ELECTRICAL SYMBOLS

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		LIGHTING SYMBOLS			SPECIAL SYSTEMS SYMBOLS								S IS A STANDARD ABBREVIATION LIST. SO NYING DRAWINGS.	OME ABBRE	VIATIONS MAY NOT APPEAR ON THE
	<u>SYMBOL</u>	DESCRIPTION	<u>MH (UON)</u>	<u>SYMBOL</u>	DESCRIPTION	<u>MH (UON)</u>	<u>SYMBOL</u>	POWER SYMBOLS DESCRIPTION	<u>MH (UON)</u>	<u>SYMBOL</u>	DESCRIPTION	2S1W	2 SPEED SINGLE WINDING	KWH	KILOWATT HOUR
	<u>51MBOL</u> \$	SINGLE POLE TOGGLE SWITCH	48" TOD	<u>ک</u>	FIRE ALARM FLASHING STROBE LIGHT - WALL MOUNTED		<u>\$ P</u>	COMBINATION SWITCH AND SIMPLEX RECEPTACLE	48" TOD	<u>ormbol</u>	RACEWAY "UP" OR "TOWARDS"	2S1W	2 SPEED DOUBLE WINDING		
	\$_	SWITCH:	48" TOD		15cd UON.		<u>\$ ¶</u>	COMBINATION SWITCH AND DUPLEX RECEPTACLE	48" TOD	•	RACEWAY "DOWN" OR "AWAY"	A, AMP	AMPERE	LA LC	LIGHTNING ARRESTOR LIGHTING CONTACTOR
	a \$	SUB-LETTER INDICATES FIXTURES CONTROLLED (a) DOUBLE POLE TOGGLE SWITCH	48" TOD	DE _	FIRE ALARM HORN - WALL MOUNTED	NOTE 5	ө	SIMPLEX RECEPTACLE	18" CTR		CIRCUIT CONCEALED IN WALLS OR CEILING SPACE:	A/C	AIR CONDITIONING	LCP	LIGHTING CONTROL PANEL
	*2 ¢			F	COMBINATION FIRE ALARM HORN AND FLASHING STROBE LIGHT - WALL MOUNTED - 15cd UON.	NOTE 5	E	DUPLEX RECEPTACLE:			CONDUCTORS SHALL BE MINIMUM 2#12 AWG AND 1# 12 AWG GROUND IN 3/4" CONDUIT (UON)	AC	ALTERNATING CURRENT ARC FAULT CIRCUIT INTERRUPTER	LP LRA	LIGHTING PANEL LOCKED ROTOR AMPERES
D	» 3	THREE-WAY TOGGLE SWITCH (SPDT)	48" TOD	S F	S - CEILING SPEAKER, F - FIRE ALARM SPEAKER		τ Ο1	'E' (IF SHOWN) INDICATES CONNECTED TO EMERGENCY CIRCUIT	18" CTR		RACEWAY CONCEALED IN SLAB OR BELOW GRADE	AFF AFG	ABOVE FINISHED FLOOR ABOVE FINAL GRADE	LTG LTNG	LIGHTING LIGHTNING
	\$ ₄	FOUR-WAY TOGGLE SWITCH (DPDT)	48" TOD	Æ	FIRE ALARM HORN W/ STROBE - CEILING MOUNTED -		Ø	DUPLEX RECEPTACLE:		#	BRANCH CIRCUIT HOMERUN TO PANELBOARD: QUANTITY OF CIRCUITS INDICATED BY ARROWS	AHU	AIR HANDLING UNIT		
	\$ _K	KEY OPERATED SWITCH	48" TOD	H	15cd UON. MAGNETIC DOOR HOLDER		€	FLOOR MOUNTED DUPLEX RECEPTACLE:	18" CTR		NUMBER OF CONDUCTORS SHALL BE MINIMUM 4#12 AWG AND 1#12 AWG GROUND IN 3/4" CONDUIT (UON)	AIC	AVAILABLE INTERRUPTING CURRENT	MATV MCB	MASTER ANTENNA TELEVISION MAIN CIRCUIT BREAKER
	\$ _{3D} a	THREE WAY DIMMER SWITCH: SUBLETTER INDICATES FIXTURES CONTROLLED (a)	48" TOD	DACT	DIGITAL ALARM COMMUNICATOR TRANSMITTER			SPLIT WIRED, BOTTOM HALF SWITCHED DUPLEX RECEPTACLE:	IO UIK		RACEWAY RUN EXPOSED:	ALT ANN	ALTERNATE ANNUNCIATOR	MCC MEH	MOTOR CONTROL CENTER METAL HALIDE
	\$ _N	MANUAL STARTER W/ OVERLOADS	48" TOD	FAAP	FIRE ALARM ANNUNCIATOR PANEL		\$	CEILING MOUNTED			CONDUCTORS SHALL BE MINIMUM 2#12 AWG AND 1# 12 AWG GROUND IN 3/4" CONDUIT (UON)	APPROX	APPROXIMATELY	MEI	MANHOLE, MOUNTING HEIGHT
	\$ _P	SWITCH W/ PILOT LIGHT	48" TOD	FACP	FIRE ALARM CONTROL PANEL		()	DUPLEX RECEPTACLE: PEDESTAL TYPE		\bowtie	BUS DUCT OR CABLE TRAY "UP" OR "TOWARDS"	ARCH ATC	ARCHITECT AUTOMATIC TEMPERATURE	MLO MSP	MAIN LUGS ONLY MOTOR STARTER PANEL
A SMITH -	\$ _D	DIMMER SWITCH	48" TOD	RAM	RESCUE ASSISTANCE MASTER CONTROL PANEL	48" TOD	₽	DUPLEX RECEPTACLE: MOUNTED 6" ABOVE BACKSPLASH OR COUNTER		×	BUS DUCT OR CABLE TRAY "DOWN" OR "AWAY"	ATS	CONTROL AUTOMATIC TRANSFER SWITCH	MTD	MOUNTED
re to be r Lan Pazda	ں 1	4 BUTTON DIMMER SWITCH	48" TOD	RAR	RESCUE ASSISTANCE REMOTE STATION	48" TOD	GFI 😝	DUPLEX RECEPTACLE: GROUND FAULT INTERRUPTER TYPE	18" CTR	<u>):</u>	BUS DUCT: TYPE AND SIZE AS INDICATED	AV	AUDIOVISUAL	MV	MERCURY VAPOR
1MENTS AF	⁰4D ¢			TP	FIRE ALARM TRANSPONDER		GFI 😝	DUPLEX RECEPTACLE: GFI MOUNTED 6" ABOVE BACKSPLASH OR COUNTER			TELEPHONE AND POWER POLE ASSEMBLY	AWG	AMERICAN WIRE GAUGE	NC NEC	NORMALLY CLOSED NATIONAL ELECTRIC CODE
UCH DOCL	₽LV	LOW VOLTAGE CONTROL SWITCH	48" TOD	DS ES	DOOR SOLENOID, ELECTRIC STRIKE - LOCKING		нӨ	DUPLEX RECEPTACLE:	84" CTR	7//////////////////////////////////////	CONCRETE ENCASED DUCTBANK BELOW GRADE	BAS	BUILDING AUTOMATION SYSTEM	NFSS	NON-FUSED SAFETY SWITCH
JTRACT, SL GHTS. COP I	\$ _T	MANUAL TIME SWITCH	48" TOD	E	DEVICE CONNECTION POINT FIRE ALARM PULL STATION	48" TOD	IG 😝	MOUNTED HIGH DUPLEX RECEPTACLE:	18" CTR	W	SURFACE MOUNTED RACEWAY ASSEMBLY WITH REMOVABLE	BFC BFG	BELOW FINISHED CEILING BELOW FINISHED GRADE	NO	NUMBER, NORMALLY OPEN
ERVED RIG	\$ _C	MOMENTARY CONTACT SWITCH	48" TOD	$\oplus \oplus$	HEAT DETECTOR:		<i>Э</i> Н	ISOLATED GROUND DUPLEX RECEPTACLE:			COVER	BLDG BOD	BUILDING BOTTOM OF DEVICE	OC	ON CENTER
I PARTY TC THER RES	\$ _{WP}	SWITCH WITH WEATHERPROOF ENCLOSURE	48" TOD		E = ELEVATOR CONTROLS SMOKE DETECTOR (PHOTOELECTRIC):		€	AT 60" A.F.F. DOUBLE DUPLEX RECEPTACLE	60" CTR 18" CTR		MULTI-OUTLET ASSEMBLY: DARK SQUARES INDICATE PREWIRED RECEPTACLE LOCATIONS	DOD		OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
FOR EACH GHT OR O	\$ _{OS}	OCCUPANCY SENSOR SWITCH	48" TOD	♠AB	AB = AUDIBLE BASE, E = ELEVATOR CONTROLS		947 10 1 0				SIZE AS INDICATED	C, CND CATV	CONDUIT CABLE TELEVISION	OFOI	OWNER FURNISHED OWNER INSTALLED
N COPYRI	os os	OCCUPANCY SENSOR (CEILING & WALL MOUNTED)		\Diamond	SMOKE DETECTOR (IONIZATION)		IG	DOUBLE DUPLEX RECEPTACLE ISOLATED GROUND	18" CTR	$\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc$	MULTI-OUTLET ASSEMBLY: WITH RECEPTACLES LOCATED WHERE INDICATED	CB	CIRCUIT BREAKER	OH	OVERHEAD
NE CONTR MMON LAV		TIME CLOCK		\diamond	FIRE ALARM DUCT DETECTOR WITH RELAY		с Ө	SIMPLEX RECEPTACLE: CART RECHARGE	36" CTR		2 CELL MULTI-OUTLET ASSEMBLY:	CCTV CKT. CC	CLOSED CIRCUIT TELEVISION T CIRCUIT	Р	POLE
AITH'S CON				\diamond	CARBON MONOXIDE DETECTOR		₽€	DUPLEX RECEPTACLE:	54" CTR		WITH COMMUNICATION DEVICES AND RECEPTACLES LOCATED WHERE INDICATED	CL	CURRENT LIMITING	PB	PUSHBUTTON
HE EXCEPT	R	RELAY		ARC	FIRE ALARM SYSTEM ADDRESSABLE RELAY -		с Ө	PAY PHONE DUPLEX RECEPTACLE:	36" CTR		MULTI-OUTLET ASSEMBLY:	CLG CONN	CEILING CONNECT	PF PFCC	POWER FACTOR POWER FACTOR CORRECTION
C. MILLAN F		LIGHTING CONTACTOR		ARM	CONTROL FIRE ALARM SYSTEM ADDRESSABLE RELAY -		A (2) H	CART RECHARGE SPECIAL RECEPTACLE:	18" CTR		WITH COMMUNICATION DEVICES LOCATED WHERE INDICATED	CPT	CONTROL POWER TRANSFORMER	DI	CAPACITOR PILOT LIGHT
	Ρ	PHOTOCELL OR PUSHPLATE SWITCH			MONITOR			NEMA 6-20R (20A, 2P, 3W, 208V) SPECIAL RECEPTACLE:			FLEXIBLE CONDUIT	CTR	CURRENT TRANSFORMER CENTER	PLC	PROGRAMMABLE LIGHTING
DEROGA1	00	LIGHTING FIXTURE: RECESSED, SURFACE, OR PENDANT MOUNTED -		RAL	FIRE ALARM SYSTEM REMOTE ALARM LIGHT		в ФН	NEMA 6-30R (30A, 2P, 3W, 208V)	18" CTR		CABLE TRAY	CU CWP	COPPER COLD WATER PIPE	PNL	CONTROL PANEL
		TYPE AS SPECIFIED		FS	FLOW SWITCH CONNECTION		C () H	SPECIAL RECEPTACLE: NEMA 14-30R (30A, 3P, 4W, 208/120V)	18" CTR	۲	GROUND ROD	CX	CONNECT TO EXISTING	PP	POWER PANEL
AS PUBLIC	0 0	LIGHTING FIXTURE: 2 BALLAST		TS	TAMPER SWITCH CONNECTION		D () H	SPECIAL RECEPTACLE: NEMA 15-30R (30A, 3P, 4W, 208V)	18" CTR	Х	LIGHTNING PROTECTION AIR TERMINAL	DC	DIRECT CURRENT	Pp PR	PUMP PAIR
	$\vdash \circ \dashv$	LIGHTING FIXTURE:		K	KEYPAD	48" TOD	A 😡	SPECIAL RECEPTACLE: FLOOR MOUNTED, NEMA 6-20R		<u> </u>	GROUND WIRE CONNECTION	DISC	DISCONNECT	PRN	PRINTER POTENTIAL TRANSFORMER
PROJECT TO BE CO				CR	CARD READER, SEE DETAIL ON SHEET E-401	48" TOD	A D •	SPECIAL RECEPTACLE:		GGG	GROUND WIRE	DN DP	DOWN DISTRIBUTION PANEL	PVC	POLYVINYL CHLORIDE
CT IS NOT	Ē	LIGHTING FIXTURE: WALL MOUNTED - TYPE AS SPECIFIED		DA	DOOR ALARM CONTACT		⇔	PEDESTAL TYPE, NEMA 6-20R TELEVISION RECEPTACLE	72" CTR	• I	LIGHTNING PROTECTION DOWN LEAD	DPDT	DOUBLE POLE DOUBLE THROW	Ø, PH	PHASE
	0	LIGHTING FIXTURE: RECESSED, SURFACE, OR PENDANT MOUNTED		Ρ	PUSH BUTTON PLATE					4		DPST DT	DOUBLE POLE SINGLE THROW DOUBLE THROW	QTY	QUANTITY
	Ю	LIGHTING FIXTURE:					н�	TELEVISION RECEPTACLE	18" BFC	Q	UTILITY POLE	DWG	DRAWING	RCS	REMOTE CONTROL SWITCH
BE USED (ONNECTION RESERVEI		WALL MOUNTED - TYPE AS SPECIFIED			INTERIOR CEILING MOUNTED SURVEILLANCE CAMERA: PROVIDE SIAMESE RG59/U COAX CABLE WITH 18/2		СH	CLOCK HANGER OUTLET	84" CTR			E, EMER	G EMERGENCY	REC, RECPT	RECEPTACLE
L RIGHTS	0	WALL WASHER			POWER CABLE FROM OWNER PROVIDED EQUIPMENT RACK IN IT 113. PROVIDE 15 FT OF EXTRA CABLING		¹ එා ² එා	PROGRAM CLOCK OUTLET: SINGLE FACE, DOUBLE FACE	84" CTR	ELECT	RICAL DRAWING PRESENTATION	EA	EACH EMPTY CONDUIT	RECPT REQ'D	REQUIRED
HER PURP AL	<0	ADJUSTABLE WALL WASHER			SPOOLED AT END FOR CONNECTION TO OWNER PROVIDED CAMERA. TERMINATE BOTH ENDS OF CABLE		EPO	EMERGENCY POWER OFF SWITCH	48" TOD	SVMD(EF	EXHAUST FAN	RFI	RADIO FREQUENCY INTERFERENCE
	•	LIGHTING FIXTURE WITH BATTERY PACK OR ON			WITH COMPRESSION BNC FITTINGS AND 2.1MM MALE DC CONNECTORS.		0	JUNCTION BOX		<u>SYMBC</u> #	DL DESCRIPTION REVISION NUMBER	EH ELEC	ELECTRIC HEATER ELECTRIC	RGS	RIGID GALVANIZED STEEL
HITECTUR MENTS OI	Ч	EMERGENCY CIRCUIT EMERGENCY BATTERY PACK:		□ A Mb	EXTERIOR WALL MOUNTED SURVEILLANCE CAMERA:	96" CTR	\bigcirc	JUNCTION BOX - WALL MOUNTED	48" TOD	<u> </u>	DRAWING NOTE NUMBER	ELEV	ELEVATOR	RLA RM	RUNNING LOAD AMPERES ROOM
r Require	_	W/ NUMBER OF HEADS INDICATED			PROVIDE WEATHER PROOF DIE CAST SINGLE GANG BACKBOX MOUNTED FLUSH WITH WALL SURFACE AND		Ē					ETR EWC	EXISTING TO REMAIN ELECTRIC WATER COOLER	RVAT	REDUCED VOLTAGE AUTO TRANSFORMER
PAZDAN S GULATORY	B	EMERGENCY BATTERY PACK: W/ REMOTE HEADS			SIAMESE RG59/U COAX CABLE WITH 18/2 POWER CABLE FROM OWNER PROVIDED EQUIPMENT RACK IN			EQUIPMENT CONNECTION AS NOTED		EQ-1	REFER TO EQUIPMENT SCHEDULE	EX	EXISTING	RX	REMOVE EXISTING
ACMILLAN FICIAL REI	ſ	REMOTE EMERGENCY HEAD			IT 113 FOR CONNECTION TO OWNER PROVIDED CAMERA. TERMINATE BOTH ENDS OF CABLE WITH		©۲ ا	EQUIPMENT CONNECTION AS NOTED - WALL MOUNTED	48" TOD	XX		EXP	EXPOSED	SC	SURGE CAPACITOR
) meet of)		EMERGENCY BATTERY PACK:			COMPRESSION BNC FITTINGS AND 2.1MM MALE DC		Ψ_3	HEATER CONNECTION - NUMBER INDICATES KILOWATTS (3KW)			SECTION/ELEVATION IDENTIFICATION	FA FAAP	FIRE ALARM FIRE ALARM ANNUNCIATOR PANEL	SEC	SECONDARY
BUTION TC	0	SEMI RECESSED, CEILING MOUNT EXIT SIGN:			CONNECTORS. PROVIDE 1" CONDUIT FROM BOX TO ABOVE INTERIOR ACCESSIBLE CEILING.		\$	HEATER FAN - CEILING MOUNTED				FACP	FIRE ALARM CONTROL PANEL	SN, S/N SP	SOLID NEUTRAL SURGE PROTECTION
DISTRIE	€	CEILING OR PENDANT MOUNTED (SHADED PORTION		$\overset{4}{\nabla}$	DATA OUTLET:	18" CTR	СВ	ENCLOSED CIRCUIT BREAKER		XX		FBO FC	FURNISHED BY OTHERS FAN COIL	SPD	SURGE PROTECTION DEVICE
	*	INDICATES FACE) EXIT SIGN:			PROVIDE DOUBLE GANG BACKBOX WITH SINGLE GANG REDUCER AND 1" CONDUIT WITH PULL STRING			NON-FUSED DISCONNECT SWITCH:		XX XX,	SECTION / PLAN / DETAIL NUMBER	FDR	FEEDER	SPDT	SINGLE POLE DOUBLE THROW SAFETY SWITCH
ure are / Ject. Sue	tr Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch Ch	WALL MOUNTED - END, BACK			STUBBED TO ABOVE ACCESSIBLE CEILING.			30A, 3P (UON) FUSED DISCONNECT SWITCH:			SHEET NUMBER WHERE SECTION / PLAN / DETAIL IS DRAWN	FLA FLR	FULL LOAD AMPERES FLOOR	SST ST	SOLID STATE SINGLE THROW
IF THE PR(†0 ‡	EXIT SIGN: W/ DIRECTIONAL ARROWS			4 = PROVIDE (4) CAT5E CABLES AND JACKS IN FACEPLATE. ROUTE CABLES TO OWNER PROVIDED		40 🗁	FUSE SIZE AS INDICATED (40A)			 SHEET NUMBER WHERE SECTION / PLAN / DETAIL IS TAKEN FROM 	FR	FRAME FUSED, FUSIBLE	SW	SWITCH
LETION O	□• □•□	POLE MOUNTED LIGHTING FIXTURE:		TV	EQUIPMENT RACK IN IT 113.		MS	MAGNETIC MOTOR STARTER				FU FUSS	FUSED SAFETY SWITCH	SWBD	SWITCHBOARD
DAN PAZDA PON COMF	×	SINGLE HEAD, DOUBLE HEAD POLE MOUNTED LIGHTING FIXTURE:		∇	TV DATA OUTLET: PROVIDE DOUBLE GANG BACKBOX WITH SINGLE	60" CTR	FVNR	COMBINATION MAGNETIC MOTOR STARTER: ABBREVIATION INDICATES TYPE - FVNR, FVR, RVAT,			NEW ELECTRICAL WORK LINE THE	FVNR FVR	FULL VOLTAGE NON-REVERSING FULL VOLTAGE REVERSING	TBR	TO BE REMOVED
ecture uil	Q	SINGLE, POLE TOP			GANG REDUCER AND 1" CONDUIT WITH PULL STRING STUBBED TO ABOVE ACCESSIBLE CEILING.		VFC	2S1W, 2S2W, SST VARIABLE FREQUENCY CONTROLLER W/ FUSED						TC TEL, TEL	TIME CLOCK E TELEPHONE
H ARCHITE	₽ ● ``	LIGHTING POLE (SPORTS)			TV = PROVIDE (2) CAT5E CABLES AND JACKS IN			DISCONNECT SWITCH				GEN GFCI	GENERATOR, GENERAL GROUND FAULT CIRCUIT	TH TOC	TUNGSTEN HALOGEN TOP OF CABINET
DAN SMITI DAN SMITI					FACEPLATE. ROUTE CABLES TO OWNER PROVIDED		VFD	VARIABLE FREQUENCY DRIVE W/ DISCONNECT SWITCH					INTERRUPTER	TOD	TOP OF DEVICE
OPIES THE				ATC	EQUIPMENT RACK IN IT 113.		Ф _{НР}					GFI GFP	GROUND FAULT INTERRUPTER GROUND FAULT PROTECTED	trans, XFMR	TRANSFORMER
NS AND C R TO MCM I				V	ATC PANEL OUTLET: PROVIDE DOUBLE GANG BACKBOX WITH SINGLE	18" CTR	<u>G</u>	NUMERALS (IF SHOWN) INDICATE HP GENERATOR:			CIRCUIT DESIGNATIONS	GFR GRD	GROUND FAULT RELAY GROUND	TTB	TELEPHONE TERMINAL BOARD
UNTED FOI					GANG REDUCER AND 1" CONDUIT WITH PULL STRING STUBBED TO ABOVE ACCESSIBLE CEILING. LOCATE		∕ KVV ⊄	NUMERALS (IF SHOWN) INDICATE KW		LIGHTING	A # a <u>POWER</u> #	GRS	GALVANIZED RIGID STEEL	TW TYP	TWISTED TYPICAL
VINGS, SP BLY ACCO					OUTLET TO SERVICE MECHANICAL ATC PANEL. COORDINATE EXACT LOCATION IN THE FIELD WITH		*M	MANUAL MOTOR STARTER W/ THERMAL OVERLOADS CONTROL PANEL:		FIXTURE TY		HID	HIGH INTENSITY DISCHARGE	UCB	UNIT CIRCUIT BREAKER
ALL DRAI OR SUITA					CONTROLS CONTRACTOR.		СР	TYPE AS INDICATED		CIRCUIT DES (#12AWG MIN		HOA	HAND-OFF-AUTOMATIC	UG	UNDERGROUND
					BAS = PROVIDE (2) CAT5E CABLES AND JACKS IN FACEPLATE. ROUTE CABLES TO OWNER PROVIDED		PB	MOMENTARY CONTACT START-STOP PUSHBUTTON STATION	48" TOD		,	HP HPS	HEAT PUMP, HORSEPOWER HIGH PRESSURE SODIUM	UH UON	UNIT HEATER UNLESS OTHERWISE NOTED
					EQUIPMENT RACK IN IT 113.		PBM	MAINTAINED CONTACT START-STOP PUSHBUTTON STATION	48" TOD	SWITCH DES		HTR	HEATER	UV	UNIT VENTILATOR
				WAP	WIRELESS ACCESS POINT: PROVIDE (1) CAT5E CABLE FROM OWNER PROVIDED		ES	MAINTAINED CONTACT EMERGENCY STOP	48" TOD	-		HV HZ	HIGH VOLTAGE HERTZ	V	VOLTS
					EQUIPMENT RACK IN IT 113 TERMINATED TO A		-	PUSHBUTTON STATION BRANCH PANELBOARD	90" TOC		AL SYMBOLS NOTES	IC	ISOLATED GROUND	VFC	VARIABLE FREQUENCY CONTROLLER
					BISCUIT JACK ABOVE CEILING WITH 5 FT COILED SLACK CABLE.			DISTRIBUTION PANELBOARD				U		VFD	CONTROLLER VARIABLE FREQUENCY DRIVE
А											A STANDARD SYMBOL LIST. SOME SYMBOLS MAY NOT APPEAR ON THE	JB	JUNCTION BOX	\٨/	WATTS, WIRE
							Т	TRANSFORMER, CONCRETE PAD MOUNTED		2. REFER	PANYING DRAWINGS. TO SPECIFICATIONS FOR DETAILED REQUIREMENTS.	KCMIL	THOUSAND CIRCULAR MILS	W/	WITH
										4. ON SING	ND SECTION SYMBOLS MAY ALSO BE USED ON RISER DIAGRAMS. GLE LINE DIAGRAMS FOR 3 PHASE SYSTEMS, DEVICE QUANTITY = 3,	KV KVA	KILOVOLTS KILOVOLT AMPERES	WP	WEATHER-PROOF
										UNLESS	S OTHERWISE NOTED. SHALL BE MOUNTED A MINIMUM OF 90" AFF TO BOTTOM OF DEVICE OR	KVAR KW	KILOVOLT AMPERES REACTIVE KILOWATTS	XFMR, TRANS	TRANSFORMER
											THE FINISHED CEILING OF NOT LESS THAN 6" TO TOP OF DEVICE, EVER IS LOWER.	۲NV		XP	EXPLOSION PROOF
											S OTHERWISE NOTED, ALL INTERIOR CONDUITS AND BOXES SHALL BE				

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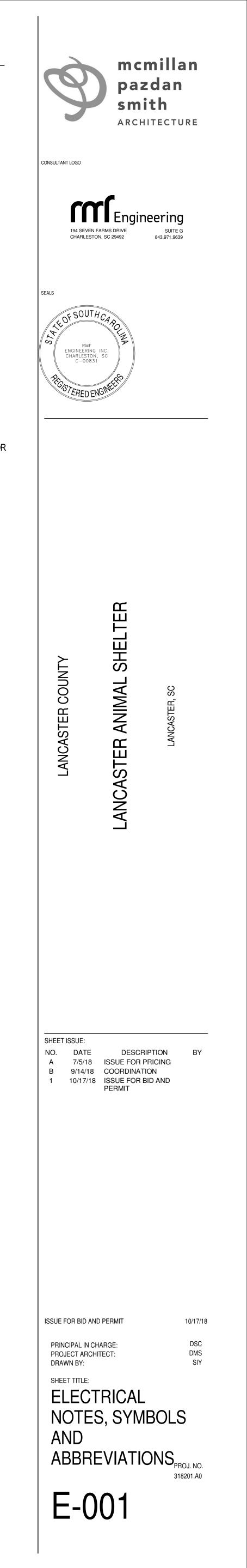
ELECTRICAL ABBREVIATIONS

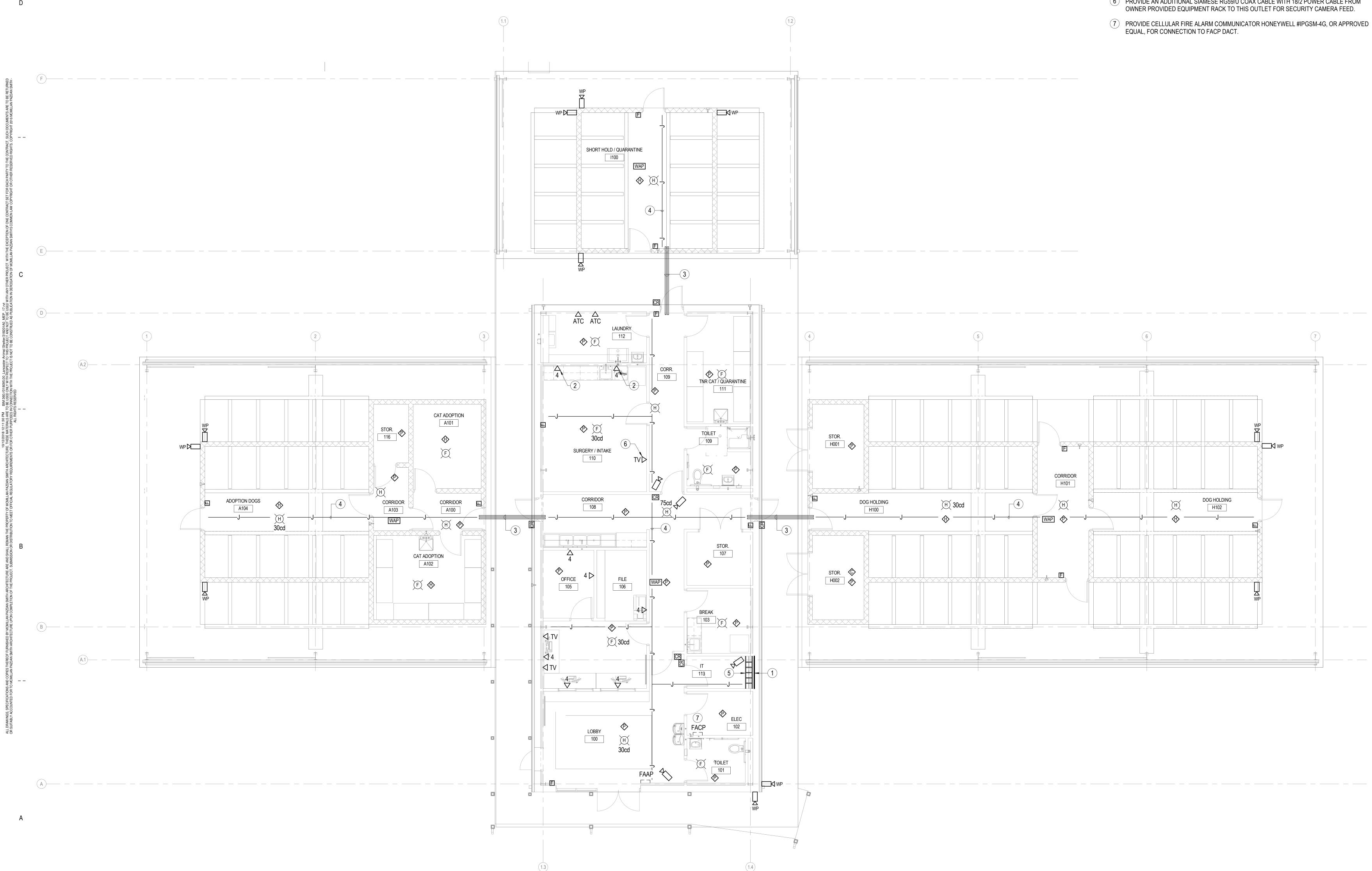
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6. UNLESS OTHERWISE NOTED, ALL INTERIOR CONDUITS AND BOXES SHALL BE CONCEALED.





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 SPECIAL SYSTEMS PLAN

 3/16" = 1'-0"

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DRAWING NOTES

- 1 PROVIDE 4'X8'X3/4" PLYWOOD, AC GRADE OR BETTER, ALONG ENTIRE LENGTH OF WALL. PAINT ALL SIDES WITH TWO COATS OF WHITE FIRE RETARDANT PAINT.
- (2) MOUNT DATA OUTLET AT SAME HEIGHT AS ADJACENT ABOVE COUNTER RECEPTACLE.
- 3 PROVIDE (2) 2" CONDUIT SLEEVES WITH PULL STRING, (1) FOR SECURITY CABLING AND (1) FOR DATA CABLING, ROUTED ABOVE CANOPY AND STUBBED TO ABOVE ACCESSIBLE CEILING. ROUTE GROUPED IN CLOSE PROXIMITY TO MECHANICAL PIPING IN THE AREA.
- (4) PROVIDE 2-TIER J-HOOK TREE SYSTEM 4'-0" ON CENTER ALONG PATH INDICATED FOR DATA AND SECURITY CABLING. COORDINATE EXACT ROUTING IN THE FIELD WITH OTHER ABOVE CEILING UTILITIES.
- (5) PROVIDE 12" LADDER RUNWAY SECURED TO TOP OF OWNER PROVIDED EQUIPMENT RACK.
- 6 PROVIDE AN ADDITIONAL SIAMESE RG59/U COAX CABLE WITH 18/2 POWER CABLE FROM OWNER PROVIDED EQUIPMENT RACK TO THIS OUTLET FOR SECURITY CAMERA FEED.

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