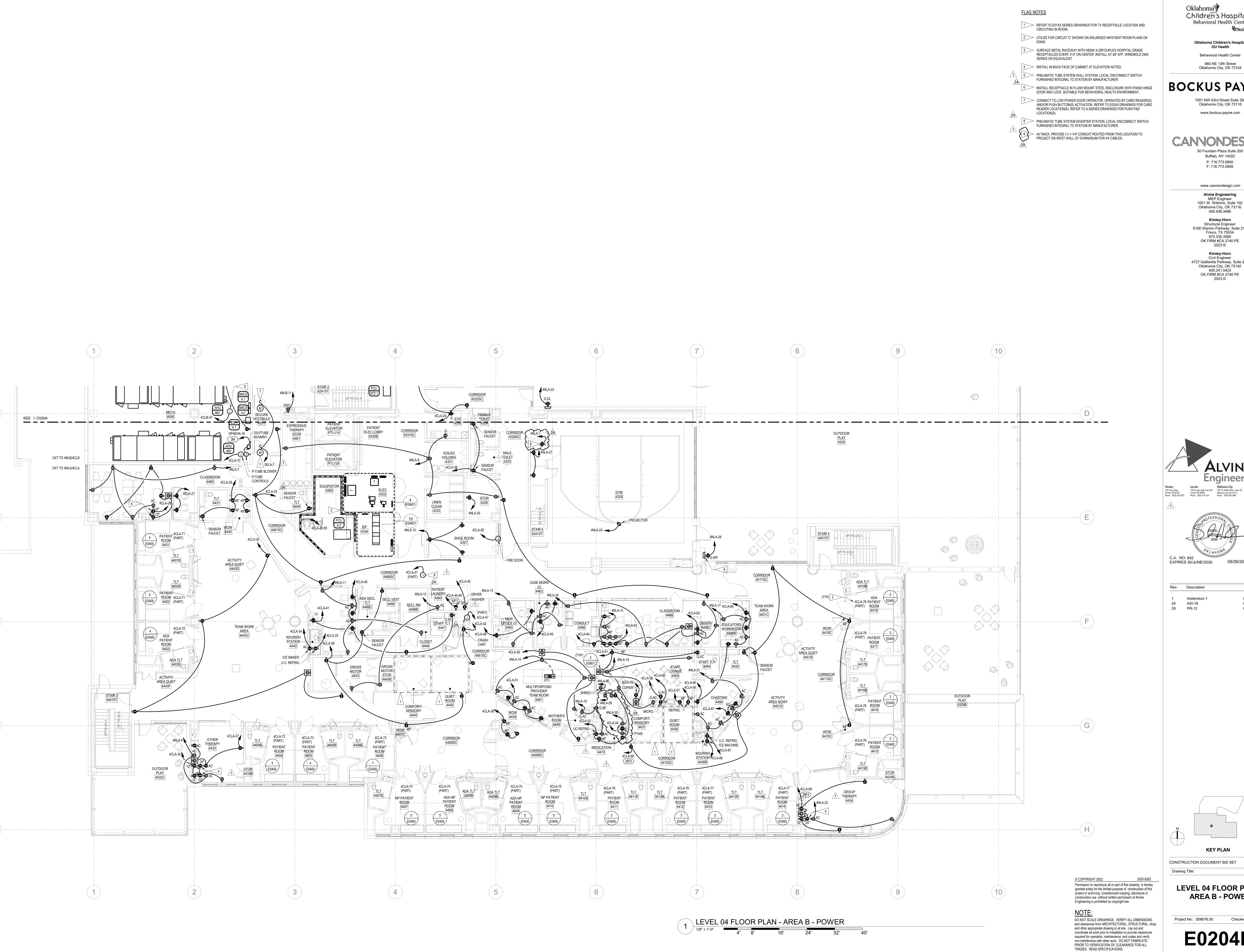
DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS and clearances from ARCHITECTURAL, STRUCTURAL, shop and other appropriate drawing or at site. Lay out and coordinate all work prior to installation to provide clearances

required for operation, maintenance, and codes and verify non-interference with other work. DO NOT FABRICATE

PRIOR TO VERIFICATION OF CLEARANCE FOR ALL TRADES. READ SPECIFICATIONS.

**AREA A - POWER** 

Project No.: 006676.00 Checked by: Checker



Oklahoma Children's Hospital.

Behavioral Health Center Oklahoma Children's Hospital OU Health

Oklahoma City, OK 73104 **BOCKUS PAYNE** 

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116

50 Fountain Plaza Suite 200 Buffalo, NY 14202 P: 716.773.6800

> www.cannondesign.com Alvine Engineering

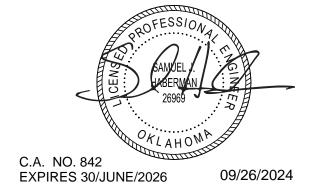
F: 716.773.5909

MEP Engineer 1001 W. Wilshire, Suite 102 Oklahoma City, OK 73116 405.936.3480

Kimley-Horn Structural Engineer 6160 Warren Parkway, Suite 210 Frisco, TX 75034 972.335.3580 OK FIRM #CA 2740 PE 2023 ©

Kimley-Horn Civil Engineer 4727 Gaillardia Parkway, Suite 250 Oklahoma City, OK 73142 405.241.5423 OK FIRM #CA 2740 PE

2023 ©



08/18/2023 ASI-18

07/16/2024

**KEY PLAN** 

CONSTRUCTION DOCUMENT BID SET 31 JULY 2023

**LEVEL 04 FLOOR PLAN -AREA B - POWER** 

Checked by: Checker

#### **GENERAL NOTES**

- 1. ALL 5-20R RECEPTACLES SHALL BE HOSPITAL GRADE.
- 2. RECEPTACLES IN MEDIUM AND HIGH RISK AREAS (REFER TO ARCHITECTURAL RISK DRAWINGS) SHALL BE TAMPER RESISTANT AND PROTECTED BY A COMBINATION
- 3. COVER PLATES IN MEDIUM AND HIGH RISK AREAS SHALL BE SECURITY TYPE (KENALL MIGHTY MAC WSP SERIES OR EQUIVALENT). 4. RECEPTACLES IN LOW RISK AREAS (REFER TO ARCHITECTURAL RISK DRAWINGS)

ARC FAULT AND GFCI BRANCH CIRCUIT BREAKER.

SHALL BE TAMPER RESISTANT. GFCI PROTECTION SHALL BE PROVIDED AS REQUIRED BY NEC EITHER LOCALLY OR AT THE BRANCH CIRCUIT BREAKER. 5. COVER PLATES IN LOW RISK AREAS SHALL BE NON-SECURITY TYPE.

#### FLAG NOTES

LOCATION(S).

- 1 REFER TO E01XX SERIES DRAWINGS FOR TV RECEPTACLE LOCATION AND CIRCUITING IN ROOM.
- 2 UTILIZE FOR CIRCUIT 'C' SHOWN ON ENLARGED INPATIENT ROOM PLANS ON
- 3 SURFACE METAL RACEWAY WITH NEMA 5-20R DUPLEX HOSPITAL GRADE RECEPTACLES EVERY 3'-0" ON CENTER. INSTALL AT 48" AFF. WIREMOLD 2400 SERIES OR EQUIVALENT.
- 4 INSTALL IN BACK FACE OF CABINET AT ELEVATION NOTED. 5 PNEUMATIC TUBE SYSTEM WALL STATION. LOCAL DISCONNECT SWITCH
- FURNISHED INTEGRAL TO STATION BY MANUFACTURER. 6 CONNECT TO LOW POWER DOOR OPERATOR. OPERATED BY CARD READER(S) AND/OR PUSH BUTTON(S) ACTIVATION. REFER TO E03XX DRAWINGS FOR CARD READER LOCATION(S). RÉFER TO A-SERIES DRAWINGS FOR PUSH PAD

### Oklahoma

Children's Hospital. Behavioral Health Center

Oklahoma Children's Hospital

OU Health

Behavioral Health Center

960 NE 13th Street

Oklahoma City, OK 73104

#### **BOCKUS PAYNE**

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116 www.bockus-payne.com

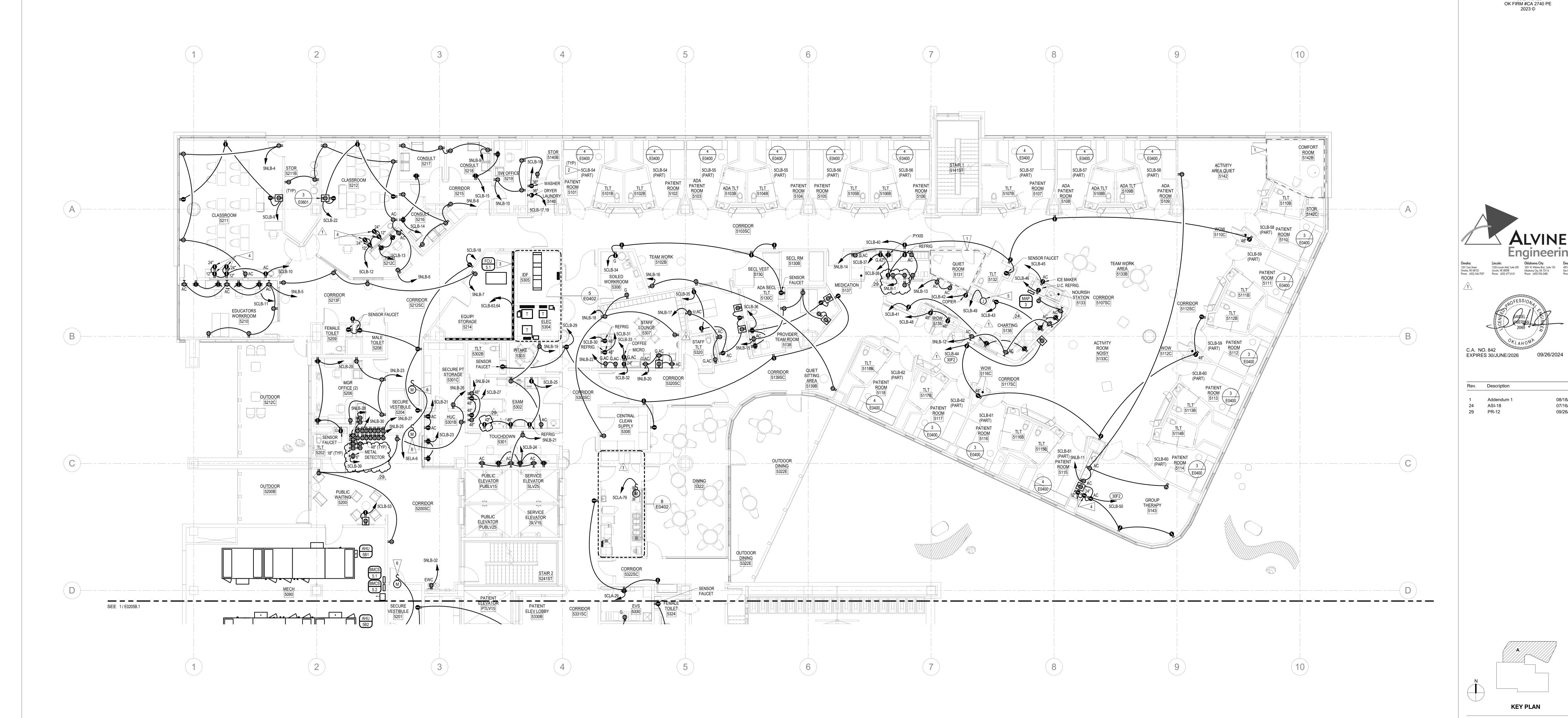
50 Fountain Plaza Suite 200 Buffalo, NY 14202 P: 716.773.6800 F: 716.773.5909

www.cannondesign.com Alvine Engineering
MEP Engineer

1001 W. Wilshire, Suite 102 Oklahoma City, OK 73116 405.936.3480 Kimley-Horn

Structural Engineer 6160 Warren Parkway, Suite 210 Frisco, TX 75034 972.335.3580 OK FIRM #CA 2740 PE 2023 ©

Kimley-Horn Civil Engineer 4727 Gaillardia Parkway, Suite 250 Oklahoma City, OK 73142 405.241.5423 OK FIRM #CA 2740 PE 2023 ©



© COPYRIGHT 2022 Permission to reproduce all or part of this drawing is hereby granted solely for the limited purpose of construction of this project or archiving. Unauthorized copying, disclosure or construction use without written permission of Alvine Engineering is prohibited by copyright law.

DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS and clearances from ARCHITECTURAL, STRUCTURAL, shop

**LEVEL 05 FLOOR PLAN -AREA A - POWER** 

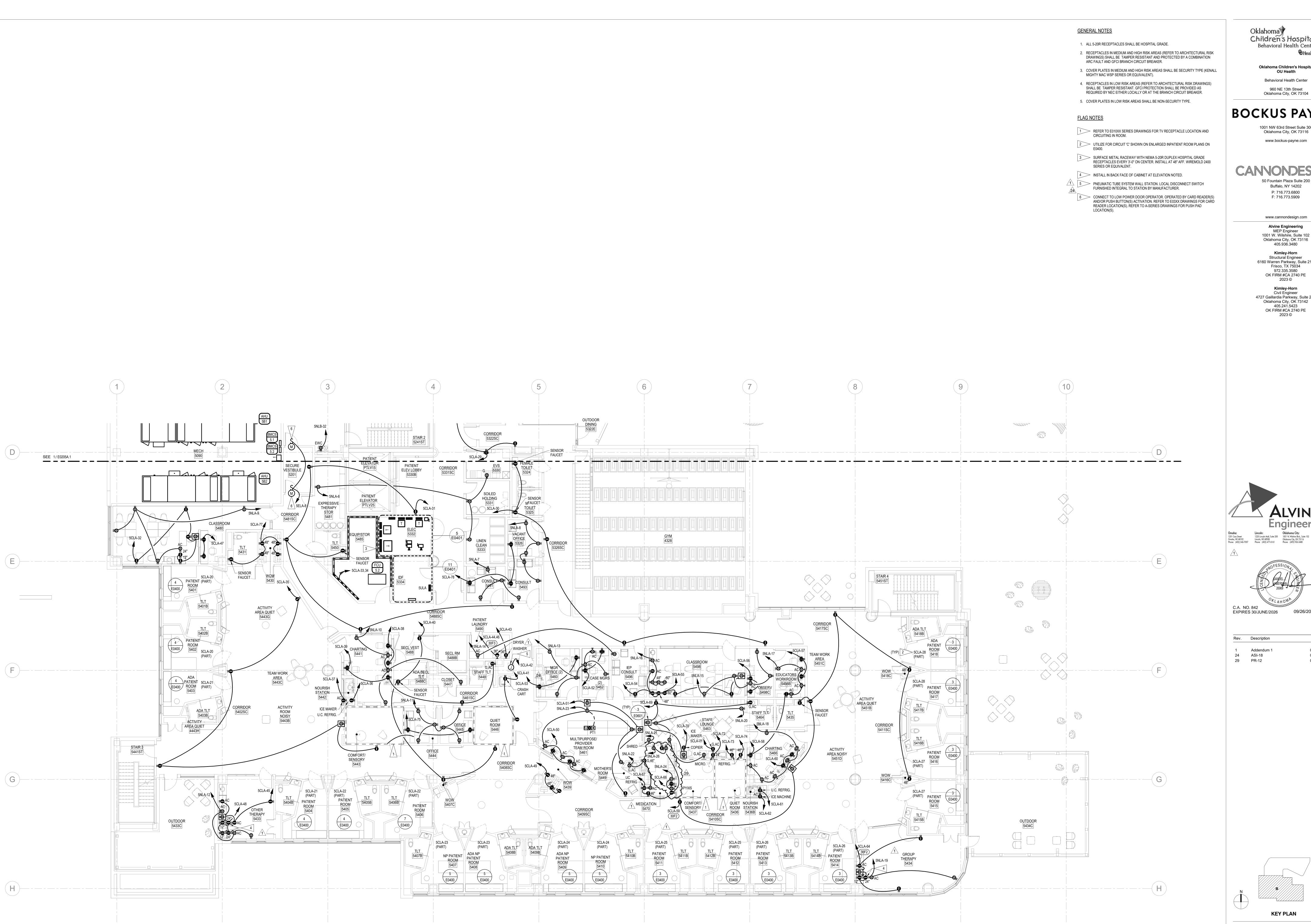
**KEY PLAN** 

CONSTRUCTION DOCUMENT BID SET 31 JULY 2023

Project No.: 006676.00 Checked by: Checker

Drawing Title:

and other appropriate drawing or at site. Lay out and coordinate all work prior to installation to provide clearances required for operation, maintenance, and codes and verify non-interference with other work. DO NOT FABRICATE PRIOR TO VERIFICATION OF CLEARANCE FOR ALL TRADES. READ SPECIFICATIONS.



Children's Hospital. Behavioral Health Center

> Oklahoma Children's Hospital OU Health Behavioral Health Center 960 NE 13th Street

#### **BOCKUS PAYNE**

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116 www.bockus-payne.com

50 Fountain Plaza Suite 200 Buffalo, NY 14202 P: 716.773.6800

F: 716.773.5909

www.cannondesign.com Alvine Engineering MEP Engineer 1001 W. Wilshire, Suite 102

Oklahoma City, OK 73116 405.936.3480 Kimley-Horn

Structural Engineer 6160 Warren Parkway, Suite 210 Frisco, TX 75034 972.335.3580 OK FIRM #CA 2740 PE 2023 ©

Kimley-Horn Civil Engineer 4727 Gaillardia Parkway, Suite 250 Oklahoma City, OK 73142 405.241.5423 OK FIRM #CA 2740 PE

2023 ©

Lincoln:
1220 Lincoln Mall, Suite 200
Lincoln, NE 68508
Phone: (402) 477-6161

Oklahoma City:
1001 W, Wilshire Blvd., Suite 102
Oklahoma City, OK 73116
Phone: (405) 936-3480

Des Moines:
400 East Court Avenue, Suite 130
Des Moines, IA 50309
Phone: (515) 243-0569



08/18/2023

07/16/2024

ASI-18

**KEY PLAN** CONSTRUCTION DOCUMENT BID SET 31 JULY 2023

Drawing Title:

© COPYRIGHT 2022

Permission to reproduce all or part of this drawing is hereby

granted solely for the limited purpose of construction of this project or archiving. Unauthorized copying, disclosure or

DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS

and other appropriate drawing or at site. Lay out and coordinate all work prior to installation to provide clearances required for operation, maintenance, and codes and verify non-interference with other work. DO NOT FABRICATE

PRIOR TO VERIFICATION OF CLEARANCE FOR ALL TRADES. READ SPECIFICATIONS.

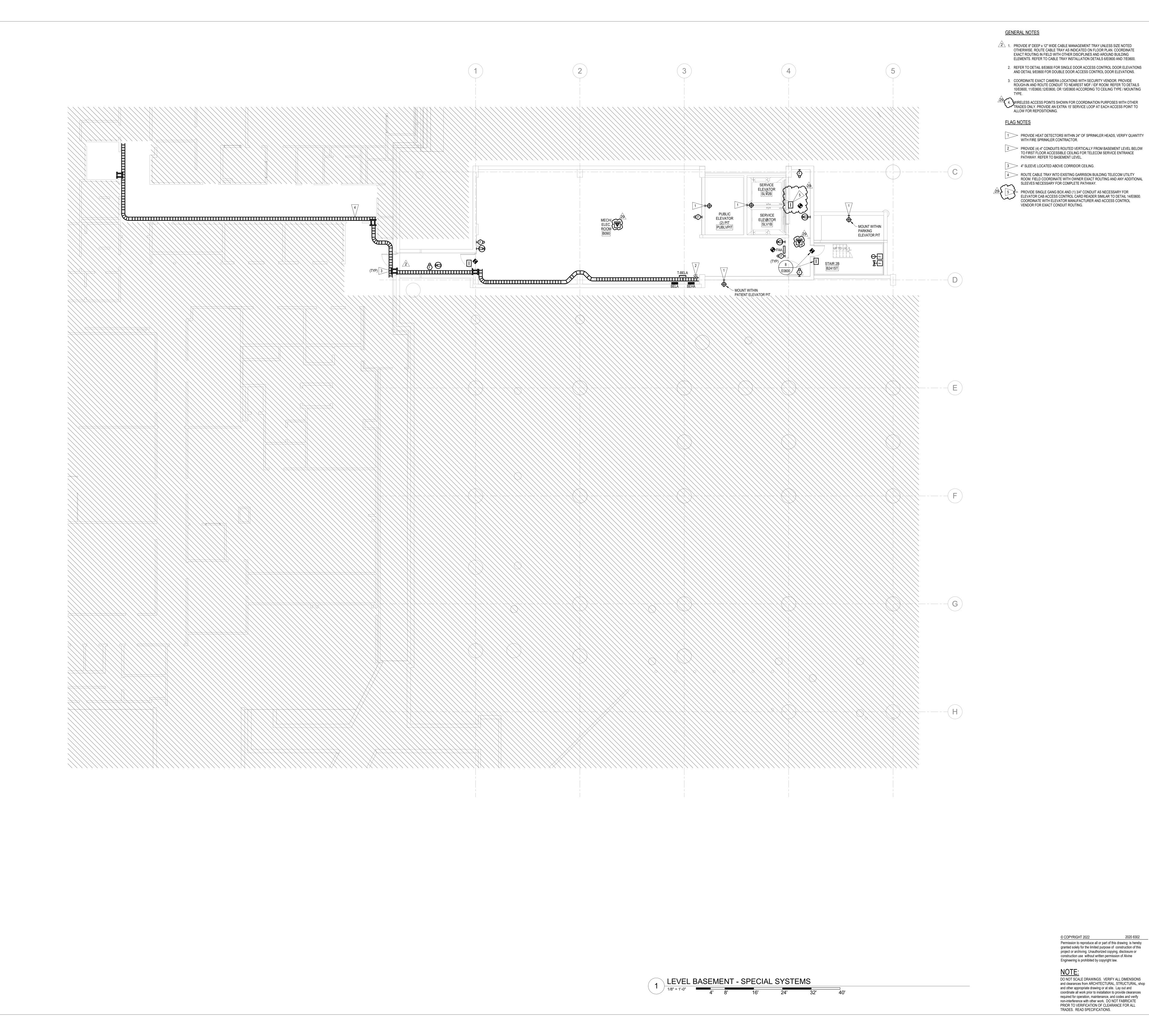
and clearances from ARCHITECTURAL, STRUCTURAL, shop

construction use without written permission of Alvine

Engineering is prohibited by copyright law.

**LEVEL 05 FLOOR PLAN -AREA B - POWER** 

Project No.: 006676.00 Checked by: Checker



Children's Hospital.
Behavioral Health Center

Oklahoma Children's Hospital

Oklahoma Children's Hospita OU Health Behavioral Health Center

960 NE 13th Street Oklahoma City, OK 73104

**BOCKUS PAYNE** 

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116 www.bockus-payne.com

ANONDESICN
50 Fountain Plaza Suite 200
Buffalo, NY 14202

P: 716.773.6800 F: 716.773.5909 www.cannondesign.com

Alvine Engineering
MEP Engineer
1001 W. Wilshire, Suite 102
Oklahoma City, OK 73116
405.936.3480

Kimley-Horn Structural Engineer 6160 Warren Parkway, Suite 210 Frisco, TX 75034 972.335.3580

972.335.3580
OK FIRM #CA 2740 PE
2023 ©

Kimley-Horn

Civil Engineer
4727 Gaillardia Parkway, Suite 250
Oklahoma City, OK 73142
405.241.5423
OK FIRM #CA 2740 PE
2023 ©

ALVINE
Engineering

Lincoln:
1220 Lincoln Mall, Suite 200
Ulicoln NF 69508

Oklahoma City:
1001 W, Wilshire Blvd., Suite 102
Oklahoma City:
1002 W, Wilshire Blvd., Suite 102
Oklahoma City:
1003 W, Wilshire Blvd., Suite 102
Oklahoma City:
1004 W, Wilshire Blvd., Suite 102
Oklahoma City:
1005 W, Wilshire Blvd., Suite 102
Oklahoma City:
1005 W, Wilshire Blvd., Suite 102
Oklahoma City:
1005 W, Wilshire Blvd., Suite 102
Oklahoma City:
1006 W, Wilshire Blvd., Suite 102
Oklahoma City:
1007 W, Wilshire Blvd., Suite 102
Oklahoma C

ANVIEL AND ANVIEL ANVIEL AND ANVIEL ANVIEL AND ANVIEL ANVIEL AND ANVIEL AND ANVIEL AND ANVIEL AND ANVIEL AND ANVIEL ANVIEL AND ANVIEL AND ANVIEL AND ANVIEL ANVIEL ANVIEL AND ANVIEL AND ANVIEL ANVIEL

Description

Addendum 1 08
Addendum 3 08
PR-12 09

KEY PLAN

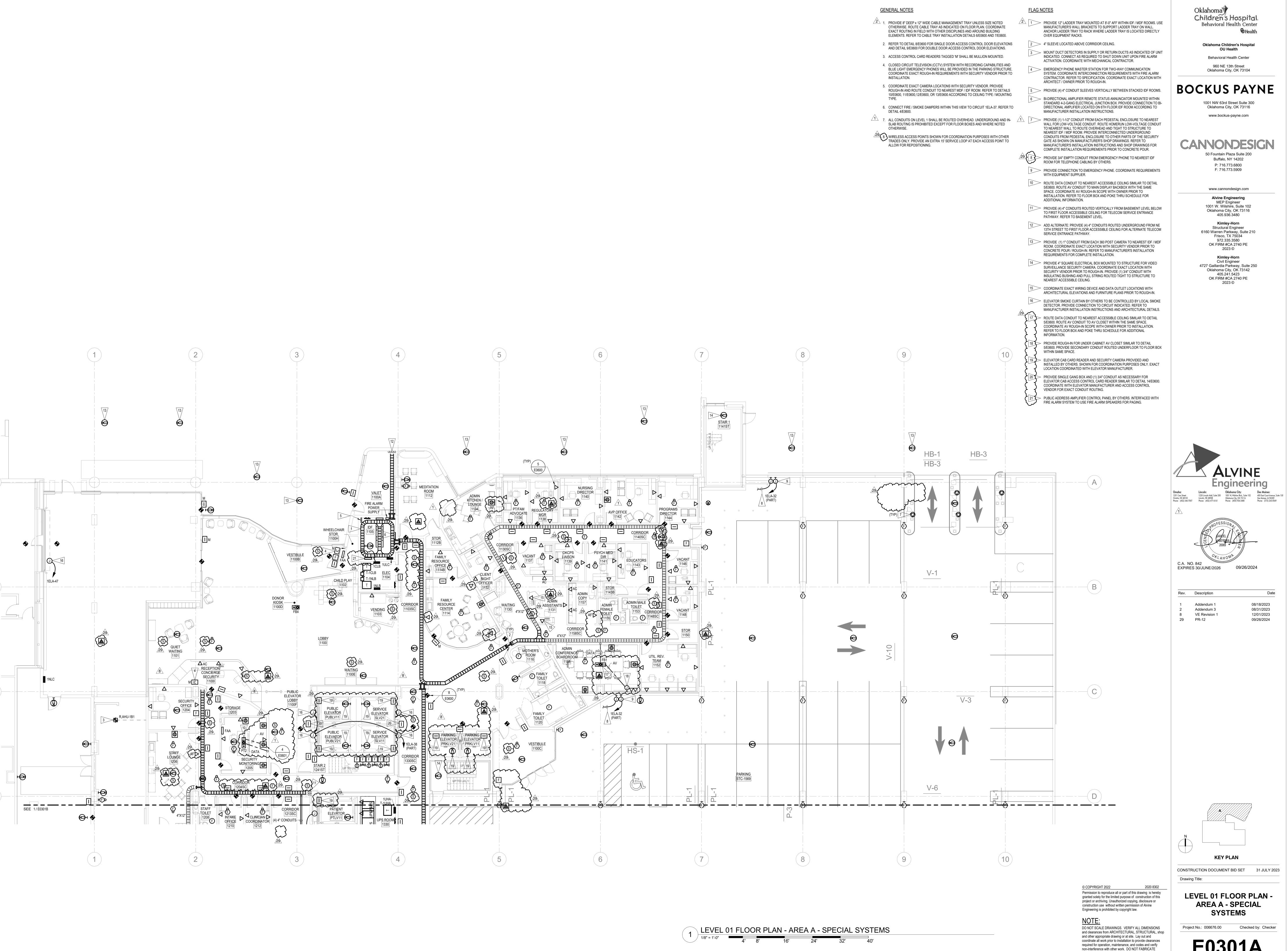
CONSTRUCTION DOCUMENT BID SET 31 JULY 2023

Drawing Title:

LEVEL BASEMENT -SPECIAL SYSTEMS

Project No.: 006676.00 Checked by: Checker

**E0300** 



Oklahoma Children's Hospital. Behavioral Health Center

> Oklahoma Children's Hospital OU Health Behavioral Health Center 960 NE 13th Street

#### **BOCKUS PAYNE**

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116 www.bockus-payne.com

## 50 Fountain Plaza Suite 200

Buffalo, NY 14202 P: 716.773.6800 F: 716.773.5909

Alvine Engineering MEP Engineer 1001 W. Wilshire, Suite 102 Oklahoma City, OK 73116 405.936.3480

Kimley-Horn Structural Engineer 6160 Warren Parkway, Suite 210 Frisco, TX 75034 972.335.3580

OK FIRM #CA 2740 PE 2023 ©

Kimley-Horn Civil Engineer 4727 Gaillardia Parkway, Suite 250 Oklahoma City, OK 73142 405.241.5423 OK FIRM #CA 2740 PE 2023 ©



EXPIRES 30/JUNE/2026 09/26/2024 08/18/2023

08/31/2023

12/01/2023

09/26/2024

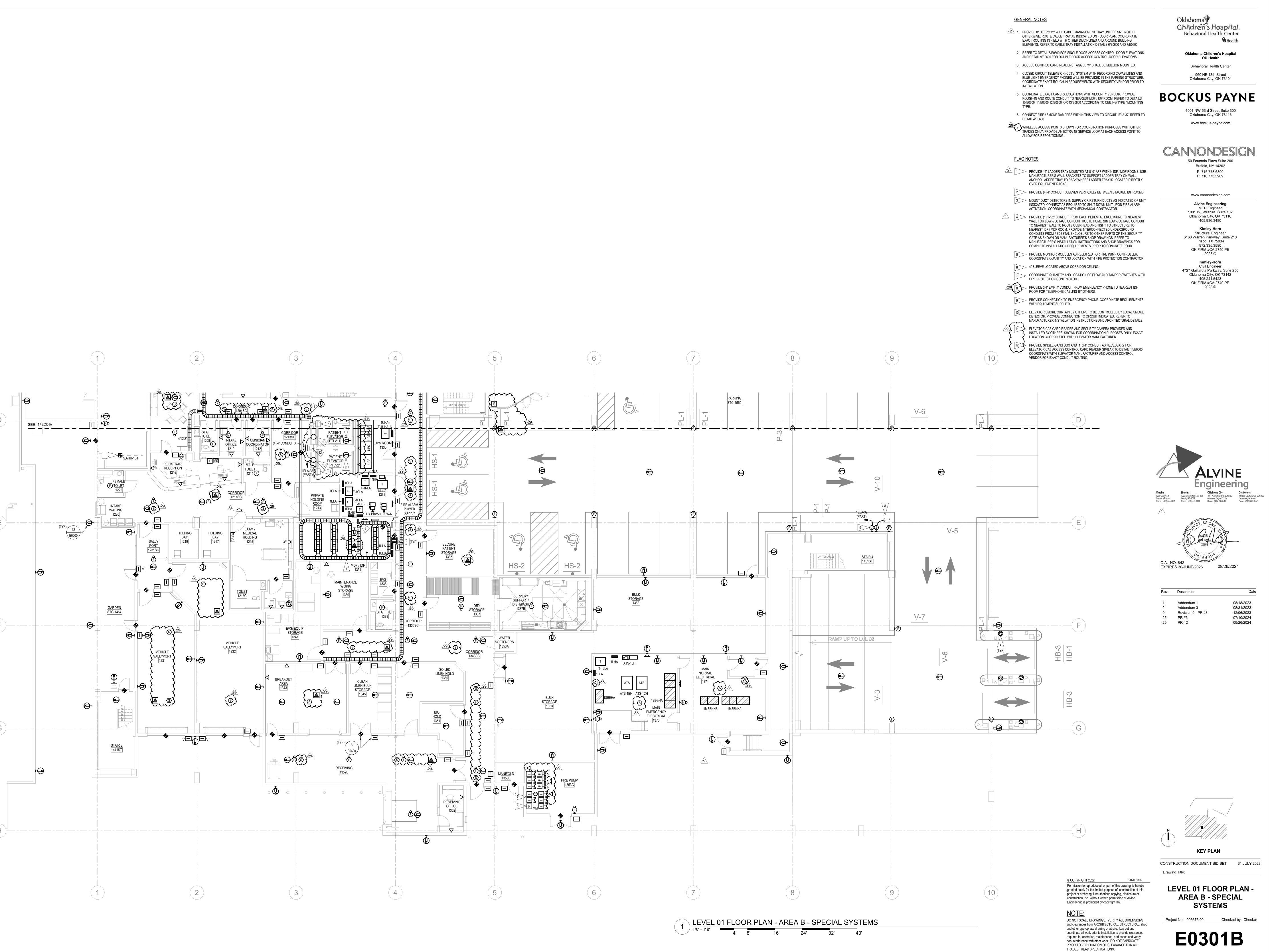
Addendum 1 Addendum 3 VE Revision 1

CONSTRUCTION DOCUMENT BID SET 31 JULY 2023

**LEVEL 01 FLOOR PLAN -AREA A - SPECIAL** 

**SYSTEMS** Project No.: 006676.00 Checked by: Checker

PRIOR TO VERIFICATION OF CLEARANCE FOR ALL TRADES. READ SPECIFICATIONS.



Children's Hospital. Behavioral Health Center

> Oklahoma Children's Hospital OU Health Behavioral Health Center 960 NE 13th Street

Oklahoma City, OK 73104

#### **BOCKUS PAYNE**

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116 www.bockus-payne.com

## 50 Fountain Plaza Suite 200

Buffalo, NY 14202 P: 716.773.6800 F: 716.773.5909

www.cannondesign.com Alvine Engineering MEP Engineer 1001 W. Wilshire, Suite 102

Oklahoma City, OK 73116 405.936.3480 Kimley-Horn Structural Engineer

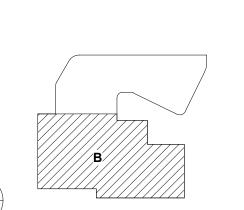
6160 Warren Parkway, Suite 210 Frisco, TX 75034 972.335.3580 OK FIRM #CA 2740 PE 2023 ©

Kimley-Horn Civil Engineer 4727 Gaillardia Parkway, Suite 250 Oklahoma City, OK 73142 405.241.5423 OK FIRM #CA 2740 PE 2023 ©



08/18/2023

08/31/2023 Revision 9 - PR #3 12/06/2023 07/10/2024 09/26/2024

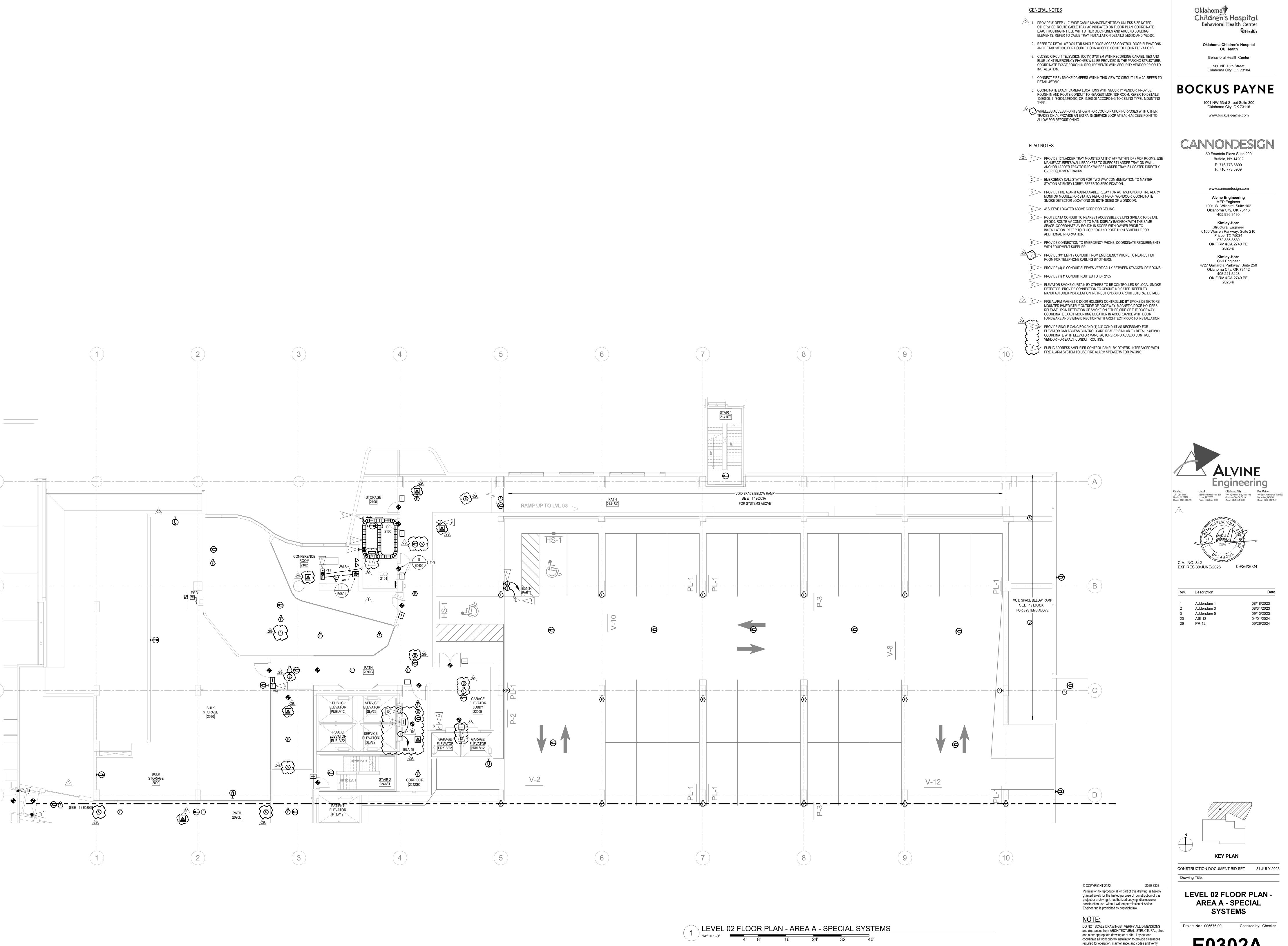


CONSTRUCTION DOCUMENT BID SET 31 JULY 2023

**LEVEL 01 FLOOR PLAN -**

**AREA B - SPECIAL SYSTEMS** 

Project No.: 006676.00 Checked by: Checker



Oklahoma Children's Hospital.

Behavioral Health Center

Oklahoma Children's Hospital OU Health Behavioral Health Center 960 NE 13th Street Oklahoma City, OK 73104

#### **BOCKUS PAYNE**

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116 www.bockus-payne.com

50 Fountain Plaza Suite 200 Buffalo, NY 14202 P: 716.773.6800 F: 716.773.5909

www.cannondesign.com Alvine Engineering MEP Engineer 1001 W. Wilshire, Suite 102

Oklahoma City, OK 73116 405.936.3480 Kimley-Horn Structural Engineer

6160 Warren Parkway, Suite 210 Frisco, TX 75034 972.335.3580

OK FIRM #CA 2740 PE 2023 © Kimley-Horn Civil Engineer

4727 Gaillardia Parkway, Suite 250 Oklahoma City, OK 73142 405.241.5423 OK FIRM #CA 2740 PE 2023 ©



EXPIRES 30/JUNE/2026 09/26/2024 Rev. Description 08/18/2023 08/31/2023

09/13/2023

04/01/2024

09/26/2024

Addendum 3 Addendum 5 ASI 13 PR-12

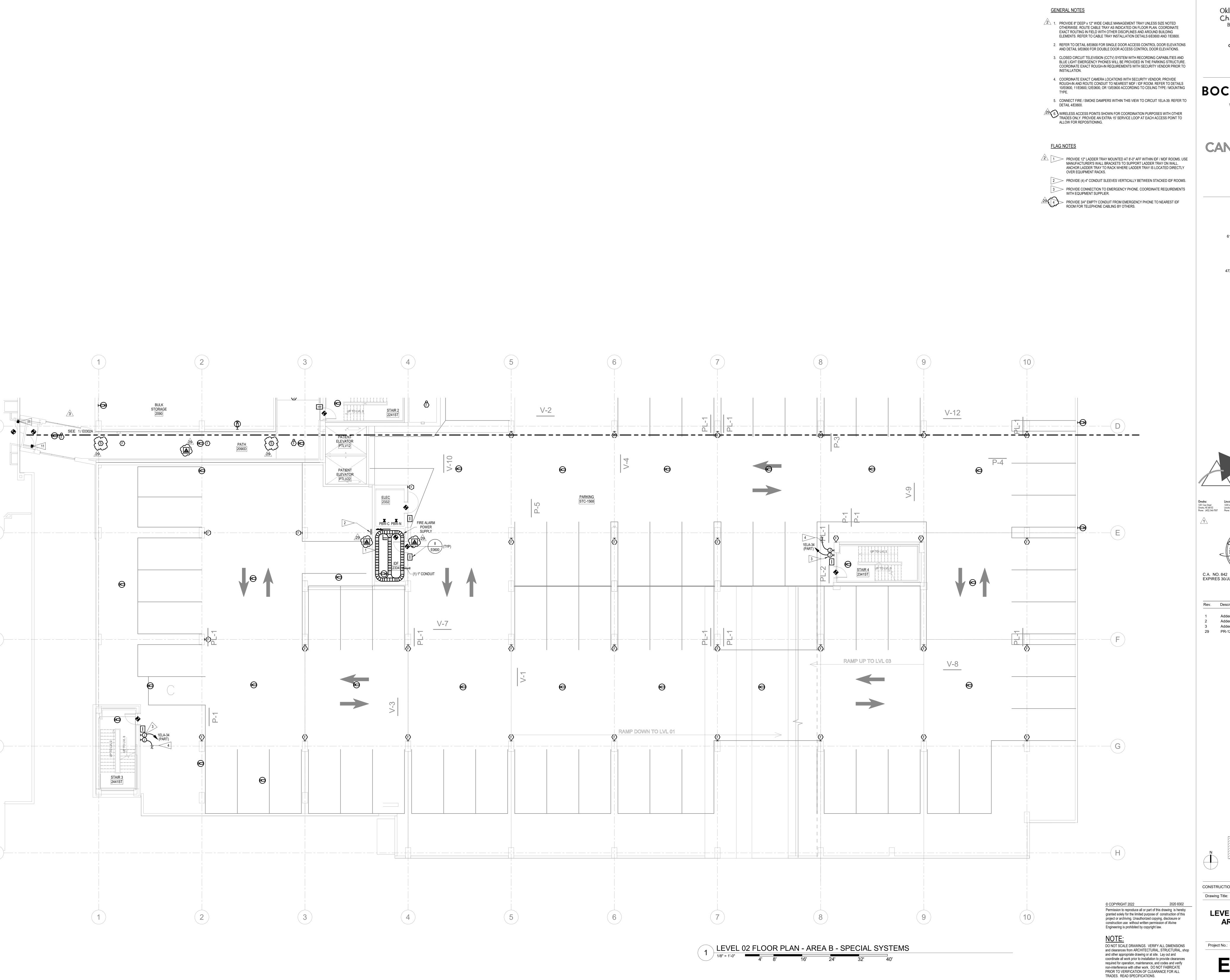
**KEY PLAN** 

CONSTRUCTION DOCUMENT BID SET 31 JULY 2023 Drawing Title:

> **LEVEL 02 FLOOR PLAN -AREA A - SPECIAL SYSTEMS**

Project No.: 006676.00 Checked by: Checker

non-interference with other work. DO NOT FABRICATE PRIOR TO VERIFICATION OF CLEARANCE FOR ALL TRADES. READ SPECIFICATIONS.



Children's Hospital. Behavioral Health Center

> Oklahoma Children's Hospital OU Health Behavioral Health Center 960 NE 13th Street

Oklahoma City, OK 73104

### **BOCKUS PAYNE**

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116 www.bockus-payne.com

50 Fountain Plaza Suite 200 Buffalo, NY 14202 P: 716.773.6800 F: 716.773.5909

www.cannondesign.com

Alvine Engineering MEP Engineer 1001 W. Wilshire, Suite 102 Oklahoma City, OK 73116 405.936.3480

Kimley-Horn Structural Engineer 6160 Warren Parkway, Suite 210 Frisco, TX 75034 972.335.3580 OK FIRM #CA 2740 PE

2023 © Kimley-Horn Civil Engineer 4727 Gaillardia Parkway, Suite 250 Oklahoma City, OK 73142 405.241.5423 OK FIRM #CA 2740 PE

2023 ©



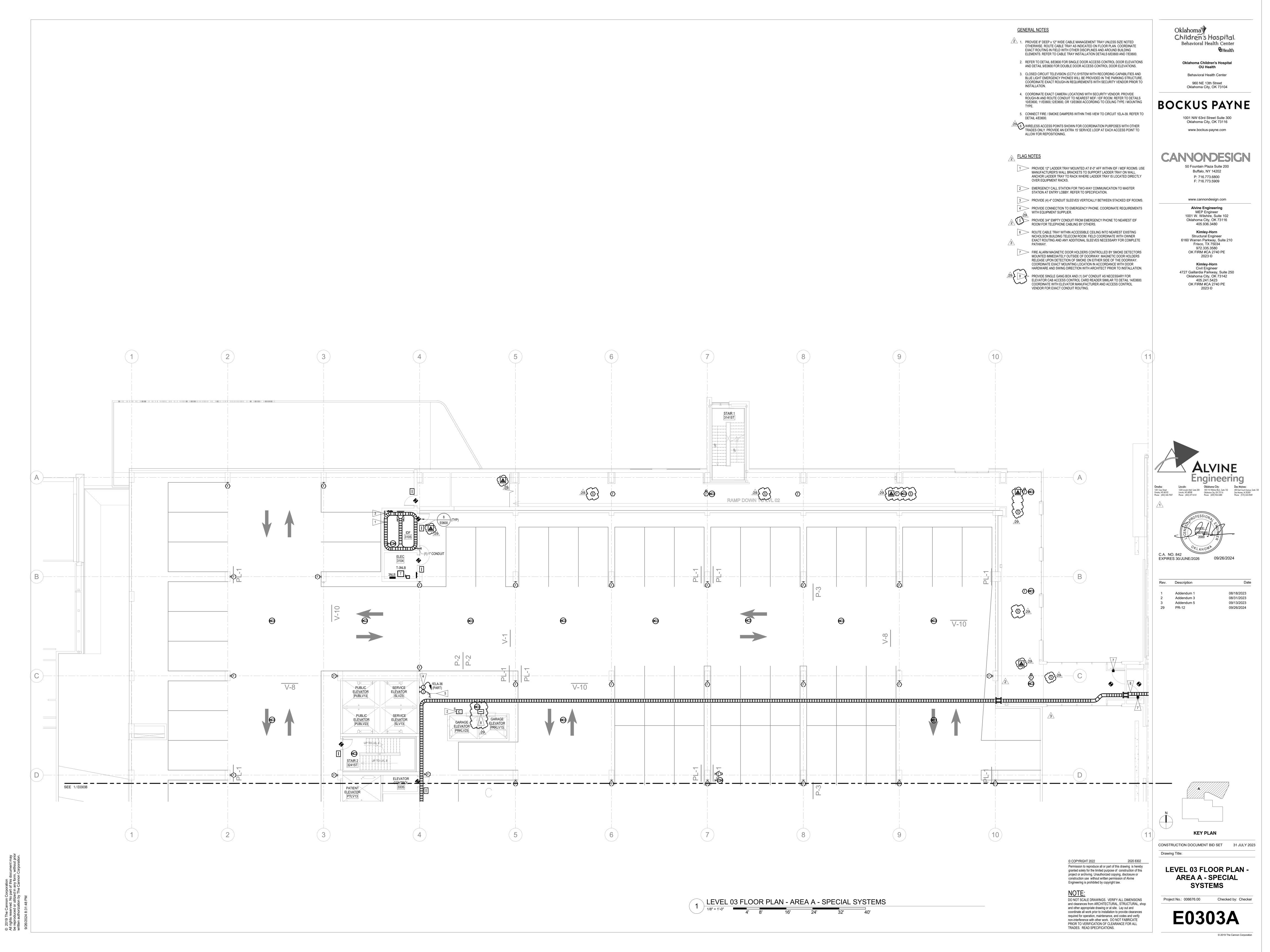
C.A. NO. 842 EXPIRES 30/JUNE/2026 09/26/2024

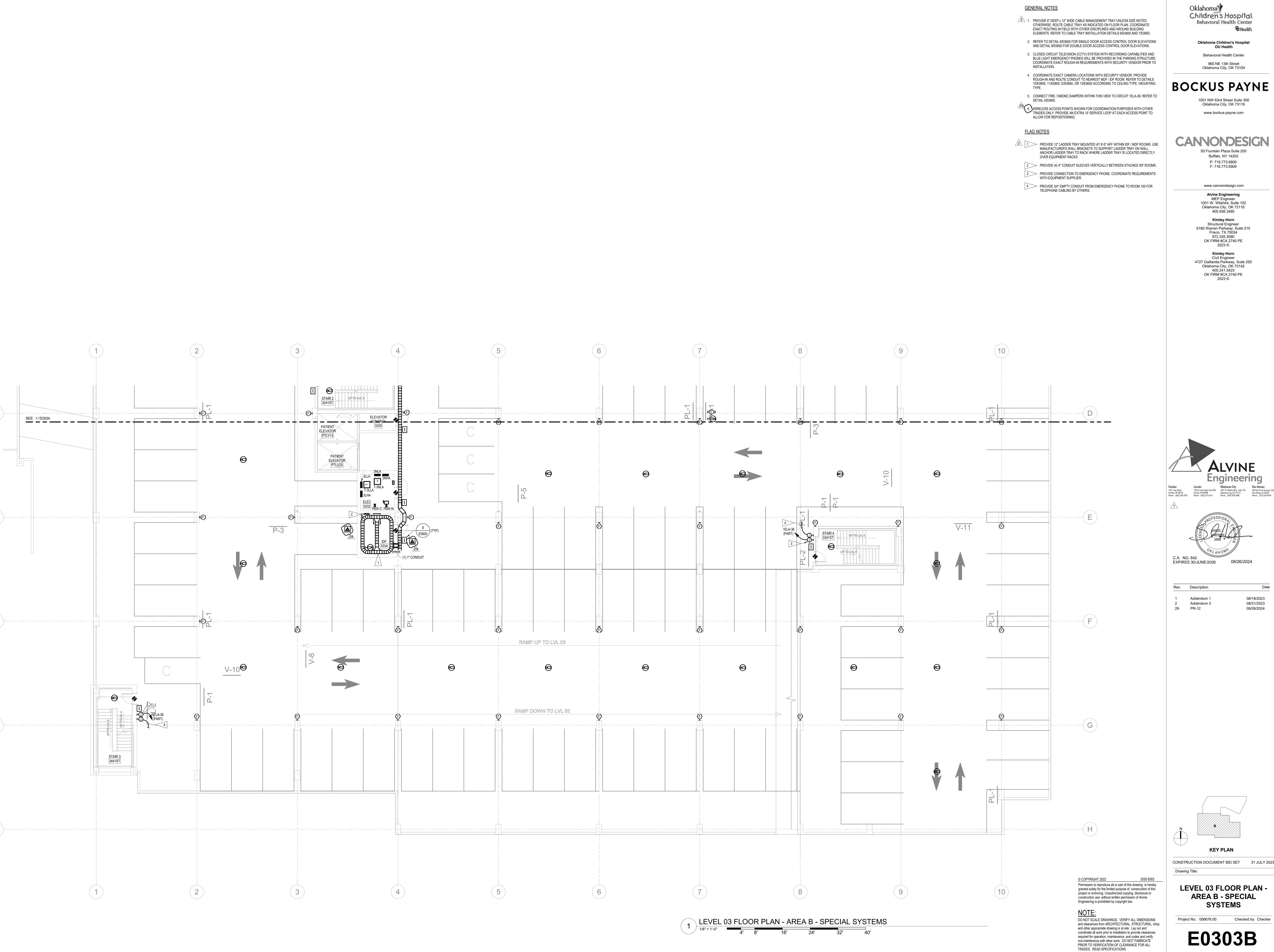
Addendum 3
3 Addendum 5
29 PR-12

**KEY PLAN** CONSTRUCTION DOCUMENT BID SET 31 JULY 2023

**LEVEL 02 FLOOR PLAN -AREA B - SPECIAL** 

**SYSTEMS** Project No.: 006676.00 Checked by: Checker





Children's Hospital. Behavioral Health Center

> Oklahoma Children's Hospital OU Health Behavioral Health Center 960 NE 13th Street Oklahoma City, OK 73104

#### **BOCKUS PAYNE**

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116 www.bockus-payne.com

50 Fountain Plaza Suite 200 Buffalo, NY 14202 P: 716.773.6800 F: 716.773.5909

www.cannondesign.com

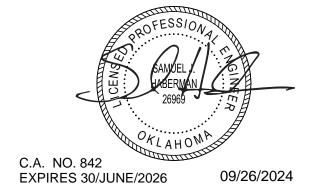
Alvine Engineering MEP Engineer 1001 W. Wilshire, Suite 102 Oklahoma City, OK 73116 405.936.3480

Kimley-Horn Structural Engineer 6160 Warren Parkway, Suite 210 Frisco, TX 75034 972.335.3580 OK FIRM #CA 2740 PE

2023 ©

Kimley-Horn Civil Engineer 4727 Gaillardia Parkway, Suite 250 Oklahoma City, OK 73142 405.241.5423 OK FIRM #CA 2740 PE

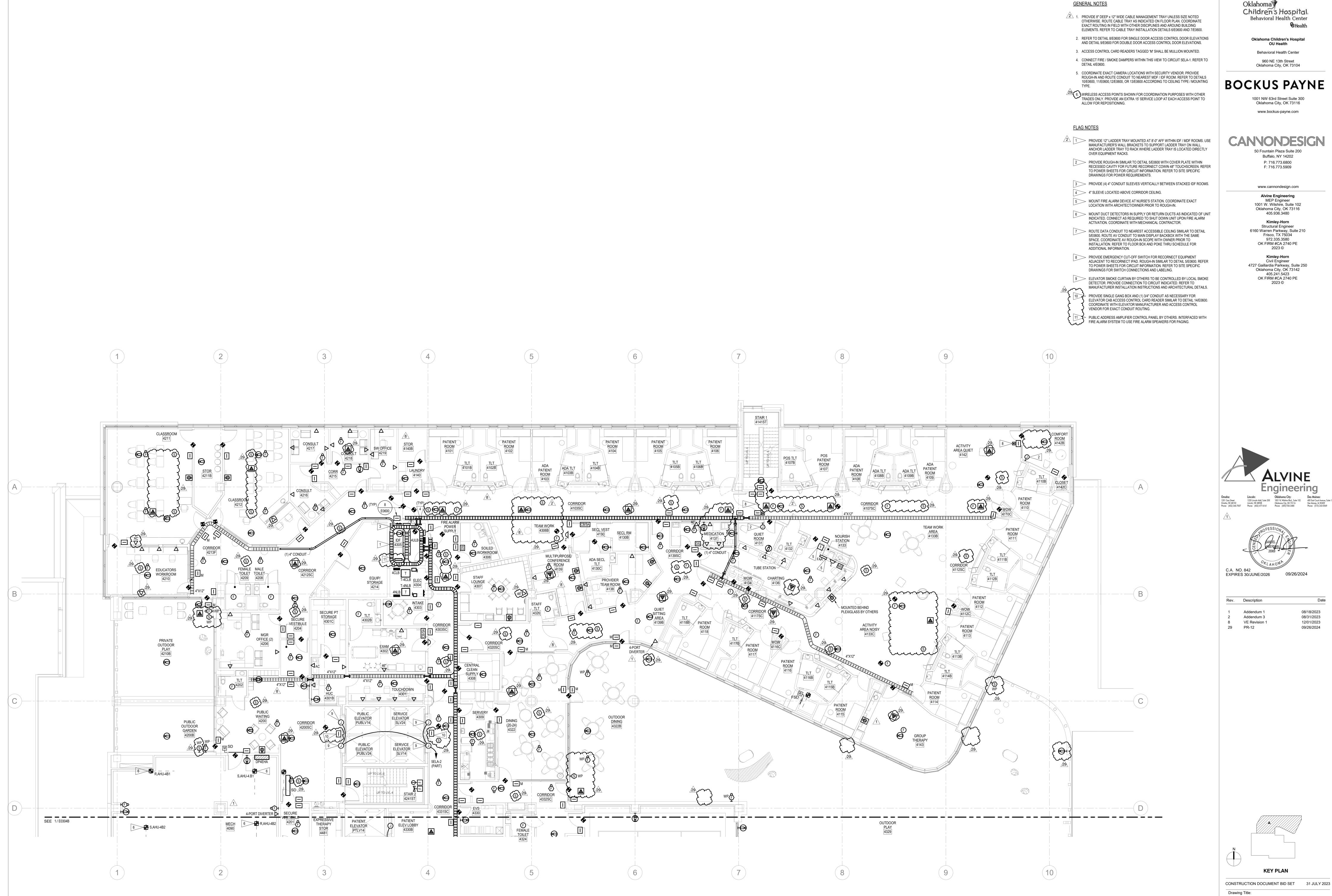
2023 ©



**KEY PLAN** CONSTRUCTION DOCUMENT BID SET 31 JULY 2023

**LEVEL 03 FLOOR PLAN -**

**AREA B - SPECIAL SYSTEMS** 



Children's Hospital. Behavioral Health Center

Oklahoma Children's Hospital

Behavioral Health Center

960 NE 13th Street

Oklahoma City, OK 73104

1001 NW 63rd Street Suite 300

Oklahoma City, OK 73116

www.bockus-payne.com

50 Fountain Plaza Suite 200

Buffalo, NY 14202

P: 716.773.6800

www.cannondesign.com

Alvine Engineering MEP Engineer

1001 W. Wilshire, Suite 102

Oklahoma City, OK 73116

405.936.3480

Kimley-Horn

Structural Engineer

6160 Warren Parkway, Suite 210 Frisco, TX 75034

972.335.3580

OK FIRM #CA 2740 PE

2023 ©

Kimley-Horn Civil Engineer

4727 Gaillardia Parkway, Suite 250

Oklahoma City, OK 73142

405.241.5423 OK FIRM #CA 2740 PE

2023 ©

VE Revision 1

F: 716.773.5909

OU Health

Project No.: 006676.00 Checked by: Checker

**LEVEL 04 FLOOR PLAN -**

**AREA A - SPECIAL** 

**SYSTEMS** 

© COPYRIGHT 2022

Permission to reproduce all or part of this drawing is hereby

granted solely for the limited purpose of construction of this project or archiving. Unauthorized copying, disclosure or

DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS and clearances from ARCHITECTURAL, STRUCTURAL, shop

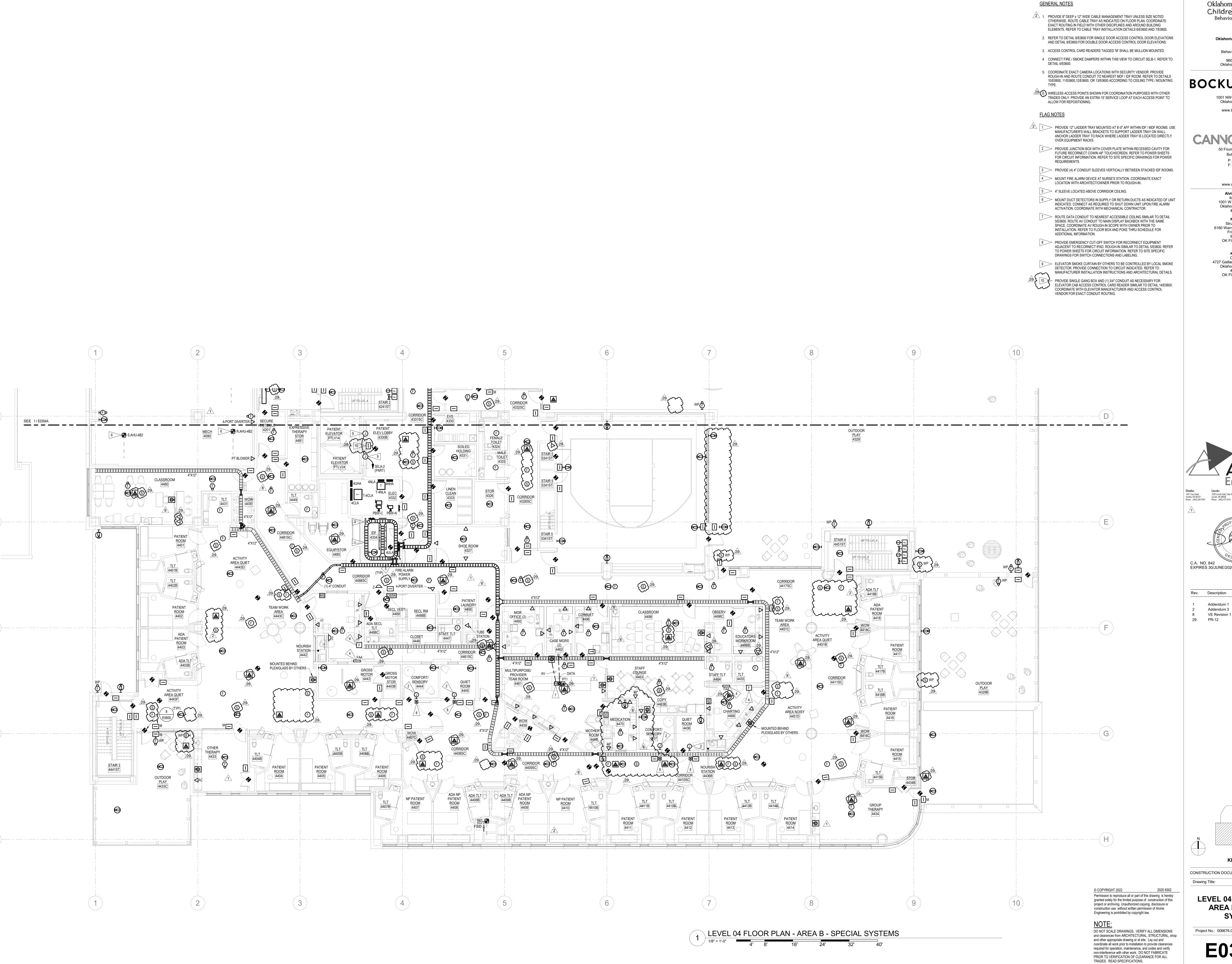
and other appropriate drawing or at site. Lay out and coordinate all work prior to installation to provide clearances

required for operation, maintenance, and codes and verify non-interference with other work. DO NOT FABRICATE

PRIOR TO VERIFICATION OF CLEARANCE FOR ALL TRADES. READ SPECIFICATIONS.

construction use without written permission of Alvine

Engineering is prohibited by copyright law.



Children's Hospital. Behavioral Health Center

> Oklahoma Children's Hospital OU Health Behavioral Health Center 960 NE 13th Street

Oklahoma City, OK 73104

#### **BOCKUS PAYNE**

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116 www.bockus-payne.com

## 50 Fountain Plaza Suite 200

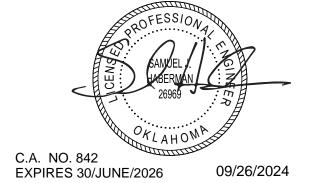
Buffalo, NY 14202 P: 716.773.6800 F: 716.773.5909

www.cannondesign.com Alvine Engineering MEP Engineer 1001 W. Wilshire, Suite 102 Oklahoma City, OK 73116

405.936.3480 Kimley-Horn Structural Engineer 6160 Warren Parkway, Suite 210

Frisco, TX 75034 972.335.3580 OK FIRM #CA 2740 PE 2023 ©

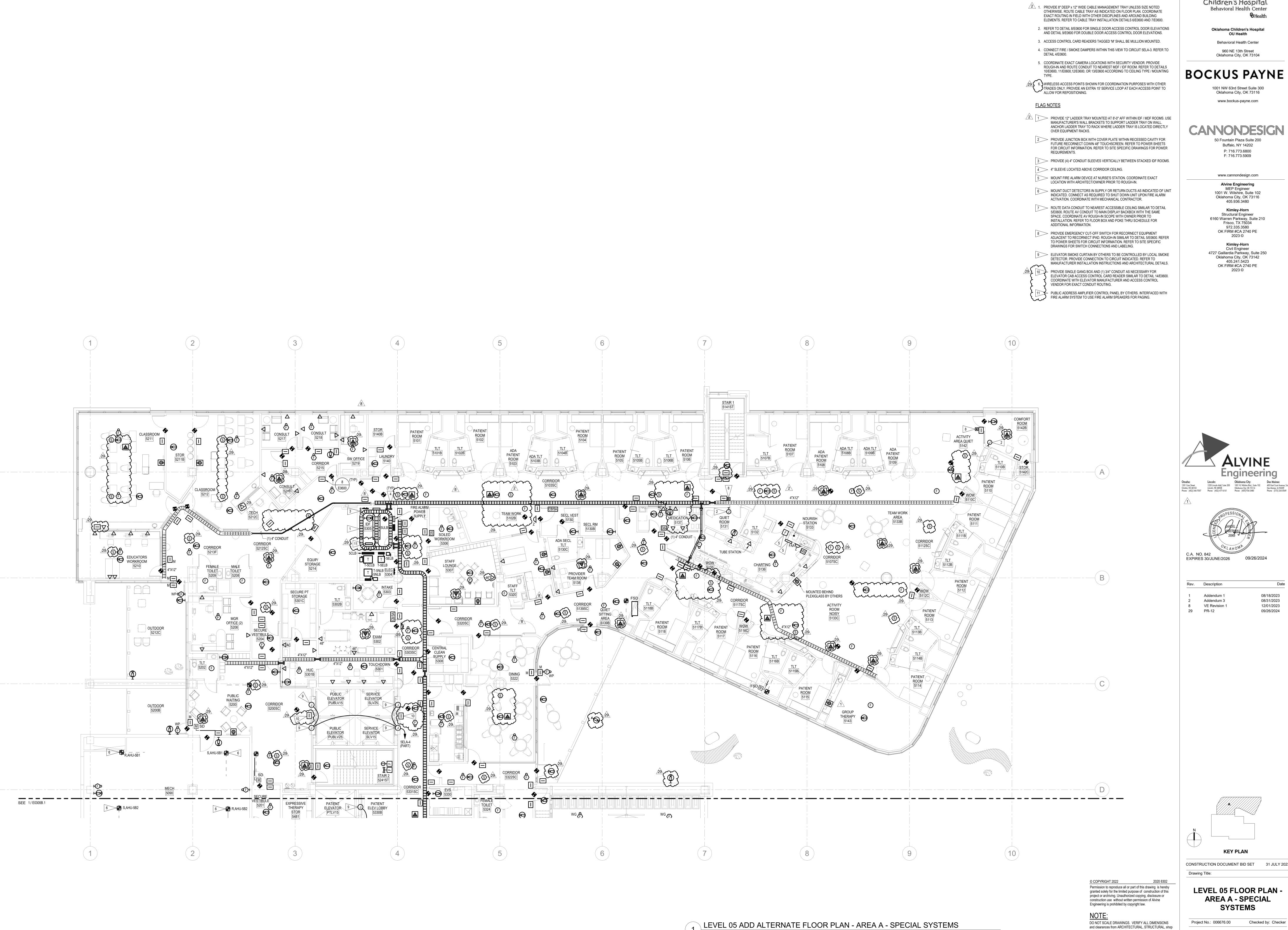
Kimley-Horn Civil Engineer 4727 Gaillardia Parkway, Suite 250 Oklahoma City, OK 73142 405.241.5423 OK FIRM #CA 2740 PE 2023 ©



CONSTRUCTION DOCUMENT BID SET 31 JULY 2023

**LEVEL 04 FLOOR PLAN -AREA B - SPECIAL SYSTEMS** 

Project No.: 006676.00 Checked by: Checker



**GENERAL NOTES** 

Children's Hospital. Behavioral Health Center

> Oklahoma Children's Hospital OU Health Behavioral Health Center 960 NE 13th Street

Oklahoma City, OK 73104

### **BOCKUS PAYNE**

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116 www.bockus-payne.com

50 Fountain Plaza Suite 200 Buffalo, NY 14202

P: 716.773.6800 F: 716.773.5909

Alvine Engineering MEP Engineer 1001 W. Wilshire, Suite 102 Oklahoma City, OK 73116

www.cannondesign.com

405.936.3480 Kimley-Horn Structural Engineer

6160 Warren Parkway, Suite 210 Frisco, TX 75034 972.335.3580 OK FIRM #CA 2740 PE 2023 ©

Kimley-Horn Civil Engineer 4727 Gaillardia Parkway, Suite 250 Oklahoma City, OK 73142 405.241.5423 OK FIRM #CA 2740 PE

2023 ©

C.A. NO. 842 EXPIRES 30/JUNE/2026 09/26/2024

CONSTRUCTION DOCUMENT BID SET 31 JULY 2023

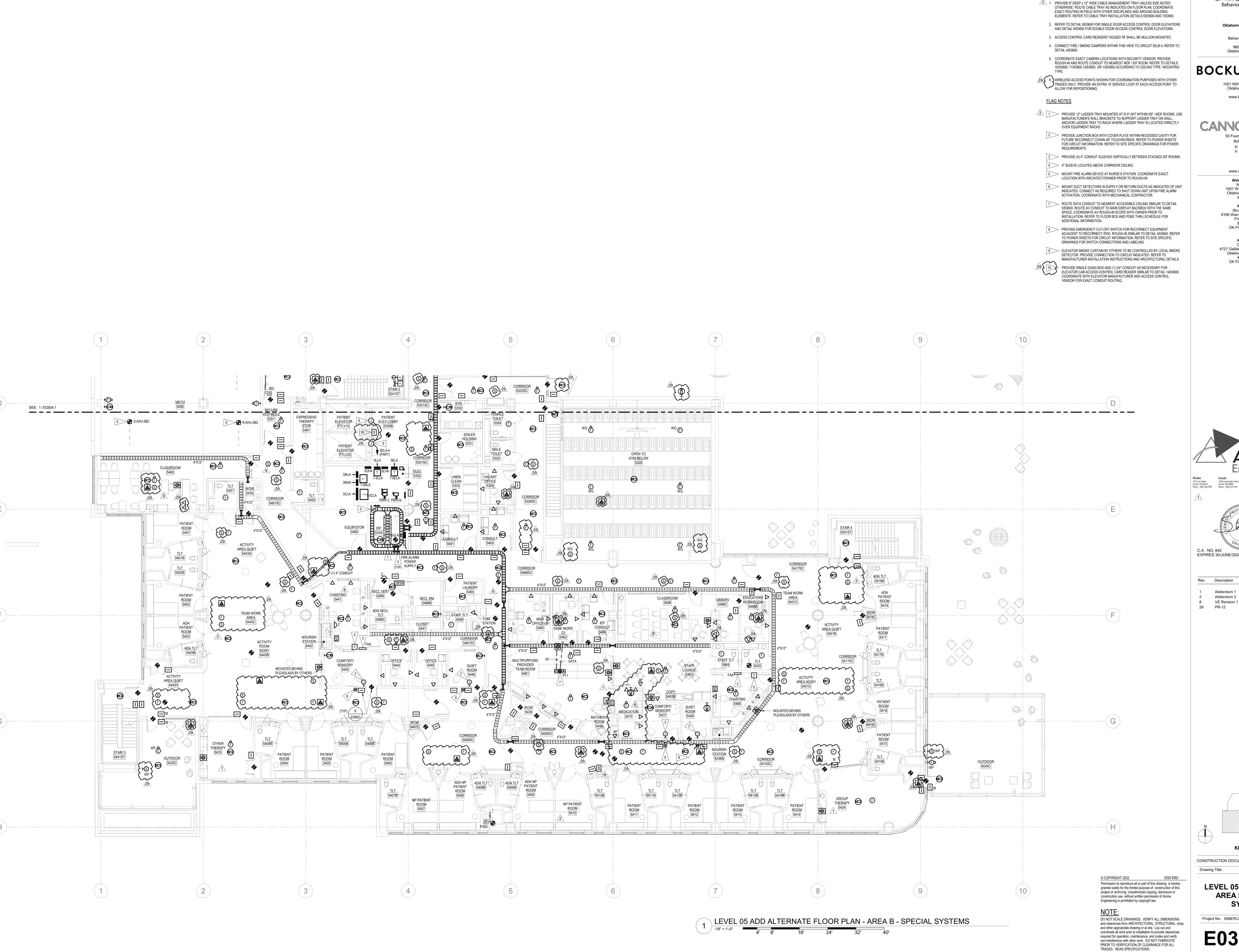
Drawing Title:

**LEVEL 05 FLOOR PLAN -AREA A - SPECIAL SYSTEMS** 

and other appropriate drawing or at site. Lay out and coordinate all work prior to installation to provide clearances

required for operation, maintenance, and codes and verify non-interference with other work. DO NOT FABRICATE

PRIOR TO VERIFICATION OF CLEARANCE FOR ALL TRADES. READ SPECIFICATIONS.



**GENERAL NOTES** 

Children's Hospital. Behavioral Health Center

> Oklahoma Children's Hospital OU Health Behavioral Health Center 960 NE 13th Street

Oklahoma City, OK 73104

### **BOCKUS PAYNE**

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116 www.bockus-payne.com

50 Fountain Plaza Suite 200 Buffalo, NY 14202 P: 716.773.6800 F: 716.773.5909

> www.cannondesign.com Alvine Engineering MEP Engineer

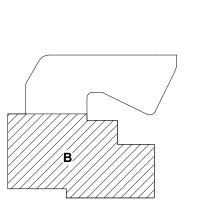
1001 W. Wilshire, Suite 102 Oklahoma City, OK 73116 405.936.3480 Kimley-Horn Structural Engineer

6160 Warren Parkway, Suite 210 Frisco, TX 75034 972.335.3580 OK FIRM #CA 2740 PE 2023 ©

Kimley-Horn Civil Engineer 4727 Gaillardia Parkway, Suite 250 Oklahoma City, OK 73142 405.241.5423 OK FIRM #CA 2740 PE

2023 ©

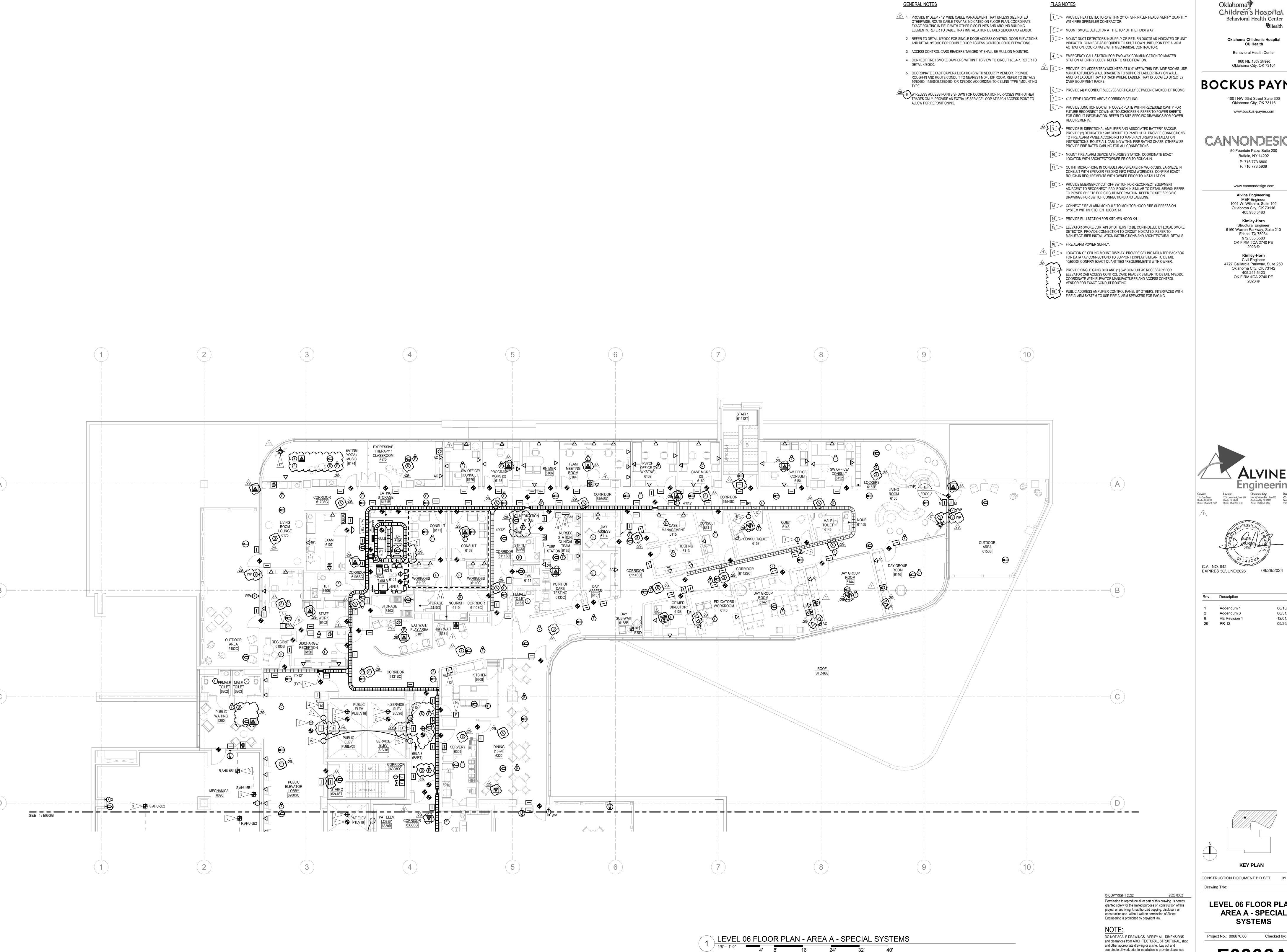




CONSTRUCTION DOCUMENT BID SET 31 JULY 2023

**LEVEL 05 FLOOR PLAN -AREA B - SPECIAL SYSTEMS** 

Project No.: 006676.00 Checked by: Checker



Oklahoma Children's Hospital.

Behavioral Health Center Oklahoma Children's Hospital OU Health

**BOCKUS PAYNE** 

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116 www.bockus-payne.com

50 Fountain Plaza Suite 200 Buffalo, NY 14202

> www.cannondesign.com Alvine Engineering MEP Engineer 1001 W. Wilshire, Suite 102

405.936.3480 Kimley-Horn Structural Engineer 6160 Warren Parkway, Suite 210

Frisco, TX 75034 972.335.3580 OK FIRM #CA 2740 PE 2023 ©

Kimley-Horn Civil Engineer 4727 Gaillardia Parkway, Suite 250 Oklahoma City, OK 73142 405.241.5423 OK FIRM #CA 2740 PE



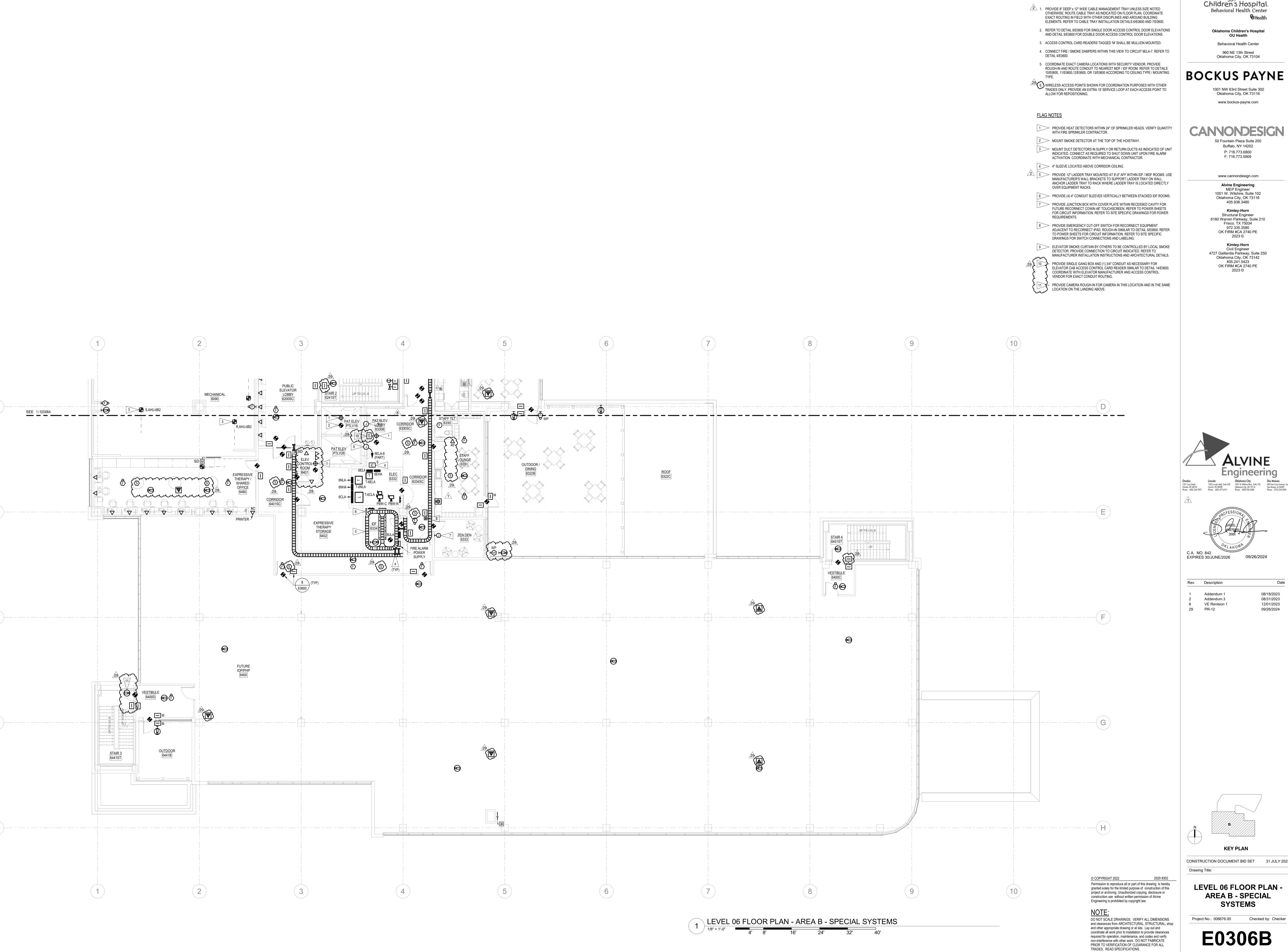
CONSTRUCTION DOCUMENT BID SET 31 JULY 2023

**LEVEL 06 FLOOR PLAN -AREA A - SPECIAL SYSTEMS** 

Project No.: 006676.00 Checked by: Checker

required for operation, maintenance, and codes and verify non-interference with other work. DO NOT FABRICATE

PRIOR TO VERIFICATION OF CLEARANCE FOR ALL TRADES. READ SPECIFICATIONS.



**GENERAL NOTES** 

Children's Hospital. Behavioral Health Center

> Oklahoma Children's Hospital OU Health Behavioral Health Center 960 NE 13th Street

#### **BOCKUS PAYNE**

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116 www.bockus-payne.com

50 Fountain Plaza Suite 200 Buffalo, NY 14202 P: 716.773.6800 F: 716.773.5909

www.cannondesign.com Alvine Engineering MEP Engineer 1001 W. Wilshire, Suite 102

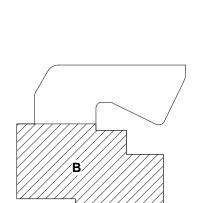
Oklahoma City, OK 73116 405.936.3480 Kimley-Horn

Structural Engineer 6160 Warren Parkway, Suite 210 Frisco, TX 75034 972.335.3580 OK FIRM #CA 2740 PE 2023 ©

Kimley-Horn Civil Engineer 4727 Gaillardia Parkway, Suite 250 Oklahoma City, OK 73142 405.241.5423 OK FIRM #CA 2740 PE

2023 ©





**KEY PLAN** CONSTRUCTION DOCUMENT BID SET 31 JULY 2023

**LEVEL 06 FLOOR PLAN -**

**AREA B - SPECIAL SYSTEMS** 

		TRA	ANSFORM	IER SCHEDU	I F		
					CONDUCTORS		
TRANSFORMER	VOLTAGE	KVA RATING	MOUNTING	PRIMARY	SECONDARY	GROUNDING ELECTRODE CONDUCTOR	REMARKS
T-1CLA	480V DELTA 208Y/120V	45	TRAPEZE	3-#4, #8 GND, 1 1/4"C	4-#1/0, #6 GND, 2"C	#6 1/2"C	
T-1CLB	480V DELTA 208Y/120V	30	FLOOR	3-#6, #10 GND, 1"C	4-#2, #8 GND, 1 1/4"C	#8 1/2"C	
T-1ELA	480V DELTA 208Y/120V	45	TRAPEZE	3-#4, #8 GND, 1 1/4"C	4-#1/0, #6 GND, 2"C	#6 1/2"C	
T-1LLA	480V DELTA 208Y/120V	75	TRAPEZE	3-#1, #6 GND, 1 1/2"C	4-#4/0, #2 GND, 2 1/2"C	#2 3/4"C	
T-1LLB	480V DELTA 208Y/120V	15	TRAPEZE	3-#10, #10 GND, 3/4"C	4-#6, #8 GND, 1"C	#8 1/2"C	
T-1NLA	480V DELTA 208Y/120V	30	TRAPEZE	3-#6, #10 GND, 1"C	4-#2, #8 GND, 1 1/4"C	#8 1/2"C	
T-1NLB	480V DELTA 208Y/120V	45	FLOOR	3-#4, #8 GND, 1 1/4"C	4-#1/0, #6 GND, 2"C	#6 1/2"C	
T-1NLC	480V DELTA 208Y/120V	75	TRAPEZE	3-#1, #6 GND, 1 1/2"C	4-#4/0, #2 GND, 2 1/2"C	#2 3/4"C	
T-1UHA	480V DELTA 208Y/120V	75	TRAPEZE	3-#4/0, #2 GND, 2 1/2"C	4-#1, #6 GND, 1 1/2"C	#2 3/4"C	
T-3LLA	480V DELTA 208Y/120V	15	TRAPEZE	3-#10, #10 GND, 3/4"C	4-#6, #8 GND, 1"C	#8 1/2"C	
T-3NLA	480V DELTA 208Y/120V	15	TRAPEZE	3-#10, #10 GND, 3/4"C	4-#6, #8 GND, 1"C	#8 1/2"C	
T-3NLB	480V DELTA 208Y/120V	15	FLOOR	3-#10, #10 GND, 3/4"C	4-#6, #8 GND, 1"C	#8 1/2"C	
T-4CLA	480V DELTA 208Y/120V	75	TRAPEZE	3-#1, #6 GND, 1 1/2"C	4-#4/0, #2 GND, 2 1/2"C	#2 3/4"C	
T-4CLB	480V DELTA 208Y/120V	45	TRAPEZE	3-#4, #8 GND, 1 1/4"C	4-#1/0, #6 GND, 2"C	#6 1/2"C	
T-4NLA	480V DELTA 208Y/120V	30	TRAPEZE	3-#6, #10 GND, 1"C	4-#2, #8 GND, 1 1/4"C	#8 1/2"C	
T-4NLB	480V DELTA 208Y/120V	30	TRAPEZE	3-#6, #10 GND, 1"C	4-#2, #8 GND, 1 1/4"C	#8 1/2"C	
T-5CLA	480V DELTA 208Y/120V	75	TRAPEZE	3-#1, #6 GND, 1 1/2"C	4-#4/0, #2 GND, 2 1/2"C	#2 3/4"C	
T-5CLB	480V DELTA 208Y/120V	45	TRAPEZE	3-#4, #8 GND, 1 1/4"C	4-#1/0, #6 GND, 2"C	#6 1/2"C	
T-5ELA	480V DELTA 208Y/120V	15	TRAPEZE	3-#10, #10 GND, 3/4"C	4-#6, #8 GND, 1"C	#8 1/2"C	
T-5ELB	480V DELTA 208Y/120V	15	TRAPEZE	3-#10, #10 GND, 3/4"C	4-#6, #8 GND, 1"C	#8 1/2"C	
T-5LLA	480V DELTA 208Y/120V	15	TRAPEZE	3-#10, #10 GND, 3/4"C	4-#6, #8 GND, 1"C	#8 1/2"C	
T-5NLA	480V DELTA 208Y/120V	30	TRAPEZE	3-#6, #10 GND, 1"C	4-#2, #8 GND, 1 1/4"C	#8 1/2"C	
T-5NLB	480V DELTA 208Y/120V	30	TRAPEZE	3-#6, #10 GND, 1"C	4-#2, #8 GND, 1 1/4"C	#8 1/2"C	
T-6CLA	480V DELTA 208Y/120V	75	TRAPEZE	3-#1, #6 GND, 1 1/2"C	4-#4/0, #2 GND, 2 1/2"C	#2 3/4"C	
T-6CLB	480V DELTA 208Y/120V	15	TRAPEZE	3-#10, #10 GND, 3/4"C	4-#6, #8 GND, 1"C	#8 1/2"C	
T-6ELA	480V DELTA 208Y/120V	15	TRAPEZE	3-#10, #10 GND, 3/4"C	4-#6, #8 GND, 1"C	#8 1/2"C	
T-6NLA	480V DELTA 208Y/120V	30	TRAPEZE	3-#6, #10 GND, 1"C	4-#2, #8 GND, 1 1/4"C	#8 1/2"C	
T-6NLB	480V DELTA 208Y/120V	45	TRAPEZE	3-#4, #8 GND, 1 1/4"C	4-#1/0, #6 GND, 2"C	#6 1/2"C	
T-BELA	480V DELTA 208Y/120V	15	FLOOR	3-#10, #10 GND, 3/4"C	4-#6, #8 GND, 1"C	#8 1/2"C	

GENERAL NOTES a. THE CONTRACTOR SHALL VERIFY THE SIZE OF EQUIPMENT SUPPLIED DOES NOT EXCEED THE AVAILABLE MOUNTING SPACE.

MARK													
MARK	CONDUCTORS AND CONDUIT												
	2 WIRE PLUS GROUND												
20F2	2 #12, #12 GND. 1/2" C.												
30F2	2 #10, #10 GND. 3/4" C.												
40F2	2 #8, #10 GND. 3/4" C.												
50F2	2 #6, #10 GND. 3/4" C.												
60F2	2 #6, #10 GND. 3/4" C.												
	3 WIRE PLUS GROUND												
20F3	3 #12, #12 GND. 1/2" C.												
30F3	3 #10, #10 GND. 3/4" C.												
10F3	3 #8, #10 GND. 1" C.												
50F3	3 #6, #10 GND. 1" C.												
60F3	3 #6, #10 GND. 1" C.												
70F3	3 #4, #8 GND. 1" C.												
30F3	3 #3, #8 GND. 1-1/4" C.												
90F3	3 #3, #8 GND. 1-1/4" C.												
100F3	3 #2, #8 GND. 1-1/4" C.												
150F3	3 #1/0, #6 GND. 1-1/2" C.												
175F3	3 #2/0, #6 GND. 1-1/2" C.												
	4 WIRE PLUS GROUND												
20F4	4 #12, #12 GND. 1/2" C.												
30F4	4 #10, #10 GND. 3/4" C.												
10F4	4 #8, #10 GND. 1" C.												
50F4	4 #6, #10 GND. 1" C.												
60F4	4 #6, #10 GND. 1" C.												
70F4	4 #4, #8 GND. 1-1/4" C.												
30F4	4 #3, #8 GND. 1-1/4" C.												
90F4	4 #3, #8 GND. 1-1/4" C.												
100F4	4 #2, #8 GND. 1-1/4" C.												
	SERVICE CONDUCTORS												
225S4	3 #4/0, 2" C.												
	3 WIRE PLUS GROUND (MOTORS)												
1M	3 #12, #12 GND. 1/2" C.												
3M	3 #10 #10 GND. 3/4" C.												
5M	3 #8, #8 GND. 1" C.												
9M	3 #6, #8 GND. 1" C.												
11M	3 #4, #6 GND. 1-1/4" C.												
29M	3 #4/0, #3 GND. 2" C.												
	4 WIRE PLUS GROUND												
125F4A	4 #1/0 AL, #6 CU GND. 1-1/2" C.												
150F4A	4 #3/0 AL, #6 CU GND. 2" C.												
175F4A	4 #4/0 AL, #6 CU GND. 2" C.												
200F4A	4 250 KCMIL AL, #4 CU GND. 2-1/2" C.												
225F4A	4 300 KCMIL AL, #4 CU GND. 2-1/2" C.												
250F4A	4 350 KCMIL AL, #4 CU GND. 3" C.												
100F4A	4 750 KCMIL AL, #3 CU GND. 3-1/2" C.												
500F4A	4 350 KCMIL AL, #1/0 AL GND. IN EACH OF (2) 3" C.												
600F4A	4 500 KCMIL AL, #2/0 AL GND. IN EACH OF (2) 3" C.												
300F4A	4 750 KCMIL AL, #3/0 AL GND. IN EACH OF (2) 4" C.												
1000F4A	4 600 KCMIL AL, #4/0 AL GND. IN EACH OF (3) 3-1/2" C.												
1200F4A	4 500 KCMIL AL, 250 KCMIL AL GND. IN EACH OF (4) 3" C.												
1600F4A	4 600 KCMIL AL, 350 KCMIL AL GND. IN EACH OF (5) 3-1/2" C.												
1000011	SERVICE CONDUCTORS												
1600S4A 2000S4A	4 600 KCMIL AL IN EACH OF (5) 3-1/2" C. 4 600 KCMIL AL IN EACH OF (6) 3-1/2" C.												

					TRANSF	ER SWITC	CH SCHED	ULE				
MARK	SERVICE   SERVICE   ENTRANCE   TRANSFER   NEMA   AVAILABLE FAULT   POWER SYSTEM BRANCH   REMARKS											
ATS-1CH	480 V	4	800	CLOSED	NO	2	NEMA 1	25,973 AMPS	NEC ART. 517 - CRITICAL			
ATS-1EH	480 V	4	1600	CLOSED	NO	3	NEMA 1	27,639 AMPS	NEC ART. 517 - EQUIPMENT			
ATS-1LH	480 V	4	230	CLOSED	NO	1	NEMA 1	24,328 AMPS	NEC ART. 517 - LIFE SAFETY			

a. WITHSTAND AND CLOSING RATING (WCR) OF EQUIPMENT SHALL BE EQUAL TO OR GREATER THAN THE AVAILABLE FAULT CURRENT WHEN PROTECTED BY THE OVERCURRENT DEVICES FURNISHED. b. GENERATOR START DELAY SHALL BE EQUAL TO OR GREATER THAN 1 SECOND.

	FLOOR BOX AND POKE THRU SCHEDULE													
	FLOOR	POKE					COMPARTMEN	ITS (QTY.)		CONDU	IT (PER COMPAR	TMENT)		
MARK	вох	THRU	<b>MANUFACTURER</b>	MODEL NO.	COVER	POWER	VOICE/DATA	AV	SPARE	AV	VOICE/DATA	SPARE	REMARKS	
FB1	Х		WIREMOLD	RFB4-OG SERIES	FLOORPORT SERIES	/29(2)	1	1	/29 <b>(D)</b>	1-1/4"	1-1/4"	-	1	
FB2	Х		WIREMOLD	800 SERIES	525 SERIES PEDESTAL SERVICE FITTING	1	0	0	0	-	-	-	2	
FB3	Х		WIREMOLD	800 SERIES	525 SERIES PEDESTAL SERVICE FITTING	1	0	0	0	-	-	-	3	
FB4	X		WIREMOLD	RFB2-OG SERIES	FLOORPORT SERIES	1	0	1	0	1-1/4"	-	-	1	
GB1			WIREMOLD	XB814 SERIES	XB814C520 SERIES	2	0	0	0	-	-	-	4	
PT1		X	WIREMOLD	8AT SERIES	8CTC2 SERIES	2 2 2	00000	2 2	0000	1-1/4"	1-1/4"			
PTŽ	~ ~ ~ ~	in X in	WIREMOLD	8AT SERIES	8CTC2SERIES	15 h	$\frac{1}{1}$	<del>i hithi</del>	Ling Mill	1-1/4"	1-1/4"	لبنينا	<del>, i ji ji ji ji ji</del>	
$\sim$		$\overline{}$		$\overline{}$		$\overline{}$	$\overline{}$	$\overline{}$		<del>~~~</del>			$\overline{}$	

GENERAL NOTES a. CONTRACTOR TO VERIFY CATALOG NUMBER AND INSULATION REQUIREMENTS PRIOR TO ORDERING.

b. PROVIDE ACCESSORIES AS REQUIRED FOR DEVICE INSTALLATION. PROVIDE MANUFACTURER'S STANDARD BLANK PLATES AS REQUIRED FOR UNUSED BOX COMPARTMENTS. c. COORDINATE VOICE/DATA REQUIREMENTS WITH INSTALLING CONTRACTOR.

d. UNLESS NOTED OTHERWISE, ROUTE LOW-VOLTAGE AND SPARE CONDUITS TO ABOVE ACCESSIBLE CEILING IN SAME ROOM AS THE FLOOR BOX/POKE THRU. TERMINATE WITH INSULATING BUSHINGS.

e. COORDINATE EXACT LOCATION WITH ARCHITECT/OWNER. f. VERIFY FINISH/COLOR WITH ARCHITECT.

1. PROVIDE NEMA 5-20R DUPLEX RECEPTACLE FOR EACH POWER COMPARTMENT. 2. PROVIDE (1) NEMA L14-30R RECEPTACLE IN FLOOR PEDESTAL WITH SUITABLE COVER PLATES AND ACCESSORIES.

3. PROVIDE (2) NEMA 5-20R GFCI DUPLEX RECEPTACLES (BACK-TO-BACK) IN SINGLE FLOOR PEDESTAL WITH SUITABLE COVER PLATES AND ACCESSORIES. 4. EXTERIOR GROUND BOX. PROVIDE (2) NEMA 5-20R DUPLEX RECEPTACLES PREWIRED IN THE COVER ASSEMBLY.

						NEMA	MOUNTING	PANEL -		
MARK	DESCRIPTION	VOLTAGE	PH	LOAD	CONNECTION	CONFIGURATION	HEIGHT	CIRCUIT NO.	WIRE & CONDUIT	REMARKS
111	DISPOSER	208 V	3	1300	HARDWIRE	-	18"	1NLA-13,15,17	20F3	
115	DISHMACHINE (VENTLESS)	480 V	3	52935	HARDWIRE	-	78"	1NHA-8,10,12	80F4	1,2
401	REACH-IN REFRIGERATOR/FREEZER	120 V	1	1236	PLUG / CORD	5-20R	90"	4CLA-17	20F2	
402	REACH-IN REFRIGERATOR	120 V	1	840	PLUG / CORD	5-20R	90"	4CLA-16	20F2	
406a	HOT/COLD TRANSPORT CABINET	120 V	1	532	PLUG / CORD	5-20R GFCI	46"	4CLA-14	20F2	
406b	HOT/COLD TRANSPORT CABINET	120 V	1	532	PLUG / CORD	5-20R GFCI	46"	4CLA-15	20F2	
415	SERVING COUNTER W/ LOAD CENTER	208 V	1	5045	PLUG / CORD	L14-30R	FLOOR	4CLA-20,22	30F3	3
416	DROP-IN HOT/COLD/FREEZE WELLS	208 V	1	0	PLUG / CORD	-	-	-	-	4
417	BREATH SHIELD W/ REFRIGERATOR SHELF	120 V	1	0	PLUG / CORD	-	-	-	-	4
418	UNDERCOUNTER REFRIGERATOR	120 V	1	0	PLUG / CORD	-	-	-	-	4
419	POP-UP TOASTER	120 V	1	1800	PLUG / CORD	5-20R GFCI	46"	4CLA-18	20F2	
421	MICROWAVE OVEN	120 V	1	1608	PLUG / CORD	5-20R GFCI	58"	4CLA-19	20F2	
423	JUICE DISPENSER	120 V	1	720	PLUG / CORD	5-20R GFCI	FLOOR	4CLA-21,23	20F3	5
424	ICE/WATER DISPENSER	120 V	1	1320	PLUG / CORD	5-20R GFCI	FLOOR	4CLA-21,23	20F3	5
501	REACH-IN REFRIGERATOR/FREEZER	120 V	1	1236	PLUG / CORD	5-20R	90"	5CLA-1	20F2	
502	REACH-IN REFRIGERATOR	120 V	1	840	PLUG / CORD	5-20R	90"	5CLA-2	20F2	
506a	HOT/COLD TRANSPORT CABINET	120 V	1	532	PLUG / CORD	5-20R GFCI	46"	5CLA-4	20F2	
506b	HOT/COLD TRANSPORT CABINET	120 V	1	532	PLUG / CORD	5-20R GFCI	46"	5CLA-5	20F2	
515	SERVING COUNTER W/ LOAD CENTER	208 V	1	5045	PLUG / CORD	L14-30R	FLOOR	5CLA-6,8	30F3	3
516	DROP-IN HOT/COLD/FREEZE WELLS	208 V	1	0	PLUG / CORD	-	-	-	-	4
517	BREATH SHIELD W/ REFRIGERATOR SHELF	120 V	1	0	PLUG / CORD	-	-	-	-	4
518	UNDERCOUNTER REFRIGERATOR	120 V	1	0	PLUG / CORD	-	-	-	-	4
519	POP-UP TOASTER	120 V	1	1800	PLUG / CORD	5-20R GFCI	46"	5CLA-7	20F2	
521	MICROWAVE OVEN	120 V	1	1608	PLUG / CORD	5-20R GFCI	58"	5CLA-9	20F2	
523	JUICE DISPENSER	120 V	1	720	PLUG / CORD	5-20R GFCI	FLOOR	5CLA-10,12	20F2	5
524	ICE/WATER DISPENSER	120 V	1	1320	PLUG / CORD	5-20R GFCI	FLOOR	5CLA-10,12	20F2	5
604a	HOT/COLD TRANSPORT CABINET	120 V	1	532	PLUG / CORD	5-20R GFCI	46"	6CLA-1	20F2	
604b	HOT/COLD TRANSPORT CABINET	120 V	1	532	PLUG / CORD	5-20R GFCI	46"	6CLA-2	20F2	
613	REACH-IN REFRIGERATOR/FREEZER	120 V	1	1236	PLUG / CORD	5-20R	90"	6CLA-4	20F2	
614	REACH-IN REFRIGERATOR	120 V	1	840	PLUG / CORD	5-20R	90"	6CLA-5	20F2	
615	DROP-IN HOT/COLD/FREEZE WELLS	208 V	1	5045	PLUG / CORD	L14-30R	FLOOR	6CLA-8,10	30F3	3
616	DROP-IN HOT/COLD/FREEZE WELLS	208 V	1	0	PLUG / CORD	-	-		-	4
617	BREATH SHIELD W/ REFRIGERATOR SHELF	120 V	1	0	PLUG / CORD	-	_		-	4
618	UNDERCOUNTER REFRIGERATOR	120 V	1	0	PLUG / CORD	-	_		_	4
619	POP-UP TOASTER	120 V	1	1800	PLUG / CORD	5-20R GFCI	46"	6CLA-6	20F2	
621	MICROWAVE OVEN	120 V	1	1608	PLUG / CORD	5-20R GFCI	58"	6CLA-7	20F2	
623	JUICE DISPENSER	120 V	1	720	PLUG / CORD	5-20R GFCI	FLOOR	6CLA-9,11	20F3	5
624	ICE/WATER DISPENSER	120 V	1	1320	PLUG / CORD	5-20R GFCI	FLOOR	6CLA-9,11	20F3	5

**GENERAL NOTES** a. ROUGH-INS FOR FOOD SERVICE EQUIPMENT SHALL BE IN ACCORDANCE WITH APPROVED FOOD SERVICE EQUIPMENT ROUGH-IN SHOP DRAWINGS.

b. ELECTRICAL CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO FOOD SERVICE EQUIPMENT. c. INSTALL ELECTRICAL ACCESSORIES AND FITTINGS FURNISHED LOOSE WITH THE FOOD SERVICE EQUIPMENT. d. CONNECTIONS FOR FOOD SERVICE EQUIPMENT SHALL BE PROVIDED WITH LIQUIDTIGHT FLEXIBLE METAL CONDUIT. e. ROUGH-IN REQUIREMENTS FOR EQUIPMENT "BY OWNER" SHALL BE VERIFIED WITH OWNER BEFORE INSTALLATION.

1. CONTROL PANEL FURNISHED BY FOOD SERVICE EQUIPMENT CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.

2. ELECTRICAL CONTRACTOR SHALL INTERCONNECT TABLE LIMIT SWITCH (LOCATION SHOWN ON PLAN) TO DISHWASHER IN LIQUID TIGHT FLEXIBLE CONDUIT ROUTED ON THE UNDERSIDE OF CLEAN DISHTABLE (ITEM #116). 10' CABLE FURNISHED TO ELECTRICAL CONTRACTOR BY FOOD SERVICE EQUIPMENT CONTRACTOR.

3. LOAD CENTER WITH NEMA L14-30P PLUG AND CORD SET FURNISHED BY FOOD SERVICE EQUIPMENT CONTRACTOR WITHIN COUNTER. CONNECT TO RECEPTACLE IN PEDESTAL. SERVES ITEMS #416, #417, #418.
4. RECEPTACLES FOR ITEMS #416, #417 AND #418 ARE PREWIRED TO LOAD CENTER IN COUNTER BY FOOD SERVICE EQUIPMENT CONTRACTOR.

5. PLUG INTO RECEPTACLE IN FLOOR PEDESTAL

Oklahoma Children's Hospital. Behavioral Health Center

Oklahoma Children's Hospital OU Health Behavioral Health Center 960 NE 13th Street Oklahoma City, OK 73104

#### **BOCKUS PAYNE**

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116 www.bockus-payne.com

## 50 Fountain Plaza Suite 200

Buffalo, NY 14202 P: 716.773.6800 F: 716.773.5909

> www.cannondesign.com Alvine Engineering
> MEP Engineer 1001 W. Wilshire, Suite 102

Oklahoma City, OK 73116 405.936.3480 Kimley-Horn Structural Engineer 6160 Warren Parkway, Suite 210 Frisco, TX 75034

972.335.3580 OK FIRM #CA 2740 PE 2023 © Kimley-Horn Civil Engineer 4727 Gaillardia Parkway, Suite 250

Oklahoma City, OK 73142 405.241.5423 OK FIRM #CA 2740 PE

 Omaha:
 Lincoln:
 Oklahoma City:
 Des Moines:

 1201 Cass Street
 1220 Lincoln, Mall, Suite 200
 1001 W, Wilshire Bkd., Suite 102
 400 East Court Avenue, Suite 130

 Omaha, NE 68102
 Lincoln, NE 68508
 Oklahoma City, OK 73116
 Des Moines:
 A50309

 Phone:
 (402) 346-7007
 Phone:
 (402) 477-6161
 Phone:
 (405) 936-3480
 Phone:
 (515) 243-0569



Rev. Description Addendum 1 08/18/2023 8 VE Revision 1 12/01/2023

29 PR-12

09/26/2024

CONSTRUCTION DOCUMENT BID SET 31 JULY 2023

Drawing Title:

© COPYRIGHT 2022

Permission to reproduce all or part of this drawing is hereby

granted solely for the limited purpose of construction of this project or archiving. Unauthorized copying, disclosure or construction use without written permission of Alvine

DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS

and clearances from ARCHITECTURAL, STRUCTURAL, shop and other appropriate drawing or at site. Lay out and

Engineering is prohibited by copyright law.

TRADES. READ SPECIFICATIONS.

**ELECTRICAL SCHEDULES** 

Project No.: 006676.00 Checked by: Checker

	200 27, BR	00 AMP M 800 AM EAKER DI	HASE 4 WIR CB MPS AVAIL F STRIBUTION (FMR-1	AULT /8	LO	CATION M	AIN NORMAL ELECTRICAL 1371 00% RATED MCB
CKT #	AMPS	POLES	REMARKS	Load		DESC	CRIPTION
1	1600	3	LSIG	1057111	ATS-1	EH	
2	600	3		0	SPAC	E	
3	400	3		0	SPAC	E	
4	250	1		0	SPAC	E	
5	100	1		0	SPAC	E	
6	100	1		0	SPAC	E	
LOA	O TYPE	CONNECTE	D DEMAND		DEMAND	) P/	ANEL TOTALS
RECE		170000	52.9		90000		
LIGH		34496	125.		43120	998408	
MISC		17628	100.		17628		TOTAL VA
KITCI MTR/		0 610617	0.0 102.		0 623290	1201	MIN. FEEDER AMP
	CONC	010017	0.0		023290	-	
HOTE		0	0.0		0	-	
ELEV		0	0.0		0		
EM E	LEV	224370	100.		224370		
	QUIP	0	0.0		0	-	
= EV		0	0.0		0	-	
	OM1	0	0.0		0		
	OM2	0	0.0	*	0		
	OM3	0	0.0	_	0	-	

		SWIT	СНВО	DARE	1MS	BNHB
	480	)/277V 3 PI	HASE 4 WIR	E WITH G	ROUND B	AR
	160	00 AMP M	CB			
	26,	400 AM	IPS AVAIL F	AULT	8	
	BR	EAKER DIS	STRIBUTION	I —		CATION MAIN NORMAL ELECTRICAL 1371
	SO	URCE UX	FMR-2		LSI	G MCB; 100% RATED MCB
CKT #	AMPS	POLES	REMARKS	Load		DESCRIPTION
1	800	3	LSIG	377140	PBW-N	
2	800	3	LSIG	559695	ATS-10	CH
3	200	3	LSIG	77322	ATS-1L	.H
4	600	3		0	SPACE	
5	400	3		0	SPACE	
6	250	3		0	SPACE	
7	100	3		0	SPACE	
8	100	3		0	SPACE	
LOA	D TYPE	CONNECTE	DEMAND	FACTOR	DEMAND	PANEL TOTALS
RECE		640920	50.7	_	325460	
	TING	89722		00%	112153	695685 <b>EMD</b>
MISC KITC		55903	100. 65.0		55903 71171	1014157 TOTAL VA 837 MIN. FEEDER AMP
MTR/		109494 78122	116.		91003	03/ WIIN. FEEDER AWIP
	CONC	0	0.0		0	
HOTE		0	0.0		0	
ELEV	,	0	0.0	0%	0	
EM E	LEV	0	0.0	0%	0	
EM E	QUIP	0	0.0	0%	0	
EV	·	0	0.0	0%	0	
	ГОМ1	0	0.0		0	
CUS				0%	0	
CUST	ГОМ2	0	0.0			

						PA	NEL	_ 1N	ILB						
120/208V 3 PHASE 150 AMP MCB	4 WIRE WITH	GROUND BAR				SUR	RFACE	MOUN	TED						
,	VAIL FAULT					COL	IDOE	T 4NII I	<b>.</b>						
60 POLES ONE SE	CTION						IRCE ATION	T-1NLI						N	NORMAL BRANCH
							TION	LLLO	1104					<u>'</u>	VOI (WAL DIVARIOTI
DESCRIPT	ION	REMARKS AMPS	POLES	CKT#		A	E	3		3	CKT#	POLES	AMPS	REMARKS	DESCRIPTION
RECEPT KITCHEN 1	134 - COFFEE	20	1	1	1800	1000					2	1	20		RECEPT KITCHEN 1134
RECEPT KITCHEN 1		GFCI 20	1	3			1200	720			4	1	20		RECEPT KITCHEN 1134
RECEPT KITCHEN 1	134	20	1	5					360	900	6	1	20		RECEPT PT/FAM ADVOCATE 11
RECEPT MGR 1138		20	1	7	900	900					8	1	20		RECEPT NURSING DIR 1140
RECEPT AVP OFFIC		20	1	9			1260	900			10	1	20		RECEPT DIRECTOR 1144
RECEPT VACANT 11		20	1	11					900	900	12	1	20		RECEPT OKCPS LIAISON 1139
RECEPT PSYCH MEI		20	1	13	900	1260	F 10	4500			14	1	20		RECEPT EDUCATORS 1143
RECEPT RR 1153, 11		20	1	15			540	1500	F.40	4000	16	1	20		RECEPT ADMIN COPY 1157
RECEPT ADMIN COP		20	1	17	000	000			540	1260	18	1	20		RECEPT CORRIDOR 1130SC
RECEPT VACANT 11		20	1	19	900	900	4000	4000			20	1	20		RECEPT VACANT 1148
RECEPT UTIL. REV.		20	1	21			1260	1260	700	1000	22	1	20		RECEPT FAMILY BES. CTD 444
RECEPT ROOMS 11		20	1	23	4000	1000			720	1800	24	1	20	050	RECEPT FAMILY RES. CTR 1114
RECEPT RESOURCE		$\sim$		25	1080	1200	000	4000			26	1	20	GFCI	RECEPT RESOURCE CTR 1144
RECEPT ADMIN CON			سإب	27			360	1260	4000	000	28	1	20		RECEPT ADMIN CORPIDORS
		20	1	29	000	700			1800	900	30	1	20		RECEPT ADMIN CORRIDORS
RECEPT RIGHT OFF		20	1	31	900	720	1000	000			32 34	1	20		RECEPT RESOUR. OFFICE 1114
ECEPT MEDITATION ROOM 1112 ECEPT STAFF LOUNGE-2 1206-2		20	1	33 35			1080	900	360	1260	36	1	20		RECEPT VALET STC-938 RECEPT LOBBY
RECEPT STAFF LOUNGE-2 1206-2		20	1	37	540	300			300	1200	38	1	20	GFCI	RECEPT VENDING 1103 - EWC
RECEPT RECEPTION RECEPT LOBBY	N 11001	20	1	39	540	300	1260	360			40	1	20	GFCI	RECEPT VENDING 1103 - EWC
EF-2		20	1	41			1200	300	300	500	42	1	20		DOOR OPERATOR
RECEPT FAMILY RE	S CTR 111/	_ GECI 20	1	43	800	540			300	300	44	1	20		RECEPT ADMIN CONF. 1158
RECEPT FAMILY RE	SCHARGING			<b>3</b> 45	000	340	180	1080			46	1	20		RECEPT ADMIN CONF. 1158
FAMILY TOILET 1120		20	1	47			100	1000	180		48	•			NEGEL L'ABILITATION
···········		······	~~	49							50				
SPARE		20	1	51			0	0			52	1	20		SPARE
SPARE		20	1	53					0	0	54	1	20		SPARE
SPARE		20	1	55	0	0					56	1	20		SPARE
SPARE		20	1	57			0	0			58	1	20		SPARE
SPARE		20	1	59					0	0	60	1	20		SPARE
LOAD TYPE	CONNECTI			DEMA										ΡΔΙ	NEL TOTALS
RECEPT	41460	62.06%		2573	80	1									
LIGHTING	0	0.00%		0		-									26835 <b>EMD</b>
MISC	180	100.00%	)	180	1	-								4	12440 TOTAL VA
KITCHEN MTR/HTR	800	0.00% 115.63%		925 925		-									74 MIN. FEEDER AMPS
NONCONC	0	0.00%	,	923	*	1									
HOTEL	0	0.00%		0		1									
ELEV	0	0.00%		0		1									
EM ELEV	0	0.00%		0		1									
EM EQUIP	0	0.00%		0		1									
EV CHARGER	0	0.00%		0		-									
CUSTOM1	0	0.00%		0		-									
CUSTOM1	0	0.00%		0		-									
CUSTOM3	0	0.00%		0		-									
FEED THRU LOAD TO		0.00%													

							PA	NEL	. 3N	ILB										
	E 4 WIRE WITH	GROUND	BAR				SUR	FACE	MOUN	ITED										
50 AMP MCB 1,200 AMPS A 30 POLES ONE SE	AVAIL FAULT ECTION							RCE								NORMAL BRANCH				
LOCATION ELEC 3104 NORMAL BRANCH											NORWAL BRANCH									
DESCRIP	TION	REMARKS	AMPS	POLES	POLES	POLES	POLES	POLES	CKT#	A	١	E	3	(		CKT#	POLES	AMPS	REMARKS	DESCRIPTION
RECEPT ELEC 3105	, IDF 3104		20	1	1	360	1260					2	1	20		RECEPT CONFERENCE ROOM				
RECEPT PATH 2141	SC, 3141C		20	1	3			1080	900			4	1	20		RECEPT BOH PATHS 2090				
RECEPT MECH/STO	R 2090		20	1	5					540	360	6	1	20		RECEPT PARKING STC-1568				
RECEPT CONF. ROO	OM 2102		20	1	7	1080	180					8	1	20		RECEPT PARKING-1 STC-1567-				
					9							10								
					11							12								
					13							14								
					15							16								
					17							18								
					19							20								
					21							22								
					23							24								
SPARE			20	1	25	0	0					26	1	20		SPARE				
SPARE			20	1	27			0	0			28	1	20		SPARE				
SPARE			20	1	29					0	0	30	1	20		SPARE				
LOAD TYPE	CONNECT	ED DI	EMAND		DEMA	ND									DAI	VIEL TOTAL O				
RECEPT	5760	1	100.00%	)	5760	)									PAI	NEL TOTALS				
LIGHTING	0		0.00%		0											5760 <b>EMD</b>				
MISC	0		0.00%		0											5760 TOTAL VA				
KITCHEN	0		0.00%		0											16 MIN. FEEDER AMPS				
MTR/HTR	0		0.00%		0															
NONCONC	0		0.00%		0															
HOTEL	0		0.00%		0															
ELEV	0		0.00%		0															
EM ELEV	0		0.00%		0															
EM EQUIP	0		0.00%		0															
EV CHARGER	0		0.00%		0															
CUSTOM1	0		0.00%		0															
CUSTOM2	0		0.00%		0															
CUSTOM3	0		0.00%		0															
FEED THRU LOAD T	OTAL: 0																			

							PA	NEL	<u> 1N</u>	НА						
	4 WIRE WITH	GROUND I	BAR				SUR	FACE	MOUN	TED						
250 AMP MLO																
•	VAIL FAULT															
42 POLES ONE SE	CTION						SOU		PBW-N							
	1						LOC	ATION	ELEC	1332					N	ORMAL BRANCH
DESCRIPT	ION	REMARKS	AMPS	POLES	CKT#	ı	4	E	3	C		CKT#	POLES	AMPS	REMARKS	DESCRIPTION
T-1NLA			45	3	1	6143	14640					2	3	70		T-1NLB
					3			5273	15120			4				
-					5					5713	12680	6				
BASEMENT LTG			20	1	7	612	17705					8	3	80		DISHMACHINE (ITEM 115)
1ST FLOOR NORTH			20	1	9			4046	17705			10				
1ST FLOOR SOUTH I			20	1	11					2870	17705	12				
EXTERIOR, 1ST FLR			20	1	13	4422	180					14	1	20		FUTURE CAFE NORMAL LTG
XFMR YARD, PARK L	.TG		20	1	15			898	704			16	1	20		EXTERIOR ENTRANCE LTG
TRASH COMPACTOR	₹		30	3	17					5000	196	18	1	20		LIGHTING
					19	5000						20				
					21			5000				22				
					23							24				
					25							26				
					27							28				
					29							30				
					31							32				
					33							34				
					35							36				
SPARE			20	1	37	0	0					38	1	20		SPARE
SPARE			20	1	39			0	0			40	1	20		SPARE
SPARE			20	1	41					0	0	42	1	20		SPARE
LOAD TYPE	CONNECT		EMAND.		DEMA										ΡΔΝ	NEL TOTALS
RECEPT	56860		58.79%		3343											
LIGHTING	13568		25.00%		1696											4406 EMD
MISC	790		00.00%		790		_								14	1613 TOTAL VA
KITCHEN MTR/HTR	54595 15800		80.00% 23.73%		4367 1955		_									138 MIN. FEEDER AMPS
NONCONC	0		0.00%		1955	iU										
HOTEL	0		0.00%		0		1									
ELEV	0		0.00%		0		1									
EM ELEV	0		0.00%		0		_									
EM EQUIP	0		0.00%		0		1									
EV CHARGER	0		0.00%		0		1									
CUSTOM1	0		0.00%		0											
CUSTOM1	0		0.00%		0											
CUSTOM3 FEED THRU LOAD TO	OTAL: 0		0.00%		0											

30/277V 3 PHASI	E 4 WIRE WITH	CDOLIND I	BVD				GLID		MOUN	TED			-			
00/277V 3 PHASI 00 AMP MLO	E 4 WIRE WITH	GROUND	DAK				SUR	FACE	IVIOUN	IED						
	VAIL FAULT															
80 POLES ONE SE							SOLI	RCE	PBW-N	ı						
OUT OLLO ONL OL	CHON								ELEC							IORMAL BRANCH
								ATION	LLLO	JJJZ						TOTAL BIVATORI
DESCRIPT	TION	REMARKS	AMPS	POLE	S CKT#	,	A	I	В	(	3	CKT#	POLES	AMPS	REMARKS	DESCRIPTION
T-3NLA			25	3	1	1080	2880					2	3	25		T-3NLB
-					3			900	1980			4				
<del>-</del>					5					0	900	6				
2ND FLOOR INTERIO	OR LTG		20	1	7	2681	2550					8	1	20		LIGHTING
FRONT EXTERIOR D	OWNLIGHT		20	1	9			656				10				
2ND FLOOR PARKIN	G LTG		20	1	11					1173		12				
3RD FLOOR PARKIN	G LTG		20	1	13	1053						14				
					15							16				
					17							18				_
					19							20				
					21							22				
					23							24				
					25							26				
SPARE			20	1	27			0	0			28	1	20		SPARE
SPARE			20	1	29					0	0	30	1	20		SPARE
LOAD TYPE	CONNECTE		EMAND		DEMA										PAN	NEL TOTALS
RECEPT	7740		00.00%		774											
LIGHTING	8113		25.00%	Ď	1014	<b>1</b> 1										7881 <b>EMD</b>
MISC	0		0.00%		0		-								1	5853 TOTAL VA
KITCHEN MTR/HTR	0		0.00%		0											22 MIN. FEEDER AMPS
NONCONC	0		0.00%	+	0											
HOTEL	0		0.00%	+	0		1									
ELEV	0		0.00%		0		1									
EM ELEV	0		0.00%		0		-									
EM EQUIP	0		0.00%		0		-									
EV CHARGER	0		0.00%		0		-									
CUSTOM1	0		0.00%		0		1									
CUSTOM2	0		0.00%		0		-									
CUSTOM3	0		0.00%		0		1									
, c c i c i v i c	OTAL: 0		3.0070		<u> </u>											

							PA	NEL	_ 4N	HA						
480/277V 3 PHASE	4 WIRE WITH	I GROUND E	BAR				-		MOUN				-			
100 AMP MLO 18,100 AMPS A' 30 POLES ONE SEC	VAIL FAULT							IRCE ATION	PBW-N						N	IORMAL BRANCH
DESCRIPTI	ON	REMARKS	AMPS	POLES	CKT#		A		В	C	;	CKT#	POLES	AMPS	REMARKS	DESCRIPTION
T-4NLA			45	3	1	6740	7740					2	3	45		T-4NLB
<b>-</b>					3			7768	7308			4				
-					5					5140	6060	6				
4TH FLR MECH, COR	R, WAIT LTG		20	1	7	321	45					8	1	20		4TH FLR OUTDOOR LTG
					9							10				
					11							12				
					13							14				
					15							16				
					17							18				
					19							20				
					21							22				_
					23							24				
SPARE			20	1	25	0	0					26	1	20		SPARE
SPARE			20	1	27			0	0			28	1	20		SPARE
SPARE			20	1	29					0	0	30	1	20		SPARE
LOAD TYPE	CONNECT	ED DE	EMAND.		DEMA	ND									DAN	NEL TOTALS
RECEPT	38820		62.88%		2441											
LIGHTING	1302		25.00%		162	3										7038 <b>EMD</b>
MISC	0		0.00%		0										4	1122 TOTAL VA
KITCHEN	1000		00.00%		1000	J	-									33 MIN. FEEDER AMPS
MTR/HTR	0		0.00%		0		-									
NONCONC	0		0.00%		0		-									
HOTEL	0		0.00%		0		-									
ELEV	0		0.00%		0		-									
EM ELEV	0		0.00%		0		-									
EM EQUIP	0		0.00%		0		-									
EV CHARGER	0		0.00%		0		-									
CUSTOM1	0		0.00%		0		-									
OLIOTOMA	STOM2 0 0.00%			0		1										

100 AMP MCB	4 WIRE WITH VAIL FAULT CTION	I GROUND	BAR						MOUN								
	31.011								ELEC						N	ORMAL I	BRANCH
DESCRIPT	ION	REMARKS	AMPS	POLES	CKT#		A	E	3	(	3	CKT#	POLES	AMPS	REMARKS		DESCRIPTION
IRRIGATION CONTRO	OLLER		20	1	1	250	900					2	1	20		RECEPT	STAFF LOUNGE 12
					3				1000			4	1	20		RECEPT	STAFF LOUNGE 12
RECEPT STOR 1203,	MON. 1205		20	1	5					1080	1080	6	1	20		RECEPT	1212, 1210
RECEPT STAFF LOU	NGE 1206		20	1	7	180	720					8	1	20			RECEPTION 1218
RECEPT SALLYPORT		GFCI,AFCI	20	1	9			1080	540			10	1	20	GFCI,AFCI	RECEPT	EXAM 1215, STOR
RECEPT BOH CORRI			20	1	11					1080	540	12	1	20			RECEIVING OFFICE
RECEPT RECEIVING			20	1	13	1260	1260					14	1	20			DISH 1337B, STOR
DISPOSER (ITEM 111	)		20	3	15			493	900			16	1	20			ELEC 1370, CORR
<b> </b>					17					493	720	18	1	20			HSKP 1341, BOUT
					19	493	1080					20	1	20			STOR 1339, 1338, 1
RECEPT MDF / IDF 13		0501	20	1	21			540	720	000	000	22	1	20	+		B092SC, B091SC, 4
RECEPT - GROUND E	BOX	GFCI	20	1	23					360	360	24	1	20		RECEPT	IDF 2334
					25							26					
					27							28					
SPARE			20	1	29 31	0	0					30	1	20		SPARE	
SPARE			20	1	33	U	U	0	0			34	1	20		SPARE	
SPARE			20	1	35			U	U	0	0	36	1	20		SPARE	
SPARE			20	1	37	0	0			U	U	38	1	20		SPARE	
SPARE			20	1	39			0	0			40	1	20		SPARE	
SPARE			20	<u>'</u> 1	41			0		0	0	42	1	20		SPARE	
LOAD TYPE	CONNECT	ED DI	EMAND.	•	DEMA	ND						12	•				
RECEPT	15400		82.47%		1270										PAN	IEL TOTA	ALS
LIGHTING	0		0.00%		0										1.	4430 <b>EM</b>	ID
MISC	250		100.00%		250	)										7130 <b>TO</b>	
KITCHEN	1480		100.00%		148	0										40 <b>M</b> II	N. FEEDER AMPS
MTR/HTR	0		0.00%		0												
NONCONC	0		0.00%		0												
HOTEL	0		0.00%		0												
ELEV	0		0.00%		0												
EM ELEV	0		0.00%		0												
EM EQUIP	0		0.00%		0												
EV CHARGER	0		0.00%		0												
CUSTOM1	0		0.00%		0												
CUSTOM2	0		0.00%		0												
CUSTOM3	0		0.00%		0												

						PA	NEL	_ 3N	LA						
50 AMP MCB	4 WIRE WITH	H GROUND BAR				SUR	RFACE	MOUN	TED						
30 POLES ONE SE	CTION					SOL	JRCE	T-3NL/	4						
					ı	LOC	ATION	ELEC:	3332				1	NORMAL	BRANCH
DESCRIPT	ION	REMARKS AMPS	POLES	CKT#	4	4	ı	В	(	С	CKT#	POLES	AMPS	REMARKS	DESCRIPTION
RECEPT ELEC 3334,	IDF 3332	20	1	1	360	720					2	1	20	RECEP	PARKING STC-1568
RECEPT PARKING-1	STC-1567-1	20	1	3			720	180			4	1	20	RECEP-	PARKING-1 STC-1567
				5							6				
				7							8				
				9							10				
				11							12				
				13							14				
				15							16				
				17							18				
				19							20				
				21							22				
SPARE		20	1	23 25	0	0					24	1	20	SPARE	
SPARE SPARE		20	1	27	U	U	0	0			28	1	20	SPARE	
SPARE		20	1	29			0	J	0	0	30	1	20	SPARE	
LOAD TYPE	CONNECT	<del>                                     </del>		DEMA	ND						1 30	'			_
RECEPT	1980	100.00%		198		1								PANEL TOT	ALS
LIGHTING	0	0.00%		0		1								1980 <b>EN</b>	ID
MISC	0	0.00%		0										1980 <b>TC</b>	TAL VA
KITCHEN	0	0.00%		0										5 <b>M</b> I	N. FEEDER AMPS
MTR/HTR	0	0.00%		0											
NONCONC	0	0.00%		0		-									
HOTEL	0	0.00%		0		-									
ELEV	0	0.00%		0		-									
EM ELEV	0	0.00%		0											
EM EQUIP	0	0.00%		0		1									
EV CHARGER CUSTOM1	0	0.00%		0		1									
CUSTOM1 CUSTOM2	0	0.00%		0		1									
CUSTOM2 CUSTOM3	0	0.00%		0		1									
FEED THRU LOAD TO		0.00%		U											

							PA	NEL	_ 4N	LA						
120/208V 3 PHASE	4 WIRE WITH GF	ROUND E	BAR						MOUN							
100 AMP MCB																
1,900 AMPS A	VAIL FAULT															
42 POLES ONE SEC	CTION						SOU	IRCE	T-4NL	4						
							LOC	ATION	ELEC	4332					١	NORMAL BRANCH
DESCRIPT	ON RE	MARKS	AMPS	POLES	CKT#	,	A	l	В	(	3	CKT#	POLES	AMPS	REMARKS	DESCRIPTION
RECEPT STAIR 5 AV	RACK	$\sim$	20		3 1	180	360					2	1	20		RECEPT IDF 4334
S. 4TH FLR PATIENT	RM MIRRORS	$\mathcal{L}$	$\mathcal{I}_{20}$	$\sim_1$	3			468	1000			4	1	20		RECEPT SERVERY 4309
RECEPT SERVERY 4	309		20	1	5					720	0	6	1	20		SPARE
RECEPT CLASSROO	M 4480 GF	CI,AFCI	20	1	7	900	540					8	1	20	GFCI,AFCI	RECEPT OTHER THERAPY 4433
RECEPT 4481, 4331,		,	20	1	9			900	1080			10	1		,	RECEPT SHOE ROOM 4327
RECEPT CHART 444	· · · · · · · · · · · · · · · · · · ·		20	1	11					900	540	12	1			RECEPT GM 4443, LD 4490, 4443
RECEPT OFFICE 446	·		20	1	13	1080	1440			000	0.10	14	1	20	0.01,7 0.1	RECEPT TEAM ROOM 4461
RECEPT CLASSROO		CI,AFCI	20	1	15	1000	1110	720	1080			16	1		GECLAFOL	RECEPT OB 4498C, 4496, CR 44
RECEPT WORKROOI		01,7 (1 01	20	1	17			720	1000	720	540	18	1	20	01 01,711 01	RECEPT MOTHER 4448, MED 44
RECEPT LOUNGE 44			20	1	19	720	800			720	040	20	1	20		RECEPT STAFF LOUNGE 4463
RECEPT CHARTING	· · · · · · · · · · · · · · · · · · ·		20	1	21	120	000	1080	360			22	1		GECLAECI	RECEPT GROUP THERAPY 4434
RECEPT OUT DINING			20	1	23			1000	300	360	1000	24	1	20	OI OI,AI OI	RECEPT GYM-1 4328-1
RECEPT STOR 4326	J-2 4J22D-2		20	1	25	360	360			300	1000	26	1	20		RECEPT OUTDOOR PLAY 4329
RECEPT RM STC-104	1 4222P 1 CE	CI,AFCI	20	1	27	300	300	720	360			28		$\frac{20}{20}$	~~~~	RECEPT MEDICATION 4470
RECEPT RIVISTO-104	11, 4322B-1 GF	CI,AFCI	20	1	29			720	300		360	30	} -	20		
SPARE			20	1	31	0	0				300	32	Y		ww	RECEPT MEDICATION 4470 SPARE
SPARE			20	1	33	U	0	0	0			34	1	20		SPARE
SPARE			20	1	35			U	U	0	0	36	1	20		SPARE
SPARE			20	1	37	0	0			U	U	38	1	20		SPARE
SPARE			20	1		U	0	0	_			40	1	20		SPARE
				1	39			0	0		_	_	1			
SPARE LOAD TYPE	CONNECTED	DE	20 <b>EMAND</b>	1	41 <b>DEMA</b>	ND				0	0	42	1	20		SPARE
RECEPT	18180		77.50%		1409										PAI	NEL TOTALS
LIGHTING	468		25.00%		585										1	15675 <b>EMD</b>
MISC	0		0.00%	,	000	<u>'</u>										19648 TOTAL VA
KITCHEN	1000		00.00%	)	100	0									<u> </u>	44 MIN. FEEDER AMPS
MTR/HTR	0		0.00%		0											
NONCONC	0		0.00%		0											
HOTEL	0		0.00%		0		1									
ELEV	0		0.00%		0		1									
EM ELEV	0		0.00%		0											
EM EQUIP	0		0.00%		0		1									
EV CHARGER	0		0.00%		0		1									
CUSTOM1	0		0.00%		0											
CUSTOM2	0		0.00%		0		1									

٨					
<u>/29</u>					
	PAI	NEL KEY			
	1MSBNHA	1MSBNHB	1NH.	Α	1NLA
	1NLB		3NH.	A	3NLA
	3NLB		4NH.	Α	4NLA
·					
	1MSBNHA 1NLB		3NH.	A	3NLA

© COPYRIGHT 2022 Permission to reproduce all or part of this drawing is hereby granted solely for the limited purpose of construction of this project or archiving. Unauthorized copying, disclosure or construction use without written permission of Alvine

Engineering is prohibited by copyright law. DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS and clearances from ARCHITECTURAL, STRUCTURAL, shop and other appropriate drawing or at site. Lay out and coordinate all work prior to installation to provide clearances required for operation, maintenance, and codes and verify non-interference with other work. DO NOT FABRICATE PRIOR TO VERIFICATION OF CLEARANCE FOR ALL TRADES. READ SPECIFICATIONS.

CONSTRUCTION DOCUMENT BID SET 31 JULY 2023 Drawing Title:

Oklahoma

Children's Hospital.
Behavioral Health Center

Oklahoma Children's Hospital OU Health

Behavioral Health Center

960 NE 13th Street Oklahoma City, OK 73104

**BOCKUS PAYNE** 

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116

www.bockus-payne.com

50 Fountain Plaza Suite 200 Buffalo, NY 14202 P: 716.773.6800 F: 716.773.5909

www.cannondesign.com

Alvine Engineering MEP Engineer 1001 W. Wilshire, Suite 102 Oklahoma City, OK 73116 405.936.3480

Kimley-Horn Structural Engineer 6160 Warren Parkway, Suite 210 Frisco, TX 75034 972.335.3580 OK FIRM #CA 2740 PE 2023 ©

**Kimley-Horn** Civil Engineer 4727 Gaillardia Parkway, Suite 250

Oklahoma City, OK 73142 405.241.5423 OK FIRM #CA 2740 PE 2023 ©

C.A. NO. 842 EXPIRES 30/JUNE/2026 09/26/2024

08/18/2023 12/01/2023

09/26/2024

Rev. Description

1 Addendum 1

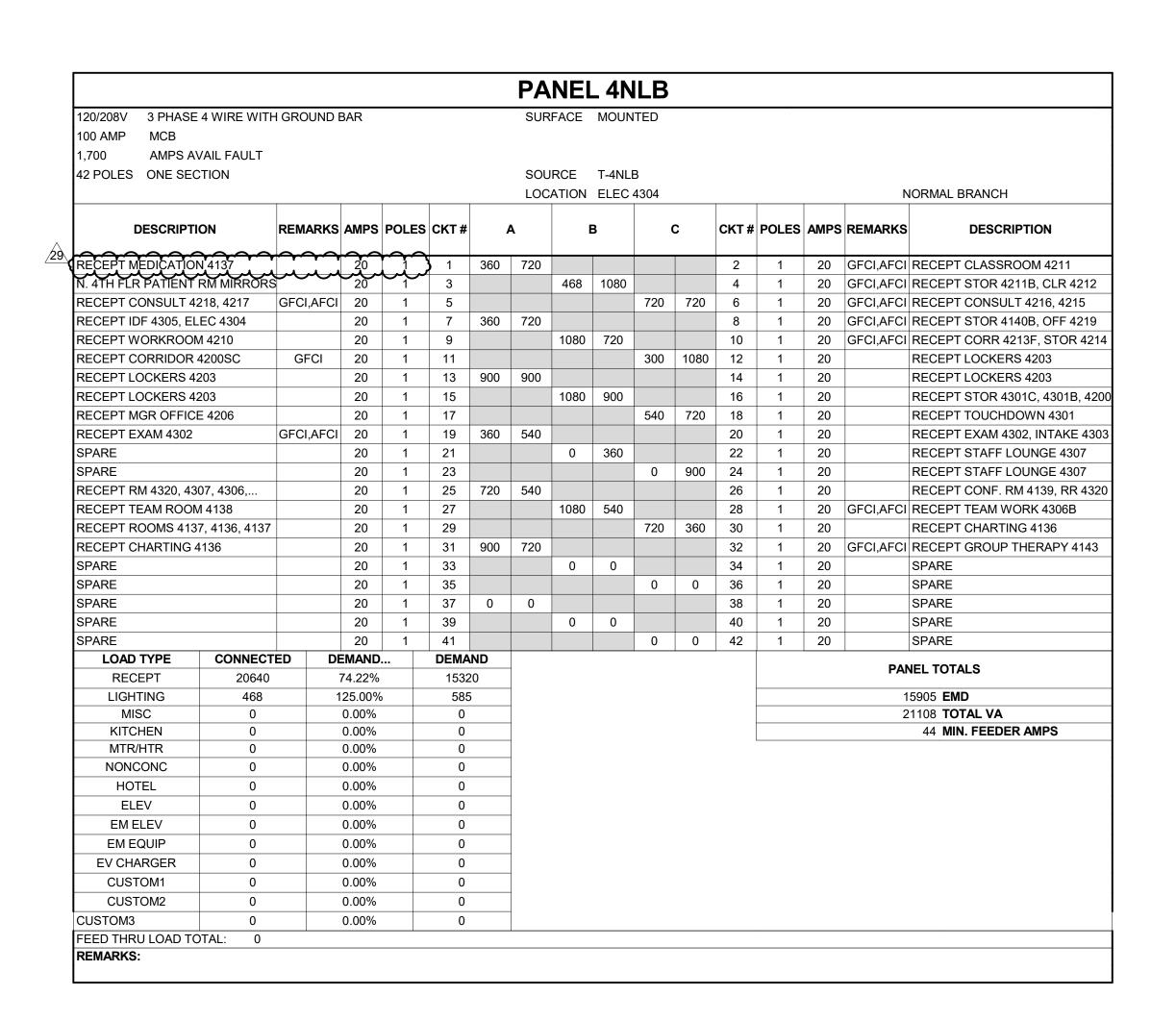
8 VE Revision 1 29 PR-12

> **ELECTRICAL PANEL SCHEDULES**

Project No.: 006676.00 Checked by: Checker

© 2019 The Cannon Corporation

© 2019 The Cannon Corporation
All rights reserved. No part of this document may
be reproduced or utilized in any form, without prior
written authorization by The Cannon Corporation.
9/26/2024 8:32:42 PM



						PA	NEL	<sub>-</sub> 5N	<b>IHA</b>						
480/277V 3 PHASE 4 WIRE WI	H GROUND	BAR				SUR	FACE	MOUN	ITED			:			
100 AMP MLO															
18,100 AMPS AVAIL FAULT															
30 POLES ONE SECTION								PBW-I							
			T			LOC	ATION	ELEC	5332					<u> </u>	NORMAL BRANCH
DESCRIPTION	REMARKS	AMPS	POLES	CKT#	4	A	E	3		С	CKT#	POLES	AMPS	REMARKS	DESCRIPTION
T-5NLA		45	3	1	5500	7320					2	3	45		T-5NLB
				3			5948	7128			4				
				5					6300	7380	6				
5TH FLR MECH, CORR, WAIT LTO	i	20	1	7	389	588					8	1	20		LIGHTING
LIGHTING		20	1	9			1458	588			10	1	20		LIGHTING
LIGHTING		20	1	11					637	0	12	1	20		LIGHTING Space 4328J
				13							14				
				15							16				
				17							18				
				19							20				
				21							22				
				23							24				
				25							26				
SPARE		20	1	27			0	0			28	1	20		SPARE
SPARE		20	1	29					0	0	30	1	20		SPARE
LOAD TYPE CONNEC	TED D	EMAND	)	DEMA	ND						•			DAI	NEL TOTALS
RECEPT 3764	)	63.28%		2382	20									FAI	NEL TOTALS
LIGHTING 4596	,	125.00%	ó	574	5										30565 <b>EMD</b>
MISC 0		0.00%		0										4	13236 TOTAL VA
KITCHEN 1000		100.00%		100											37 MIN. FEEDER AMPS
MTR/HTR 0		0.00%		0											
NONCONC 0		0.00%		0											
HOTEL 0		0.00%		0											
ELEV 0		0.00%		0											
EM ELEV 0		0.00%		0											
EM EQUIP 0		0.00%		0											
EV CHARGER 0		0.00%		0		-									
CUSTOM1 0		0.00%		0											
CUSTOM2 0		0.00%		0											
CUSTOM3 0		0.00%		0											
FEED THRU LOAD TOTAL: 0															

100 AMP MCB	4 WIRE WITH	I GROUND I	BAR					NEL FACE								
1,700 AMPS A 42 POLES ONE SE	VAIL FAULT							IRCE ATION	T-5NLI ELEC	_					N	NORMAL BRANCH
DESCRIPT	ION	REMARKS	AMPS	POLES	CKT#	A	4	E	3	C	;	CKT#	POLES	AMPS	REMARKS	DESCRIPTION
RECEPT MEDICATIO	N 5137	~~	20		1	360	360					2	1	20	BASE BID	RECEPT IDF 5305, ELEC 5304
N. 5TH FLR PATIENT	RM MIRRORS	BASE BID	20	$\sim_1$	3			468	720			4	1	20	GFCI,AFCI	RECEPT CLASSROOM 5211
RECEPT WORKROO	M 5210		20	1	5					1080	1260	6	1	20	GFCI,AFCI	RECEPT CR 5212, STOR 5211B
RECEPT STOR 5214	, CORR 5213F	GFCI,AFCI	20	1	7	720	720					8	1	20	GFCI,AFCI	RECEPT CORR 5215, CON 5216
RECEPT CONSULT 5	218, 5217	GFCI,AFCI	20	1	9			720	720			10	1	20	GFCI,AFCI	RECEPT STOR 5140B, OFF 521
RECEPT GP THER. 5	143, 5142	GFCI,AFCI	20	1	11					720	900	12	1	20		RECEPT CHARTING 5136
RECEPT CHARTING	5136		20	1	13	360	720					14	1	20		RECEPT MEDICATION 5137
RECEPT PROVIDER	ROOM 5138		20	1	15			1080	540			16	1	20	GFCI,AFCI	RECEPT TW 5102B, QUIET 513
RECEPT RR 5320, C	ONF RM 5139		20	1	17					540	720	18	1	20		RECEPT 5307, 5308, WR 5306
RECEPT EXAM 5302	INTAKE 5303	GFCI,AFCI	20	1	19	900	900					20	1	20	GFCI	RECEPT STAFF LOUNGE 5307
RECEPT TOUCHDOV	VN 5301		20	1	21			720	360			22	1	20		RECEPT STAFF LOUNGE 5307
RECEPT MGR OFFIC	E (2) 5206		20	1	23					720	360	24	1	20	GFCI,AFCI	RECEPT EXAM 5302
RECEPT LOCKERS 5	5203		20	1	25	1080	900					26	1	20		RECEPT 5301C, 5301B, 5200
RECEPT LOCKERS 5	203		20	1	27			900	900			28	1	20		RECEPT LOCKERS 5203
SPARE			20	1	29					0	1080	30	1	20		RECEPT LOCKERS 5203
SPARE			20	1	31	0	300					32	1	20	GFCI	RECEPT CORRIDOR EWC
SPARE			20	1	33			0	0			34	1	20		SPARE
SPARE			20	1	35					0	0	36	1	20		SPARE
SPARE			20	1	37	0	0					38	1	20		SPARE
SPARE			20	1	39			0	0			40	1	20		SPARE
SPARE			20	1	41					0	0	42	1	20		SPARE
RECEPT	21360		<b>EMAND</b> 73.41%		<b>DEMA</b>										PAI	NEL TOTALS
LIGHTING	468		25.00%		585										1	6265 <b>EMD</b>
MISC	0		0.00%	,	0	,										21828 <b>TOTAL VA</b>
KITCHEN	0		0.00%		0											45 MIN. FEEDER AMPS
MTR/HTR	0		0.00%		0											
NONCONC	0		0.00%		0											
HOTEL	0		0.00%		0											
ELEV	0		0.00%		0											
EM ELEV	0		0.00%		0											
EM EQUIP	0		0.00%		0											
EV CHARGER	0		0.00%		0											
CUSTOM1	0		0.00%		0											
CUSTOM2	0		0.00%		0											
CUSTOM3	0		0.00%		0											
FEED THRU LOAD TO							1									

480/277V 3 PHASE	4 WIRE WITH	I GROUND I	BAR				SUR	FACE	MOUN	TED						
250 AMP MLO																
19,400 AMPS A	VAIL FAULT															
30 POLES ONE SE	CTION						SOU	RCE	PBW-N	I						
							LOC	ATION	ELEC (	3332					N	IORMAL BRANCH
DESCRIPT	ION	REMARKS	AMPS	POLES	CKT#	,	A	E	3	C	;	CKT#	POLES	AMPS	REMARKS	DESCRIPTION
T-6NLA			45	3	1	8380	19228					2	3	70		T-6NLB
					3			4320	21400			4				
<b></b>					5					5366	19119	6				
6TH FLOOR NW LTG			20	1	7	1921	2149					8	1	20		6TH FLOOR NE LTG
AHU-6B1			70	3	9			17174	1911			10	1	20		LIGHTING
		-			11					17174		12				
					13	17174						14				
					15							16				
					17							18				
					19							20				
					21							22				
					23							24				
					25							26				
SPARE			20	1	27			0	0			28	1	20		SPARE
SPARE			20	1	29					0	0	30	1	20		SPARE
LOAD TYPE	CONNECT		EMAND.		DEMA										ΡΔΝ	NEL TOTALS
RECEPT	67280		57.43%		3864											
LIGHTING	5981		25.00%		747											0152 <b>EMD</b>
MISC	1533		00.00%		153							-			13	5316 TOTAL VA
KITCHEN MTR/HTR	9000 51522		90.00% 25.00%		8100 6440											145 MIN. FEEDER AMPS
NONCONC	0		0.00%		0440	,,,										
HOTEL	0		0.00%	_	0											
ELEV	0		0.00%		0											
EM ELEV	0		0.00%		0											
EM EQUIP	0		0.00%		0											
EV CHARGER	0		0.00%		0											
CUSTOM1	0		0.00%		0											
CUSTOM2	0		0.00%		0											
CUSTOM3	0		0.00%		0											
FEED THRU LOAD TO			2.3070				I									

							PA	NEI	L 6N	ILA						
120/208V 3 PHASE	4 WIRE WITH	I GROUND	BAR						MOUN				-			
100 AMP MCB																
1,900 AMPS A	VAIL FAULT															
42 POLES ONE SEC	CTION						SOU	JRCE	T-6NL	А						
							LOC	ATION	ELEC (	6332						NORMAL BRANCH
DESCRIPT	ION	REMARKS	AMPS F	POLES	S CKT#	,	A	F	В	(	3	CKT#	POLES	AMPS	REMARKS	DESCRIPTION
RECEPT SERVERY 6	309		20	1	1	900	1000					2	1	20		RECEPT SERVERY 6309
RECEPT IDF 6334, EL	EC 6332		20	1	3			360	360			4	1	20	GFCI,AFCI	RECEPT DINING (16-20) 6322
RECEPT 6334, 6308,	6401, 6402		20	1	5					900	1200	6	1	20	GFCI	RECEPT STAFF LOUNGE 6331
RECEPT STAFF LOU	NGE 6331		20	1	7	1800	720					8	1	20		RECEPT STAFF LOUNGE 6331
RECEPT LOUNGE 63	31, DEN 6333		20	1	9			900	900			10	1	20		RECEPT LOUNGE 6331, RR 633
RECEPT SHARED OF	FICE 6480		20	1	11					1080	566	12	1	20		ZEN DEN 6333
RECEPT SHARED OF	FICE 6480		20	1	13	1080	1440					14	1	20		RECEPT SHARED OFFICE 6480
RECEPT SHARED OF	FICE 6480		20	1	15			900	900			16	1	20		RECEPT SHARED OFFICE 6480
RECEPT SHARED OF			20	1	17					900	720	18	1	20		RECEPT SHARED OFFICE 6480
RECEPT ROOF			20	1	19	540	900					20	1	20		RECEPT SHARED OFFICE 6480
<u> </u>			$\Box$		21							22	+			
			$\Box$		23							24	+ +			
					25							26	+ +		-	
					27							28	+		-	
					29							30	+			
SPARE			20	1	31	0	0					32	1	20		SPARE
SPARE			20	<u>'</u> 1	33		<u> </u>	0	0			34	1	20		SPARE
SPARE			20	<u>'</u> 	35					0	0	36	1	20		SPARE
SPARE			20	1	37	0	0			0		38	1	20	<del> </del>	SPARE
SPARE			20	<u>'</u>	39			0	0			40	1	20	<del> </del>	SPARE
SPARE			20	1	41			U	U	0	0	42	1	20		SPARE
LOAD TYPE	CONNECTE	FD DI	EMAND		DEMA	ND				U	U	74	<u>'</u>			SPAIL
RECEPT	16500		80.30%		1325		-								PAN	NEL TOTALS
LIGHTING	0		0.00%	+	0		+								1	14816 <b>EMD</b>
MISC	566		100.00%		566		1									18066 TOTAL VA
KITCHEN	1000		100.00%		1000		1									41 MIN. FEEDER AMPS
MTR/HTR	0		0.00%		0		1									
NONCONC	0		0.00%		0		1									
HOTEL	0		0.00%		0		1									
ELEV	0		0.00%		0		1									
EM ELEV	0		0.00%		0		1									
EM EQUIP	0		0.00%		0		1									
EV CHARGER	0		0.00%		0		-									
CUSTOM1	0		0.00%	+	0		+									
CUSTOM2	0		0.00%	+	0		+									
000.0			0.0070				_									

© 2019 The Cannon Corporation All rights reserved. No part of this document may be reproduced or utilized in any form, without prior written authorization by The Cannon Corporation.

50 AMP MCB	4 WIRE WITH	I GROUND	BAR		SU	IRFACE MOUI	NTED		,			
2 POLES ONE SEC			ı			OURCE T-1NL		STC-208			CAFE	TENANT PANEL
DESCRIPT	ION	REMARKS	AMPS	POLES CKT#	A	В	С	СК	F# POLES	AMPS	REMARKS	DESCRIPTION
				1				2				
				3				4				
				5				6				
				7				8				
				9 11				10				
				13				14				
				15				12				
				17				18				
				19				20				
				21				22				
				23				24				
				25				20				
				27				28				
				29				30				
				31				32	2			
				33				34	1			
				35				36	3			
				37				38	3			
				39				40	)			
				41				42	2			
LOAD TYPE	CONNECT		EMAND	DEMAN	ס						ΡΔΝ	EL TOTALS
RECEPT	0		0.00%	0								
LIGHTING	0		0.00%	0								0 <b>EMD</b>
MISC	0		0.00%	0								0 TOTAL VA
KITCHEN MTR/HTR	0		0.00%	0								0 MIN. FEEDER AMPS
NONCONC	0		0.00%	0								
HOTEL	0		0.00%	0								
ELEV	0		0.00%	0								
EM ELEV	0		0.00%	0								
EM EQUIP	0		0.00%	0								
EV CHARGER	0		0.00%	0								
CUSTOM1	0		0.00%	0								
CUSTOM2	0		0.00%	0								
USTOM3	0		0.00%	0								
EED THRU LOAD TO												

120/208V 3 PHAS	E 4 WIRE WITH	I GROUND	BAR				SUR	FACE	MOUN	ITED			:			
100 AMP MCB																
1,900 AMPS A	AVAIL FAULT															
42 POLES ONE SE	CTION						SOU	RCE	T-5NL	A						
							LOC	ATION	ELEC	5332					١	NORMAL BRANCH
DESCRIPT	ΓΙΟΝ	REMARKS	AMPS	POLES	CKT#	,	A	E	3	(	;	CKT#	POLES	AMPS	REMARKS	DESCRIPTION
					1		1000					2	1	20		KITCHEN SERVERY 5309
S. 5TH FLR PATIENT	RM MIRRORS		20	1	3		1000	468	720			4	1	20		RECEPT SERVERY 5309
RECEPT IDF 5334, E		BASE BID	20	1	5			100	. 20	360	720	6	1	20		RECEPT 5331, 5333, 5481, 533
RECEPT CONSULT		GFCI,AFCI		1	7	720	900			330		8	1		GFCI.AFCI	RECEPT OFF 5326, CONST 54
RECEPT CLASSROO		GFCI,AFCI		1	9	. 20	000	900	900			10	1	20	0. 0.,, 0.	RECEPT CHARTING 5441, CL
RECEPT OFFICE 544		2. 3.,, 11 31	20	1	11			300	330	1080	540	12	1		GECLAFOL	RECEPT OTHER THERAPY 54
RECEPT OFFICE 546			20	1	13	1080	360			. 550	3.0	14	1			RECEPT CONS 5496, LAUN 54
RECEPT OBSERV 54		GECLAECI		1	15	1000	000	900	720			16	1			RECEPT CLASSROOM 5498
RECEPT WORKROC		01 01,7 11 01	20	1	17				120	720	1080	18	1	20	01 01,7 11 01	RECEPT CHARTING 5466
RECEPT GROUP TH		GFCI,AFCI		1	19	360	720			120	1000	20	1	20		RECEPT STAFF LOUNGE 5463
RECEPT STAFF LOU		01 01,711 01	20	1	21		120	800	540			22	1	20		RECEPT MED 5470, MR 5449
RECEPT MULTI/TEA			20	1	23			000	040	1440	360	24 (		$\frac{20}{20}$	$\sim$	RECEPT MEDICATION 5470
TREGET T WOLTHTEA	IVI 1 (IVI 5 + 6 1		20	<b>'</b>	25		360			1440	300	26	1	20		RECEPT MEDICATION 5470
					27		300					28	Y.	ٽئر	$\overline{}$	
					29							30				
SPARE			20	1	31	0	0					32	1	20		SPARE
SPARE			20	1	33		U	0	0			34	1	20		SPARE
SPARE			20	1	35			0	U	0	0	36	1	20		SPARE
SPARE			20	1	37	0	0					38	1	20		SPARE
SPARE			20	1	39		U	0	0			40	1	20		SPARE
SPARE			20	1	41					0	0	42	1	20		SPARE
LOAD TYPE	CONNECT	FD D	EMAND	, ,	DEMA	ND						72	'	20		OF AIRE
RECEPT	16280		80.71%		1314										PAI	NEL TOTALS
LIGHTING	468		125.00%		585										1	4725 <b>EMD</b>
MISC	0		0.00%		0											7748 <b>TOTAL VA</b>
KITCHEN	1000		100.00%		1000	)										41 MIN. FEEDER AMPS
MTR/HTR	0		0.00%		0											
NONCONC	0		0.00%		0											
HOTEL	0		0.00%		0											
ELEV	0		0.00%		0											
EM ELEV	0		0.00%		0											
EM EQUIP	0		0.00%		0											
EV CHARGER	0		0.00%		0											
CUSTOM1	0		0.00%		0											
CUSTOM2	0		0.00%		0											
CUSTOM3	0		0.00%		0											
FEED THRU LOAD T			J.JU /0		- 0											

							ra		_ 6N	LĎ						
120/208V 3 PHASE 4	4 WIRE WITH	GROUND E	BAR				SUR	FACE	MOUN	TED						
150 AMP MCB		0.100.12														
	AU															
3,000 AMPS AV	AIL FAULT															
84 POLES ONE SECT	ΓΙΟΝ						SOU	RCE	T-6NLE	3						
							LOC	ATION	ELEC (	6104					N	IORMAL BRANCH
DESCRIPTION	NA I	REMARKS	AMDS	DOL E	CKT#		A		3	C		CKT#	DOI ES	AMDS	REMARKS	DESCRIPTION
DESCRIPTIO	'N	KEWIAKKS	AIVIFS	POLE	S CKI #	4	н.	_ <b>-</b>	•		,	CKI#	FULES	AIVIFS	KEWAKKS	DESCRIPTION
							1			i						
					1		360					2	1	20		RECEPT IDF 6105, ELEC 6104
					3				360			4	1	20		RECEPT KITCHEN 6308
RECEPT KITCHEN 630	8		20	1	5					800	540	6	1	20		RECEPT KITCHEN 6308
RECEPT KITCHEN 630	8		20	1	7	360	4000					8	2	50		KITCHEN 6308 RANGE/OVEN
		CECL AECL		1	9	000	7000	1000	4000			10				TATION COOK TO A VOLVE
RECEPT EXP THERAP		GFCI,AFCI	20					1260	4000			-				
RECEPT EXP THERAP	Y CR 6172	GFCI,AFCI	20	1	11					1080	499	12	1	20		CONSULT / QUIET 6157
QUIET 6143			20	1	13	468						14				
RECEPT EAT YOGA / N	//USIC 6174	GFCI,AFCI	20	1	15			1440	1440			16	1	20	GFCI,AFCI	RECEPT 6170SC, LOUNGE 6175
RECEPT EXAM 6107, F	RR 6106	GFCI,AFCI	20	1	17					1260	360	18	1	20	GECLAFCI	RECEPT EXAM 6107
RECEPT STAFF WORK		,, .: 01	20	1	19	360	1260					20	1	20	2., 01	RECEPT STAFF WORK 6102
				-	-	300	1200	000	700				•		0501 450:	
RECEPT 6110SC, 6131			20	1	21			900	720			22	1		· ·	RECEPT CONF 6100B, 6203, 6202
RECEPT MECH 6090, V	VAIT 6200		20	1	23					1260	180	24	1	20	GFCI	RECEPT ELEV LOBBY 6200SC
RECEPT ELEV LOBBY	6200SC		20	1	25	540	900					26	1	20		RECEPT DISC/ RECEPT 6100
RECEPT ELEV LOBBY			20	1	27			540	1200			28	1	20		RECEPT NOURISH 6110
				-				3 +0	.200	1000	000		1			
RECEPT DISC/ RECEP			20	1	29					1080	900	30	•	20		RECEPT WORK/OBS 6110C
RECEPT ST 6103, PLA			20	1	31	900	1260					32	1	20		RECEPT PROGRAM MGRS 6168
RECEPT WORK/OBS 6	110B		20	1	33			900	1080			34	1	20		RECEPT MEETING ROOM 6164
RECEPT CONSULT 61	71	GFCI,AFCI	20	1	35					1080	1440	36	1	20		RECEPT PSYCH OFFICE 6162
RECEPT SW OFFICE 6		,	20	1	37	900	1080					38	1	20		RECEPT SW OFFICE 6154
				1		300	1000	000	4000				•			
RECEPT RN MGR 6166			20	'	39			900	1080			40	1	20		RECEPT SW OFFICE 6152
RECEPT MEETING RO	OM 6164		20	1	41					1440	1260	42	1	20	GFCI,AFCI	RECEPT 6142, 6114, 6138B, 6145
RECEPT CASE MGRS	6160		20	1	43	1440	1440					44	1	20	GFCI,AFCI	RECEPT DAY GROUP ROOM 6144
RECEPT CORR 6154S	C, LR 6150	GFCI,AFCI	20	1	45			1080	1440			46	1	20	GFCI,AFCI	RECEPT DAY GROUP ROOM 6142
RECEPT DAY GROUP	ROOM 6146	GFCI.AFCI	20	1	47					1440	1260	48	1	20		RECEPT EDUCATORS WR 6140
RECEPT OP MED DIRE		0. 0., 0.	20	1	49	900	900				1200	50	1		GECL AECL	RECEPT CONSULT 6141
		0501 4501		-	_	900	900	700	1000				•		GFCI,AFCI	
RECEPT TESTING 611		GFCI,AFCI	20	1	51			720	1260			52	1	20		RECEPT CASE MANAGE 6115
RECEPT DAY ASSESS	6114	GFCI,AFCI	20	1	53					720	720	54	1	20	GFCI,AFCI	RECEPT DAY ASSESS 6137
RECEPT NURSES STA	TION 6135		20	1	55	900	1260					56	1	20		RECEPT NURSE STATION 6135
RECEPT MED 6135B P	YXIS		20	1	57			360	720			58	1	20		RECEPT RR 6135, NS 6165
RECEPT MED 6135B, 6	3165, 6111		20	1	59					1080	720	60	1	20		RECEPT ROOF
<u> </u>	,				61							62				
					63							64				
					65							66				
					67							68				
					69							70				
					71							72				
SPARE			20	1	73	0	0					74	1	20		SPARE
SPARE			20	1	75	,		0	0			76	1	20		SPARE
								U	U	^	0		1			
SPARE			20	1	77					0	0	78	1	20		SPARE
SPARE			20	1	79	0	0					80	1	20		SPARE
SPARE			20	1	81			0	0			82	1	20		SPARE
SPARE			20	1	83					0	0	84	1	20		SPARE
LOAD TYPE	CONNECTE	ED DE	MAND		DEMA	ND										
RECEPT	50780		59.85%		3039		1								PAI	NEL TOTALS
LIGHTING			0.00%				-									9357 <b>EMD</b>
	0				0	,	4									
MISC	967		00.00%		967		-								5	9747 TOTAL VA
KITCHEN	8000		00.00%	)	8000	U	1									109 MIN. FEEDER AMPS
MTR/HTR	0		0.00%		0		1									
NONCONC	0		0.00%		0											
HOTEL	0		0.00%		0											
ELEV	0		0.00%		0		1									
							1									
EM ELEV	0		0.00%		0		1									
EM EQUIP	0		0.00%		0		1									
EV CHARGER	0		0.00%		0											
CUSTOM1	0		0.00%		0		1									
CUSTOM2	0		0.00%		0		1									
							-									
	0		0.00%		0											
CUSTOM3 FEED THRU LOAD TO																

PANEL KEY

4NLB 5NHA 5NLA

5NLB 6NHA 6NLB

6NLA 1NLC

TRADES. READ SPECIFICATIONS.

© COPYRIGHT 2022

Permission to reproduce all or part of this drawing is hereby granted solely for the limited purpose of construction of this project or archiving. Unauthorized copying, disclosure or construction use without written permission of Alvine Engineering is prohibited by copyright law.

DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS and clearances from ARCHITECTURAL, STRUCTURAL, shop and other appropriate drawing or at site. Lay out and coordinate all work prior to installation to provide clearances required for operation, maintenance, and codes and verify non-interference with other work. DO NOT FABRICATE PRIOR TO VERIFICATION OF CLEARANCE FOR ALL

Oklahoma Children's Hospital
OU Health
Behavioral Health Center

### **BOCKUS PAYNE**

Children's Hospital.

Behavioral Health Center

Oklahoma

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116 www.bockus-payne.com

960 NE 13th Street

Oklahoma City, OK 73104

# 50 Fountain Plaza Suite 200 Buffalo, NY 14202

P: 716.773.6800
F: 716.773.5909

www.cannondesign.com

Alvine Engineering
MEP Engineer
1001 W. Wilshire, Suite 102
Oklahoma City, OK 73116
405.936.3480

Kimley-Horn

Structural Engineer

6160 Warren Parkway, Suite 210 Frisco, TX 75034

972.335.3580

OK FIRM #CA 2740 PE

2023 ©

Kimley-Horn
Civil Engineer

4727 Gaillardia Parkway, Suite 250
Oklahoma City, OK 73142

405.241.5423
OK FIRM #CA 2740 PE

ALVINE
Engineering

Class Street
Indo, NE 68102
Ine: (402) 346-7007

Lincoln: 1220 Lincoln Mall, Suite 200
Lincoln, NE 68508
Phone: (402) 477-6161

Phone: (405) 936-3480

Des Moines: 400 East Court Avenue, St. Phone: (405) 936-3480

Des Moines: 400 East Court Avenue, St. Phone: (405) 936-3480

C.A. NO. 842 EXPIRES 30/JUNE/2026 09/26/2024

08/18/2023

Rev. Description

1 Addendum 1
29 PR-12

CONSTRUCTION DOCUMENT BID SET 31 JULY 2023

Drawing Title:

ELECTRICAL PANEL

Project No.: 006676.00 Checked by: Checker

E0711

									L 4C							
	WIRE WITH	H GROUND E	BAR				SUR	KFACE	MOUN	ITED						
225 AMP MCB 5,600 AMPS AV							201	IDOE	T 401	•						
120 POLES TWO SEC	CTIONS			Γ		Γ			T-4CL/						С	RITICAL BRANCH
DESCRIPTIO	N	REMARKS	AMPS	POLES	CKT#	1	A	ı	В	(		скт#	POLES	AMPS	REMARKS	DESCRIPTION
RECEPT IDF 3334			20	1	1	500	500					2	1	20		RECEPT IDF 3334
RECEPT IDF 3334, ELE	C 3332		20	1	3			540	360			4	1	20		RECEPT IDF 3334
RECEPT IDF 4334			20	1	5					500	360	6	1	20		RECEPT IDF 4334
RECEPT IDF 4334			20	1	7	360	500					8	1	20		RECEPT IDF 4334
RECEPT IDF 4334	-0.4000		20	1	9			360	500	540	F.40	10	1	20		RECEPT IDF 4334
RECEPT IDF 4334, ELE RECEPT SERVERY 430			20	1	11	1000	532			540	540	12 14	1	20		RECEPT IDF 4334 RECEPT SERV. 4309 - ITEM 40
RECEPT SERVERT 430 RECEPT SERV. 4309 -			20	1	15	1000	332	532	840			16	1	20	GECL CB	RECEPT SERVERY 4309
RECEPT SERV. 4309 -		GFCI CB	20	1	17			332	040	1236	1800	18	<u>'</u>	20	OI OI OB	RECEPT SERV. 4309 - ITEM 41
RECEPT SERV. 4309 -		0. 0. 02	20	1	19	1608	2523					20	2	30	GFCI CB	FB SERVERY 4309 - ITEM 415-
RECEPT SERV. 4309, I	TEM		20	2	21			1020	2523			22				
					23					1020	720	24	1	20	GFCI,AFCI	RECEPT HSKP 4330, COR 433
RECEPT CORR 4481S0		GFCI,AFCI	20	1	25	900	900					26	1	20		RECEPT 4326SC, RR 4325, 432
RECEPT CLASSROOM		GFCI,AFCI	20	1	27			720	900			28	1	20	GFCI,AFCI	RECEPT WOW 4430
RECEPT Room 4480, 4		GFCI,AFCI	20	1	29	400	4000			1260	1440	30	1	20	050: : = =	RECEPT EQUIP/STOR 4485
COMFORT SENSORY 4 RECEPT NOURISH STA		GEOLATOL	20	1	31	468	1080	300	1000			32 34	1	20	-	RECEPT Room 4443C, 4443D RECEPT NOURISH STATION 4
RECEPT NOURISH STA		GFCI,AFCI	20	1	33 35			300	1000	720	468	36	1 1	20	GFCI,AFCI	QUIET ROOM EXPERIENCE 44
RECEPT OTHER THER RECEPT OTHER THER		GFCI,AFCI	20	1	35	900	720			120	400	36	1	20	GECI AFCI	RECEPT 4409SC, WOW 4439
RECEPT OTHER THER RECEPT 4408SC, 4407			20	1	39	300	120	900	720			40	1	20	JI OI,AFUI	RECEPT 4409SC, WOW 4439
RECEPT CHART 4441,		S. 31,731 OI	20	1	41			330	, 20	1080	360	42	<u>'</u> 1	20		RECEPT CORRIDOR 4461SC
COMFORT SENSORY			20	1	43	468	1000			.555	330	44	2	30		RECEPT PATIENT LAUNDRY 4
RECEPT PATIENT LAU			20	1	45			180	1000			46				
P-TUBE			20	1	47					1200	720	48	1	20		RECEPT MGR OFFICE (2) 4460
RECEPT CASE MGRS	` ,		20	1	49	720	900					50	1	20		RECEPT TR 4461, MOTHER 44
RECEPT TEAM ROOM	4461		20	1	51			1080	720			52	1	20		RECEPT MEDICATION 4470
QUIET ROOM 4436	-DV 4000		20	1	53	4000	4500			438	360	54	1	20	050:	RECEPT PYXIS MEDICATION 4
COILING DOOR SERVE RECEPT COPY REFRIC		GFCI	20	1	55 57	1000	1500	1500	1000			56 58	1	20	GFCI	RECEPT COPY REFRIG 4463B
RECEPT COPY COPIE		GFCI	20	1	59			1500	1000	1800	1200	60	1	20	GFCI	RECEPT COPY MICRO 4463B
RECEPT Room 4463, 44			20	1	61	1080	720			1000	1200	62	<u>'</u>	20		RECEPT OBSERV 4498C
RECEPT CLASSROOM		GFCI,AFCI	20	1	63			900	720			64	1	20	,	RECEPT Room 4496, 4498
RECEPT EDUCATORS	WR 4498B		20	1	65					720	720	66	1	20		RECEPT CHART 4466, WR 449
RECEPT CHARTING 44			20	1	67	720	1440					68	1	20	GFCI,AFCI	RECEPT 4417SC, 4451C, 4410
RECEPT GROUP THER		GFCI,AFCI	20	1	69			1260	180			70	1	20	0=5: ::	MISC MECH 4090
RECEPT PATIENT 440° RECEPT PATIENT 440°		GFCI,AFCI	20	1	71 73	1420	1420			1420	1420	72 74	1	20	-	RECEPT PATIENT 4403, 4404 RECEPT PATIENT 4407, 4408
RECEPT PATIENT 4403		GFCI,AFCI	20	1	75	1420	1420	1420	1420			76	<u>'</u> 1	20	-	RECEPT PATIENT 4407, 4408
RECEPT PATIENT 4413		GFCI,AFCI	20	1	77			1420	1420	1420	1420	78	<u>'</u>	20		RECEPT PATIENT 4415, 4416
RECEPT PATIENT 4417		GFCI,AFCI	20	1	79	1420	1000					80	1	20	-	RECEPT NOURISH STA. 4436E
RECEPT NOURISH STA	ATION	GFCI,AFCI	20	1	81			300	300			82	1	20		SHOE ROOM 4327 FIRE DOOR
RECEPT EQUIP/STOR	4485		20	1	83					1440		84				
					85							86				
					87							88				
					89							90				
					91 93							92 94				
					95							96				
					97							98				
					99							100				
					101							102				
SPARE			20	1	103	0	0					104	1	20		SPARE
SPARE			20	1	105			0	0	_	_	106	1	20		SPARE
SPARE			20	1	107	0				0	0	108	1	20		SPARE
SPARE SPARE			20	1	109	0	0	0	0			110 112	1 1	20		SPARE SPARE
SPARE SPARE			20	1	113			U	U	0	0	114	1	20		SPARE
SPARE			20	1	115	0	0					116	1	20		SPARE
SPARE			20	1	117	-		0	0			118	1	20		SPARE
SPARE			20	1	119					0	0	120	1	20		SPARE
LOAD TYPE	CONNECT		MAND		DEMA										ΡΔΙ	NEL TOTALS
RECEPT	55160		59.06%		3258		_					-				
LIGHTING	6022		0.00%		602							-				9363 <b>EMD</b>
MISC KITCHEN	6022 14633		00.00% 35.00%		602 951		1					-			/	16815 TOTAL VA 137 MIN. FEEDER AMPS
MTR/HTR	1000		25.00 <i>%</i>		125		1					L				min i ELDLIX AIIII'U
NONCONC	0	-	0.00%		0		1									
HOTEL	0		0.00%		0											
ELEV	0		0.00%		0											
	0		0.00%		0											
EM ELEV	0		0.00%		0											
EM EQUIP				1												
EM EQUIP EV CHARGER	0		0.00%		0											
EM EQUIP EV CHARGER CUSTOM1	0		0.00%		0		-									
EM EQUIP EV CHARGER							-									

							PA	NEL	_ 5C	LB						
120/208V 3 PHASE	4 WIRE WITI	H GROUND	BAR				SUR	FACE	MOUN	ITED						
150 AMP MCB																
3,100 AMPS A	VAIL FAULT															
34 POLES TWO SE	CTIONS						SOU	IRCE	T-5CL	В						
							LOC	ATION	ELEC	5304					С	RITICAL BRANCH
DESCRIPT	ION	REMARKS	AMPS	POLES	CKT#		A	E	В	(	<b>C</b>	CKT#	POLES	AMPS	REMARKS	DESCRIPTION
RECEPT IDF 5305 - R	ACK	BASE BID	20	1	1	500	500					2	1	20	BASE BID	RECEPT IDF 5305 - RACK
RECEPT IDF 5305 - R		BASE BID	20	1	3	300	300	500	500			4	1	20		RECEPT IDF 5305 - RACK
RECEPT IDF 5305 - R		BASE BID	20	1	5			300	300	500	500	6	1			RECEPT IDF 5305 - RACK
	ACK			<u> </u>	-	F40	540			300	500	-	-	20		
RECEPT IDF 5305		BASE BID	20	1	7	540	540					8	1	20		RECEPT ELEC 5304, IDF 5305
RECEPT CLASSROO		GFCI,AFCI		1	9			900	900			10	1	20		RECEPT CLASSROOM 5211
RECEPT WORKROO			20	1	11					1440	720	12	1	20		RECEPT CLASSROOM 5212
RECEPT CLASSROO	M 5212		20	1	13	720	720					14	1	20	GFCI,AFCI	RECEPT CONSULT 5217, 5216
RECEPT OFF 5219, C	ONS 5218	GFCI,AFCI	20	1	15			720	180			16	1	20	GFCI,AFCI	RECEPT LAUNDRY 5140
RECEPT LAUNDRY 5	140	GFCI,AFCI	30	2	17					1000	1080	18	1	20	GFCI,AFCI	RECEPT 5212SC, 5204, 5208, 520
<b></b>					19	1000	900					20	1	20		RECEPT OFFICE 5206, RR 5202
RECEPT HUC 5301B			20	1	21			360	900			22	1	20		RECEPT CLASSROOM 5212
RECEPT HUC 5301B			20	1	23					720	1080	24	1	20		RECEPT TOUCHDOWN 5301
RECEPT EXAM 5302		GFCI,AFCI		1	25	1440	537			120	1000	26	1	20		COMFORT ROOM 5142B
RECEPT EXAM 5302		GFCI,AFCI		1	27	1440	337	360	446			28	1	20		QUIET ROOM 5131
	500000	· ·						360	440	1000	4500					
RECEPT CORRIDOR		GFCI,AFCI		1	29					1080	1500	30	1	20		RECEPT STAFF LOUNGE 5307
RECEPT STAFF LOU			20	1	31	1500	1200					32	1	20	GFCI	RECEPT STAFF LOUNGE 5307
RECEPT STAFF LOU			20	1	33			1800	900			34	1	20	GFCI,AFCI	RECEPT RR 5103SC, 5306, 5130C
RECEPT CONF ROO			20	1	35					1440	1260	36	1	20		RECEPT TEAM ROOM 5138
RECEPT MEDICATIO	N 5137		20	1	37	540	360					38	1	20		RECEPT MEDICATION 5137 PYXI
RECEPT METAL DET	ECTOR		20		39			180	900			40	1	20	GFCI,AFCI	RECEPT CORR 5107SC, 5103SC
RECEPT CHARTING	5136		20		41					900	1800	42	1	20		RECEPT CHARTING 5136 COPY
RECEPT CHARTING	5136		20	1	43	900	1260					44	1	20	GFCI.AFCI	RECEPT CORR 5117SC, 5107SC
RECEPT NOURISH S	TATION 5133	GECLAFCI	20	1	45			1000	300			46	1	20	,	RECEPT NOURISH STATION 5133
	.,				47						360	48	1	20		RECEPT WOW 5135
P-TUBE			20	1	49	600	1260				000	50	1	20		RECEPT GROUP THERAPY 5143
TOBE			20	<u>'</u>	51	000	1200					52	•		01 01,711 01	TREGEL I GROOF THEIR I 0140
RECEPT WAIT 5200,	MECH 5000		20	1	53					900	1420	54	1	20	GECL AECL	RECEPT PAT ROOM 5101, 5102
RECEPT PAT ROOM		GFCI,AFCI		1	55	1420	1420			300	1420	56	1	20		RECEPT PAT ROOM 5105, 5106
RECEPT PAT ROOM		GFCI,AFCI		1	57	1420	1420	1420	1420			58	1	20		RECEPT PAT ROOM 5109, 5110
		· ·		<u> </u>				1420	1420	4.400	4.400		-			<u>'</u>
RECEPT PAT ROOM		GFCI,AFCI		1	59	4.400	1 100			1420	1420	60	1	20		RECEPT PAT ROOM 5113, 5114
RECEPT PAT ROOM	<u> </u>	GFCI,AFCI		1	61	1420	1420					62	1	20	GFCI,AFCI	RECEPT PAT ROOM 5117, 5118
RECEPT EQUIP/ STC	RAGE 5214		20	1	63			900	900			64	1	20		RECEPT EQUIP/ STORAGE 5214
					65							66				
					67							68				
					69							70				
SPARE			20	1	71					0	0	72	1	20		SPARE
SPARE			20	1	73	0	0					74	1	20		SPARE
SPARE			20	1	75			0	0			76	1	20		SPARE
SPARE			20	1	77					0	0	78	1	20		SPARE
SPARE			20	1	79	0	0					80	1	20		SPARE
SPARE			20	1	81			0	0			82	1	20		SPARE
SPARE			20	1	83					0	0	84	1	20		SPARE
LOAD TYPE	CONNECT	ED DI	EMAND	)	DEMA	ND							-			1 3.72
RECEPT	52140		59.59%		3107		_								PA	NEL TOTALS
LIGHTING	0		0.00%		0	-	-								2	35653 <b>EMD</b>
MISC	4583		100.00%	6	458	3										56723 <b>TOTAL VA</b>
KITCHEN	0		0.00%		430	<u> </u>	-									99 MIN. FEEDER AMPS
MTR/HTR	0		0.00%		0											oo maa i eedek ami o
NONCONC	0		0.00%		0		+									
							-									
HOTEL	0		0.00%		0		-									
ELEV	0		0.00%		0											
EM ELEV	0		0.00%		0											
EM EQUIP	0		0.00%		0											
EV CHARGER	0		0.00%		0											
CUSTOM1	0		0.00%		0		-									
CUSTOM2	0		0.00%		0		+									
COS I OIVIZ	U						4									
CUSTOM3	0	l	0.00%		0											

© 2019 The Cannon Corporation
All rights reserved. No part of this document may
be reproduced or utilized in any form, without prior
written authorization by The Cannon Corporation.
9/26/2024 8:32:49 PM

							PA	NEL	_ 4C	LB							
120/208V 3 PHASE	4 WIRE WITH	I GROUND I	BAR				SUR	FACE	MOUN	ITED							
150 AMP MCB																	
3,000 AMPS A\	/AIL FAULT																
84 POLES ONE SEC	TION								T-4CL								
				T		I	LOC	ATION	ELEC	4304		T	CRITICAL BRANCH				
DESCRIPTION	ON	REMARKS	AMPS	POLE	S CKT#	,	A	E	В	(		CKT#	POLES	AMPS	REMARKS	DESCRIPTION	
RECEPT CLASSROOM	Л 4211	GFCI,AFCI	20	1	1	900	900					2	1	20	GFCI,AFCI	RECEPT CLASSROOM 4211	
RECEPT ELEV. CONT	ROL 3335		20	1	3			180	900			4	1	20	GFCI,AFCI	RECEPT CLASSROOM 4212	
RECEPT CONS 4216,	· · · · · · · · · · · · · · · · · · ·	GFCI,AFCI	20	1	5					720	540	6	1	20		RECEPT IDF 3105, ELEC 3104	
RECEPT IDF 3105, EL			20	1	7	540	500					8	1	20		RECEPT IDF 3105 - RACK	
RECEPT IDF 3105 - RA			20	1	9			500	500	500	500	10	1	20		MISC IDF 4305 - RACK	
RECEPT IDF 4305 - RA RECEPT IDF 4305 - RA			20	1	11	500	500			500	500	12 14	1	20		MISC IDF 4305 - RACK MISC IDF 4305 - RACK	
RECEPT IDF 4305 - R			20	1	15	300	300	500	540			16	1	20		RECEPT ELEC 4304, IDF 4305	
RECEPT IDF 4305	TOIT		20	1	17			000	040	540	720	18	1	20	GFCI.AFCI	RECEPT OFF. 4219, CONS. 4218	
RECEPT LAUNDRY 41	140	GFCI,AFCI	20	1	19	1800	2500					20	2	30	· · · · · · · · · · · · · · · · · · ·	RECEPT LAUNDRY 4140	
RECEPT TLT 4202			20	1	21			720	2500			22					
COMFORT ROOM 414	2B		20	1	23					536	439	24	1	20		QUIET ROOM 4131	
RECEPT EQUIP/ STO			20	1	25	900	1080					26	1	20		RECEPT WORKROOM 4210	
RECEPT 4212SC, RR		GFCI,AFCI	20	1	27			1080	900			28	1	20		RECEPT MECH 4090, WAIT 4200	
RECEPT OFFICE 4206	5, RR 4202		20	1	29	200	000			900	720	30	1	20		RECEPT FOUR STORAGE 434	
RECEPT HUC 4301B RECEPT TOUCHDOW	N 4201		20	1	31	360	900	1080	1400			32	1	20	CECL AECI	RECEPT EQUIP/ STORAGE 4214 RECEPT EXAM REFRIG. 4302	
RECEPT TOOCHDOW RECEPT EXAM 4302	IN 430 I	GFCI,AFCI	20	1	35			1000	1400	360	900	36	1	20	GFCI,AFCI	RECEPT EQUIP/ STORAGE 4214	
RECEPT 4303SC, 432	0SC. 4139SC	·	20	1	37	1080	720			300	300	38	1	20		RECEPT CLASSROOM 4212	
RECEPT STAFF LOUN		GFCI	20	1	39	1000	120	1500	1500			40	1	20	GFCI	RECEPT STAFF LOUNGE 4307	
RECEPT STAFF LOUN		GFCI	20	1	41					1200	1800	42	1	20		RECEPT STAFF LOUNGE 4307	
RECEPT CONF. ROOF	M 4139, 4306		20	1	43	1440	900					44	1	20	GFCI,AFCI	RECEPT 4103SC, 4306, RR 4130	
RECEPT TEAM ROOM			20	1	45			900	1260			46		20	GECI,AFCI	RECEPT GROUP THERAPY 414:	
MTR/HTR MECH 4090			20	1	47	1000				600	180	48	لبل	20	ينبني	RECEPT METAL DETECTOR	
RECEPT 4133C, 41173 RECEPT NOURISH ST	•	GFCI,AFCI GFCI,AFCI	20	1	49 51	1260	500	500	900			50 52	1	20		RECEPT NOURISH STATION 413 RECEPT 4103SC, 4107SC, 41100	
RECEPT WOW 4134	ATION 4133	GFCI,AFCI	20	1	53			300	900	360		54	'	20	GFCI,AFCI	RECEPT 410330, 410730, 41100	
RECEPT CHARTING 4	136	J. J., J.	20	1	55	500	760					56	1	20		RECEPT MEDICATION 4137	
RECEPT MEDICATION	N 4137		20	1	57			360				58					
RECEPT CHARTING 4	136		20	1	59					900	900	60	1	20		RECEPT CHARTING 4136	
RECEPT PATIENT 410		GFCI,AFCI	20	1	61	1420	1420					62	1	20	· ·	RECEPT PATIENT 4103,4104	
RECEPT PATIENT 410 RECEPT PATIENT 410		GFCI,AFCI	20	1	63			1420	1420	1420	1420	64	1	20	· · · · · · · · · · · · · · · · · · ·	RECEPT PATIENT 4107,4108 RECEPT PATIENT 4111,4112	
RECEPT PATIENT 410		GFCI,AFCI GFCI,AFCI	20	1	65 67	1420	1420			1420	1420	68	1	20	· · · · · · · · · · · · · · · · · · ·	RECEPT PATIENT 4111,4112	
RECEPT PATIENT 411		GFCI,AFCI	20	1	69	1420	1420	1420	1200			70	1	20	01 01,7 (1 01	CHART 4136 P-TUBE	
SPARE	,	,	20	1	71					0	0	72	1	20		SPARE	
SPARE			20	1	73	0	0					74	1	20		SPARE	
SPARE			20	1	75			0	0			76	1	20		SPARE	
SPARE			20	1	77					0	0	78	1	20		SPARE	
SPARE SPARE			20	1	79 81	0	0	0	0			80 82	1	20		SPARE SPARE	
SPARE			20	1	83			U	U	0	0	84	1	20		SPARE	
LOAD TYPE	CONNECT	ED DI	<u> </u>		DEMA	ND						01	'				
RECEPT	57280		58.73%		3364	10									PA	NEL TOTALS	
LIGHTING	0		0.00%		0										3	89915 <b>EMD</b>	
MISC	6275		00.00%	5	627	5									(	33555 TOTAL VA	
KITCHEN MTR/HTR	0		0.00%		0											111 MIN. FEEDER AMPS	
NONCONC	0		0.00%		0		1										
HOTEL	0		0.00%		0												
ELEV	0		0.00%		0		1										
EM ELEV	0		0.00%		0												
EM EQUIP	0		0.00%		0												
EV CHARGER	0		0.00%		0												
	0		0.00%		0												
CUSTOM1		1	0.000/		0	_											
CUSTOM2	0		0.00%				4										
	0		0.00%		0												

100/000V	//TILL ODOLING	DAD						_ 6C							
20/208V 3 PHASE 4 WIRE W 25 AMP MCB		BAR				SUR	FACE	MOUN	IED						
,800 AMPS AVAIL FAUL 20 POLES TWO SECTIONS	.1							T-6CLA							INPATIENT WING RITICAL BRANCH
DESCRIPTION	REMARKS	AMPS	POLES	CKT#		Ą		В	(	;	CKT#	POLES	AMPS	REMARKS	DESCRIPTION
ECEPT SERVERY 6309		20	1	1	532	532					2	1	20		MISC SERVERY 6309
ECEPT SERVERY 6309		20	1	3			1000	1236			4	1	20		RECEPT SERVERY 6309
RECEPT SERVERY 6309		20	1	5	4000	0.500			840	1800	6	1	20		RECEPT SERVERY 6309
RECEPT SERVERY 6309		20	1	7	1608	2523	4000	0500			8	2	20		RECEPT SERVERY 6309
RECEPT SERVERY 6309		20	2	9			1020	2523	1000	260	10				RECEPT IDF 6334
ECEPT IDF 6334		20	1	11	500	360			1020	360	12 14	1	20		RECEPT IDF 6334
RECEPT IDF 6334		20	1	15	300	300	500	360			16	1	20		RECEPT IDF 6334
RECEPT IDF 6334		20	1	17			300	300	500	540	18	1	20		RECEPT IDF 6334
RECEPT IDF 6334, ELEC 6332		20	1	19	540	1500			000	010	20	1	20		RECEPT STAFF LOUNGE 633
COILING DOOR SERVERY 6309	)	20	1	21			1000	0			22	1	20		SPARE
SPARE		20	1	23					0	0	24	1	20		SPARE
PARE		20	1	25	0	0					26	1	20		SPARE
PARE		20	1	27			0	0			28	1	20		SPARE
SPARE		20	1	29					0		30				
				31							32				
				33							34				
				35							36				
				37							38				
				39							40				
				41							42 44				
				43							44				
				47							48				
				49							50				
				51							52				
				53							54				
				55							56				
				57							58				
				59							60				
				61							62				
				63 65							64 66				
				67							68				
				69							70				
				71							72				
				73							74				
				75							76				
				77							78				
				79							80				
				81							82				
				83							84				
				85 87							86 88				
				89							90				
				91							92				
				93							94				
				95							96				
				97							98				
				99							100				
				101							102				
				103							104				
				105 107							106 108				
		-		107							110				
				111							112				
				113							114				
				115							116				
				117							118				
LOAD TABLE	TOTES -			119	NP						120				
LOAD TYPE CONNE		EMAND		DEMA 516		-								PAN	NEL TOTALS
RECEPT 510		0.00%	)	5160 0	J	-								1	5921 <b>EMD</b>
MISC		0.00%		0		+									0793 <b>TOTAL VA</b>
KITCHEN 146		65.00%		951	1	1									44 MIN. FEEDER AMPS
MTR/HTR 10		125.00%		125		]					ı				-
NONCONC C	)	0.00%		0											
HOTEL 0	)	0.00%		0											
ELEV 0	)	0.00%		0											
EM ELEV C	)	0.00%		0											
EM EQUIP 0		0.00%		0											
		0.00%		0											
EV CHARGER 0						-									
EV CHARGER CUSTOM1 C	)	0.00%		0											
EV CHARGER 0		0.00% 0.00% 0.00%		0 0											

							PA	NEL	_ 5C	LA						
120/208V 3 PHASE	4 WIRE WITH	I CBOLIND I	BVD						MOUN							
225 AMP MCB	+ VVIRE VVIII	I GROUND I	DAK				SUR	FACE	MOON	IED						
	AIL FAULT															
120 POLES TWO SE							SOLI	IRCE	T-5CL	Δ						
120 FOLLS TWO SE	JIIONS								ELEC						C	RITICAL BRANCH
							LUC	TION	ELEC	0332						RITICAL BRANCH
DESCRIPTION	NA I	REMARKS	AMDO	DOI ES	CKT#		4	١.	В	C	•	CKT#	POLES AN	IDC DEMAI	DVC	DESCRIPTION
DESCRIP IIC	/I <b>N</b>	INLIVIAINIO	AIVIFS	FOLLS	CICI #	,	٦.	·			•	CRI#	FOLLS A	IF 3 KLIVIAI	KKS	DESCRIPTION
RECEPT SERVERY 53	na		20	1	1	1236	840					2	1 1	20		RECEPT SERVERY 5309
RECEPT SERVERY 53			20	1	3	1200	0.10	1000	532			4		20		RECEPT SERVERY 5309
KITCHEN SERVERY 53			20	1	5			1000	332	532	2523	6		20		RECEPT SERVERY 5309
RECEPT SERVERY 53			20	1	7	1800	2523			332	2323	8				NECEFT SERVERT 5509
RECEPT SERVERY 53				1	9	1000	2023	1600	1000							PECEDI CEDVEDV 5200
RECEPT SERVERT 53	Ja		20	1	_			1608	1020	500	1000	10 12		20		RECEPT SERVERY 5309
			20	•	11	<b>500</b>	500			500	1020					PECEDT IDE 5224
RECEPT IDF 5334			20	1	13	500	500	500	500			14		20		RECEPT IDF 5334
RECEPT IDF 5334			20	1	15			500	500	500		16		20		RECEPT IDF 5334
RECEPT IDF 5334			20	1	17					500	540	18		20		RECEPT IDF 5334
RECEPT IDF 5334, ELE			20	1	19	540	1420					20				RECEPT PATIENT 5401, 5402
RECEPT PAT ROOM 5		GFCI,AFCI	20	1	21			1420	1420			22				RECEPT PAT ROOM 5406, 540
RECEPT PAT ROOM 5		GFCI,	20	1	23					1420	1420	24	1 2			RECEPT PAT ROOM 5409, 541
RECEPT PAT ROOM 5	411, 5412	GFCI,AFCI	20	1	25	1420	1420					26	1 2	0 GFCI,A	4FCI	RECEPT PAT ROOM 5413, 541
RECEPT PAT ROOM 5	415, 5416	GFCI,AFCI	20	1	27			1420	1420			28	1 2	0 GFCI,A	4FCI	RECEPT PAT ROOM 5417, 5418
RECEPT COR 5331SC	HSKP 5330	GFCI,AFCI	20	1	29					720	900	30	1 2	0 GFCI,A	4FCI	RECEPT 5488SC, RR 5324, 532
RECEPT CORR 5488S	C, RR 5450	GFCI,AFCI	20	1	31	1080	1260					32	1 2	0 GFCI,A	4FCI	RECEPT RR 5431, CR 5480
RECEPT EQUIP/STOR	5485		20	1	33			1440	1440			34	1 2	20		RECEPT EQUIP/STOR 5485
RECEPT TEAMWORK	AREA 5443C	GFCI,AFCI	20	1	35					1080	300	36	1 2	0 GFCI,A	AFCI	RECEPT NOURISH STATION 54
RECEPT NOURISH ST		· ·		1	37	1000	720					38	1 2	20		RECEPT CHARTING 5441
RECEPT CHARTING 54			20	1	39			1080	720			40				RECEPT 5408SC, 5407C, RR 54
RECEPT CORRIDOR 5			20	1	41					360	600	42		20		P-TUBE
RECEPT PATIENT LAU		GECLAFOL	20	1	43	180	1000					44		30		MISC PATIENT LAUNDRY 5490
RECEPT OTHER THEF		GFCI,AFCI	20	1	45	100	1000	900	1000			46				
RECEPT CLASSROOM		01 01,7 11 01	20	1	47			000	1000	720	720	48				RECEPT OTHER THERAPY 543
RECEPT WOW 5439, C		GECLAECI	20	1	49	720	1080			120	720	50		20		RECEPT MULT/TEAM RM 5461
RECEPT Room 5461, 5		01 01,711 01	20	1	51	720	1000	900	720			52		20		RECEPT CASE MGRS (2) 5462
RECEPT MGR OFFICE			20	1	53				120	540	720	54				RECEPT CONSULT 5496, CR 54
RECEPT CLASSROOM	` '	GFCI,AFCI	20	1	55	900	720			0.10	720	56				RECEPT OBSERV 5498C
RECEPT WORKROOM		G. G.,, G.	20	1	57		. 20	720	720			58		20		RECEPT CHART 5466, WR 549
RECEPT CORR 5410S		GFCI,AFCI	20	1	59			120	120	1440	720	60		20		RECEPT CHARTING 5466
RECEPT NOURISH ST		GFCI,AFCI	20	1	61	300	1000			1110	720	62				RECEPT NOURISH ST 5436B
COMFORT SENSORY		01 01,7 11 01	20	1	63		1000	566	1260			64				RECEPT GROUP THERAPY 54
QUIET ROOM 5446	<del>5110</del>		20	1	65			000	1200	468	360	66		20		RECEPT MEDICATION 5470 PY
RECEPT MEDICATION	5470		20	1	67	720	468			400	300	68		20		COMFORT SENSORY 5437
RECEPT LOUNGE 546			20	1	69	720	400	1080	1800			70		20		RECEPT STAFF LOUNGE 5463
RECEPT STAFF LOUN			20	1	71			1000	1000	1000	1200	72		.0 GFC		RECEPT STAFF LOUNGE 5463
RECEPT STAFF LOUN		GFCI	20	1	73	1500	1500			1000	1200	74		0 GFC		RECEPT STAFF LOUNGE 5463
RECEPT OFFICE 5444		OI OI	20	1	75	1300	1300	720	438			76		20		QUIET ROOM 5436
RECEPT WOW 5430		GFCI,AFCI	20	1	77			720	430	900	1080	78				RECEPT CONS 5493, 5491, 532
COILING DOOR SERVI		01 01,711 01	20	1	79	1000				300	1000	80	1 4	.0 01 01,7		112021 1 00110 0400, 0401, 002
OOIEII VO BOOK OEKVI	2111 0000			'	81	1000						82				
					83							84				
					85							86				
					87							88				
					89							90				
					91							92				
					93							94				
SPARE			20	1	93					0	0	94	1 ,	20		SPARE
SPARE			20	1	95	0	0			U	U	96		20		SPARE
				•		U	0	^	0							
SPARE			20	1	99			0	0		^	100		20		SPARE
SPARE			20	1	101	_	_			0	0	102		20		SPARE
SPARE			20	1	103	0	0	_	_			104		20		SPARE
SPARE			20	1	105			0	0		^	106		20		SPARE
SPARE			20	1	107		_			0	0	108		20		SPARE
SPARE			20	1	109	0	0					110		20		SPARE
SPARE			20	1	111			0	0		_	112		20		SPARE
SPARE			20	1	113	_	_			0	0	114		20		SPARE
SPARE			20	1	115	0	0	_				116		20		SPARE
SPARE			20	1	117			0	0		^	118		20		SPARE
SPARE	CONNECT	ED D	20 EMAND	1	119 DEMA	ND				0	0	120	1   2	20		SPARE
LOAD TYPE	CONNECT		EMAND		DEMA		-								PAN	NEL TOTALS
RECEPT	55800		58.96%		3290	IU .	-									0004 FIID
LIGHTING	0		0.00%		0	<u> </u>										8201 <b>EMD</b>
MISC KITCHEN	4540 14633		00.00%		454 951		-									5973 TOTAL VA 134 MIN. FEEDER AMPS
MTR/HTR	14633		65.00%  25.00%		125		-									104 MINA FEEDER ANIFS
	0				125	J	1									
NONCONC	-		0.00%		_		-									
HOTEL	0		0.00%		0		-									
ELEV	0		0.00%		0		-									
EM ELEV	0		0.00%		0		1									
EM EQUIP	0		0.00%		0											
EV CHARGER	0		0.00%		0											
	0		0.00%		0											
CUSTOM1				1			-									
CUSTOM1 CUSTOM2	0		0.00%		0											

		SW	ITCHB	OARI	D 1S	BGH	Α
	480	)/277V 3 F	HASE 4 WIR	RE WITH GF	ROUND B	AR	
	120	00 AMP DU	JAL 100% RATE	D MCB, LSI			
	17,	300 AI	MPS AVAIL F	AULT			
	BR	EAKER DI	STRIBUTION	١	LO	CATION 1	MAIN EMERGENCY ELECTRICAL 370
	so	URCE G	EN-1, GEN-2		250	0 AMP H	ORZ. BUS
CKT #	AMPS	POLES	REMARKS	LOAD VA	<b>A</b>	DES	CRIPTION
1	1600	3	LSI	1057111	ATS-1E	EH	
2	800	3	LSI	559695	ATS-10	CH	
3	200	3	LSI	77322	ATS-1L	.H	
4	400	3	LSI	149600	FP-1		
5	1200	3	ST	0	PORTA	BLE LOA	D BANK
6		3			SPACE		
7		3		SPACE			
8		3			SPACE		
	D TYPE	CONNECTE		FACTOR I		Р	ANEL TOTALS
RECE		602580		83%	306290		
LIGH		90658		.00%		1592138	
MISC KITC		71208 43899		.00%	71208 28534		TOTAL VA MIN. FEEDER AMP
MTR/		771017		.85%	808417	1910	WINT. I LEDEK AWII
	CONC	0	0.0	0%	0	-	
HOTE	ΞL	0	0.0	0%	0	-	
ELEV	/	0	0.0	00%	0		
ЕМ Е	LEV	224370	100.	.00%	224370		
ЕМ Е	QUIP	0	0.0	00%	0		
EV		0	0.0	00%	0		
CUS	ГОМ1	0	0.0	0%	0		
CUS	ГОМ2	0	0.0	0%	0		
CLIS	ГОМ3	0	0.0	00%	0	1	

Oklahoma
Children's Hospital
Behavioral Health Center

Oklahoma Children's Hospital
OU Health

Behavioral Health Center

960 NE 13th Street

Oklahoma City, OK 73104

### **BOCKUS PAYNE**

1001 NW 63rd Street Suite 300 Oklahoma City, OK 73116 www.bockus-payne.com

# 50 Fountain Plaza Suite 200 Buffalo, NY 14202 P: 716.773.6800

F: 716.773.5909

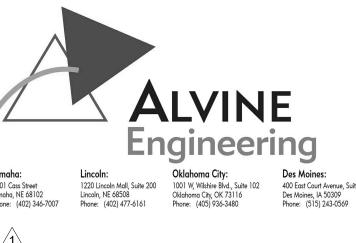
www.cannondesign.com

Alvine Engineering
MEP Engineer
1001 W. Wilshire, Suite 102
Oklahoma City, OK 73116
405.936.3480

Kimley-Horn
Structural Engineer

6160 Warren Parkway, Suite 210 Frisco, TX 75034 972.335.3580 OK FIRM #CA 2740 PE 2023 ©

Kimley-Horn
Civil Engineer
4727 Gaillardia Parkway, Suite 250
Oklahoma City, OK 73142
405.241.5423
OK FIRM #CA 2740 PE
2023 ©





Description	
Addendum 1	08/18/20
Addendum 3	08/31/20
VE Revision 1	12/01/20
PR-12	09/26/20

PANEL KEY

4CLA 4CLB 5CLA

5CLB 6CLA GP1HA

© COPYRIGHT 2022

Permission to reproduce all or part of this drawing is hereby granted solely for the limited purpose of construction of this project or archiving. Unauthorized copying, disclosure or construction use without written permission of Alvine Engineering is prohibited by copyright law.

NOTE:

DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS and clearances from ARCHITECTURAL, STRUCTURAL, shop and other appropriate drawing or at site. Lay out and coordinate all work prior to installation to provide clearances required for operation, maintenance, and codes and verify non-interference with other work. DO NOT FABRICATE PRIOR TO VERIFICATION OF CLEARANCE FOR ALL TRADES. READ SPECIFICATIONS.

CONSTRUCTION DOCUMENT BID SET 31 JULY 2023

Drawing Title:

ELECTRICAL PANEL SCHEDULES

Project No.: 006676.00 Checked by: Checker