

ELI	ECTRICAL SYMBOLS LIST				
0/⊍/0-	JUNCTION BOX. CEILING/FLOOR/WALL MOUNTED				
	PULL BOX SIZED AS REQUIRED				
	BELL				
	CHIME				
	HORN (SINGLE/BI- DIRECTIONAL)				
	BUZZER				
	DOOR PUSHBUTTON				
□S	SIGNAL TRANSFORMER				
ОН	MAGNETIC DOOR HOLDER				
<sub>БН</sub> S	MAGNETIC TYPE DOOR CLOSER, 'S' DENOTES SMOKE DETECTOR TYPE				
WF	SPRINKLER WATER FLOW SWITCH				
TS	SPRINKLER SUPERVISED VALVE — TAMPER SWITCH				
0 /SQ	INDICATING CLOCK — SINGLE FACE 'S' — DENOTES SKELETON TYPE 'R' — DENOTES RECESSED TYPE				
S / S-	'D' — DENOTES DOUBLE FACED  SPEAKER; CLG/WALL MTD 'S' — DENOTES SURFACE MOUNTED				
	'D' — DENOTES DOUBLE FACED  VOLUME CONTROL				
M	MICROPHONE OUTLET; CLG/WALL MTD				
/ PA	PUBLIC ADDRESS EQUIPMENT RACK				
PPP	ELECT. POWER PATCH PANEL WITH 4 RECEPTS.AND R/S SWITCH				
[A/V]	MUTIMEDIA PATCH PANEL				
WS	WINDOW ALARM SWITCH				
BS	DOOR PUSHBUTTON				
DCCS	CLOSED CIRCUIT SURVEILLANCE CAMERA 'P' DENOTES PAN - P/T TILT				
CCSM	COLSED CIRCUIT SURVEILLANCE MONITOR - NUMBERS DENOTE QUANTITY				
	TELEVISION ANTENNA OUTLET				
S <sub>™</sub>	TELEVISION SPLITTER NUMBER DENOTES QUANTITY OF SPLITS				
	TELEVISION CAMERA OUTLET				
TVHE	TELEVISION HEADED EQUIPMENT TELEPHONE OUTLET WITH BUSHED OPENING				
<b>▶</b> 1	LETTERS DENOTE: 'H' — HOUSE PHONE 'J' — JACK TYPE, 'P' — PAY (PUBLIC) PHONE, 'W' — WALL TYPE PHONE				
TC	TELEPHONE TERMINAL CABINET				
<b>®</b> s	TELEPHONE FLOOR BOX WITH NIPPLE (RISER) EXTENSION. 'S' DENOTES SERVICE FITTING TYPE				
	DATA OUTLET WITH BUSHED OPENING WALL MOUNTED				
	COMBINATION TELEPHONE/DATA OUTLET WITH BUSHED OPENING WALL MOUNTED				
S	SWITCH				
OS	BELL				
	CHIME				
SS	DOOR STRIKE				
SSP VVV	START/STOP WITH PILOT LIGHT POWER TRANSFORMER				
	GROUND (EARTH)				
''	LIGHTNING ARRESTER				
	CIRCUIT BREAKER				
G	GROUND BUS				
N	NEUTRAL BUS				
CR <sub>R</sub>	CARD READER 'R' — DENOTES RECESSED TYPE				
DO	POWER DOOR OPERATOR				
	INTERCOM				
(M)	CEILING MOUNTED OCCUPANCY SENSOR				
⊢W	SURFACE MOUNTED OCCUPANCY SENSOR				
P	PHOTOSENSOR				

## BRANCH CIRCUIT NOTES:

- 1. CIRCUIT NUMBERS ARE FOR REFERENCE ONLY AND INDICATE THE OUTLETS REQUIRED TO BE CONNECTED TO DESIGNATED CIRCUITS.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND PROVIDING THE ACTUAL NUMBER OF CONDUCTORS REQUIRED FOR ALL BRANCH CIRCUIT WIRING TO SERVE THE INTENDED FUNCTION.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY BALANCING LOADS ON ALL

## FIRE ALARM SYSTEM FIRE ALARM MANUAL PULL STATION SMOKE DETECTOR HEAT (THERMAL) DETECTOR SINGLE STATION SMOKE DETECTOR WITH SELF CONTAINED ALARMS COMBINATION SMOKE DETECTOR CONSISTING OF SMOKE AND HEAT (THERMAL) DETECTOR FIRE ALARM SPEAKER WITH VISUAL ALARM FIRE ALARM SPEAKER - BI-DIRECTIONAL EO FIRE ALARM GONG FIRE ALARM HORN, 'V' - DENOTES, WITH VISUAL ALARM LAMP DUCT TYPE SMOKE DETECTOR DUCT TYPE FIRESTAT MAGNETIC DOOR HOLDER

MAGNETIC TYPE DOOR CLOSER, 'S' DENOTES SMOKE DETECTOR TYPE

SPRINKLER WATER FLOW SWITCH

FIRE FIGHTER'S TELEPHONE JACK

FIRE FIGHTER'S TELEPHONE

FIRE ALARM CONTROL PANEL

FIRE / MULTIPLEX PANEL

FIRE ALARM ANNUNCIATOR

LOCAL FIRE ANNUNCIATOR

ELECTRIC PNEUMATIC SWITCH

MOTORIZED DAMPER

J

FCC

FACP

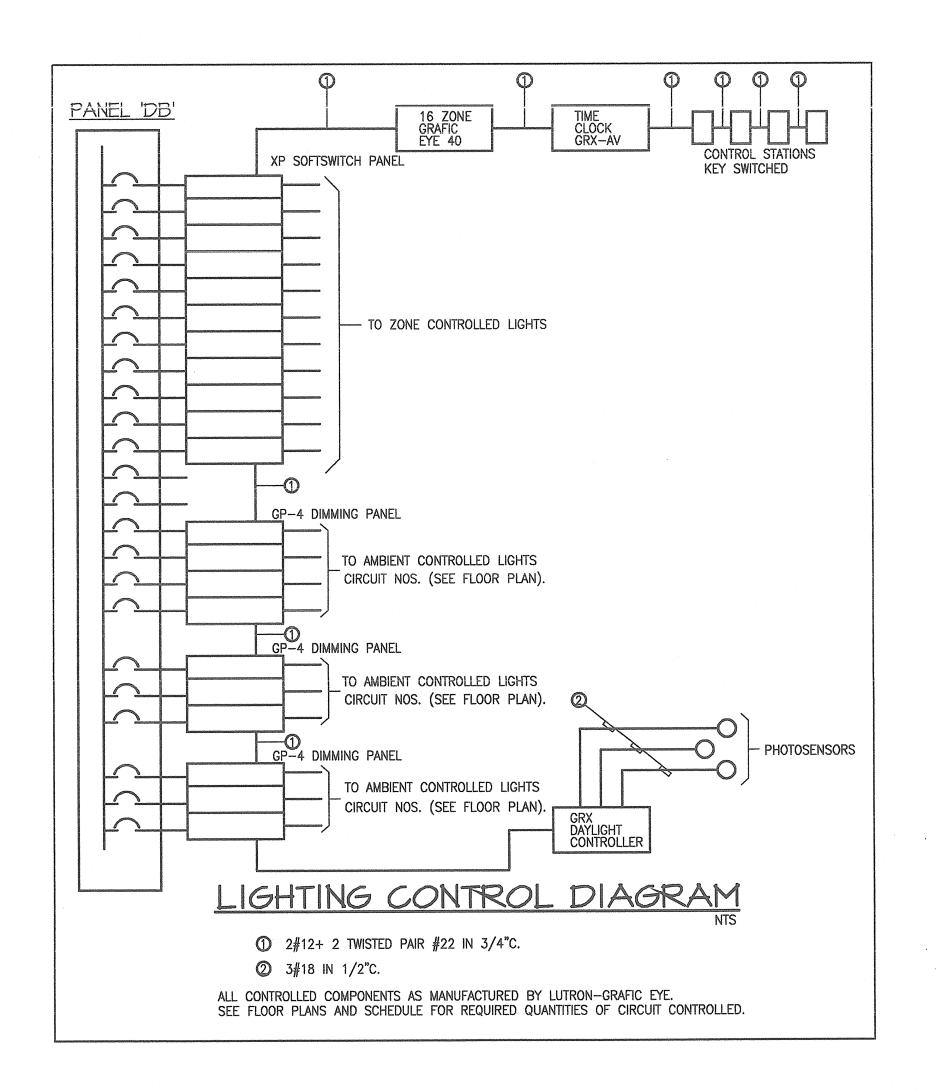
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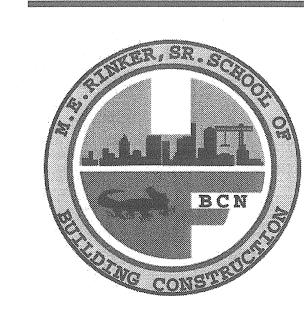
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SPRINKLER SUPERVISED VALVE - TAMPER SWITCH

FIRE COMMAND CENTER (STATION) FCC (FCS)

A	AMPERE(S)	MATV MC	MASTER ANTENNA TELEVISION SYST
AC ACB	ALTERNATING CURRENT AIR CIRCUIT BREAKER	MCC	MOTOR CONTROL CENTER
AFF	ABOVE FINISHED FLOOR	MCM	THOUSAND CIRCULAR MIL(S)
AFG AL	ABD∨E FINISHED GRADE ALUMINUM	MCP M.C.	MOTOR CONTROL PANEL MECHANICAL CONTRACTOR
ALT	ALTERNATE	MH	MANHOLE
ASYM	ASYMMETRICAL	MIC	MICROPHONE
ATS AWG	AUTOMATIC TRANSFER SWITCH AMERICAN WIRE GAUGE	MIN MS	MINIMUM   MAGNETIC STARTER
BC	BOTTOM CONDUIT	MTD	MOUNTED
BD	BUS DUCT	MTG	MOUNTING
BFG BIL	BELOW FINISHED GRADE BASIC IMPULSE LEVEL	MTR MTS	MOTOR   MANUAL TRANSFER SWITCH
BLDG	BUILDING	N	NEUTRAL
BX	ARMORED CABLE	NA	NON-AUTOMATIC
C CATV	CONDUIT CABLE ANTENNA TELEVISION SYSTEM	NC NF	NORMALLY CLOSED
CCAB	CONTROL CABINET	N.I.C.	NOT IN CONTRACT
CCTV	CLOSED CIRCUIT TELEVISION	NL	NIGHT LIGHT
CH	CABINET HEATER	ND NP	NORMALLY OPEN NETWORK PROTECTOR
CKT CKT BKR/CB	CIRCUIT CIRCUIT BREAKER	NTS	NOT TO SCALE
CL	CLOSET	□C	ON CENTER
CLG	CEILING	OL P	OVERLOAD ELEMENT
COND CO	CONDUCTOR CONDUIT ONLY	PA PA	PUBLIC ADDRESS
СТ	CURRENT TRANSFORMER	PB	PULL BOX
CU	COPPER	P.C.	PLUMBING CONTRACTOR
DB DMB	DUCT BANK DIMMER BOARD	PF Ø	POWER FACTOR PHASE
DC	DIRECT CURRENT	PL	PILOT (INDICATOR) LIGHT
DH	DUCT HEATER	PNL	PANEL (PANELBOARD)
DIM DISC	DIMMER CONTROL DISCONNECT	PP PRI	POWER PANEL PRIMARY
DM DISC	DAMPER MOTOR	PT	POTENTIAL TRANSFORMER
DN	DOWN	PVC	POLYVINYL CHLORIDE
DP DT	DISTRIBUTION POWER PANEL(BOARD) DOUBLE THROW	PWR R	POWER   RECESSED
ט DWG	DRAWING	RC	REMOTE CONTROL
EA	EACH	REC	RECEPTACLE
E.C. E.HTR	ELECTRICAL CONTRACTOR ELECTRIC HEATER	SC S	SURFACE SEPARATE CIRCUIT
ELEV	ELECTRIC HEATER	SDB	SUB-DISTRIBUTION BOARD
EL	ELECTRIC	SEC	SECUNDARY
EM EMT	EMERGENCY ELECTRICAL METALLIC TUBING	SMR SP	SURFACE METAL RACEWAY SINGLE POLE
ENT	ELECTRICAL METALLIC TUBING	SPK	SPEAKER
EWC	ELECTRIC WATER COOLER	TZ	SINGLE THROW
EX F	EXISTING FUSE	SWBD	SWITCH   SWITCHBOARD
r FA	FIRE ALARM	SYM	SYMMETRICAL
FACP	FIRE ALARM CONTROL PANEL	T	THERMOSTAT
FBO FCC	FURNISHED BY OTHERS FLAT CONDUCTOR CABLE	TEL TB	TELEPHONE   TERMINAL BOX
FCU	FAN COIL UNIT	TC	TOP CONDUIT
FDR	FEEDER	TCAB	TELEPHONE CABINET
FL FLUOR	FLOOR   FLUORESCENT	T.C.C. TP	TEMPERATURE CONTROL CONTRACTOR
F.P.C.	FIRE PROTECTION CONTRACTOR	TV	TELEVISION
FS	FUSIBLE SWITCH	TYP	TYPICAL
F.S.C. FT	FOOD SERVICE CONTRACTOR FEET OR FOOT	UG UH	UNDERGROUND UNIT HEATER
G.C.	GENERAL CONTRACTOR	UNG	UNGROUNDED
GEN	GENERATOR	UDN	UNLESS OTHERWISE NOTED
GF GG	GROUND FAULT GROUND GRID	UPS V	UNINTERRUPTED POWER SYSTEM
GRD	GROUND	VA	VOLTAMP(S)
HC	HUNG CEILING	VAR	VOLT AMPERES REACTIVE
H.I.D.	HIGH INTENSITY DISCHARGE	VP W	VAPORPROOF   WATT(S)
HP H.P.S.	HURSEPUWER   HIGH PRESSURE SODIUM	W WP	WATTON
HPU	HEAT PUMP UNIT	WT	WATERTIGHT
HT	HEIGHT	XFR XP	TRANSFORMER EXPLOSION PROOF
H∨ HW	HIGH VOLTAGE   HEAVY WALL RIGID CONDUIT	۸۲	CVLCHOTHIN LKHILL
n w HZ	FREQUENCY IN CYCLES PER SECUND		
IC	INTERRUPTING CAPACITY		
IG IMC	ISOLATED GROUND INTERMEDIATE METALLIC CONDUIT		
INC	INTERMEDIATE METALLIC CONDUIT		
JB	JUNCTION BOX		
K	KEY OPERATED		
kVA kVAR	KILOVOLT AMPERE(S)		
kW	KILOWATT(S)		
kWhr .	KILOWATT(S) HOUR(S)		
LP L.P.S.	LIGHTING PANEL LOW PRESSURE SODIUM		
LTG	LIGHTING		





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SYMBOL

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