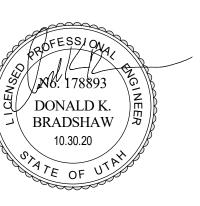


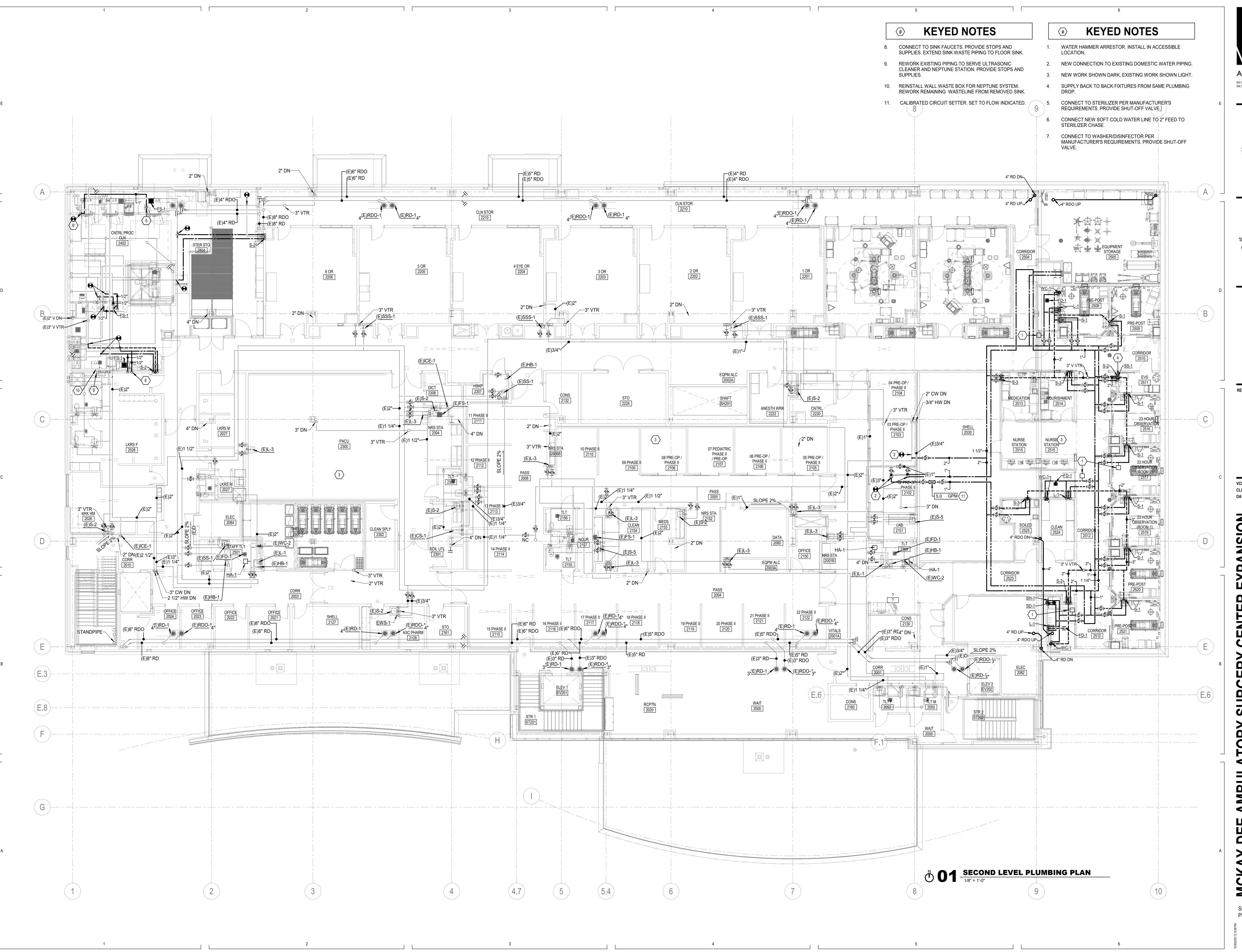
524 SOUTH 600 EAST SALT LAKE CITY, UT 84102

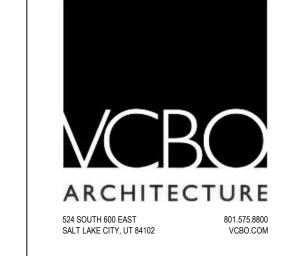


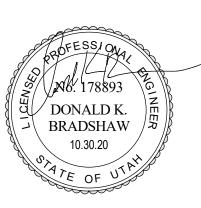


REV DATE DESCRIPTION

P110.1

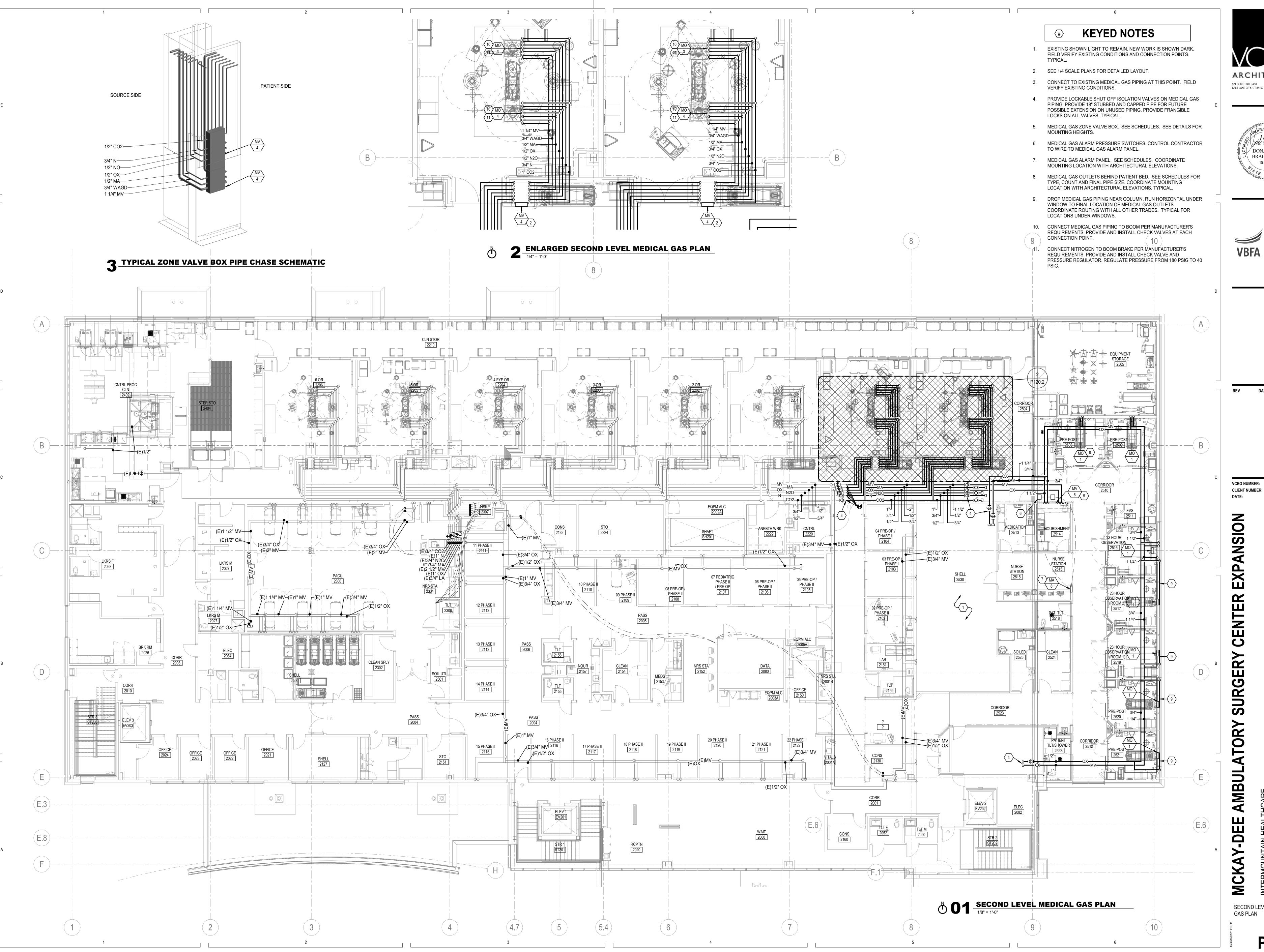




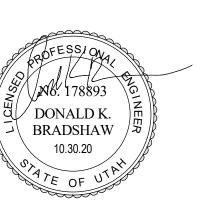




REV DATE DESCRIPTION



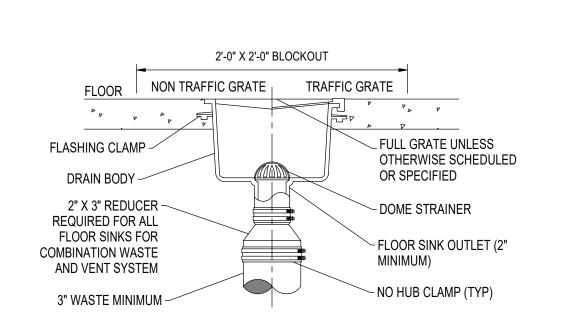


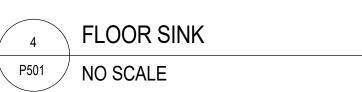


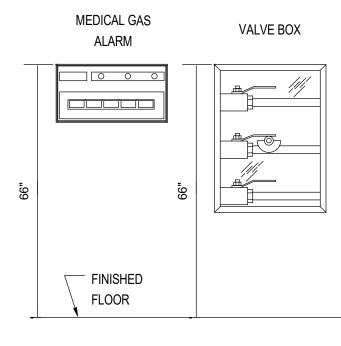


DATE DESCRIPTION

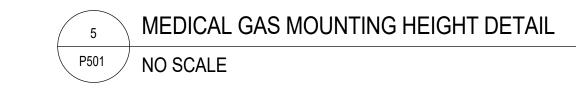
SECOND LEVEL MEDICAL GAS PLAN

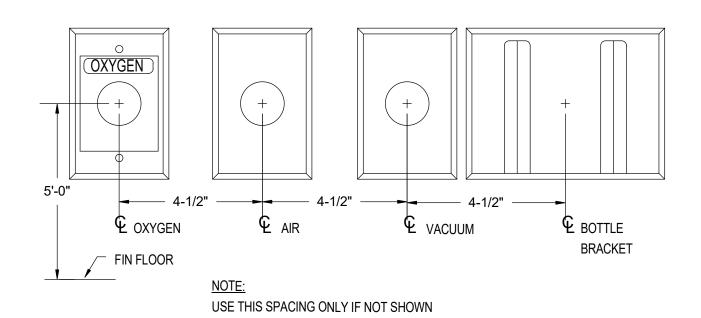




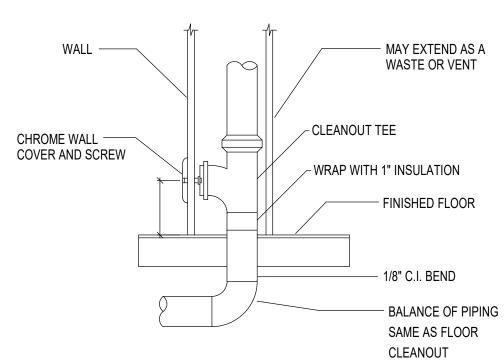


MOUNTING HEIGHTS UNLESS NOTED OTHERWISE ON ARCHITEXTURAL DETAILS OR ELEVATIONS

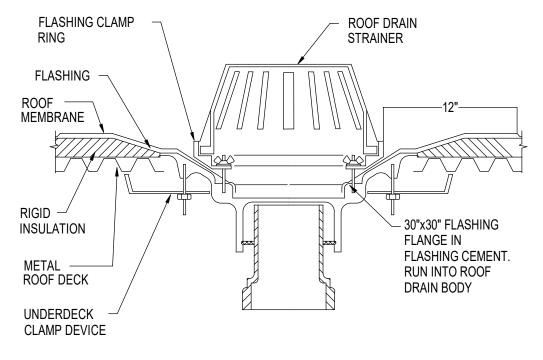




ON ARCHITECTURAL DETAILS OR ELEVATIONS OXYGEN, AIR AND VACUUM OUTLET SPACING P501 NO SCALE

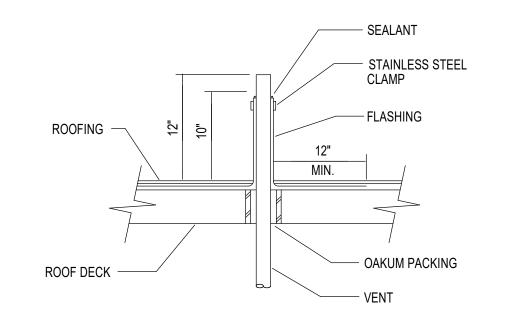


WALL CLEANOUT DETAIL P501 NO SCALE



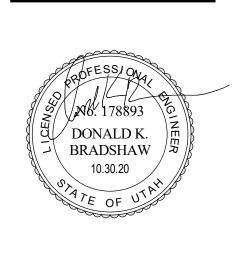
NOTE: OVERFLOW DRAIN SIMILAR BUT WITH 2" HIGH WATER DAM.

ROOF DRAIN P501 NO SCALE



VENT THRU ROOF FLASHING & SLEEVING P501 NO SCALE

524 SOUTH 600 EAST SALT LAKE CITY, UT 84102





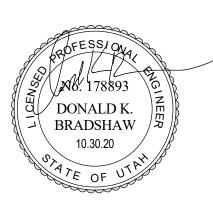


REV DATE DESCRIPTION

CLIENT NUMBER: DATE:

20320 20360 2020 10 30

CENTER EXPANSION SURGERY **ATORY** MCKAY-DEE AMBUL



181 East 5600 South
Murray, Utah 84107
O: (801) 530-3148
F: (801) 530-3150
www.vbfa.com
vbfa project #: 20360

REV DATE DESCRIPTION

CLIENT NUMBER:

DATE:

PLUMBING SCHEDULES

MBUL

						MED	ICAL GAS O	UTLETS SCH	IEDULE							
			# OF OUTLETS				1	1	PIPE DROP SIZE TO OUT	TLET(S)		1				
SYMBOL	ROOM TYPE	OX	MA	MV	N	N20	CO2	WAGD	OX	MA	MV	N	N20	CO2	WAGD	REMARKS
MO-1	PRE/POST 23 HR OBS		1	1	-,-				1/2"		3/4"					1,2
MO-3	O.R BOOM	-	1	2	1	-	1			1/2"	1"	3/4"		1/2"		1,3,4
MO-4	O.R ANESTHESIA BOOM	3	2	2	-,-	1		1	1/2"	1/2"	1"		1/2"	-,-	3/4"	1,3,4

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

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

1. PIPE DROP SIZES ARE FOR ONE SET OF OUTLETS

2. WALL MOUNTED OUTLETS

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

4. CONNECT INSTRUMENT AIR TO BOOM/COLUMN PNEUMATIC BRAKE. PROVIDE AND INSTALL 150 PSIG TO 45 PSIG PRESSURE REGULATOR ON INSTRUMENT AIR INLET

						PLUMBING FIX	TURE SCHEDULE
		CW	HW	W	V		
ID	FIXTURE	(IN)	(IN)	(IN)	(IN)	NOTES	FIXTURE SPECIFICATIONS
WC-1	WATER CLOSET	1	-	4	2	FLOOR MOUNTED, FLUSH VALVE, ADA	WATER CLOSET (FLOOR MOUNTED, FLUSH VALVE, ADA COMPLIANT): KOHLER K4405, HIGHLINE TOILET, VITREOUS CHINA, 1.28 GALLON FLUSH. ELONGATED BOWL DESIGN, 17-1/2" HIGH, SIPHON JET FLUSHING, 2-1/4" PASSAGEWAY, 1-1/2" TOP SPUD AND 52048 BOLT CAPS. BEMIS 3155-C "DURAGUARD" WHITE, SOLID PLASTIC, OPEN-FRONT SEAT, LESS COVER. SLOAN ROYAL MODEL 111-1.28 LOW CONSUMPTION 1.28 GPF MANUAL FLUSH VALVE.
L-1	LAVATORY	1/2	1/2	1 1/2	1 1/2	WALL HUNG, ADA, WRIST BLADES	PRIVATE LAVATORY (WALL HUNG, ADA): KOHLER K2006, KINGSTON, 21 X 18-INCH WALL HUNG, VITREOUS CHINA LAVATORY, CHICAGO NO. 786-GN8FCABCP CERAMIC QUARTER TURN OPERATING CARTRIDGE WITH 4" WRIST BLADE HANDLES AND 8 RIGID GOOSENECK SPOUT WITH 1.0 GPM LAMINAR FLOW CONTROL INSERT IN SPOUT INLET; OPEN-GRID STRAINER; POWERS 480 TEMPERING VALVE UNDER COUNTER THERMOSTATIC MIXING VALVE ON HOT WATER LINE WITH ZURN MODEL SXL STRAINERS AND ADDITIONAL ZURN MODEL 40XL CHECK VALVES ON HOT AND COLD WATER INLETS, FLEXIBLE SUPPLIES WITH LOOSE KEY CONTROL, ¾ TURN STOPS, CAST BRASS P-TRAP WITH CLEANOUT PLUG; CONCEALED ARM CHAIR CARRIEF WITH FOOT SUPPORT. PROVIDE ADA COMPLIANT UNDER COUNTER PIPING VANDAL PROTECTION BY TRUE-BRO IMPACT RESISTANT LAV GUARD WITH TAMPER PROOF FASTENERS. MAINTAIN REQUIRED ADA CLEARANCES. PROVIDE 120V AC TRANSFORMER FOR SINGLE OR MULTIPLE FAUCETS AS REQUIRED.
S-1	WORK SINK	1/2	1/2	2	1 1/2	WALL HUNG, ADA, SENSOR FAUCET	KOHLER K2007, KINGSTON, 21 X 18-INCH WALL HUNG, VITREOUS CHINA LAVATORY, CHICAGO 116.429.AB.1 SENSOR FAUCET WITH ADJUSTABLE TEMPERATURE CONTROL MIXER, 1.5 GPM, GOOSENECK FAUCET WITH FLOW CONTROL IN BASE OF SPOUT; PROVIDE WITH 12 V AC TRANSFORMER. OPEN-GRID STRAINER. LFUSG-B-M2 THERMOSTATIC MIXING VALVE WITH SLOAN BASYS ETF-470-A SINGEL CHECKS IN HOT AND COLD SUPPLIES., FLEXIBLE SUPPLIES WITH LOOSE KEY CONTROL, 34 TURN STOPS, CAST BRASS P-TRAP WITH CLEANOUT PLUG; CONCEALED ARM CHAIR CARRIER WITH FOOT SUPPORT. PROVIDE ADA COMPLIANT UNDER COUNTER PIPING VANDAL PROTECTION BY TRUE-BRO IMPACT RESISTANT LAV GUARD WITH TAMPER PROOF FASTENERS. MAINTAIN REQUIRED ADA CLEARANCES.
S-2	WORK SINK	1/2	1/2	2	1 1/2	WALL HUNG, GOOSENECK; WRIST BLADES, ADA	LAVATORY: KOHLER K2030, GREENWICH, 20" X 18", VITREOUS CHINA, WITH FRONT OVERFLOW, 4" CENTERS. CHICAGO 786-GN8FCXKABCP FACUET, WITH WRIST BLADE HANDLES, GN8 RIGID/SWING GOOSENECK SPOUT WITH 1.5 GPM LAMINAR FLOW CONTROL IN SPOUT INLET, FIX SPOUT RIGID. WATTS LFUSG-B-M2 THERMOSTATIC MIXING VALVE WITH SLOAN BASYS ETF-470-A SINGEL CHECKS IN HOT AND COLD SUPPLIES. LOOSE KEY ANGLE STOPS WITH CHROME PLATED COPPER SUPPLIES AND 17 GA. CAST BRASS. CHICAGO 327-XCP OPEN-GRID STRAINER AND CAST BRASS P-TRAP WITH CLEAN OUT PLUG. SMITH 0700-Z CONCEALED ARM CHAIR CARRIER WITH FOOT SUPPORT. PROVIDE ADA COMPLIANT UNDER COUNTER PIPING WRAP BY TRUE-BRO, COLOR TO BE WHITE.
S-3	WORK SINK	1/2	1/2	2	2	SS COUNTER MOUNT, GOOSENECK; WRIST BLADES	WORK SINK: JUST SL-2122-A-GR 16" X 19" X 7-1/2" DEEP BOWL (INSIDE DIMENSIONS), COUNTER MOUNT SINGLE COMPARTMENT 18 GA. STAINLESS STEEL SINK, 8" CENTERS DRILLING. PROVIDE CHICAGO 786-GN8FCABCP FAUCET, NO. 317 4" WRIST BLADES, GN8 RIGID/SWING CONVERTIBLE GOOSE NECK WITH 1.5 GPM FC LAMINAR FLOW CONTROL IN SPOUT BASE AND PLAIN END SPOUT RING, FIX SPOUT RIGID. PROVIDE FLEXIBLE STAINLESS STEEL SUPPLIES WITH LOOSE KEY ANGLE STOPE JUST J-35 STAINLESS STEEL CUP STRAINER AND CAST BRASS P-TRAP WITH CLEAN-OUT PLUG.
SH-1	SHOWER VALVE	1/2	1/2	-	-	WALL MOUNTED PRESSURE BALANCING VALVE, ADA	STAFF SHOWER (ADA COMPLIANT): SYMMONS 5505-T600B-36-V-X-231-1.5 TEMPTROL, PACKAGED LOW FLOW 1.5 GPM SHOWER UNIT WITH HAND SPRAY AND HOSE; PRESSURE BALANCE PISTON OPERATED VALVE, 4-231 SUPER SHOWERHEAD WITH ADJUSTABLE SPRAY; 300S ARM; FS HAND SPRAY UNIT WITH FLEXIBLE HOSE, SYMMONS 36" T600B ADA GRAB AND SLIDE BAR FOR HAND SHOWER MOUNTING, WALL CONNECTION AND IN-LINE VACUUM BREAKER; 4-458 LEVERTROL DIVERTER, DOUBLE OUTLET WITH VOLUME CONTROL FOR SHOWER HEAD AND HAND SPRAY.
SS-1	SERVICE SINK	1/2	1/2	3	1 1/2	FLOOR MOUNTED CORNER	SERVICE SINK (FLOOR MOUNTED): KOHLER K6710, WHITBY, 28 X 28-INCH, ENAMELED CAST IRON FLOOR-MOUNTED CORNER MODEL, K9146-3" DRAIN WITH STRAINER, NO. K8940 REMOVABLE VINYL-COATED RIM GUARD; CHICAGO 897 FAUCET WIT VACUUM BREAKER, SCREWDRIVER STOPS IN SHANKS, 5 FOOT RUBBER HOSE AND 853 WALL HOOK.
FD-1	FLOOR DRAIN	-	-	2	1 1/2	GENERAL USE FLOOR DRAIN	FLOOR DRAIN: SMITH FIGURE 2005YB FLOOR DRAIN WITH CAST IRON BODY AND FLASHING COLLAR WITH 6-INCH SQUARE NICKEL BRONZE ADJUSTABLE STRAINER HEAD WITH SECURED GRATE. PROVIDE TRAP GUARD TYPE TRAP SEAL DEVICE
FD-2	SHOWER DRAIN	-	-	2	1 1/2	CHROME PLATED GRATE	SHOWER DRAIN: SMITH 2005Y-CP FLOOR DRAIN WITH CAST IRON BODY AND FLASHING COLLAR WITH 6-INCH SQUARE CHROME PLATED ADJUSTABLE STRAINER STRAINDER HEAD WITH SECURED GRATE.
FS-1	FLOOR SINK	-	-	3	1 1/2	FOR STERILIZER AND WASHER	FLOOR SINK: SMITH FIGURE 3100Y CAST IRON FLANGED RECEPTOR WITH ACID RESISTANT INTERIOR COATING, NICKEL BRONZE RIM AND SECURED 1/2 GRATE AND ALUMINUM DOME BOTTOM STRAINER.
RD-1	ROOF DRAIN	-	-	-	-	SEE PLANS FOR SIZE	ROOF DRAIN: SMITH FIGURE 1010Y-R-C-CID CAST IRON BODY WITH COMBINED FLASHING CLAMP AND CAST IRON GRAVEL STOP, CAST IRON DOME, EXTENSION, SUMP RECEIVER AND UNDERDECK CLAMP.
RDO-1	ROOF DRAIN OVERFLOW	-	-	-	-	SEE PLANS FOR SIZE	ROOF DRAIN: SMITH FIGURE 1010Y-R-C-CID CAST IRON BODY WITH COMBINED FLASHING CLAMP AND CAST IRON GRAVEL STOP, CAST IRON DOME, EXTENSION, SUMP RECEIVER AND UNDERDECK CLAMP, 2" WATER DAM.

1. ALL UNDER GROUND WASTE AND VENT SHALL BE 2" OR GREATER PER DRAWINGS. 2. PROVIDE SINK COMPLETE WITH ALL MOUNTED BED PAN WASHER WITH FOOT PEDAL CONTROLS

		MEDIC	AL GAS ALA	RM PANE	L SCHEDULE	•			
					SERVICES	TO BE MONITORED			
	STATIONS								
SYMBOL	MONITORED	LOCATION	OX	MA	MV	N2O	CO2	N	REMARKS
MA-7	PRE/POST 23 HR	REGISTRATION	Х	-,-	Х	-,-			1,2

1. COORDINATE EXACT LOCATION WITH ARCHITECTURAL 2. DEDICATED WIRING FROM SOURCE SIGNALS TO ALARM

			MEDIC	CAL GAS VA	LVE SCHED	JLE			
					PIPE SIZE			1	
SYMBOL	AREA SERVED	OX	MA	MV	N	N20	CO2	WAGD	REMARKS
MV-6	PRE/POST 23 HR	-,-	3/4"	1-1/2"	-,-	-,-			1
MV-4	OPERATING ROOMS	1/2"	1/2"	1-1/4"	1/2"	1/2"	1/2"	3/4"	1,2

1. WITH GAUGES

2. STACKED VALVE BOXES: N2O, N, CO2 IN ONE BOX AND OX, MA, WAGD, MV IN THE OTHER. WRAP PIPING BEHIND THE VALVE BOX IN THE CONCEALED POCKET,

AS REQUIRED TO FIT IN THE AVAILABLE HORIZONTAL DIMENSION OF THE WALL

MBOL DESCRIPTION RECEPTACLE, SINGLE: NEMA 5-20R. RECEPTACLE, DUPLEX: NEMA 5-20R. RECEPTACLE, DUPLEX: NEMA 5-20R. RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R. RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R. RECEPTACLE, DUPLEX, DEDICATED CIRCUIT: NEMA 5-20R. RECEPTACLE, DUPLEX, SIOLATED GROUND: NEMA 5-20R. RECEPTACLE, DUPLEX, SIOLATED GROUND: NEMA 5-20R. RECEPTACLE, DUPLEX, SIOLATED GROUND: NEMA 5-20R. RECEPTACLE, DUPLEX, WITCHED: NEMA 5-20R. WW RECEPTACLE, DUPLEX, WITCHED: NEMA 5-20R. RECEPTACLE, DUPLEX, WITCHED: NEMA 5-20R. RECEPTACLE, DUPLEX, WEATHERPROOF: REMA 5-20R. RECEPTACLE, DUPLEX, WEATHERPROOF: NEMA 5-20R. RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, DUPLEX, CONNECTED TO UPS: NEMA 5-20R. RECEPTACLE, DUPLEX, CONNECTED TO UPS: NEMA 5-20R. RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT: NITERRUPTER, NEMA 5-20R. RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT: NITERRUPTER, NEMA 5-20R. RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT: NITERRUPTER, NEMA 5-20R. RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT: NITERRUPTER, NEMA 5-20R. RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT: NITERRUPTER, NEMA 5-20R. RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT: NITERRUPTER, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT: NITERRUPTER, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT: NITERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT: NITERRUPTER, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT: NITERRUPTER, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT: NITERRUPTER, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT: NITERRUPTER, NEMA 5-20R. RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT: NITERRUPTER, NEMA	00 SITE 01 -30 02 -03 -04 -05 -06 -07 -08 -09 -10 -11 -12 -13 -14 -15 -16 -17 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10	DUP— BUP— COE TOC E TOC COE	DESCRIPTION FRICAL AND COMMUNICATIONS UTILITIES ELECTRIC LINE: THIN LINE. 1Ø = SINGLE PHASE, 2Ø = 2-PHASE, 3Ø = 3-PHASE, 0 = OVERHEAD, U = UNDERGROUND, P = PRIMARY, S = SECONDARY LIGHTNING ARRESTOR. UTILITY POLE. UTILITY, DISTRIBUTION SWITCH OR SWITCHING STATION. UTILITY, PRIMARY ELECTRICAL HAND HOLE. UTILITY, COMMUNICATIONS MANHOLE. UTILITY, COMMUNICATIONS MANHOLE. UTILITY, TELEPHONE MANHOLE. PRECAST CONCRETE, COMMUNICATION VAULT. PRECAST CONCRETE, ELECTRICAL VAULT. PRECAST CONCRETE, TELEPHONE VAULT. PRECAST CONCRETE, TRANSFORMER VAULT. PRECAST CONCRETE, TRANSFORMER PAD. HAND HOLE. SUBSTATION. TRANSFORMER. AL POWER AND DISTRIBUTION FUSE WITH RATING (ONE-LINE DIAGRAM).
RECEPTACLE, SINGLE: NEMA 5-20R. A RECEPTACLE, DUPLEX: NEMA 5-20R. B RECEPTACLE, DUPLEX: ABOVE COUNTER: NEMA 5-20R. C RECEPTACLE, DUPLEX: CELLING: NEMA 5-20R. B RECEPTACLE, DUPLEX: WITH GROUND FAULT CIRCUIT REMA 5-20R. RECEPTACLE: DUPLEX: WITH GROUND FAULT CIRCUIT REMA 5-20R. RECEPTACLE: DUPLEX: WITH GROUND FAULT CIRCUIT REMA 5-20R. B CREEPTACLE: DUPLEX: SOLATED GROUND: NEMA 5-20R. B CREEPTACLE: DUPLEX: SOLATED GROUND: NEMA 5-20R. B CREEPTACLE: DUPLEX: SOLATED GROUND: NEMA 5-20R. B CREEPTACLE: DUPLEX: WITH GROUND FAULT CIRCUIT NETSERPITER. WET LABEL: WEATHERPROOF: NEMA 5-20R. WEAR 5-20R. B RECEPTACLE: DUPLEX: WEATHERPROOF: NEMA 5-20R. RECEPTACLE: DUPLEX: WEATHERPROOF: NEMA 5-20R. RECEPTACLE: DUPLEX: WEATHERPROOF: NEMA 5-20R. RECEPTACLE: DUPLEX: ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE: DUPLEX: WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE: DUPLEX: WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE: DUPLEX: WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE: DUPLEX: WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE: DUPLEX: WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE: DUPLEX: WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE: DUPLEX: WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE: DUPLEX: WITH GROUND FAULT CIRCUIT INTERRUPTER: WEATHERPROOF: NEMA 5-20R. RECEPTACLE: DUPLEX: WITH GROUND FAULT CIRCUIT INTERRUPTER: WEATHERPROOF: NEMA 5-20R. RECEPTACLE: QUADRAPLEX: HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE: QUADRAPLEX: HOSPITAL GRADE	01 -32 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 02 03 04	DUP— BUP— COE TOC E TOC COE	ELECTRIC LINE: THIN LINE. 10 = SINGLE PHASE, 20 = 2-PHASE, 30 = 3-PHASE, 0 = OVERHEAD, U = UNDERGROUND, P = PRIMARY, S = SECONDARY LIGHTNING ARRESTOR. UTILITY POLE. UTILITY, DISTRIBUTION SWITCH OR SWITCHING STATION. UTILITY, PRIMARY ELECTRICAL HAND HOLE. UTILITY, COMMUNICATIONS MANHOLE. UTILITY, COMMUNICATIONS MANHOLE. UTILITY, TELEPHONE MANHOLE. PRECAST CONCRETE, COMMUNICATION VAULT. PRECAST CONCRETE, ELECTRICAL VAULT. PRECAST CONCRETE, TELEPHONE VAULT. PRECAST CONCRETE, TRANSFORMER VAULT. PRECAST CONCRETE, TRANSFORMER PAD. HAND HOLE. SUBSTATION. TRANSFORMER. AL POWER AND DISTRIBUTION FUSE WITH RATING (ONE-LINE DIAGRAM).
RECEPTACLE, DUPLEX, ABOVE COUNTER: NEMA 5-20R. A RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R. B RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R. C RECEPTACLE, DUPLEX, CEILING: NEMA 5-20R. RECEPTACLE, DUPLEX, DEDICATED CIRCUIT: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT RECEPTACLE BEHIND WATER COOLER SEE MERCHANGALPHUMBING FOUNTAIN. CONCEAL WATER COOLER RECEPTACLE, BEHIND WATER COOLER SEE MECHANICAL PLUMBING FOUNTAIN. CONCEAL WATER COOLER RECEPTACLE, BEHIND WATER COOLER SEE MECHANICAL PLUMBING SHOP DRAWINGS FOR INSTALLATION REQUIREMENTS. B RECEPTACLE, DUPLEX SWITCHED: NEMA 5-20R. B RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT NITERRUPTER, WET LABEL, "WEATHERPROOF IN USE": NEMA 5-20R. WAY RECEPTACLE, DUPLEX WEATHERPROOF: NEMA 5-20R. RECEPTACLE, DUPLEX ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX CONNECTED TO UPS: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER HOSPITAL GRADE ON EMER	02	E M C E T C E T C TRICA	20 = 2-PHASE, 30 = 3-PHASE, O = OVERHEAD, U = UNDERGROUND, P = PRIMARY, S = SECONDARY LIGHTNING ARRESTOR. UTILITY POLE. UTILITY, DISTRIBUTION SWITCH OR SWITCHING STATION. UTILITY, PRIMARY ELECTRICAL HAND HOLE. UTILITY, SERVICES, MANHOLE. UTILITY, COMMUNICATIONS MANHOLE. UTILITY, ELECTRICAL MANHOLE. UTILITY, TELEPHONE MANHOLE. PRECAST CONCRETE, COMMUNICATION VAULT. PRECAST CONCRETE, ELECTRICAL VAULT. PRECAST CONCRETE, TELEPHONE VAULT. PRECAST CONCRETE, MANHOLE, TRANSFORMER VAULT. PRECAST CONCRETE, TRANSFORMER PAD. HAND HOLE. SUBSTATION. TRANSFORMER. AL POWER AND DISTRIBUTION FUSE WITH RATING (ONE-LINE DIAGRAM). DISCONNECT, FUSED (ONE-LINE DIAGRAM).
## RECEPTACLE, DUPLEX, ABOVE COUNTER: NEMA 6-20R. ## CRECEPTACLE, DUPLEX, CEILING: NEMA 5-20R. ## CRECEPTACLE, DUPLEX, DEDICATED CIRCUIT: NEMA 6-20R. ## CRECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT RECEPTACLE. DUPLEX WITH GROUND FAULT CIRCUIT RECEPTACLE, DUPLEX, SWITCHED: NEMA 5-20R. ## CRECEPTACLE, DUPLEX, WEATHERPROOF: NEMA 5-20R. ## CRECEPTACLE, DUPLEX, WEATHERPROOF: NEMA 5-20R. ## CRECEPTACLE, DUPLEX, WEATHERPROOF: NEMA 5-20R. ## CRECEPTACLE, DUPLEX, ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, DUPLEX, ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, DUPLEX, ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, DUPLEX, CONNECTED TO UPS: NEMA 5-20R. ## RECEPTACLE, DUPLEX, CONNECTED TO UPS: NEMA 5-20R. ## RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER. NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R. ## RECEP	03	E M C E T M TP H S T CTRICA	LIGHTNING ARRESTOR. UTILITY POLE. UTILITY, DISTRIBUTION SWITCH OR SWITCHING STATION. UTILITY, PRIMARY ELECTRICAL HAND HOLE. UTILITY SERVICES, MANHOLE. UTILITY, COMMUNICATIONS MANHOLE. UTILITY, ELECTRICAL MANHOLE. UTILITY, TELEPHONE MANHOLE. PRECAST CONCRETE, COMMUNICATION VAULT. PRECAST CONCRETE, ELECTRICAL VAULT. PRECAST CONCRETE, TELEPHONE VAULT. PRECAST CONCRETE, MANHOLE, TRANSFORMER VAULT. PRECAST CONCRETE, TRANSFORMER PAD. HAND HOLE. SUBSTATION. TRANSFORMER. AL POWER AND DISTRIBUTION FUSE WITH RATING (ONE-LINE DIAGRAM).
⊕ C RECEPTACLE, DUPLEX, DEDICATED CIRCUIT: NEMA 5-20R. ⊕ D RECEPTACLE, DUPLEX, DEDICATED CIRCUIT: NEMA 6-20R. ⊕ D RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT RECEPTACLE, DUPLEX, SOLATED GROUND. NEMA 5-20R. ⊕ IO RECEPTACLE, DUPLEX, SWITCHED: NEMA 5-20R. ⊕ W RECEPTACLE, DUPLEX, SWITCHED: NEMA 5-20R. ⊕ W RECEPTACLE, DUPLEX, FLOOR, UNDER CARPET: NEMA 5-20R. ⊕ W RECEPTACLE, DUPLEX, WEATHERPROOF: NEMA 5-20R. ⊕ W RECEPTACLE, DUPLEX, WEATHERPROOF: NEMA 5-20R. ⊕ RECEPTACLE, DUPLEX, WEATHERPROOF: NEMA 5-20R. ⊕ RECEPTACLE, DUPLEX, ON EMERGENCY POWER: NEMA 5-20R. ⊕ RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT ⊕ RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT	04	E M C E T M TP H S T CTRICA	UTILITY POLE. UTILITY, DISTRIBUTION SWITCH OR SWITCHING STATION. UTILITY, PRIMARY ELECTRICAL HAND HOLE. UTILITY SERVICES, MANHOLE. UTILITY, COMMUNICATIONS MANHOLE. UTILITY, ELECTRICAL MANHOLE. UTILITY, TELEPHONE MANHOLE. PRECAST CONCRETE, COMMUNICATION VAULT. PRECAST CONCRETE, ELECTRICAL VAULT. PRECAST CONCRETE, TELEPHONE VAULT. PRECAST CONCRETE, MANHOLE, TRANSFORMER VAULT. PRECAST CONCRETE, TRANSFORMER PAD. HAND HOLE. SUBSTATION. TRANSFORMER. AL POWER AND DISTRIBUTION FUSE WITH RATING (ONE-LINE DIAGRAM).
RECEPTACLE, DUPLEX DEDICATED CIRCUIT: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, DRINNING FOUNTAIN. CONCEAL WATER COOLER METER PRICE DIPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER. DRINNING STEND ON CONCEAL WATER COOLER METER PRICE. DUPLEX, ISOLATED GROUND: NEMA 5-20R. BY RECEPTACLE, DUPLEX, ISOLATED GROUND: NEMA 5-20R. CELEPTACLE, DUPLEX, FLOOR, UNDER CAPPET: NEMA 5-20R. RECEPTACLE, DUPLEX, HOSPITAL GROUND FAULT CIRCUIT INTERRUPTER, WET LABEL, "WEATHERPROOF IN USE": NEMA 5-20R. RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, DUPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX CONNECTED TO UPS: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 8-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 8-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 8-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 8-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 8-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 8-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 8-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: WEATHER PROOF: NEMA 8-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: WEATHER PROOF: NEMA 8-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: WEATHER PROOF: NEMA 8-20R. RECEPTACLE, DUPLEX RECESSED: NEMA 8-20R. RECEPTACLE, QUADRAPLEX, NEMA 8-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 8-20R. RECEPTACLE, DUPLEX WITH GROUND DRAWINGS. REFER TO WIRING NEGOCIAL PURPOSE PROVIDE RECEPTACLE TO MATCHER PURPOSE	04	E M C E T C E T C T T T M T P H S T C T R I C A	UTILITY, DISTRIBUTION SWITCH OR SWITCHING STATION. UTILITY, PRIMARY ELECTRICAL HAND HOLE. UTILITY SERVICES, MANHOLE. UTILITY, COMMUNICATIONS MANHOLE. UTILITY, ELECTRICAL MANHOLE. UTILITY, TELEPHONE MANHOLE. PRECAST CONCRETE, COMMUNICATION VAULT. PRECAST CONCRETE, ELECTRICAL VAULT. PRECAST CONCRETE, TELEPHONE VAULT. PRECAST CONCRETE, MANHOLE, TRANSFORMER VAULT. PRECAST CONCRETE, TRANSFORMER PAD. HAND HOLE. SUBSTATION. TRANSFORMER. AL POWER AND DISTRIBUTION FUSE WITH RATING (ONE-LINE DIAGRAM).
RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT RECEPTACLE, DUPLEX, ISOLATED GROUND FAULT CIRCUIT RECEPTACLE, DUPLEX, ISOLATED GROUND FAMILY CIRCUIT RECEPTACLE, DUPLEX, ISOLATED GROUND FAMILY CIRCUIT RECEPTACLE, DUPLEX, FLOOR, UNDER CARPET: NEMA 5-20R. RECEPTACLE, DUPLEX, FLOOR, UNDER CARPET: NEMA 5-20R. RECEPTACLE, DUPLEX, HOSPITAL GRADES ON BMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX, HOSPITAL GRADES ON BMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER WITH ABBL. "WEATHERPROOF IN USE": RECEPTACLE, DUPLEX, HOSPITAL GRADE ON BMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX, CONNECTED TO UPS: NEMA 5-20R. RECEPTACLE, DUPLEX, CONNECTED TO UPS: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER: WEATHERPROOF: NEMA 5-20R. RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER: WEATHERPROOF: NEMA 5-20R. RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER: WEATHERPROOF: NEMA 5-20R. RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER: WEATHERPROOF: NEMA 5-20R. RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER: WEATHERPROOF: NEMA 5-20R. RECEPTACLE, OUADRAPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER: WEATHERPROOF: NEMA 5-20R. RECEPTACLE, OUADRAPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, OUADRAPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, OUADRAPLEX HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, OUADRAPLEX HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, OUADRAPLEX HOSPITAL GRADE: NEMA 6-20R. RECEPTACLE, OUADRAPLEX HOSPITAL GRADE: NEMA 6-20R. RECEPTACLE, OUADRAP	05	E M C E T C E T C TRICA	UTILITY, PRIMARY ELECTRICAL HAND HOLE. UTILITY SERVICES, MANHOLE. UTILITY, COMMUNICATIONS MANHOLE. UTILITY, ELECTRICAL MANHOLE. UTILITY, TELEPHONE MANHOLE. PRECAST CONCRETE, COMMUNICATION VAULT. PRECAST CONCRETE, ELECTRICAL VAULT. PRECAST CONCRETE, TELEPHONE VAULT. PRECAST CONCRETE, MANHOLE, TRANSFORMER VAULT. PRECAST CONCRETE, TRANSFORMER PAD. HAND HOLE. SUBSTATION. TRANSFORMER. AL POWER AND DISTRIBUTION FUSE WITH RATING (ONE-LINE DIAGRAM). DISCONNECT, FUSED (ONE-LINE DIAGRAM).
## PECEPTACLE BEHIND WATER COOLER, SEE ## RECEPTACLE, DUPLEX, ISOLATED GROUND: NEMA 5-20R. ## RECEPTACLE, DUPLEX, SWITCHED: NEMA 5-20R. ## RECEPTACLE, DUPLEX, SWITCHED: NEMA 5-20R. ## RECEPTACLE, DUPLEX, SWITCHED: NEMA 5-20R. ## RECEPTACLE, DUPLEX, HOOOR, UNDER CARPET: NEMA 5-20R. ## RECEPTACLE, DUPLEX, HOOOR, UNDER CARPET: NEMA 5-20R. ## RECEPTACLE, DUPLEX, WEATHERPROOF: NEMA 5-20R. ## RECEPTACLE, DUPLEX, WEATHERPROOF: NEMA 5-20R. ## RECEPTACLE, DUPLEX, HOSPITAL, GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX, HOSPITAL, GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, DUPLEX, CONNECTED TO UPS: NEMA 5-20R. ## RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: HOSPITAL, GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: HOSPITAL, GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: HOSPITAL, GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: HOSPITAL, GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 1-12R ADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 1-12R ADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: WEATHER PROOF: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: WEATHER PROOF: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: WEATHER PROOF: NEMA 5-20R. ## RECEPTACLE, OUADRAPLEX, HOSPITAL, GRADE: NEMA 5-20R. ## RECEPTACLE, OUADRAPLEX NOT NEMA 5-10R. ## RECEPTACLE, OUADRAPLEX NOT NEMA 5	06	M C E T C E T T T T T T T T T T T T T T T	UTILITY SERVICES, MANHOLE. UTILITY, COMMUNICATIONS MANHOLE. UTILITY, ELECTRICAL MANHOLE. UTILITY, TELEPHONE MANHOLE. PRECAST CONCRETE, COMMUNICATION VAULT. PRECAST CONCRETE, ELECTRICAL VAULT. PRECAST CONCRETE, TELEPHONE VAULT. PRECAST CONCRETE, MANHOLE, TRANSFORMER VAULT. PRECAST CONCRETE, TRANSFORMER PAD. HAND HOLE. SUBSTATION. TRANSFORMER. AL POWER AND DISTRIBUTION FUSE WITH RATING (ONE-LINE DIAGRAM).
## RECEPTACLE, DUPLEX, ISOLATED GROUND: NEMA 5-20R. ## RECEPTACLE, DUPLEX, SWITCHED: NEMA 5-20R. ## RECEPTACLE, DUPLEX, FLOOR, UNDER CARPET: NEMA 5-20R. ## RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER, WET LABEL, "WEATHERPROOF IN USE": NEMA 5-20R. ## RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, DUPLEX, CONNECTED TO UPS: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: WEATHERPROOF: NEMA 5-20R. ## RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER: WEATHERPROOF: NEMA 5-20R. ## RECEPTACLE, DUPLEX, SWITCHED, RECESSED: NEMA 5-20R. ## RECEPTACLE, OUADRAPLEX NEMA 5-20R. ## RECEPTACLE, OUADRAPLEX NEMA 5-20R. ## RECEPTACLE, OUADRAPLEX HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, OUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, OUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, OUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, OUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, OUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND AND RAWINGS. REFER TO	07 (0) 08 (1) 09 (1) 10 (1) 11 (1) 12 (1) 13 (1) 15 (1) 16 (1) 17 (1) 16 (1) 17	C E T C C E T C T C T C T C T C T C T C	UTILITY, COMMUNICATIONS MANHOLE. UTILITY, ELECTRICAL MANHOLE. UTILITY, TELEPHONE MANHOLE. PRECAST CONCRETE, COMMUNICATION VAULT. PRECAST CONCRETE, ELECTRICAL VAULT. PRECAST CONCRETE, TELEPHONE VAULT. PRECAST CONCRETE, MANHOLE, TRANSFORMER VAULT. PRECAST CONCRETE, TRANSFORMER PAD. HAND HOLE. SUBSTATION. TRANSFORMER. AL POWER AND DISTRIBUTION FUSE WITH RATING (ONE-LINE DIAGRAM).
## SECEPTACLE, DUPLEX, SWITCHED: NEMA 5-20R. ## WIP RECEPTACLE, DUPLEX, FLOOR, UNDER CARPET: NEMA 5-20R. ## WIP RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER. WET LABEL, "WEATHERPROOF: NUSE": NEMA 5-20R. ## WIP RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, DUPLEX, CONNECTED TO UPS: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER. HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER. HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER. HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER. HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, DUPLEX, SWITCHED, RECESSED: NEMA 5-20R. ## RECEPTACLE, DUPLEX, SWITCHED, RECESSED: NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX, NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FA	08	E T C TRICA	UTILITY, ELECTRICAL MANHOLE. UTILITY, TELEPHONE MANHOLE. PRECAST CONCRETE, COMMUNICATION VAULT. PRECAST CONCRETE, ELECTRICAL VAULT. PRECAST CONCRETE, TELEPHONE VAULT. PRECAST CONCRETE, MANHOLE, TRANSFORMER VAULT. PRECAST CONCRETE, TRANSFORMER PAD. HAND HOLE. SUBSTATION. TRANSFORMER. AL POWER AND DISTRIBUTION FUSE WITH RATING (ONE-LINE DIAGRAM).
## RECEPTACLE, DUPLEX, FLOOR, UNDER CARPET: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WET LABEL, "WEATHERPROOF IN USE": NEMA 5-20R. ## RECEPTACLE, DUPLEX, WEATHERPROOF: NEMA 5-20R. ## RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX, CONNECTED TO UPS: NEMA 5-20R. ## RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R. ## RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R. ## RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R. ## RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX, NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX, CONNECTED TO UPS: NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX, CONNECTED TO UPS: NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX, CONNECTED TO UPS: NEMA 5-20R. ## RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. ## RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. ## RECEPTACLE, GUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. ## RECEPTACLE, GUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. ## RECEPTACLE, GUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. ## RECEPT	09 (1) 10 (1) 11 (1) 12 (1) 13 (1) 16 (1) 17 (1) 16 (1) 17	T) CC E T IM TP H S T CTRICA	UTILITY, TELEPHONE MANHOLE. PRECAST CONCRETE, COMMUNICATION VAULT. PRECAST CONCRETE, ELECTRICAL VAULT. PRECAST CONCRETE, TELEPHONE VAULT. PRECAST CONCRETE, MANHOLE, TRANSFORMER VAULT. PRECAST CONCRETE, TRANSFORMER PAD. HAND HOLE. SUBSTATION. TRANSFORMER. AL POWER AND DISTRIBUTION FUSE WITH RATING (ONE-LINE DIAGRAM). DISCONNECT, FUSED (ONE-LINE DIAGRAM).
RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WET LABEL, "WEATHERPROOF IN USE": NEMA 5-20R. RECEPTACLE, DUPLEX, WEATHERPROOF: NEMA 5-20R. RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 6-20R. RECEPTACLE, DUPLEX, ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX, CONNECTED TO UPS: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R. RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R. RECEPTACLE, DUPLEX, SWITCHED, RECESSED: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, CONNECTED TO UPS: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, REPEAR WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, REPEAR WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, REPEAR WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DURDEA SECRETAR INTERPROPERSOR OF CONFIGURATION AND DEVICES. POWER POLE: "#" SHOWN ON DRAWINGS, REFER TO WIRI	10 (1) 11 (1) 12 (1) 13 (1) 15 (1) 16 (1) 17 (1) 10 10 10 10 10 10 10 10 10 10 10 10 10	C E T T T T T T T T T T T T T T T T T T	PRECAST CONCRETE, COMMUNICATION VAULT. PRECAST CONCRETE, ELECTRICAL VAULT. PRECAST CONCRETE, TELEPHONE VAULT. PRECAST CONCRETE, MANHOLE, TRANSFORMER VAULT. PRECAST CONCRETE, TRANSFORMER PAD. HAND HOLE. SUBSTATION. TRANSFORMER. LL POWER AND DISTRIBUTION FUSE WITH RATING (ONE-LINE DIAGRAM). DISCONNECT, FUSED (ONE-LINE DIAGRAM).
W W INTERRUPTER, WET LABEL, "WEATHERPROOF IN USE": NEMA 5-20R. → RECEPTACLE, DUPLEX, WEATHERPROOF: NEMA 5-20R. → RECEPTACLE, DUPLEX, HOSPITAL GRADE: NEMA 5-20R. → RECEPTACLE, DUPLEX, ON EMERGENCY POWER: NEMA 5-20R. → POWER: NEMA 5-20R. → RECEPTACLE, DUPLEX, CONNECTED TO UPS: NEMA 5-20R. → RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. → RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. → RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R. → RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R. → RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. → RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R. → RECEPTACLE, DUPLEX, SWITCHED, RECESSED: NEMA 6-20R. → RECEPTACLE, DUPLEX, SWITCHED, RECESSED: NEMA 6-20R. → RECEPTACLE, DUADRAPLEX, NEMA 5-20R. → RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 6-20R. → RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 6-20R. → RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 6-20R. → RECEPTACLE, QUADRAPLEX, CONNECTED TO UPS: NEMA 6-20R. → RECEPTACLE, QUADRAPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 6-20R. → RECEPTACLE, QUADRAPLEX, CONNECTED TO UPS: NEMA 6-20R. → RECEPTACLE, GEAL PURPOSE, PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG. → RECEPTACLE, DEPOLITABLE, WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 6-20R. → RECEPTACLE, DEPOLITABLE, WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 6-20R. → RECEPTACLE, DEPOLITABLE, WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 6-20R. → RECEPTACLE, DEPOLITABLE, WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 6-20R. → RECEPTACLE, COLOR HANGE: NEMA 6-20R. → RECEPTACLE, DEPOLITABLE, WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 6-20R. → RECEPTACLE, DEPOLITABLE, WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 6-20R. → RECEPTACLE, DEPOLITABLE, WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 6-20R. → RECEPTACLE, DEPOLITABLE, WITH GROUND FAULT CIRCUIT INTERPR	12	E T TM TP H S T CTRICA	PRECAST CONCRETE, ELECTRICAL VAULT. PRECAST CONCRETE, TELEPHONE VAULT. PRECAST CONCRETE, MANHOLE, TRANSFORMER VAULT. PRECAST CONCRETE, TRANSFORMER PAD. HAND HOLE. SUBSTATION. TRANSFORMER. L POWER AND DISTRIBUTION FUSE WITH RATING (ONE-LINE DIAGRAM). DISCONNECT, FUSED (ONE-LINE DIAGRAM).
RECEPTACLE, DUPLEX HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, DUPLEX ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: WEATHER PROOF: NEMA 5-20R. RECEPTACLE, DUPLEX, SWITCHED, RECESSED: NEMA 5-20R. RECEPTACLE, DUPLEX, SWITCHED, RECESSED: NEMA 5-20R. RECEPTACLE, OUADRAPLEX: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, CONNECTED TO UPS: NEMA 6-20R. RECEPTACLE, QUADRAPLEX, CONNECTED TO UPS: NEMA 6-20R. RECEPTACLE, QUADRAPLEX, CONNECTED TO UPS: NEMA 6-20R. RECEPTACLE, QUADRAPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 6-20R. RECEPTACLE, OUADRAPLEX, CONNECTED TO UPS: NEMA 6-20R. RECEPTACLE, GUADRAPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 6-20R. RECEPTACLE, DATER WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 6-20R. RECEPTACLE, DATER: NEMA 14-30R. RECEPTACLE, SPECIAL PURPOSE ON EMERGENCY POWER. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG. RECEPTACLE, RANGE: NEMA 14-50R. RECEPTACLE, RANGE: NEMA 14-50R. RECEPTACLE, RANGE: NEMA 14-50R. RECEPTACLE, SPECIAL PURPOSE ON EMERGENCY POWER. PROVIDE RECEPTACLE TO WIRNED SPECIFICATIONS FOR CONFIGURATION AND DEVICES. POWER POLL: ""S HOWN ON DRAWINGS. REFER TO WIRNING POWER SPECIFICATIONS FOR CONFIGURATION AND DEVICES. POWER POLL: ""S HOWN ON DRAWINGS. REFER TO WIRNING POWER SPECIFICATIONS FOR CONFIGURATION AND DEVICES.	13 T 14 T 15 [1 16 [1] 00 ELEC 01 — [1] 02 03 04 1	TP H S T CTRICA	PRECAST CONCRETE, MANHOLE, TRANSFORMER VAULT. PRECAST CONCRETE, TRANSFORMER PAD. HAND HOLE. SUBSTATION. TRANSFORMER. AL POWER AND DISTRIBUTION FUSE WITH RATING (ONE-LINE DIAGRAM). DISCONNECT, FUSED (ONE-LINE DIAGRAM).
RECEPTACLE, DUPLEX HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, DUPLEX ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER; NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER; HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER; WEATHERPROOF: NEMA 5-20R. RECEPTACLE, DUPLEX, SWITCHED, RECESSED: NEMA 5-20R. RECEPTACLE, DUPLEX, SWITCHED, RECESSED: NEMA 5-20R. RECEPTACLE, QUADRAPLEX; NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, GUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, SUBJECTATION ON THE REPORT OF THE RECEPTACLE TO MATCH EQUIPMENT PLUG. RECEPTACLE, SPECIAL PURPOSE ON EMERGENCY POWER. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG. RECEPTACLE, SPECIAL PURPOSE ON EMERGENCY POWER. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG. RECEPTACLE, SPECIAL PURPOSE ON EMERGENCY POWER. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG. RECEPTACLE, SPECIAL PURPOSE ON EMERGENCY POWER. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG. RECEPTACLE, SPECIAL PURPOSE ON EMERGENCY POWER. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG. THE REPORT OF	14 T 15 T 16 T 17 T 10	TP H S CTRICA	PRECAST CONCRETE, TRANSFORMER PAD. HAND HOLE. SUBSTATION. TRANSFORMER. AL POWER AND DISTRIBUTION FUSE WITH RATING (ONE-LINE DIAGRAM). DISCONNECT, FUSED (ONE-LINE DIAGRAM).
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RECEPTACLE, DUPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX, CONNECTED TO UPS: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R. RECEPTACLE, DUPLEX, SWITCHED, RECESSED: NEMA 5-20R. RECEPTACLE, DUPLEX, SWITCHED, RECESSED: NEMA 5-20R. RECEPTACLE, QUADRAPLEX: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DIPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DIPLEX, SWITCH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DIPLEX, SWITCH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, SPECIAL PURPOSE ON EMERGENCY POWER. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG. RECEPTACLE, RANGE: NEMA 14-30R. RECEPTACLE, RANGE: NEMA 14-30R. RECEPTACLE, RANGE: NEMA 14-50R. DROP CORD. SEE DETAIL. THERMOSTAT. FUSH FLOOR BOX. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. DOWER POLE. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. POWER POLE. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.	16 [17 [17 [17 [17 [17 [17 [17 [17 [17 [17	S T CTRICA	SUBSTATION. TRANSFORMER. AL POWER AND DISTRIBUTION FUSE WITH RATING (ONE-LINE DIAGRAM). DISCONNECT, FUSED (ONE-LINE DIAGRAM).
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RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R. RECEPTACLE, DUPLEX, RECESSED: NEMA 5-20R. RECEPTACLE, DUPLEX, SWITCHED, RECESSED: NEMA 5-20R. RECEPTACLE, QUADRAPLEX: NEMA 5-20R. RECEPTACLE, QUADRAPLEX: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, CONNECTED TO UPS: NEMA 5-20R. RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, SPECIAL PURPOSE. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG. RECEPTACLE, SPECIAL PURPOSE ON EMERGENCY POWER. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG. RECEPTACLE, SPECIAL PURPOSE ON EMERGENCY POWER. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG. RECEPTACLE, RANGE: NEMA 14-50R. RECEPTACLE, CLOCK HANGER: NEMA 5-15R. MULTI-OUTLET ASSEMBLY: NEMA 5-20R. DROP CORD. SEE DETAIL. THERMOSTAT. FLUSH FLOOR BOX. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. POWER POWER POLE. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. PT## SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. SWITCH, DIMMER. * SWITCH, DIMMER. * SWITCH, DIMMER.	00 ELEC 01 — I 02	CTRICA	L POWER AND DISTRIBUTION FUSE WITH RATING (ONE-LINE DIAGRAM). DISCONNECT, FUSED (ONE-LINE DIAGRAM).
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RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, DUPLEX, WITH GROUND FAULT CIRCUIT INTERRUPTER, WEATHERPROOF: NEMA 5-20R. RECEPTACLE, DUPLEX, SWITCHED, RECESSED: NEMA 5-20R. RECEPTACLE, QUADRAPLEX: NEMA 5-20R. RECEPTACLE, QUADRAPLEX: NEMA 5-20R. RECEPTACLE, QUADRAPLEX ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, CONNECTED TO UPS: NEMA 5-20R. RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, SPECIAL PURPOSE. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG. RECEPTACLE, SPECIAL PURPOSE ON EMERGENCY POWER. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG. RECEPTACLE, RANGE: NEMA 14-30R. RECEPTACLE, CLOCK HANGER: NEMA 5-15R. MULTI-OUTLET ASSEMBLY: NEMA 5-20R. DROP CORD. SEE DETAIL. THERMOSTAT. FLUSH FLOOR BOX. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. POWER POWER POLE. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. PT## SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. PT## SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. PT## SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. BUSITCH, DIMMER. X SWITCH, DIMMER.	01 — [02		FUSE WITH RATING (ONE-LINE DIAGRAM). DISCONNECT, FUSED (ONE-LINE DIAGRAM).
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## INTERRUPTER, WEATHERPROOF: NEMA 5-20R. RECEPTACLE, DUPLEX, RECESSED: NEMA 5-20R. RECEPTACLE, QUADRAPLEX: NEMA 5-20R. RECEPTACLE, QUADRAPLEX: NEMA 5-20R. RECEPTACLE, QUADRAPLEX: NEMA 5-20R. RECEPTACLE, QUADRAPLEX ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, QUADRAPLEX, HOSPITAL GRADE ON EMERGENCY POWER: NEMA 5-20R. RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER: NEMA 5-20R. RECEPTACLE, SPECIAL PURPOSE. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG. RECEPTACLE, SPECIAL PURPOSE ON EMERGENCY POWER. PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG. RECEPTACLE, RANGE: NEMA 14-30R. RECEPTACLE, RANGE: NEMA 14-50R. C RECEPTACLE, RANGE: NEMA 14-50R. C RECEPTACLE, CLOCK HANGER: NEMA 5-15R. MULTI-OUTLET ASSEMBLY: NEMA 5-20R. D DROP CORD. SEE DETAIL. T THERMOSTAT. FIUSH FLOOR BOX. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. POWER POLE. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. PT## SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. \$ SWITCH, DIMMER. X SWITCH, DIMMER.	04		
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PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG. B RECEPTACLE, DRYER: NEMA 14-30R. RECEPTACLE, RANGE: NEMA 14-50R. RECEPTACLE, CLOCK HANGER: NEMA 5-15R. MULTI-OUTLET ASSEMBLY: NEMA 5-20R. D DROP CORD. SEE DETAIL. T HERMOSTAT. FLUSH FLOOR BOX. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. POWER POLE. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. PT# FLUSH FIRE RATED POKE THRU. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. D SWITCH, DIMMER. SWITCH, DIMMER.	06	<u> </u>	
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MULTI-OUTLET ASSEMBLY: NEMA 5-20R. DROP CORD. SEE DETAIL. THERMOSTAT. FLUSH FLOOR BOX. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. POWER POLE. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. PT# FLUSH FIRE RATED POKE THRU. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. \$ SWITCH, DIMMER. X SWITCH, SINGLE POLE ("x" INDICATES FIXTURES CONTROLLED).		i	CIRCUIT BREAKER, MOLDED CASE (ONE-LINE DIAGRAM).
D DROP CORD. SEE DETAIL. T THERMOSTAT. FLUSH FLOOR BOX. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. POWER POLE. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. PT# FLUSH FIRE RATED POKE THRU. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. \$\Phi\$ SWITCH, DIMMER. X \$ SWITCH, SINGLE POLE ("x" INDICATES FIXTURES CONTROLLED).	08	Ţ	CIRCUIT BREAKER, MOLDED CASE WITH SHUNT TRIP
THERMOSTAT. FLUSH FLOOR BOX. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. POWER POLE. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. FLUSH FIRE RATED POKE THRU. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. SWITCH, DIMMER. X \$ SWITCH, SINGLE POLE ("x" INDICATES FIXTURES CONTROLLED).	•	Ì	(ONE-LINE DIAGRAM).
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WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. POWER POLE. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. FLUSH FIRE RATED POKE THRU. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. Whith simple pole ("x" indicates fixtures controlled).		Ì	(ONE-LINE DIAGRAM).
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DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. FLUSH FIRE RATED POKE THRU. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. SWITCH, DIMMER. X SWITCH, SINGLE POLE ("x" INDICATES FIXTURES CONTROLLED).			ONCOME BREAKER, GOLD OWNE (ONE LINE BINGIVAN).
CONFIGURATION AND DEVICES. FLUSH FIRE RATED POKE THRU. "#" SHOWN ON DRAWINGS. REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES. D SWITCH, DIMMER. X SWITCH, SINGLE POLE ("x" INDICATES FIXTURES CONTROLLED).	11		CIRCUIT BREAKER, SOLID STATE WITH GROUND FAULT
PT# REFER TO WIRING DEVICE SCHEDULE IN THE ELECTRICAL SPECIFICATIONS FOR CONFIGURATION AND DEVICES.		→ GFP	PROTECTION (ONE-LINE DIAGRAM).
SPECIFICATIONS FOR CONFIGURATION AND DEVICES. SWITCH, DIMMER. X \$ SWITCH, SINGLE POLE ("x" INDICATES FIXTURES CONTROLLED).	12	\supset	MOTOR.
X \$ SWITCH, SINGLE POLE ("x" INDICATES FIXTURES CONTROLLED).		<u>L</u> /	COMBINATION RESIDENTIAL EXHAUST FAN/LIGHT.
	45	F	EXHAUST FAN OUTLET.
X I		~~	HEATER, ELECTRIC RESISTANCE.
\$2 SWITCH, DOUBLE POLE ("x" INDICATES FIXTURES CONTROLLED).	16 <u>U</u>	₩	TRANSFORMER (ONE-LINE DIAGRAM).
X \$3 SWITCH, THREE-WAY ("x" INDICATES FIXTURES CONTROLLED).	17	111	·
X \$4 SWITCH, FOUR-WAY ("x" INDICATES FIXTURES CONTROLLED).	10	3 ⊱	TRANSFORMER, CURRENT (ONE-LINE DIAGRAM).
\$DS SWITCH, DOOR.		+	BATTERY (ONE-LINE DIAGRAM).
\$K SWITCH, KEY OPERATED.) -	CAPACITOR (ONE-LINE DIAGRAM).
\$LM SWITCH, LOW VOLTAGE MASTER.	20	\triangle	DELTA CONNECTION (ONE-LINE DIAGRAM).
SM SWITCH, MOMENTARY.	21	<u> </u>	WYE CONNECTION (ONE-LINE DIAGRAM).
SWITCH, OCCUPANCY SENSOR.	22	=	
SWITCH, PILOT LIGHT.	22		
SWITCH, TIMER OPERATED.	"1	1H"	PANELBOARD (ONE-LINE DIAGRAM).
WP SWITCH, WEATHERPROOF.			
RECEPTACLE, DUPLEX, TAMPER RESISTANT: NEMA 5-20R.	23	5/3	
RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE: NEMA 5-20R.	"1	1H"	PANELBOARD WITH MAIN LUGS ONLY. BUS SIZE AND PHASE A SHOWN (ONE-LINE DIAGRAM).
RECEPTACLE, QUADRAPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, HOSPITAL GRADE ON EMERGENCY POWER:	24		
NEMA 5-20R.	24	25/3	PANELBOARD WITH MAIN CIRCUIT BREAKER. SIZE AND PHASE
RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, CONNECTED TO UPS: NEMA 5-20R.	"1	1H"	AS SHOWN (ONE-LINE DIAGRAM).
RECEPTACLE, SINGLE PLEX, WITH USB OUTLET	 		
RECEPTACLE, DULEX, RECESSED, NEMA 5-20R, AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUPANCY BASED	U U	25/3	
CONTROLS (REFER TO PLANS FOR CONTROL METHOD)	25	1H"	PANELBOARD WITH MAIN AND SUB FEED CIRCUIT BREAKER
RECEPTACLE, QUADRAPLEX, RECESSED, NEMA 5-20R, AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUPANCY	22	, ,	(ONE-LINE DIAGRAM).
BASED CONTROLS (REFER TO PLANS FOR CONTROL METHOD)	22	,_	
INDICATES A RECEPTACLE IS AUTOMATICALLY CONTROLLED THROUGH TIME OR OCCUPANCY BASED CONTROLS (REFER TO	"1		

CVMPOL	SYMBOLS LEGEND
SYMBOL	DESCRIPTION CAL POWER AND DISTRIBUTION
30	AL POWER AND DISTRIBUTION
=	CT CABINET PER UTILITY'S REQUIREMENTS (ONE-LINE DIAGRAM).
<u> </u>	
31 []	
	TRANSFER SWITCH (ONE-LINE DIAGRAM).
32	
DMN	DIGITAL MULTIMETER (ONE-LINE DIAGRAM).
33 * '	
34 ^	SERVICE ENTRANCE SURGE PROTECTION (ONE-LINE DIAGRAM).
—⟨G⟩	GENERATOR, ANNUNCIATOR (ONE-LINE DIAGRAM).
35 G	GENERATOR, POWER (ONE-LINE DIAGRAM).
36 M	METER.
BBF	BROAD BAND FILTER (ONE-LINE DIAGRAM).
38 VFC VFD	VARIABLE FREQUENCY MOTOR CONTROLLER (ONE-LINE DIAGRAM).
39	DIODE (ONE-LINE DIAGRAM).
40	<u> </u>
41 7	AERIAL SERVICE WEATHER HEAD (ONE-LINE DIAGRAM).
∵	DISCONNECT SWITCH, FUSED.
	DISCONNECT SWITCH, UNFUSED.
43 X h	STARTER, COMBINATION WITH DISCONNECT SWITCH.
44	STARTER OR MOTOR CONTROLLER.
45	PUSHBUTTON.
46	PUSHBUTTONS, MOTOR CONTROL.
47	PANELBOARD CABINET, FLUSH MOUNTED.
48	
49	PANELBOARD CABINET, SURFACE MOUNTED, 1 SECTION.
50	PANELBOARD CABINET, SURFACE MOUNTED, 2 SECTION.
DP#	DISTRIBUTION PANEL OR SWITCHBOARD.
51 LP	LIGHTING RELAY, CONTACTOR PANEL, OR DIMMING ENCLOSURE.
52 =	LIGHTING CONTROL STATION.
53	DIMMING ENTRY STATION OR CONTROL STATION, FLUSH MOUNTED.
54	CENTRAL PROCESSOR UNIT.
55 \$ST	SWITCH, TOGGLE MOTOR STARTER WITH OVERLOAD
56 75	PROTECTION. TRANSFORMER: NUMBER INDICATES kVA.
57 B B	BUSWAY.
58	
T] T] 59	DUCT, TROLLEY.
60	RELAY CONTACT, NORMALLY CLOSED (ONE-LINE DIAGRAM).
$\dashv\vdash$	RELAY CONTACT, NORMALLY OPEN (ONE-LINE DIAGRAM).
هله	PUSHBUTTON, NORMALLY CLOSED (ONE-LINE DIAGRAM).
62	PUSHBUTTON, NORMALLY OPEN (ONE-LINE DIAGRAM).
63	PRESSURE SWITCH, CLOSE ON INCREASE (ONE-LINE DIAGRAM).
64 oTo	PRESSURE SWITCH, OPEN ON INCREASE (ONE-LINE DIAGRAM).
65 oto	
66 0,0	SWITCH, NORMALLY CLOSED FLOAT (ONE-LINE DIAGRAM).
67	SWITCH, NORMALLY OPEN FLOAT (ONE-LINE DIAGRAM).
-040-	SWITCH, NORMALLY CLOSED LIMIT (ONE-LINE DIAGRAM).
68 - 0	SWITCH, NORMALLY OPEN LIMIT (ONE-LINE DIAGRAM).
69 -0-50-	SWITCH, NORMALLY CLOSED TEMPERATURE ACTIVATED (ONE-LINE DIAGRAM).
70 -0-0-	SWITCH, NORMALLY OPEN TEMPERATURE ACTIVATED (ONE-LINE DIAGRAM).
71 -0	SWITCH, NORMALLY CLOSED TIME DELAY (ONE-LINE DIAGRAM).
72 -0-10-	SWITCH, NORMALLY OPEN TIME DELAY (ONE-LINE DIAGRAM).
73	SWITCH, NORMALLY CLOSED FOOT OPERATED (ONE-LINE
74 0-	DIAGRAM).
0 0− 0− 75	SWITCH, MULTIPOSITION (ONE-LINE DIAGRAM).
/°	SWITCH, SINGLE BREAK (ONE-LINE DIAGRAM).
	SPECIALIZED TRANSFER SWITCH (ONE-LINE DIAGRAM).
77	<u></u>
(нс)	ACCESSIBLE DOOR ENTRY PUSH PLATE OPERATOR.
78	
	CIRCUIT BREAKER, DRAW OUT (ONE-LINE DIAGRAM).
1	OF MEDITOR ENGINE START MONITORING SWOTEN SENERATOR
79 GESM	GENERATOR ENGINE START MONITORING SYSTEM GENERATOR
79 GESM 80 ESM	MODULE (ONE-LINE DIAGRAM). GENERATOR ENGINE START MONITORING SYSTEM GENERATOR MODULE (ONE-LINE DIAGRAM).

ABBREVIATIONS

	ABBREV NOTE: ALL ABBREVIATION		
1P	SINGLE POLE	kV	KILOVOLT
1PH 1WAY	SINGLE-PHASE ONE-WAY	kVA kVAR	KILOVOLT AMPERE KILOVOLT AMPERE REACTIVE
2/C	TWO-CONDUCTOR	kW	KILOWATT
2WAY 3/C	TWO-WAY THREE-CONDUCTOR	kWh LED	KILOWATT HOUR LIGHT EMITTING DIODE
3WAY	THREE-WAY	LFMC	LIQUID TIGHT FLEXIBLE METAL
4OUT	QUADRUPLE RECEPTACLE OUTLET	LFNC	CONDUIT LIQUID TIGHT FLEXIBLE
4PDT	FOUR-POLE DOUBLE THROW		NONMETALLIC CONDUIT
4PST 4W	FOUR-POLE SINGLE THROW FOUR-WIRE	LPS LRA	LOW PRESSURE SODIUM LOCKED ROTOR AMPS
4VV 4WAY	FOUR-WAY	LTG	LIGHTING
A	ABOVE COUNTER	LV MATV	LOW VOLTAGE MASTER ANTENNA TELEVISION
AC ADA	ARMORED CABLE AMERICANS WITH DISABILITIES		SYSTEM
ADJ	ACT ADJACENT	MAX MC	MAXIMUM METAL CLAD
AFF	ABOVE FINISHED FLOOR	MCA	MINIMUM CIRCUIT AMPS
AFG	ABOVE FINISHED GRADE	MCB MCC	MAIN CIRCUIT BREAKER MOTOR CONTROL CENTER
AIC	AMPERE INTERRUPTING CAPACITY	MCP	MOTOR CIRCUIT PROTECTION
ALUM AMP	ALUMINUM AMPERE	MDP MG	MAIN DISTRIBUTION PANEL MOTOR GENERATOR
ANN	ANNUNCIATOR	MH	MANHOLE
AP	ACCESS POINT (WIRELESS DATA)	MIN	MINIMUM
AR	AS REQUIRED	MLO MOCP	MAIN LUGS ONLY MAXIMUM OVERCURRENT
ASC ATS	AMPS SHORT CIRCUIT AUTOMATIC TRANSFER	MTS	PROTECTION MANUAL TRANSFER SWITCH
AIS	SWITCH SWITCH	NA	MANUAL TRANSFER SWITCH NOT APPLICABLE
AV AWG	AUDIO VISUAL AMERICAN WIRE GAGE	NC	NORMALLY CLOSED
BB	BUCK-BOOST TRANSFORMER	NEC NEMA	NATIONAL ELECTRICAL CODE NATIONAL ELECTRICAL
XFMR C	CEILING MOUNTED		MANUFACTURERS ASSOCIATION
CATV	COMMUNITY ANTENNA	NFC	NATIONAL FIRE CODE
СВ	TELEVISION CIRCUIT BREAKER	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CCBA	CUSTOM COLOR AS SELECTED	NIC	NOT IN CONTRACT
CCTV	BY ARCHITECT CLOSED CIRCUIT TELEVISION	NL	NIGHT LIGHT
CF/CI	CONTRACTOR FURNISHED/	NO NTS	NORMALLY OPEN NOT TO SCALE
CF/OI	CONTRACTOR INSTALLED CONTRACTOR FURNISHED/	OC	ON CENTER
	OWNER INSTALLED	OCP OF/CI	OVER CURRENT PROTECTION OWNER FURNISHED/
CFBA	CUSTOM FINISH AS SELECTED BY ARCHITECT	OF/OI	CONTRACTOR INSTALLED OWNER FURNISHED/ OWNER
CKT	CIRCUIT	OF/OI	INSTALLED
CM CND	CONSTRUCTION MANAGER CONDUIT	OFP OH DR	OBTAIN FROM PLANS OVERHEAD (COILING) DOOR
CO	CONVENIENCE OUTLET	OL	OVERLOAD
COR	CONTRACTING OFFICER'S REPRESENTATIVE	PB PF	PUSHBUTTON POWER FACTOR
CP CT	CONTROL PANEL CURRENT TRANSFORMER	PH	PHASE
CTV	CABLE TELEVISION	PNL PT	PANEL POTENTIAL TRANSFORMER
CU	COPPER	PTZ	PAN/TILT/ZOOM
dBA DPDT	UNIT OF SOUND LEVEL DOUBLE POLE, DOUBLE	QTY	QUANTITY
DS	THROW DISCONNECT SWITCH	R RCP	REMOVE REFLECTED CEILING PLAN
EA	EACH	RMC	RIGID METAL CONDUIT
EM	EMERGENCY	RNC RPM	RIGID NONMETAL CONDUIT REVOLUTIONS PER MINUTE
EMT ENT	ELECTRICAL METALLIC TUBING ELECTRIC NONMETALLIC	RR	REMOVE AND RELOCATE
EPO	TUBING EMERGENCY POWER OFF	S/S SCA	START/STOP SHORT CIRCUIT AMPS
EQUIP	EQUIPMENT	SCBA	STANDARD COLOR AS SELECTED BY ARCHITECT
EX F	EXISTING FURNITURE MOUNTED	SF	SQUARE FOOT (FEET)
FA	FIRE ALARM	SFBA	STANDARD FINISH AS SELECTED BY ARCHITECT
FCP	FIRE ALARM CONTROL PANEL	SPD	SURGE PROTECTIVE DEVICE
FLA FMC	FULL LOAD AMPS FLEXIBLE METAL CONDUIT	SPDT	SINGLE POLE, DOUBLE THROW
FOB	FREIGHT ON BOARD	SPEC SPST	SPECIFICATION SINGLE POLE, SINGLE THROW
FVNR	FULL VOLTAGE NON-REVERSING	ST	SINGLE THROW
FVR GEN	FULL VOLTAGE REVERSING GENERATOR	SWBD SWGR	SWITCHBOARD SWITCHGEAR
GFCI	GROUND FAULT INTERRUPTER	TL	TWIST LOCK
GFP	GROUND FAULT PROTECTION	TP TP	TELEPHONE POLE TWISTED PAIR
GND HD	GROUND HEAVY DUTY	TTB	TELEPHONE TERMINAL BOARD
HID	HIGH INTENSITY DISCHARGE	TV TVSS	TELEVISION TRANSIENT VOLTAGE SURGE
HOA HP	HAND-OFF-AUTOMATIC HORSE POWER		SUPPRESSER
HPF	HIGH POWER FACTOR	TYP UF	TYPICAL UNDERFLOOR
HPS HV	HIGH PRESSURE SODIUM HIGH VOLTAGE	UGND	UNDERGROUND
HZ	HERTZ	UPS	UNINTERRUPTIBLE POWER SUPPLY
I/O IG	INPUT/ OUTPUT ISOLATED GROUND	V	VOLTS
IMC	INTERMEDIATE METAL	VA VFC/VF	VOLT AMPERE VARIABLE FREQUENCY MOTOR
IN/IS	CONDUIT INSULATED/ ISOLATED	D	CONTROLLER
IR	INFRARED	W/ W/O	WITH WITHOUT
J-BOX	JUNCTION BOX	WP	WEATHERPROOF
		XFMR	TRANSFORMER

DEFINITIONS

NOTE: ALL DEFINITIONS MAY NOT BE USED. INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCATE THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.

DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED BY THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES. APPROVED: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THE ENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND

FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."

REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS

STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.

INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECT SITE INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."

PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE."

INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

TECHNOLOGY SYSTEMS: THE TERM "TECHNOLOGY SYSTEMS" IS USED TO DESCRIBE ALL LOW VOLTAGE SYSTEMS GENERALLY REFERRED TO AS "SPECIAL SYSTEMS". THESE SYSTEMS INCLUDE BUT ARE NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 71 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC...

GENERAL ELECTRICAL NOTES

- CLARIFICATION METHODS: AT THE TIME OF BIDDING, BIDDERS SHALL FAMILIARIZE THEMSELVES WITH THE DRAWINGS AND SPECIFICATIONS. ANY QUESTIONS. MISUNDERSTANDINGS, CONFLICTS, DELETIONS, DISCONTINUED PRODUCTS, CATALOG NUMBER DISCREPANCIES, DISCREPANCIES BETWEEN THE EQUIPMENT SUPPLIED AND THE INTENT OR FUNCTION OF THE EQUIPMENT, ETC, SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER IN WRITING FOR CLARIFICATION PRIOR TO ISSUANCE OF THE FINAL ADDENDUM AND BIDDING OF THE PROJECT. WHERE DISCREPANCIES OR MULTIPLE INTERPRETATIONS OCCUR, THE MOST STRINGENT (WHICH IS GENERALLY RECOGNIZED AS THE MOST COSTLY) THAT MEETS THE INTENT OF THE DOCUMENTS SHALL BE ENFORCED.
- OWNER FURNISHED ITEMS: THE OWNER WILL FURNISH MATERIAL AND EQUIPMENT AS INDICATED IN THE CONTRACT DOCUMENTS TO BE INCORPORATED INTO THE WORK. THESE ITEMS ARE ASSIGNED TO THE INSTALLER AND COSTS FOR RECEIVING, HANDLING, STORAGE, IF REQUIRED, AND INSTALLATION ARE INCLUDED IN THE CONTRACT SUM.
 - A. THE INSTALLER'S RESPONSIBILITIES ARE THE SAME AS IF THE INSTALLER FURNISHED THE MATERIALS OR EQUIPMENT.
 - THE OWNER WILL ARRANGE AND PAY FOR DELIVERY OF OWNER FURNISHED ITEMS FREIGHT ON BOARD JOB SITE AND THE INSTALLER WILL INSPECT DELIVERIES FOR DAMAGE. IF OWNER FURNISHED ITEMS ARE DAMAGED, DEFECTIVE OR MISSING, DOCUMENT DAMAGED ITEMS WITH THE TRANSPORT COMPANY AND THE OWNER WILL ARRANGE FOR REPLACEMENT. THE OWNER WILL ALSO ARRANGE FOR MANUFACTURER'S FIELD SERVICES, AND THE DELIVERY OF MANUFACTURER'S WARRANTIES AND BONDS TO THE INSTALLER.
 - THE INSTALLER IS RESPONSIBLE FOR DESIGNATING THE DELIVERY DATES OF OWNER FURNISHED ITEMS AND FOR RECEIVING, UNLOADING AND HANDLING OWNER FURNISHED ITEMS AT THE SITE. THE INSTALLER IS RESPONSIBLE FOR PROTECTING OWNER FURNISHED ITEMS FROM DAMAGE, INCLUDING DAMAGE FROM EXPOSURE TO THE ELEMENTS, AND TO REPAIR OR REPLACE ITEMS DAMAGED AS A RESULT OF HIS OPERATIONS.
- EXPOSED STRUCTURE AREAS (EXCLUDING MECHANICAL, ELECTRICAL, AND COMMUNICATION SPACES): INSTALL RACEWAYS BETWEEN DECK AND STRUCTURE WHEREVER POSSIBLE IN EXPOSED STRUCTURE CEILING AREAS. ROUTE RACEWAYS IN CONCEALED AREAS WHEREVER POSSIBLE. REFER ALL CONDITIONS WHERE RACEWAYS MUST BE INSTALLED WHICH CANNOT COMPLY WITH THESE REQUIREMENTS TO THE ARCHITECT.
- SUBMITTALS: PROVIDE ORIGINAL ELECTRONIC PDF FORMAT, BOUND, BOOKMARKED (EACH SECTION AND PRODUCT), AND HIGHLIGHTED. JOB NAME AND SUBCONTRACTOR SHALL BE ON THE FRONT COVER. PREPARE INDEX OF EQUIPMENT SUBMITTED IN EACH TAB.

REFLECTED CEILING PLANS: COORDINATE THE LOCATION OF LIGHT FIXTURES

DISCREPANCIES TO THE ARCHITECT AND ENGINEER. ALL WORK SHALL BE DONE ACCORDING TO THE CURRENT NATIONAL ELECTRIC CODE (NEC), IBC, NFPA, AND IFC. COMPLIANCE AND FINAL APPROVAL IS SUBJECT

TO THE ON SITE FIELD INSPECTION OF THE AHJ.

WITH THE ARCHITECTURAL REFLECTED CEILING PLANS. REFER ALL

SITE COORDINATION

THE LOCATION, CAPACITY, AND VOLTAGE OF THE LINES ARE ALL IN ACCORDANCE WITH DATA GIVEN THIS OFFICE BY THE UTILITY COMPANY. COORDINATE WITH THE LOCAL UTILITY COMPANY FOR THE INSTALLATION OF THE ELECTRICAL SERVICE. COMPLY WITH UTILITY REGULATIONS. REPORT DISCREPANCIES TO THE ENGINEER.

ELECTRIC UTILITY

PERSON CONTACTED: ROCKY MOUNTAIN POWER PHONE NUMBER: -

TELEPHONE UTILITY

ADDRESS

PERSON CONTACTED: PHONE NUMBER: -

CENTURYLINK

CABLE UTILITY

AT&T BROADBAND SERVICES PHONE NUMBER: CITY, STATE, ZIP

TYPE OF UTILITY

PERSON CONTACTED: NAME OF UTILITY

PHONE NUMBER: -ADDRESS CITY, STATE, ZIP

EY602 ACCESS CONTROL DOOR SCHEDULE

EC102 LEVEL 2 SYSTEMS PLAN

FA102 LEVEL 2 FIRE ALARM PLAN

EC601 SYSTEMS DIAGRAMS

FA601 FIRE ALARM RISER

PERSON CONTACTED:

E	ELECTRICAL SHEET INDEX
EE001	SHEET INDEX, ABBREVIATIONS, AND GENERAL NOTES
EE002	SYMBOLS LEGEND
EE601	PANEL SCHEDULES
EE701	TYPICAL MOUNTING HEIGHT DETAILS
EDP102	DEMOLITION POWER PLAN - LEVEL 02
EDL102	DEMOLITION LIGHTING PLAN - LEVEL 02
EP102	POWER PLAN - LEVEL 02
EP401	ENLARGED / TYPICAL POWER PLANS
EP601	ONE-LINE DIAGRAM
EL102	LIGHTING PLAN - LEVEL 02
EL601	INTERIOR LIGHTING FIXTURE SCHEDULE
EL602	LIGHTING CONTROL SCHEDULES
ET001	TELECOM SCHEDULES AND NOTES
ET102	TELECOM PLAN - LEVEL 02
ET401	ENLARGED TELECOM PLANS
ET501	TELECOM EQUIPMENT RACK ELEVATIONS
ET502	TELECOM DETAILS
ET503	TELECOM DETAILS
ET504	TELECOM EQUIPMENT RACK GROUNDING DETAIL
ET601	TELECOM RISER DIAGRAMS
EY102	LEVEL 2 AUXILIARY PLAN
EY601	AUXILIARY DIAGRAMS









DATE DESCRIPTION

CLIENT NUMBER: DATE:

OCT. 30 2020

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ABBREVIATIONS, AND GENERAL NOTES

	SYMBOLS LEGEND
SYMBOL	DESCRIPTION
LIGHTING (REFER TO FIXTURE SCHEDULE FOR SYMBOLS)
(W-3)	FIXTURE IDENTIFICATION: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
(W-3)	FIXTURE IDENTIFICATION, EMERGENCY WITH BATTERY PACK, CONNECTED TO GENERATOR AS INDICATED: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.
)3 EM	EMERGENCY.
)4 NL	NIGHT LIGHT: DO NOT SWITCH.
↑ 06	EGRESS DIRECTION ARROW (EXIT SIGNS).
)7 -	LOW VOLTAGE LIGHTING TRANSFORMER.
08	EXIT SIGN: SINGLE FACE; CEILING MOUNTED
)9 Q	EXIT SIGN: SINGLE FACE; WALL MOUNTED
10	EXIT SIGN: DOUBLE FACE; CEILING MOUNTED
	EXIT SIGN: DOUBLE FACE; WALL MOUNTED
LIGHTING (OCCUPANCY SENSOR, DUAL TECHNOLOGY,
)2	OMNI-DIRECTIONAL, CEILING. OCCUPANCY SENSOR, DUAL TECHNOLOGY, WALL.
)3 (2)	
)4 	OCCUPANCY SENSOR, DUAL TECHNOLOGY, DIRECTIONAL. OCCUPANCY SENSOR, ULTRASONIC, OMNI-DIRECTIONAL,
*υ ⁰⁵ ®	CEILING. OCCUPANCY SENSOR CONTROL RELAY.
R)	VACANCY SENSOR, DUAL TECHNOLOGY,
)7	OMNI-DIRECTIONAL, CEILING. VACANCY SENSOR, DUAL TECHNOLOGY, WALL.
)8 (P)	PHOTOCELL.
)9 (1) TC	TIME CLOCK.
10 /HR\	
1	HOUSE RELAY SCHEDULE INDICATOR.
101 1-1-1	LITE TOUCH STATION INDICATOR.
	CEILING FAN.
13 SP	OCCUPANCY SENSOR, SWITCH PACK.
14	SWITCH/OCCUPANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
15 \$	SWITCH/VACANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
16 *	DIMMER SWITCH/OCCUPANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
17	DIMMER SWITCH/VACANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.
a,b \$	LOW VOLTAGE DIGITAL LIGHTING CONTROL SWITCH: LETTER "a,b" INDICATES ZONING WHERE SHOWN (REFER TO PLANS, SCHEDULES, AND DETAILS FOR EXACT BUTTON CONFIGURATION AND PROGRAMMING REQUIREMENTS)
DC DC	DIGITAL LIGHTING DIMMING CONTROLLER
LC LC	DIGITAL PLUG LOAD CONTROLLER
21 LS	LIGHTING NETWORK SWITCH.
NR NR	LIGHTING NETWORK ROUTER.
RC RC	DIGITAL LIGHTING ROOM CONTROLLER
SM SM	LIGHTING NETWORK SEGMENT MANAGER LIGHTING SPACE CONTROL TYPE. X INDICATES TYPE. SEE
OTPLICTUE	SCHEDULE / DIAGRAM.
$\frac{SIRUCIUR}{\nabla^X}$	RED CABLING TELEPHONE, WALL MOUNTED ("X" INDICATES QUANTITY OF
)2 ((())	CABLES). DATA CONNECTION: WIRELESS ACCESS POINT
)3 _∇ W	(WAP). REQUIRES (2) DATA DROPS PER DEVICE TELEPHONE, WALL MOUNTED: WALL PHONE.
)4 ▼ X	OUTLET, DATA COMMUNICATION ("X" INDICATES QUANTITY OF
)5 V	CABLES). OUTLET, BUILDING STANDARD COMBINATION TELEPHONE/ DATA COMMUNICATION.
)6 V	TWO-WAY EMERGENCY COMMUNICATION DEVICE PER IBC, WALL MOUNTED IN RECESSED BOX.
07	TELEPHONE TERMINAL BOARD, FIRE TREATED PLYWOOD PAINTED.
⁾⁸	LAN RACK, FLOOR STANDING.
)9 ——D——	DATA CABLE, CATEGORY 6A (ONE-LINE DIAGRAM).
10V	VOICE CABLE, CATEGORY 3 (ONE-LINE DIAGRAM).
	RED CABLING IHC
)1 \(\nabla\)	IHC COMMUNICATIONS DEVICE (1 DATA).
)2	IHC COMMUNICATIONS DEVICE (1 DATA / 1 ANALOG).
)3 V	IHC COMMUNICATIONS DEVICE (1 DATA WALL PHONE).
)4 V	IHC COMMUNICATIONS DEVICE (2 DATA).
⁰⁵ ▼3	IHC COMMUNICATIONS DEVICE (3 DATA).
⁰⁶ ▼4	IHC COMMUNICATIONS DEVICE (4 DATA).
0	IHC COMMUNICATIONS DEVICE DE VICE DEVICE DEVICE DEVICE DEVICE DEVICE DEVICE DEVICE DEVICE DE VICE DEVICE DE VICE DE V
\ \rangle \text{INI}	IHC COMMUNICATIONS DEVICE PHYSIOLOGICAL MONITOR (1 DATA). IHC COMMUNICATIONS DEVICE WIRELESS ACCESS POINT (2)
y WAP	IHC COMMUNICATIONS DEVICE WIRELESS ACCESS POINT (2 DATA).

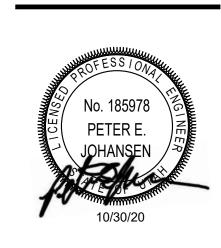
_		SYMBOLS LEGEND
	SYMBOL	DESCRIPTION
7FI 01	RE ALARI	M I
	FSA	FIRE SYSTEM ANNUNCIATOR.
02	FCP	FIRE ALARM CONTROL PANEL, SEMI-RECESSED.
03	FPS	FIRE ALARM NOTIFICATION POWER SUPPLY.
04	FTR	FIRE ALARM TRANSPONDER OR TRANSMITTER.
05	HVA	SMOKE CONTROL PANEL.
06	С	AUTOMATIC DOOR CLOSERS: DOOR CLOSERS SHALL BE FURNISHED WITH DOOR HARDWARE AND CONNECTED TO BY FIRE ALARM INSTALLERS.
07		
08	СМ	CONTROL MODULE.
	ММ	MONITOR MODULE.
09	Р	FIRE ALARM MANUAL PULL STATION.
10	R	SHUT DOWN RELAY: INSTALL RELAY IN CONTROL CIRCUI OF EQUIPMENT TO BE CONTROLLED IN THE EVENT OF A FIRE.
11		MAGNETIC DOOR HOLDER.
12		FIRE SERVICE OR EMERGENCY TELEPHONE STATION,
13		ACCESSIBLE. FIRE SERVICE OR EMERGENCY TELEPHONE STATION,
14		HANDSET.
15		FIRE SERVICE OR EMERGENCY TELEPHONE STATION, JAC
16	<u>(S)</u>	DETECTOR, SMOKE.
	2 A	DETECTOR, SMOKE WITH AUXILIARY CONTACT.
17	2 BR	DETECTOR, SMOKE, BEAM RECEIVER.
18	⊘ BT	DETECTOR, SMOKE, BEAM TRANSMITTER.
19	S ^E	DETECTOR, SMOKE, ELEVATOR RECALL DESIGNATION.
20	(S) C	DETECTOR, SMOKE WITH GUARD.
21	(C) R	DETECTOR, SMOKE, RESIDENTIAL.
22	R	
23	<u>s</u>	DETECTOR, SMOKE, DUCT WITH HOUSING AND SAMPLING
24		DETECTOR, HEAT.
	\times	INDICATOR LAMP.
25	\bowtie	STROBE.
26	75	STROBE. SUBSCRIPT INDICATES CANDELA RATING.
27	WP	ALARM, HORN/SPEAKER, WEATHERPROOF.
28		ALARM, HORN/STROBE, ONE ASSEMBLY.
29	75	ALARM, HORN/STROBE, ONE ASSEMBLY. SUBSCRIPT
30		INDICATES CANDELA RATING.
31		ALARM, CHIME/STROBE, ONE ASSEMBLY.
32	G G	ALARM, HORN/STROBE WITH GUARD, ONE ASSEMBLY.
33	M	ALARM, MINI HORN/STROBE, ONE ASSEMBLY.
	E	SPEAKER, EVACUATION.
34	⊠ E	SPEAKER, EVACUATION, COMBINATION STROBE.
35	\Diamond	DETECTOR, FLOW SWITCH: FLOW SWITCHES SHALL BE PROVIDED AND INSTALLED WITH FIRE SPRINKLER SYSTEM AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.
36	Ø _X	DETECTOR, TAMPER SWITCH WITH VALVE: TAMPER SWITS SHALL BE PROVIDED AND INSTALLED WITH FIRE SPRINKLI SYSTEM AND SHALL BE CONNECTED TO LOCATIONS SHOWN THE FIRE SPRINKLER SHOP DRAWINGS.
37	SD	SMOKE DAMPER.
38		FIRE AND SMOKE DAMPER.
39	⊌ FSD	DELL (0012)
40	<u>分</u>	BELL (GONG).
	CO	DETECTOR, CARBON MONOXIDE.
41	X (2)	DETECTOR, SMOKE/STROBE, RESIDENTIAL.
42	75	ALARM, HORN/STROBE, ONE ASSEMBLY, CEILING MOUNT SUBSCRIPT INDICATES CANDELA RATING.
43	> ○ 75	ALARM, HORN, CEILING MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.

00	DECORIBEION
デート	DESCRIPTION
TECHNOLO	OGY SYSTEMS
01	TECHNOLOGY SYSTEM CABLE. SEE SPECIFIC JOB EQUIPMENT LIST FOR APPLICABLE DESIGNATIONS.
	EXAMPLES:
X	C = CONTROL CABLE G = GROUND CABLE, 10 AWG, 1 CONDUCTOR, GREEN
	INSULATED M = MICROPHONE CABLE SPEAKER CARLE 70 VOLT SYSTEM
	S = SPEAKER CABLE, 70 VOLT SYSTEM Z = SPEAKER CABLE, 8 OHM SYSTEM
⁰² S _#	SPEAKER, CEILING MOUNTED.
03 +S _#	SPEAKER, WALL MOUNTED.
04 (\$)4	SPEAKER, 4".
05 S ₆	SPEAKER, 6".
06	
© § ₈	SPEAKER, 8".
(S) ₁₂	SPEAKER, 12".
(S) _B	SPEAKER, BLIND MOUNT.
⁰⁹ S _E	SPEAKER, EXISTING.
¹⁰ S _H	HORN.
11 S _{HW}	HORN, WEATHER RESISTANT.
12 S _M	SPEAKER, MASKING.
12	
(S) _R	SPEAKER, RECESSED.
(S) _S	SPEAKER, SURFACE.
15 +XX	SPEAKER, USER DEFINED.
16	SPEAKER, HIGH FREQUENCY.
17	SPEAKER, LOW FREQUENCY.
18	
	SPEAKER ENCLOSURE (CLUSTER).
19 -	CALL SWITCH, INTERCOM.
20	
21 🖂	MICROPHONE, TABLE OR LECTERN MOUNTED.
22	EQUIPMENT CABINET.
	MEDIA CONNECTION PLATE.
23	AUDIO/VISUAL OUTLET.
24 ======	SCREEN, PROJECTION, CEILING MOUNTED.
25	
	PROJECTOR, CEILING MOUNTED.
26 V >	VIDEO CONFERENCING CAMERA
27	VIDEO CONFERENCING CAMERA.
(CP)	CONTROL PANEL.
(M)	MICROPHONE INPUT.
29 M	MICROPHONE INPUT, FLOOR MOUNTED.
30 R	REMOTE CONTROL INPUT.
31 (\$)	POWER SWITCH.
	SPEAKER SWITCH OR INPUT.
³² (S)	<u> </u>
32 S SV	SOURCE SWITCHWOLLIME CONTROL
(S) 33 (SV)	SOURCE SWITCH/VOLUME CONTROL.
(S) 33 (SV) 34 (T)	SOURCE SWITCH/VOLUME CONTROL. TAPE RECORD OUTPUT.
(S) 33 (SV) 34 (T) 35 (V)	
(S) 33 (SV) 34 (T) 35 (V)	TAPE RECORD OUTPUT.
(S) 33 (SV) 34 (T) 35 (V) 36 (HC)	TAPE RECORD OUTPUT. VOLUME CONTROL.
(S) 33 (SV) 34 (T) 35 (V) 36 (HC) 37 (M)	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET.
(S) 33 (SV) 34 (T) 35 (V) 36 (HC) 37 (M) 38 (ADA)	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR.
(S) 33 (SV) 34 (T) 35 (V) 36 (HC) 37 (M) 38 (ADA) 39 (APP) 40 (S)	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL.
(S) 33 (SV) 34 (T) 35 (V) 36 (HC) 37 (M) 38 (ADA) 39 (APP) 40 (CP#) 41 (CP#)	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL.
(S) 33 (SV) 34 (T) 35 (V) 36 (HC) 37 (M) 38 (ADA) 39 (APP) 40 (CP#) 41 (DVD)	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL.
(S) 33 (SV) 34 (T) 35 (V) 36 (HC) 37 (M) 38 (ADA) 39 (APP) 40 (CP#) 41 (DVD) 42 (EP)	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL.
(S) 33 (SV) 34 (T) 35 (V) 36 (HC) 37 (M) 38 (ADA) 39 (APP) 40 (CP#) 41 (DVD) 42 (EP) 43 (K)	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER.
(S) 33 (SV) 34 (T) 35 (V) 36 (HC) 37 (M) 38 (ADA) 39 (APP) 40 (CP#) 41 (DVD) 42 (EP) 43 (K)	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL.
(S) 33 (SV) 34 (T) 35 (V) 36 (HC) 37 (M) 38 (ADA) 39 (APP) 40 (CP#) 41 (DVD) 42 (EP) 43 (K) 44 (M)	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET.
(S) 33 (SV) 34 (T) 35 (V) 36 (HC) 37 (M) 38 (ADA) 39 (APP) 40 (CP#) 41 (DVD) 42 (EP) 43 (K) 44 (LD) 45 (PAM) 46	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM).
S) 33 SV 34 T 35 V 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). RGBHV DISTRIBUTION AMPLIFIER.
S) 33 SV 34 T) 35 V) 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). RGBHV DISTRIBUTION AMPLIFIER. REMOTE CONTROL PANEL.
S) 33 SV 34 T) 35 V) 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM 48 RMS	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). RGBHV DISTRIBUTION AMPLIFIER. REMOTE CONTROL PANEL. RGBHV MATRIX SWITCHER.
S) 33 SV 34 T) 35 V 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM 48 RMS 49 TVSS	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). RGBHV DISTRIBUTION AMPLIFIER. REMOTE CONTROL PANEL.
S) 33 SV 34 T 35 V 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM 48 RMS 49 TVSS	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). RGBHV DISTRIBUTION AMPLIFIER. REMOTE CONTROL PANEL. RGBHV MATRIX SWITCHER. TRANSIENT VOLTAGE SURGE SUPPRESSER, AC LINE
S) 33 SV) 34 T) 35 V) 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM 48 RMS 49 TVSS 50 VCR	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). RGBHV DISTRIBUTION AMPLIFIER. REMOTE CONTROL PANEL. RGBHV MATRIX SWITCHER. TRANSIENT VOLTAGE SURGE SUPPRESSER, AC LINE CONDITIONER.
S) 33 SV 34 T 35 V 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM 48 RMS 49 TVSS 50 VCR 51 VDA	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). RGBHV DISTRIBUTION AMPLIFIER. REMOTE CONTROL PANEL. RGBHV MATRIX SWITCHER. TRANSIENT VOLTAGE SURGE SUPPRESSER, AC LINE CONDITIONER. VIDEO CASSETTE RECORDER.
S) 33 SV 34 T) 35 V) 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM 48 RMS 49 TVSS 50 VCR 51 VDA 52 VMS	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). RGBHV DISTRIBUTION AMPLIFIER. REMOTE CONTROL PANEL. TRANSIENT VOLTAGE SURGE SUPPRESSER, AC LINE CONDITIONER. VIDEO CASSETTE RECORDER. COMPOSITE VIDEO MATRIX SWITCHER.
S) 33 SV 34 T 35 V 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM 48 RMS 49 TVSS 50 VCR 51 VDA 52 VMS 53 VPP 54	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). RGBHV DISTRIBUTION AMPLIFIER. REMOTE CONTROL PANEL. RGBHV MATRIX SWITCHER. TRANSIENT VOLTAGE SURGE SUPPRESSER, AC LINE CONDITIONER. VIDEO CASSETTE RECORDER. COMPOSITE VIDEO DISTRIBUTION AMPLIFIER. VIDEO PATCH PANEL.
S) 33 SV 34 T 35 V 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM 48 RMS 49 TVSS 50 VCR 51 VDA 52 VMS 53 VPP 54 YMS	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). RGBHV DISTRIBUTION AMPLIFIER. REMOTE CONTROL PANEL. TRANSIENT VOLTAGE SURGE SUPPRESSER, AC LINE CONDITIONER. VIDEO CASSETTE RECORDER. COMPOSITE VIDEO MATRIX SWITCHER.
S) 33 SV) 34 T) 35 V) 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM 48 RMS 49 TVSS 50 VCR 51 VDA 52 VMS 53 VPP 54 YMS	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). RGBHV DISTRIBUTION AMPLIFIER. REMOTE CONTROL PANEL. RGBHV MATRIX SWITCHER. TRANSIENT VOLTAGE SURGE SUPPRESSER, AC LINE CONDITIONER. VIDEO CASSETTE RECORDER. COMPOSITE VIDEO DISTRIBUTION AMPLIFIER. VIDEO PATCH PANEL. S-VIDEO MATRIX SWITCHER.
S) 33 SV) 34 T) 35 V) 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM 48 RMS 49 TVSS 50 VCR 51 VDA 52 VMS 53 VPP 54 YMS 55 PA	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). RGBHV DISTRIBUTION AMPLIFIER. REMOTE CONTROL PANEL. RGBHV MATRIX SWITCHER. TRANSIENT VOLTAGE SURGE SUPPRESSER, AC LINE CONDITIONER. VIDEO CASSETTE RECORDER. COMPOSITE VIDEO DISTRIBUTION AMPLIFIER. VIDEO PATCH PANEL.
S) 33 SV 34 T 35 V 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM 48 RMS 49 TVSS 50 VCR 51 VDA 52 VMS 53 VPP 54 YMS	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). RGBHV DISTRIBUTION AMPLIFIER. REMOTE CONTROL PANEL. RGBHV MATRIX SWITCHER. TRANSIENT VOLTAGE SURGE SUPPRESSER, AC LINE CONDITIONER. VIDEO CASSETTE RECORDER. COMPOSITE VIDEO DISTRIBUTION AMPLIFIER. VIDEO PATCH PANEL. S-VIDEO MATRIX SWITCHER.
S) 33 SV 34 T 35 V 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM 48 RMS 49 TVSS 50 VCR 51 VDA 52 VMS 53 VPP 54 YMS 55 PA	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). REBHY DISTRIBUTION AMPLIFIER. REMOTE CONTROL PANEL. REBHY MATRIX SWITCHER. TRANSIENT VOLTAGE SURGE SUPPRESSER, AC LINE CONDITIONER. VIDEO CASSETTE RECORDER. COMPOSITE VIDEO DISTRIBUTION AMPLIFIER. COMPOSITE VIDEO MATRIX SWITCHER. S-VIDEO MATRIX SWITCHER. AMPLIFIER (ONE-LINE DIAGRAM). POWER BRIDGE (VARIZONE DIGITAL PAGING SYSTEM).
S) 33 SV 34 T) 35 V) 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM 48 RMS 49 TVSS 50 VCR 51 VDA 52 VMS 53 VPP 54 YMS 55 PA	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). REMOTE CONTROL PANEL. REMOTE CONTROL PANEL. REBHY MATRIX SWITCHER. TRANSIENT VOLTAGE SURGE SUPPRESSER, AC LINE CONDITIONER. VIDEO CASSETTE RECORDER. COMPOSITE VIDEO DISTRIBUTION AMPLIFIER. VIDEO PATCH PANEL. S-VIDEO MATRIX SWITCHER. AMPLIFIER (ONE-LINE DIAGRAM). POWER BRIDGE (VARIZONE DIGITAL PAGING SYSTEM). TERMINATOR (VARIZONE DIGITAL PAGING SYSTEM).
S) 33 SV 34 T) 35 V) 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM 48 RMS 49 TVSS 50 VCR 51 VDA 52 VMS 53 VPP 54 YMS 55 PA 56 PB 57 -WW- 58 A	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). RGBHV DISTRIBUTION AMPLIFIER. REMOTE CONTROL PANEL. RGBHV MATRIX SWITCHER. TRANSIENT VOLTAGE SURGE SUPPRESSER, AC LINE CONDITIONER. VIDEO CASSETTE RECORDER. COMPOSITE VIDEO MATRIX SWITCHER. JUDEO PATCH PANEL. S-VIDEO MATRIX SWITCHER. AMPLIFIER (ONE-LINE DIAGRAM). POWER BRIDGE (VARIZONE DIGITAL PAGING SYSTEM). DIODE (ONE-LINE DIAGRAM).
S) 33 SV) 34 T) 35 V) 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM 48 RMS 49 TVSS 50 VCR 51 VDA 52 VMS 53 VPP 54 YMS 55 PA 56 PB	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). REMOTE CONTROL PANEL. REMOTE CONTROL PANEL. REBHY MATRIX SWITCHER. TRANSIENT VOLTAGE SURGE SUPPRESSER, AC LINE CONDITIONER. VIDEO CASSETTE RECORDER. COMPOSITE VIDEO DISTRIBUTION AMPLIFIER. VIDEO PATCH PANEL. S-VIDEO MATRIX SWITCHER. AMPLIFIER (ONE-LINE DIAGRAM). POWER BRIDGE (VARIZONE DIGITAL PAGING SYSTEM).
S) 33 SV) 34 T) 35 V) 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM 48 RMS 49 TVSS 50 VCR 51 VDA 52 VMS 53 VPP 54 YMS 55 PA 56 PB 57	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). RGBHV DISTRIBUTION AMPLIFIER. REMOTE CONTROL PANEL. RGBHV MATRIX SWITCHER. TRANSIENT VOLTAGE SURGE SUPPRESSER, AC LINE CONDITIONER. VIDEO CASSETTE RECORDER. COMPOSITE VIDEO MATRIX SWITCHER. JUDEO PATCH PANEL. S-VIDEO MATRIX SWITCHER. AMPLIFIER (ONE-LINE DIAGRAM). POWER BRIDGE (VARIZONE DIGITAL PAGING SYSTEM). DIODE (ONE-LINE DIAGRAM).
S) 33 SV) 34 T) 35 V) 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM 48 RMS 49 TVSS 50 VCR 51 VDA 52 VMS 53 VPP 54 YMS 55 PA 59 WA 60 W#W 61 AB 60 W#W	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). REBHY DISTRIBUTION AMPLIFIER. REMOTE CONTROL PANEL. REBHY MATRIX SWITCHER. TRANSIENT VOLTAGE SURGE SUPPRESSER, AC LINE CONDITIONER. VIDEO CASSETTE RECORDER. COMPOSITE VIDEO DISTRIBUTION AMPLIFIER. COMPOSITE VIDEO MATRIX SWITCHER. VIDEO PATCH PANEL. S-VIDEO MATRIX SWITCHER. AMPLIFIER (ONE-LINE DIAGRAM). POWER BRIDGE (VARIZONE DIGITAL PAGING SYSTEM). DIODE (ONE-LINE DIAGRAM). TRANSFORMER, ISOLATION/MATCHING (ONE-LINE DIAGRAM).
S) 33 SV) 34 T) 35 V) 36 HC 37 M 38 ADA 39 APP 40 CP# 41 DVD 42 EP 43 K 44 LD 45 PAM 46 RDA 47 RM 48 RMS 49 TVSS 50 VCR 51 VDA 52 VMS 53 VPP 54 YMS 55 PA 56 PB 57	TAPE RECORD OUTPUT. VOLUME CONTROL. HUB CABINET. VIDEO MONITOR. AUDIO DISTRIBUTION AMPLIFIER. AUDIO PATCH PANEL. CONNECTION PANEL. DIGITAL VERSATILE DISC (DVD) PLAYER. ASSISTED LISTENING EMITTER PANEL. SIGNAL RELAY DPDT WITH SOCKET. LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM). POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM). RGBHV DISTRIBUTION AMPLIFIER. REMOTE CONTROL PANEL. RGBHV MATRIX SWITCHER. TRANSIENT VOLTAGE SURGE SUPPRESSER, AC LINE CONDITIONER. VIDEO CASSETTE RECORDER. COMPOSITE VIDEO DISTRIBUTION AMPLIFIER. COMPOSITE VIDEO MATRIX SWITCHER. VIDEO PATCH PANEL. S-VIDEO MATRIX SWITCHER. AMPLIFIER (ONE-LINE DIAGRAM). POWER BRIDGE (VARIZONE DIGITAL PAGING SYSTEM). DIODE (ONE-LINE DIAGRAM). TRANSFORMER, ISOLATION/MATCHING (ONE-LINE DIAGRAM). TRANSFORMER, # WATT (ONE-LINE DIAGRAM).

CP HDMI FEMALE RECEPTACLE. CONTRACTOR TO RUN HDMI CABLING BETWEEN HDMI RECEPTACLES IN A ROOM.

	SYMBOLS LEGEND		SYMBOLS LEGEND
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
TECHNOLO	DGY SYSTEMS	CLOCK	T
	TECHNOLOGY SYSTEM CABLE. SEE SPECIFIC JOB EQUIPMENT LIST FOR APPLICABLE DESIGNATIONS.	02 C	CLOCK.
v	EXAMPLES: C = CONTROL CABLE	02 + C G	CLOCK, SURFACE WITH WIRE GUARD.
^	G = GROUND CABLE, 10 AWG, 1 CONDUCTOR, GREEN INSULATED	NURSE CA	ALL
	M = MICROPHONE CABLE S = SPEAKER CABLE, 70 VOLT SYSTEM Z = SPEAKER CABLE, 8 OHM SYSTEM	02 _	JUNCTION BOX.
02	SPEAKER, CEILING MOUNTED.		CORRIDOR LIGHT.
03 6	SPEAKER, WALL MOUNTED.	03 B	BATHROOM PULL CORD STATION.
03 +S) _#	SPEAKER, 4".	04 D	DUTY STATION.
⁰⁵ S ₄	SPEAKER, 6".	05 E	EMERGENCY ASSISTANCE CALL STATION.
© S ₆		06 E CB	EMERGENCY ASSISTANCE CODE BLUE CALL STATION.
00 S ₈	SPEAKER, 8".	07 P	PATIENT STATION.
⁰⁷ S ₁₂	SPEAKER, 12".	08 S	STAFF STATION.
© S _B	SPEAKER, BLIND MOUNT.	09 NCM	TOUCH SCREEN NURSE CALL MASTER STATION.
10 SE	SPEAKER, EXISTING.	10 ZLC	ZONE LIGHT CONTROLLER.
(S) _H	HORN.	11 CU	NURSE CALL AREA CONTROL UNIT & POWER SUPPLIES.
12 S _{HW}	HORN, WEATHER RESISTANT.	°CCTV	
13 S _M	SPEAKER, MASKING.	01—P	CCTV CABLE, POWER.
13 S _R	SPEAKER, RECESSED.	02V	CCTV CABLE, VIDEO SIGNAL.
15 S _S	SPEAKER, SURFACE.	03 CCTV	CCTV HEADEND EQUIPMENT.
16 HXX	SPEAKER, USER DEFINED.	04 M	CCTV MONITOR.
17	SPEAKER, HIGH FREQUENCY.	05	CCTV CAMERA/ENCLOSURE WITH LENS, TYPICAL. SEE SCHEDU
18	SPEAKER, LOW FREQUENCY.	PTZ	CCTV CAMERA WITH PAN, TILT AND ZOOM.
	SPEAKER ENCLOSURE (CLUSTER).	360°	PANNING CAMERA TRANSVERSE ANGLE.
19			TANNING OAMEIN THO WAS PERSON AND EAST.
20	CALL SWITCH, INTERCOM.	SECURITY	<u> </u>
21 🗖	MICROPHONE, TABLE OR LECTERN MOUNTED.	01X	SECURITY CABLE. SEE EQUIPMENT SCHEDULE FOR CABLE TYPE.
22	EQUIPMENT CABINET.	02 ACC	ACCESS CONTROL HEADEND EQUIPMENT.
23	MEDIA CONNECTION PLATE.	O3 CTR	SECURITY CONTROL PANEL.
24	AUDIO/VISUAL OUTLET.	04 SEC	INTRUSION DETECTION HEADEND EQUIPMENT.
25	SCREEN, PROJECTION, CEILING MOUNTED.	05 #1	CARD ACCESS DOOR TYPE #1 OR AS NOTED. SEE SCHEDULE.
	PROJECTOR, CEILING MOUNTED.	06 CR	CARD READER.
26	VIDEO CONFEDENCINO CAMEDA	07 KCR	KEYPAD/CARD READER COMBINATION.
27 (CP)	VIDEO CONFERENCING CAMERA. CONTROL PANEL.	08	DOOR SWITCH, BALANCED MAGNETIC CONTROL.
28 M	MICROPHONE INPUT.	09 • ER	EXIT REQUEST.
29 M	MICROPHONE INPUT, FLOOR MOUNTED.	11 • RL	REMOTE DOOR RELEASE BUTTON.
30 R	REMOTE CONTROL INPUT.	12	BELL.
31 (\$)	POWER SWITCH.	13	BUZZER.
32 S	SPEAKER SWITCH OR INPUT.	14	BUZZER, COMBINATION BELL.
33 (SV)	SOURCE SWITCH/VOLUME CONTROL.	15 -	SENSOR, BURIED VEHICULAR.
34 T	TAPE RECORD OUTPUT.	16	SENSOR, GLASS BREAK.
35 V	VOLUME CONTROL.	17	SENSOR, VOLUMETRIC.
36 HC	HUB CABINET.	18 (CA)	CONTROLLED ACCESS POINT.
37 M	VIDEO MONITOR.	(IC)	INTERCOM STATION.
38 ADA	AUDIO DISTRIBUTION AMPLIFIER.	20 (IRU)	DUAL TECHNOLOGY PASSIVE INFRARED SENSOR AND ULTRASONIC MOTION DETECTOR.
39 APP	AUDIO PATCH PANEL.	21 (IR)	PASSIVE INFRARED SENSOR.
40 CP#	CONNECTION PANEL.	22 (P)	PANIC DURESS SWITCH.
41 DVD	DIGITAL VERSATILE DISC (DVD) PLAYER.	23 U	ULTRASONIC MOTION DETECTOR.
42 EP	ASSISTED LISTENING EMITTER PANEL.	24 ———	ANNUNCIATOR PANEL.
43 K	SIGNAL RELAY DPDT WITH SOCKET.	MSI 00	MASTER STATION, INTERCOM.
44 LD	LINE DRIVER (VARIZONE DIGITAL PAGING SYSTEM).	TV DISTRI	BUTION
45 PAM	POWER AMP MODULE (VARIZONE DIGITAL PAGING SYSTEM).	02—TR	TV DISTRIBUTION CABLE, INDIVIDUAL DROPS.
46 RDA	RGBHV DISTRIBUTION AMPLIFIER.	03	TV DISTRIBUTION CABLE, TRUNK.
47 RM	REMOTE CONTROL PANEL.	CMB 04	COMBINER.
48 RMS	RGBHV MATRIX SWITCHER.	05 N	DIRECTIONAL COUPLER.
49 TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSER, AC LINE	DA	DISTRIBUTION AMPLIFIER (ONE-LINE DIAGRAM).
50 VCR	VIDEO CASSETTE RECORDER.	06	
51 VDA	COMPOSITE VIDEO DISTRIBUTION AMPLIFIER.	SPL	SPLITTER (ONE-LINE DIAGRAM).
52 VMS	COMPOSITE VIDEO MATRIX SWITCHER.	07	
53 VPP	VIDEO PATCH PANEL.		TV OUTLET.
54 YMS	S-VIDEO MATRIX SWITCHER.	09	SATELLITE ANTENNA.
55		10	TV ANTENNA (ONE-LINE DIAGRAM).
PA	AMPLIFIER (ONE-LINE DIAGRAM).		TERMINATOR, 75 OHM (TV DISTRIBUTION).
56			
РВ	POWER BRIDGE (VARIZONE DIGITAL PAGING SYSTEM).		
57 -WV-	TERMINATOR (VARIZONE DIGITAL PAGING SYSTEM).		







REV DATE DESCRIPTION

OCT. 30 2020

AMBUL

-DEE



EE002

/OLT	S/PHA	SE/WIF	RE:		PAN	EL SIZ	ZE & TYPE: MAIN SIZE	AND TY	ГҮРЕ:			FED FROM:		/ 1:	CABINET: LOCATION:		NOTES:						
120/20	8V, 3	PH 4 W	IRE		22" \	N x 6"	D, BOLT-ON 225 AMPER	RE MAIN	LU	GS					SURFACE								
ACCE	SSOR	ES:			PAN	EL DIF	RECTORY, IDENTIFICATION, G	ROUND	ING	BAR						AIC	RATIN	IG : 0					
СКТ		ОСР		LC	AD (k	VA)			PHASE LOAD								LO	AD (k)	/A)	ОСР			СКТ
NO	AMP	POLE	BR	LTG	PWR	PWR CO DESCRIPTION			A B			3	з с		DESCRIPTION			PWR	LTG	BR	POLE	AMP	NO
1	20	1		0.0	0.0	0.4	СО	().4	1.1					CO EQUIPM	ENT STORAGE 30	1.1	0.0	0.0		1	20	2
3	20	1		0.0	1.0	0.0	POWER				1.0	0.4			CO EQUIPM	ENT STORAGE 30	0.4	0.0	0.0		1	20	4
5	20	1		0.0	1.0	0.0	POWER						1.0	0.4	CO EQUIPM	ENT STORAGE 30	0.4	0.0	0.0		1	20	6
7	20	1		0.0	0.2	0.2	ROOM 9	().4	0.7					CO NURS	SE STATION 32	0.7	0.0	0.0		1	20	8
9	20	1		0.0	1.0	0.0	PWR PRE-POST 16				1.0	1.1			CO NURS	SE STATION 32	1.1	0.0	0.0		1	20	10
11	20	1		0.0	1.0	0.0	PWR PRE-POST 17						1.0	0.2	CO MEDICA	TION 22 - FRIDGE	0.2	0.0	0.0		1	20	12
13	20	1		0.0	1.0	0.0	PWR OBSERVATION RM#	#1	1.0	0.2					CO MEDICAT	ION 22 - MED DISP.	0.2	0.0	0.0		1	20	14
15	20	1		0.0	1.0	0.0	PWR OBSERVATION RM #	#2			1.0	0.9			CO ME	DICATION 22	0.9	0.0	0.0		1	20	16
17	20	1		0.0	1.2	0.0	PWR OBSERVATION RM#	#3					1.2	0.2	CO NOU	RISHMENT 20	0.2	0.0	0.0		1	20	18
19	20	1		0.0	0.2	0.5	POWER	().7	0.4					CO NOU	RISHMENT 20	0.4	0.0	0.0		1	20	20
21	20	1		0.0	0.2	1.1	POWER				1.3	0.4			CO NOU	RISHMENT 20	0.4	0.0	0.0		1	20	22
23	20	1					SPARE						0.0	1.1	F	OWER	0.7	0.4	0.0		1	20	24
25	20	1					SPARE	(0.0	0.4					F	OWER	0.0	0.4	0.0		1	20	26
27	20	1					SPARE				0.0	0.2			F	POWER	0.0	0.2	0.0		1	20	28
29	20	1					SPARE						0.0	0.2	F	POWER	0.0	0.2	0.0		1	20	30
31	20	1					SPARE	(0.0	0.0					5	SPARE					1	20	32
33	20	1					SPARE				0.0	0.0			5	SPARE					1	20	34
35	20	1					SPARE						0.0	0.0	5	SPARE					1	20	36
37	20	1					SPARE		0.0	0.0					5	SPARE					1	20	38
39	20	1					SPARE				0.0	0.0			5	SPARE					1	20	40
41	20	1					SPARE						0.0	0.0		SPARE					1	20	42

LIGHTING & CONTINUOUS LOADS: - 100% CONNECTED LOAD PLUS 25% DIVERSIFIED TOTAL kVA = 17 RECEPTACLES: **8.6 kVA @ 100% = 8.6 kVA** - FIRST 10kVA @ 100%, REMAINDER @ 50% AVERAGE AMPS PER PHASE = 48 MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC ALL OTHER LOADS @ 100% : 8.8 kVA

NEC DIVERSIFIED LOAD CALCULATIONS

LIGHTING & CONTINUOUS LOADS:

ALL OTHER LOADS @ 100% : 7.5 kVA

BKR: GF=GFCI, GF3=30mA GFCI CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCI, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCI

								1 /	41,	<u> </u>					L2B"							
VOLT	S/PHAS	SE/WIF	RE:		PAN	IEL SIZ	E & TYPE:	MAIN SIZE AND T	YPE:	:		FED	FRO	VI:	CABINET: LOCATION	ON:	NC	OTES:				
120/20	8V, 3 F	PH 4 W	/IRE		22" '	W x 6"	D, BOLT-ON	225 AMPERE MAI	N LU	GS					SURFACE							
ACCE	SSORI	ES:			PAN	IEL DIF	RECTORY, IDENT	TFICATION, GROUN	IDINC	3 BAR						AIC RATII	IG : 0					
СКТ		ОСР		LO	AD (k	(AV			PHASE LOA				D			LC)AD (k\		СКТ			
NO	AMP	POLE	BR	1	PWR		DESC	RIPTION		Α	E	3	(DESCRIPTION	СО	PWR	LTG	BR	POLE	AMP	NO
1	20	1		0.0	0.4	0.4		CO	0.7	0.0					SPARE					1	20	2
3	20	1		0.0	0.0	0.2	CO NEPTUN	E DOCKING 38			0.2	0.0			SPARE					1	20	4
5	20	1		0.0	0.2	0.4	ROO	M 29, 38					0.5	0.0	SPARE					1	20	6
7	20	1					SF	PARE	0.0	0.0					SPARE					1	20	8
9	20	1		0.0	1.0	0.0	PWR PR	E-POST 16			1.0	0.0			SPARE					1	20	10
11	20	1		0.0	1.0	0.0	PWR PR	E-POST 17					1.0	0.0	SPARE					1	20	12
13	20	1		0.0	1.0	0.4	PWR OBSEF	RVATION RM #1	1.4	0.0					SPARE					1	20	14
15	20	1		0.0	1.0	0.0	PWR OBSER	RVATION RM #2			1.0	0.0			SPARE					1	20	16
17	20	1		0.0	1.0	0.4	PWR OBSER	RVATION RM #3					1.4	0.0	SPARE					1	20	18
19	20	1		0.0	1.0	0.0	PRE I	POST 27	1.0	0.0					SPARE					1	20	20
21	20	1		0.0	1.0	0.0	PRE I	POST 28			1.0	0.0			SPARE					1	20	22
23	20	1					SF	PARE					0.0	0.0	SPARE					1	20	24
25	20	1					SF	PARE	0.0	0.0					SPARE					1	20	26
27	20	1					SF	PARE			0.0	0.0			SPARE					1	20	28
29	20	1					SF	PARE					0.0	0.0	SPARE					1	20	30
31	20	1					SF	PARE	0.0	0.0					SPARE					1	20	32
33	20	1					SF	PARE			0.0	0.0			SPARE					1	20	34
35	20	1					SF	PARE					0.0	0.0	SPARE					1	20	36
37	20	1					SF	PARE	0.0	0.0					SPARE					1	20	38
39	20	1					SF	PARE			0.0	0.0			SPARE					1	20	40
41	20	1					SF	PARE					0.0	0.0	SPARE					1	20	42
TOTA	LS:						CONNECTE	D kVA PER PHASE	;	3	3	3	3	3		CONNECTED T	OTALI	kVA =		9		
							CONNECTED	AMPS PER PHASE	2	26	2	7	2	4	AVERAGE CONN	ECTED AMPS PI	ER PHA	ASE =		25		

- 100% CONNECTED LOAD PLUS 25%

BKR: GF=GFCI, GF3=30mA GFCI CAPABLE OF BEING LOCKED OUT IN OPEN POSITION, IG=ISOLATED GROUND, AF=AFCI, ST=SHUNT TRIP, RED=PROVIDE RED COLORED BREAKER, AF=ARC FAULT CURRENT INTERRUPTER, GA=COMBINATION OF GROUND FAULT AND ARC FAULT CIRCUIT INTERRUPTER, GS=COMBINATION OF SHUNT TRIP WITH GFCI

MOTOR TOTALS INCLUDED IN ALL OTHER LOADS WITH LARGEST MOTOR CALCULATED @ 125% PER NEC

RECEPTACLES: **1.6 kVA @ 100% = 1.6 kVA** - FIRST 10kVA @ 100%, REMAINDER @ 50%

DIVERSIFIED TOTAL kVA = 9

AVERAGE AMPS PER PHASE = 25

CLIEN	T:					JOB:			1	10/30/2020			CIRCUI	TS:	32
PANE	L ID: O	R7		MOUN	IT: FLUSH	TYPE:	BOLT-ON BOLT-O	N 1:	20 VOLT 1 PHASE 3 WIRE ISOLAT	ION PANEL					
20		AMPER			BREAKER	LOCAT				PANE	L SIZE:		72"Hx32	!"Wx12"E)
					IDENTIFICATION, GROUNDING BAR, LINE I				DRMERS,						
INDIC					HTS, STAINLESS STEEL COVER (BOTH PAI		S UNDER COMMON COV	ER)							
		ITICAL BI			CTION	SECTION 1									
CIR	O/C PR		OUTLI			LCL	LOAD	LCL _		OUTL	ETS		O/C PR	TC	_ C
#	AMP	POLE	LTG	CO'S	PWR DESCRIPTION			KVA	DESCRIPTION	LTG	CO'S	PWR	AMP	POLE	#
1	20	2		3	ANESTHIESIA BOOM	0.6	1	0.4	EAST WALL PLGS		2		20	2	
3	20	2		3	ANESTHESIA BOOM	0.6	1	0.4	MONITOR AND PLGS		2		20	2	
5	20	2			BOOM PLGS	0	0.4	0.4	NRS STN PLG & CLKS		2		20	2	
7	20	2		2	BOOM C PLGS	0.4	0.8	0.4	NRS STN PLGS		2		20	2	
9	20	2			BOOM C PLBS	0	0.2	0.2	V1 RECEPT		1		20	2	
11	20	2		2	SPARE	0.4	0.8	0.4	NRSE STN PLGS		2		20	2	
13	20	2		2	SPARE	0.4	0.4	0	LITGHT BOOM				20	2	
15	20	2			SPARE	0	0	0	SPARE				20	2	
															\top
TOTAI	LS:			KVA		l .	4.6	TOTAL KV	A					4.6	 3
	AMPS						38	AVERAGE						19	
PANE	L ID: OR(1-6)B		MOUN	IT: FLUSH	TYPE:	BOLT-ON BOLT-O	N 1:	20 VOLT 1 PHASE 3 WIRE ISOLAT	ION PANEL					
20		AMPER	F MAIN		BREAKER	LOCAT					L SIZE:		72"Hx32	"Wx12"F	
					IDENTIFICATION, GROUNDING BAR, LINE I			O VOLT TRANSFO	DRMERS						
					HTS, STAINLESS STEEL COVER (BOTH PA				, w						
		, 11	.5.0, (1	5. (2.0	,	0_01101		'/							
	PU//E	│ R #2 SECT	TION				SECTION 2								
CIR	O/C PR		OUTLI	FTS		LCLL		LCL		OUTLI	FTS		O/C PR)T	
#	AMP	POLE			PWR DESCRIPTION	KVA		KVA	DESCRIPTION		CO'S	PWR	AMP	POLE	_
	20	2	LIG	3	ANESTHESIA BOOM	0.6	1.4	0.8	EAST WALL PLGS	LIG	4	FVVK	20	2	+
1	20		+	3	AINEST FIESTA BOOM	0.0	1.4	0.6	LAST WALL FLGS		4		20		+
2	20	2	-	3	ANESTHESIA BOOM	0.6	1	0.4	NORTH WALL PLGS		2		20	2	+
3	20	2	1	3	AINEST RESIA BOOM	0.6	l	0.4	NORTH WALL PLGS		2		20	2	_
5	00			-	LIGHT BOOM MONITOR	0.0	0.0	0.4	NUIDOE OTATION DI CO				00		+
^	20	2	1	1	LIGHT BOOM MONITOR	0.2	0.6	0.4	NURSE STATION PLGS		2	1	20	2	

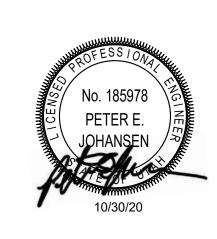
	POWER	R #2 SECT	ION			5	SECTION 2							
CIR	O/C PR	ОТ	OUTL	ETS		LCLLOA	D	LCL		OUTLETS		O/C PROT		CIR
#	AMP	POLE	LTG	CO'S PWR	DESCRIPTION	KVA		KVA	DESCRIPTION	LTG	CO'S PWR	AMP	POLE	#
1	20	2		3	ANESTHESIA BOOM	0.6	1.4	0.8	EAST WALL PLGS		4	20	2	2
3	20	2		3	ANESTHESIA BOOM	0.6	1	0.4	NORTH WALL PLGS		2	20	2	4
5	20	2		1	LIGHT BOOM MONITOR	0.2	0.6	0.4	NURSE STATION PLGS		2	20	2	6
7	20	2		2	SOUTH WALL PLGS	0.4	0.8	0.4	NURSE STATION PLGS		2	20	2	8
9	20	2			SPARE	0	0.2	0.2	NURSE STATION PLGS		1	20	2	10
11	20	2			BOOM C PLGS	0	0.4	0.4	SPARE		2	20	2	12
13	20	2			BOOM C PLGS	0	0	0	SPARE			20	2	14
15	20	2			SPARE	0	0	0	SPARE			20	2	16
ГОТА	LS:			KVA			4.4	TOTAL KVA	A				4.4	
				AMPS			37	AVERAGE	AMPS				18	

CLIEN	IT:					JOB:				10	0/30/2020		CIRCUI	ΓS:	32	
PANE	L ID: C	R8	MOL	INT: FLU	SH	TYPE:	BOLT-ON	BOLT-ON		120 VOLT 1 PHASE 3 WIRE ISOLATION	ON PANEL		1		-	
20		AMPER	E MAIN	BRE	AKER	LOCATI	ON:				PANE	L SIZE:	72"Hx32	"Wx12"[)	
ACCE	SSORIE	S: PANEL	DIRECTORY	, IDENTIFICAT	TON, GROUNDING BAR, LINE IS	SOLATION MO	ONITORS, 7.5 k	(VA, 480-120 V	OLT TRANS	SFORMERS,						
INDIC	ATOR AL	ARMS, IN	DICATOR LIC	HTS, STAINLI	ESS STEEL COVER (BOTH PAN	NEL SECTION	S UNDER COM	IMON COVER)								
	CF	RITICAL BI	RANCH #1 SE	CTION	;	SECTION 1										
CIR	O/C PR	ОТ	OUTLETS			LCL	LOAD		LCL		OUTL	ETS	O/C PROT		С	
#	AMP	POLE	LTG CO'S	PWR	DESCRIPTION				KVA	DESCRIPTION	LTG	CO'S PWR	AMP	POLE	#	
1	20	2	3		ANESTHIESIA BOOM	0.6		1	0.4	EAST WALL PLGS		2	20	2		
3	20	2	3		ANESTHESIA BOOM	0.6		1	0.4	MONITOR AND PLGS		2	20	2		
															\perp	
5	20	2			BOOM PLGS	0	0.	4	0.4	NRS STN PLG & CLKS		2	20	2	_	
							_					_			_	
7	20	2	2		BOOM C PLGS	0.4	0.	8	0.4	NRS STN PLGS		2	20	2		
9	20	2			BOOM C PLBS	0	0.	2	0.2	V1 RECEPT		1	20	2		
9	20	2			BOOIVI C PLBS	0	0.		0.2	VI RECEPT		ı	20	2	-	
11	20	2	2		SPARE	0.4	0.	Ω	0.4	NRSE STN PLGS		2	20	2		
- ' '	20				31 AIL	0.4	0.	0	0.4	NINGE STIVE EGG		2	20		_	
13	20	2	2		SPARE	0.4	0.	4	0	LITGHT BOOM			20	2		
															+	
15	20	2			SPARE	0		0	0	SPARE			20	2		
TOTA	10.		KVA				4.	6	TOTAL	 /\/A				1 4		
IOIA	LO.		AMP	0				<u>8</u>		GE AMPS				4.6		

20		AMPER	E MANINI	•		BREAKER	LOCATION:				PANEL	CIZE:		72"Hx32'	חייב זיעעי	
	0000150			TODY I				DO 7.5 10.14 400.4	00) (01 T TDANIOE 01	DMEDO	FAINL	JIZL.		12 1102	VVXIZ D	
						CATION, GROUNDING BAR, LINE ISC		<u> </u>		RMERS,						
NDIC	ATOR AL	ARMS, II	NDICAT	OR LIGI	HIS, STA	AINLESS STEEL COVER (BOTH PANE	L SECTIONS UNI	DER COMMON CO	VER)							
		#2 SECT						TION 2								
CIR	O/C PRO	TC	OUTLE	ETS			LCLLOAD		LCL		OUTLE	ETS		O/C PRO	ıΤ	
#	AMP	POLE	LTG	CO'S	PWR	DESCRIPTION	KVA		KVA	DESCRIPTION	LTG	CO'S	PWR	AMP	POLE	
1	20	2		3		ANESTHESIA BOOM	0.6	1.4	0.8	EAST WALL PLGS		4		20	2	
																Ī
3	20	2		3		ANESTHESIA BOOM	0.6	1	0.4	NORTH WALL PLGS		2		20	2	Ť
																t
5	20	2		1		LIGHT BOOM MONITOR	0.2	0.6	0.4	NURSE STATION PLGS		2		20	2	İ
																t
7	20	2		2		SOUTH WALL PLGS	0.4	0.8	0.4	NURSE STATION PLGS		2		20	2	t
				_								_				t
9	20	2				SPARE	0	0.2	0.2	NURSE STATION PLGS		1		20	2	t
						0171112		0.2	0.2	HOROZ GIAMIONI ZOG		•		20		+
11	20	2				BOOM C PLGS	0	0.4	0.4	SPARE		2		20	2	+
						BOOM OT LOC		0.4	0.4	OI / II C				20		+
13	20	2				BOOM C PLGS	0	0	0	SPARE				20	2	+
13	20					BOOM C FEGS	0	0		SPAIL				20		+
15	20	2				SPARE	0	0	0	SPARE				20	2	+
13	20					SFAILL		0		SPAIL				20		+
ОТАІ	Ç.			KVA				4.4	TOTAL KVA						4.4	L
OTAL	OTALS:															
				AMPS				37	AVERAGE A	AIVIPO					18	

PANEL SCHEDULE IS TYPICAL FOR OR ROOMS #1, #2, #3, #4, #5 , #6 & #7

524 SOUTH 600 EAST 801.575.8800 SALT LAKE CITY, UT 84102 VCBO.COM





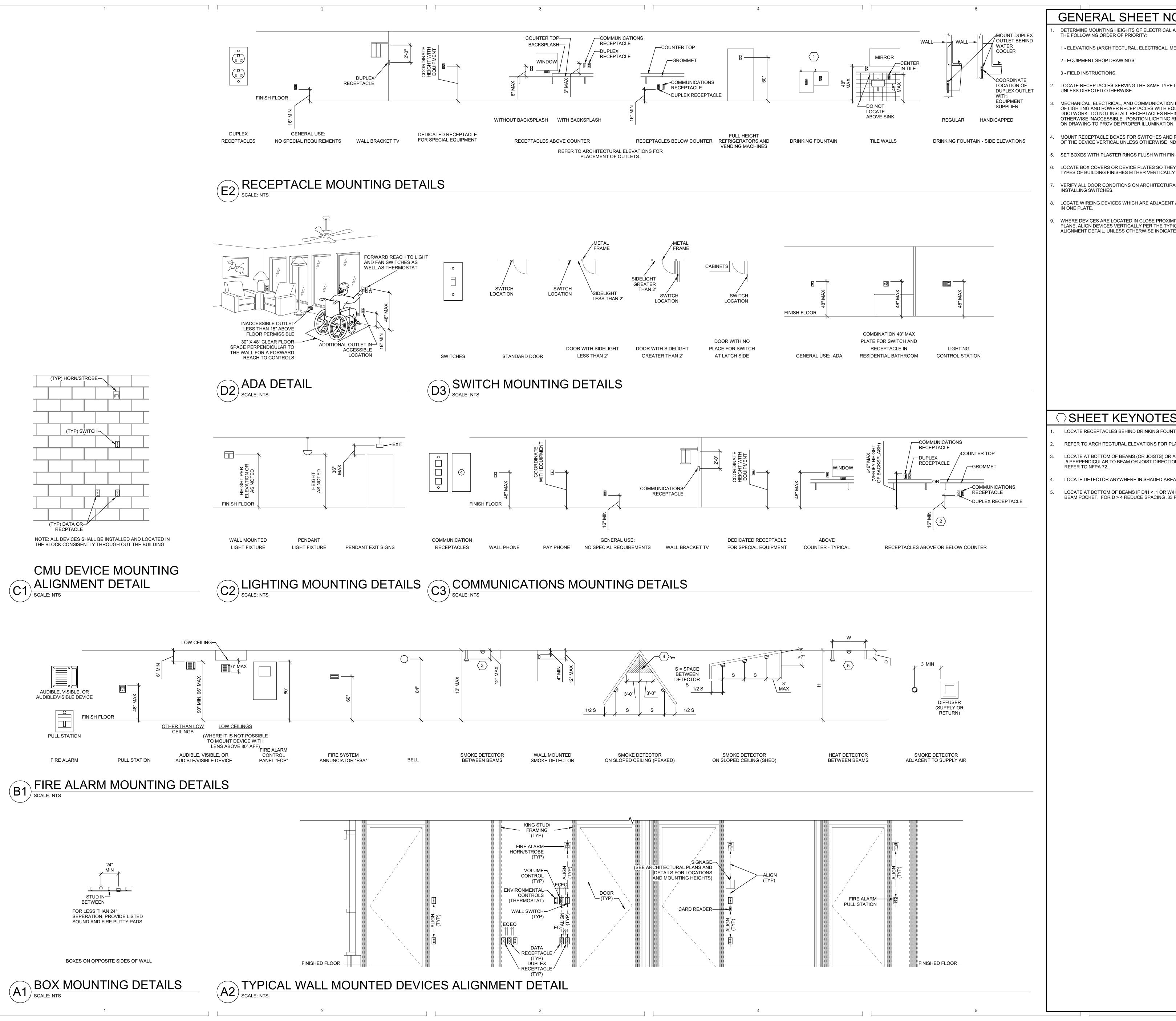
REV DATE DESCRIPTION

CLIENT NUMBER: DATE:

OCT. 30 2020

TORY

MCKAY-DEE AI



GENERAL SHEET NOTES

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

⇒ SHEET KEYNOTES

- LOCATE RECEPTACLES BEHIND DRINKING FOUNTAINS.
- REFER TO ARCHITECTURAL ELEVATIONS FOR PLACEMENT OF OUTLETS. LOCATE AT BOTTOM OF BEAMS (OR JOISTS) OR AT CEILING. (REDUCE SPACING BY .5 PERPENDICULAR TO BEAM OR JOIST DIRECTION.) FOR OTHER CONDITIONS, REFER TO NFPA 72.
- LOCATE DETECTOR ANYWHERE IN SHADED AREA BUT NOT IN TOP 4" OF PEAK.
- LOCATE AT BOTTOM OF BEAMS IF D/H < .1 OR W/H < .4; OTHERWISE, LOCATE IN BEAM POCKET. FOR D > 4 REDUCE SPACING .33 PERPENDICULAR TO BEAMS.

524 SOUTH 600 EAST SALT LAKE CITY, UT 84102





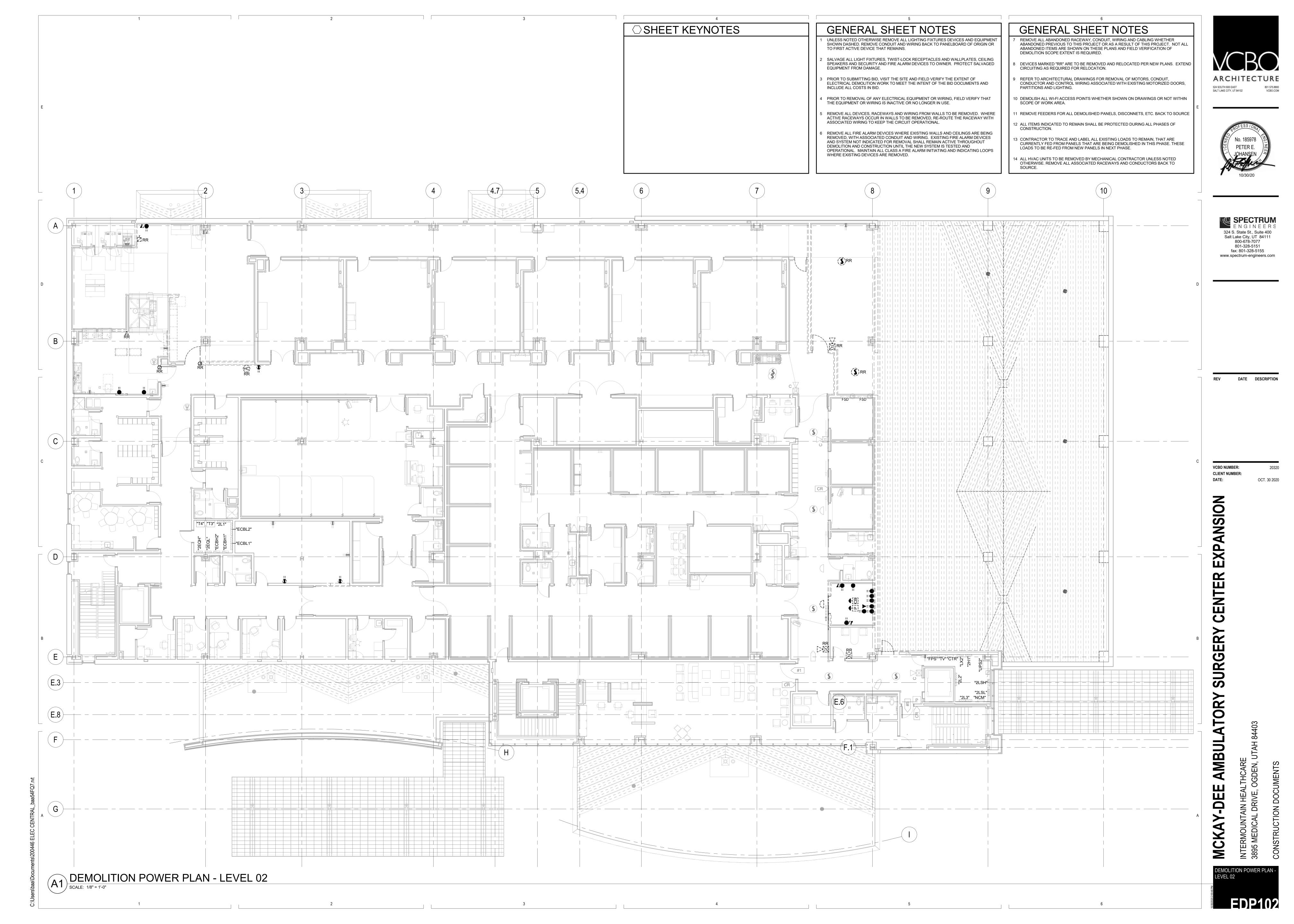
DATE DESCRIPTION

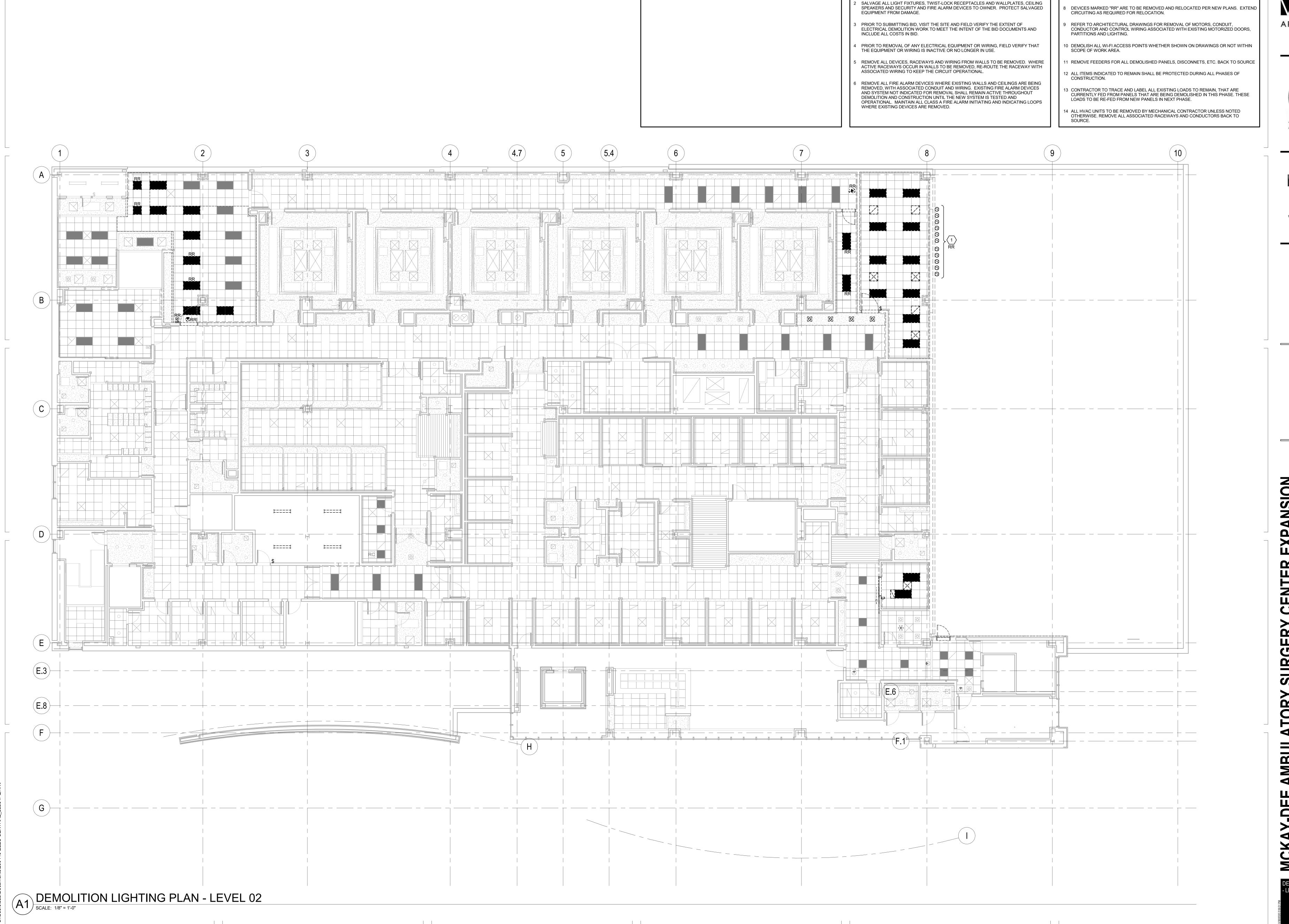
CLIENT NUMBER:

OCT. 30 2020

DATE: **EXPANSION** CENTER SURGERY **ATORY** MBUL -DEE

MCK. TYPICAL MOUNTING HEIGHT





SHEET KEYNOTES

1 RELOCATE POWER FOR EXTERIOR SIGN. EXTEND CIRCUITING TO NEW

GENERAL SHEET NOTES

GENERAL SHEET NOTES

TO FIRST ACTIVE DEVICE THAT REMAINS.

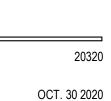
UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES DEVICES AND EQUIPMENT

SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OF ORIGIN OR

REMOVE ALL ABANDONED RACEWAY, CONDUIT, WIRING AND CABLING WHETHER ABANDONED PREVIOUS TO THIS PROJECT OR AS A RESULT OF THIS PROJECT. NOT ALL ABANDONED ITEMS ARE SHOWN ON THESE PLANS AND FIELD VERIFICATION OF DEMOLITION SCOPE EXTENT IS REQUIRED.







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