



PROJ. NO.
2007

SCALE
N.T.S.
DATE
06/01/07

DRAWING NO.
E0.1

ELECTRICAL SYMBOLS

SYMBOL	DESCRIPTION	MTG HT UNO	SYMBOL	DESCRIPTION	MTG HT UNO	SYMBOL	DESCRIPTION	MTG HT UNO	
LIGHTING FIXTURES			WIRING DEVICES			FIRE ALARM DEVICES			
8 Ab	FLUORESCENT FIXTURE (FIXTURE TYPE "A", SWITCHED BY \$b, BRANCH CIRCUIT NUMBER 8)	SEE FIX. SCHED.	\$ ₃	SWITCH (SUBSCRIPT "3, 4, P, K OR D" DENOTES 3-WAY, 4-WAY, PILOT LIGHT, KEY OPERATED OR DIMMER, RESPECTIVELY)	48" AFF	F	FIRE ALARM PULL STATION (FLUSH MOUNTED)	48" AFF	
5 AE	FLUORESCENT FIXTURE ON EMERGENCY CIRCUIT (FIXTURE TYPE "AE", SWITCHED BY \$g, BRANCH CIRCUIT NUMBER 5)	SEE FIX. SCHED.	\$ _{MS}	OCCUPANCY SENSOR AND SINGLE POLE SWITCH COMBINATION	48" AFF	F<	FIRE ALARM AUDIBLE/VISUAL DEVICE	80" AFF	
21 B	FLUORESCENT STRIP FIXTURE (FIXTURE TYPE "B", BRANCH CIRCUIT NUMBER 21)	SEE FIX. SCHED.	⊖	SIMPLEX RECEPTACLE	18" AFF	L<	FIRE ALARM VISUAL DEVICE	80" AFF	
3 C	CEILING OR WALL MOUNTED FLUORESCENT OR INCANDESCENT DOWNLIGHT FIXTURE (FIXTURE TYPE "C", BRANCH CIRCUIT NUMBER 3)	SEE FIX. SCHED.	22 ⊖	DUPLEX RECEPTACLE (BRANCH CIRCUIT NUMBER 22)	18" AFF	S	FIRE ALARM SMOKE DETECTOR (SUBSCRIPT "D" DENOTES DUCT DETECTOR)	CEILING	
	DOWN LIGHT FIXTURES ON EMERGENCY CIRCUIT CEILING OR WALL MOUNTED.	SEE FIX. SCHED.	⊖ _{IG}	ISOLATED GROUND DUPLEX RECEPTACLE	18" AFF	H	FIRE ALARM HEAT DETECTOR		
	EXIT LIGHT CEILING OR WALL MTD., SHADING INDICATING SINGLE OR DOUBLE FACE, DIRECTION AS INDICATED	9" BFC		QUADRAPLEX RECEPTACLE (TWO DUPLEX UNDER COMMON COVER)	18" AFF	FS	FIRE ALARM FLOW SWITCH		
DISCONNECTS AND MOTORS				DUPLEX RECEPTACLE MOUNTED 8" ABOVE COUNTERTOP U.N.O.	--	TS	FIRE ALARM TAMPER SWITCH		
30/--/3	DISCONNECT SWITCH - 30/--/3 INDICATES 30A., 3-POLE, NONFUSED; 30/30/3 INDICATES 30A., 3-POLE, 30A. FUSE	AS REQD.		DUPLEX RECEPTACLE, GROUND FAULT INTERRUPTER TYPE	18" AFF	■	SMOKE DOOR HOLDER		
CB 30/--/3	CIRCUIT BREAKER DISCONNECT SWITCH - THERMAL MAGNETIC CB IN NEMA 1 ENCLOSURE; AMPS/POLES AS INDICATED	AS REQD.		SPECIAL PURPOSE RECEPTACLE (COORDINATE EXACT TYPE WITH EQUIPMENT SUPPLIER)	18" AFF	P S	PAGING SYSTEM/GENERAL SOUND SPEAKER	CEILING	
2	MOTOR STARTER FVNR UNO; NUMBER INDICATES NEMA SIZE	AS REQD.		CABLE TV OUTLET AND COVERPLATE	AS REQ'D	EP	ELECTRO-PNEUMATIC SWITCH		
CB	COMBINATION MOTOR CONTROLLER/DISCONNECT SWITCH	AS REQD.		WALL CLOCK OUTLET	AS REQ'D	FACP	FIRE ALARM CONTROL PANEL		
\$ _M	MANUAL MOTOR STARTER SWITCH WITH THERMAL OVERLOAD AND PILOT LIGHT	48" AFF		JUNCTION BOX	AS REQ'D	FAAP	FIRE ALARM ANNUNCIATOR PANEL		
	MOTOR			WALL MOUNTED JUNCTION BOX	AS REQ'D	CMX	FIRE ALARM CONTROL MODULE		
	WIRING SYMBOLS--HOT, NEUTRAL			FLOOR MOUNTED POKE-THRU DEVICE WITH POWER PROVISIONS/CONNECTIONS	AS REQ'D	XFMR	TRANSFORMER		
	CONDUIT HOMERUN (2#12, 1/2" C UNO)			FLOOR MOUNTED POKE-THRU DEVICE WITH DATA AND TELEPHONE PROVISIONS/CONNECTIONS	AS REQ'D	ABBREVIATIONS			
	CONDUIT CONCEALED ABOVE CEILING/WITHIN WALLS			TELEPHONE OUTLET (SUBSCRIPT "W" DENOTES WALL MOUNTED AT 48" A.F.F., * INDICATES MOUNTED 8" ABOVE COUNTERTOP U.N.O.)	18" AFF	AIC	AMPERE INTERRUPTING RATING	GFI	GROUND FAULT INTERRUPTER
	CONDUIT CONCEALED IN OR BELOW FLOOR			DATA OUTLET (* INDICATES MOUNTED 8" ABOVE COUNTERTOP U.N.O.)	18" AFF	AFF	ABOVE FINISHED FLOOR	MTD	MOUNT OR MOUNTED
	TELEPHONE CONDUIT WITH PULL WIRE			COMBINATION TELEPHONE/DATA OUTLET (* INDICATES MOUNTED 8" ABOVE COUNTERTOP U.N.O.)	18" AFF	C	CONDUIT	UNO	UNLESS NOTED OTHERWISE
	START-STOP PUSHBUTTON			THERMOSTAT		EC	EMPTY CONDUIT	WP	WEATHERPROOF
	H.O.A. SWITCH			PUSHBUTTON		EX	EXISTING	XFMR	TRANSFORMER
	CEILING OR WALL MNTD INCANDESCENT EMERGENCY FIXTURE	SEE FIX. SCHED.		MULTIOUTLET ASSEMBLY		G	GROUND	NOTES:	
	BRANCH PANELBOARD			BRANCH PANELBOARD		1. PROVIDE 3/4" C FROM TELEPHONE AND DATA OUTLETS TO ABOVE NEAREST ACCESSIBLE LAY-IN CEILING. REFER TO SPECIFICATIONS FOR WIRING REQUIREMENTS.			
						2. MOUNT FIRE ALARM AUDIBLE/VISUAL AND VISUAL ONLY DEVICES AT 80" A.F.F. UNLESS OTHERWISE REQUIRED BY AMERICANS WITH DISABILITIES ACT REQUIREMENTS.			
						3. FIRE ALARM SYSTEM SHALL BE INSTALLED IN A COMPLETE CONDUIT RACEWAY SYSTEM UNLESS OTHERWISE NOTED. ALL CONDUIT SHALL BE 3/4" MINIMUM.			

ELECTRICAL SYMBOLS LEGEND