SYMBOL	DESCRIPTION	NOTES
	LIGHTING FIXTURES	
F1 o / F2 c / F3 b / F4 d	CEILING MOUNTED LIGHTING FIXTURES	UPPER CASE LETTERS INSCRIBED IN SYMBOL INDICATE FIXTURE TYPE REFERENCES TO FIXTURE LIST SUBSCRIPT LOWER CASE LETTERS IN-DICATE SWITCH CONTROL ASSOCIA-TIONS APPLICATION OF ARROWS THUS:-
F1 o / F4 d	WALL MOUNTED LIGHTING FIXTURES	
	FLOOR MOUNTED LIGHTING FIXTURE	INDICATES LIGHT OUTPUT OF DIREC-TIONALLY ORIENTED LIGHTING FIXTURES
	EXIT SIGNS	
	WALL MOUNTED EXIT SIGN	APPLICATION OF SHADED QUADRANTS AND ARROWS THUS:
	CEILING MOUNTED EXIT SIGN	INDICATE LETTERED FACE AND DIREC-TIONAL ARROWS AT SYMBOLS FOR SIGNS FOR WHICH SELECTION OF SUCH FEATURES IS REQUIRED. SUBSCRIPT DESIGNATIONS XA, XB, XC, ETC. INDICATE EXIT SIGN TYPE REF-ERENCES TO LIGHTING FIXTURE LIST.
	JUNCTION AND PULL BOXES -- SECONDARY LIGHT AND POWER WIRING	
H	PULL BOX OR JUNCTION BOX--OUTLET BOX TYPE WALL MOUNTED	
J	PULL BOX OR JUNCTION BOX--OUTLET BOX TYPE MOUNTED AT CEILING	
JB	JUNCTION BOX	
	SECONDARY FEEDERS	
	FEEDER RUN CON-CEALED ABOVE AS PER BASIC REQUIREMENTS FOR THE INSTALLATION OF CIRCUITRY.	
	FEEDER RUN CON-CEALED BELOW AS PER BASIC REQUIREMENTS FOR THE INSTALLATION OF CIRCUITRY.	
	FEEDER RUN EXPOSED AS PER BASIC RE-QUIREMENTS FOR THE INSTALLATION OF	
	FIRE PROTECTIVE ALARM SYSTEMS SOUNDING AND VISUAL DEVICES	
S	SPEAKER	SUBSCRIPT -P- DENOTES PRESIGNAL SUBSCRIPT -T- DENOTES TROUBLE SIGNAL SYMBOLS AS SHOWN REPRESENT CLG MOUNTED DEVICES--CIRCUMSCRIBED CIRCLES THUS:- DENOTE WALL MOUNTING SYMBOLS WITH LOWER PORTION LEFT UNSHADED DENOTE THAT THE ITEMS ARE PART OF AN OVERALL FIRE PRO-TECTIVE ALARM SYSTEM INSCRIBED SHADING IN LOWER POR-TION DENOTES THAT THE ITEMS ARE PART OF A SEPARATE SYSTEM WHICH INCORPORATES ACTUATING DEVICES REPRESENTED BY SIMILARLY SHADED SYMBOLS SUBSCRIPT LOWER CASE LETTERS IN QUOTES DENOTE EXCEPTIONS TO SPECIFIED MOUNTING AS FOLLOWS: "f" - flush "s" - surface
SV	SPEAKER w/ VISUAL ALARM DEVICE	
V	VISUAL ALARM DEVICE	
IR	AREA OF RESCUE ASSISTANCE INTERCOM STATION	
	FIRE PROTECTIVE ALARM SYSTEMS BASIC ITEMS	
FACP	CENTRAL EQUIPMENT OF SYSTEM	
FAA	OUTLYING ANNUN CIATOR	

SYMBOL	DESCRIPTION	NOTES
	FIRE PROTECTIVE ALARM SYSTEM ACTUATING DEVICES	
S	MANUAL FIRE ALARM ACTUATING DEVICE OR STATION	SUBSCRIPT -K- DENOTES STRAP KEY STATION SUBSCRIPT NUM-BERS INDICATE ZONE OR CIRCUIT SUBSCRIPT LOWER CASE LETTERS IN QUOTES DENOTE EXCEPTIONS TO SPECIFIED STAN-DARD MOUNTING AS FOLLOWS:- "f" - flush "sf" -semiflush "s" - surface "d" - in duct SUBSCRIPT ROMAN NUMERALS DENOTE SYSTEM WHERE THERE IS MORE THAN ONE. SYMBOLS AS SHOWN REPRESENT WALL MOUNTED DEVICES --CIRCUMSCRIBED CIRCLES THUS:- DENOTE CEILING MOUNTING EXCEPT THAT FOR AUTO-MATIC FIRE DE-TECTION ACTUATING DEVICES AS SHOWN DENOTE CEILING MOUNTED DEVICES AND CIR-CUMSCRIBED CIR-CLES DENOTE MOUNTING IN RAISED FLOOR. SUBSCRIPT UPPER CASE LETTERS IN PARENTHESIS DE-NOTE DEVICE FUNCTION THUS:- (TE)-TOCCC EVACUATION (FE)-FLOOR EVACUATION
WF	SPRINKLER ALARM ACTUATING DEVICE	SUBSCRIPT UPPER CASE LETTERS DE-NOTE THE FOLLOW-ING:- a--main alarm valve waterflow detector W--WATERFLOW DE-TECTOR T--TAMPER SWITCH F--FLOAT SWITCH FR-FIRE PUMP RUN-NING ALARM RELAY CONTACTS fp-fire pump pow-er available alarm relay con-tacts P--AIR PRESSURE SWITCH DF-DRY PIPE AIR COMP. power failure DP-DRY PIPE air comp. low air comp -RT-FIRESTAT-- RATE OF RISE PLUS FIXED TEM-PERATURE TYPE -FT-FIRESTAT-- FIXED TEM-PERATURE TYPE -PM--PNEUMATIC TUBE DIA-PHRAGM SWITCH SUBSCRIPT NUM-BERS IN PAREN-THESIS AT SYM-BOLS REPRESENT-ING FIRESTATS DENOTE EXCEP-TIONS TO SPECI-FIED STANDARD TEMPERATURE SETTINGS SUBSCRIPT NUM-BERS IN PAREN-THESIS AT SYM-BOLS REPRESENT-ING PNEUMATIC TUBE DIAPHRAGM SWITCHES DENOTE LENGTH OF ASSO-CIATED TUBING
VSS	VALVE SUPERVISOR SWITCH	
SD	AUTOMATIC FIRE DETECTION ALARM ACTUATING DEVICES SMOKE DETECTOR	
DD	DUCT SMOKE DETECTOR	
D	HEAT DETECTOR	
SD T	BEAM TYPE SMOKE DETECTOR SUBSCRIPT "T" INDICATES TRANSMITTER	
SD R	SUBSCRIPT "R" INDICATES RECEIVER	
	ELECTRIC DOOR LOCK	
DTU	DATA TRANSMISSION UNIT	

SYMBOL	DESCRIPTION	NOTES
	WIRING DEVICES	
$	WIRING DEVICE TYPE SWITCH	WITHOUT SUB-SCRIPT NUMBER SYMBOL DENOTES "SINGLE POLE" SUBSCRIPT NUMBERS DE-NOTE -2 POLE--3 WAY-, -4 WAY-, ETC. SUBSCRIPT LETTERS IN PARENTHESIS THUS:- (PL) INDICATE SEPARATE PILOT LIGHT.	WITHOUT SUBSCRIPT UPPER CASE LETTERS SYMBOLS DENOTE WIRING DEVICE STANDARD AS SPECI-FIED. SUBSCRIPT UPPER CASE LETTERS DE-NOTE NON STAND-ARD TYPE REFER-ENCE TO SCHEDULE OF NON STANDARD WIRING DEVICES. SUBSCRIPT LOWER CASE LETTERS IN-DICATE SWITCH CONTROL ASSOCCIA-TIONS.
$T	SWITCH WITH THERMAL OVERLOAD PROTECTION FOR 120V FRACTIONAL HP MOTORS	
$os	WALL MOUNTED OCCUPANCY SENSOR	

SYMBOL	DESCRIPTION	NOTES
	WIRING DEVICES (CONT)	
	WALL DUPLEX CON-VENIENCE RECEPTACLE	SHADING OF SYMBOL THUS:- INDICATES RECEPTACLE WITH EACH HALF SEPAR-ATELY WIRED (HALF CON-STANT, HALF SWITCH CON-TROLLED)
	WALL DOUBLE DUPLEX (QUAD) CONV. RECEPT.	
	GFI (GROUND FAULT INTERRUPTING) WALL DUPLEX CON-VENIENCE RECEPTACLE	
	WALL SINGLE CON-VENIENCE RECEPTACLE	SUBSCRIPT LETTERS IN QUOTES DE-NOTE EXCEP-TIONS TO SPECIFIED STANDARD MOUNTING AS FOLLOWS:- "f"-IN FLUSH FLOOR FITTING "s"-IN STAN-CHION FITTING.
	FLOOR SINGLE CON-VENIENCE RECEPTACLE	
	FLOOR DUPLEX CON-VENIENCE RECEPTACLE	
	CEILING CONVENIENCE RECEPTACLE	
	WALL SPECIAL PURPOSE POWER SUPPLY RECEP-TACLE	
	FLOOR SPECIAL PUR-POSE POWER SUPPLY RECEPTACLE	
	CEILING SPECIAL PUR-POSE POWER SUPPLY RECEPTACLE	GANGING SYMBOL SHOWN IN CIRCUITRY RUN IN COMBINATION WITH ANY WIRING DEVICE SYMBOLS THUS:- DENOTES WIRING DEVICES WHICH ARE TO BE GANGED IN A SINGLE COMMON PLATE OUTLET.
D	WALL BOX DIMMER	
	WIRING DEVICE GANGING SYMBOL	
	MOTORS, PANELS, AND INDIVIDUALLY MOUNTED DEVICES AND EQUIPMENT - SECONDARY LIGHT AND POWER WIRING	
	MOTORS IN MECHANI-CAL SYSTEM EQUIP-MENT.	COMPLETE INFORMATION FOR MOTORS IS INDICATED BY APPLICATION OF TAG SYMBOL REFERENCE TO MOTOR LIST
	INDIVIDUALLY MOUNTED SECONDARY OVERCURRENT AND SWITCHING DEVICES (CIRCUIT BREAKERS, FUSIBLE SWITCHES, UNFUSED SWITCHES, ETC.) APPLIED AS SPECIFIED.	COMPLETE INFORMATION FOR DEVICES IS INDICATED BY APPLICATION OF TAG SYMBOLS --OMISSION OF TAG SYMBOLS DENOTES DEVICES WHICH ARE NOT PART OF ELECTRIC WORK-- IN THIS INSTANCE SUBSCRIPT NUMBERS ARE USED TO INDICATE SIZE OF FUSING WHERE REQUIRED (3 POLE FUSING UNLESS NOTED).
	MOTOR STARTER FOR MOTORS IN MECHANICAL SYS-TEM EQUIPMENT.	SUBSCRIPT NUM-BERS INDICATE FUSING WHERE REQUIRED (3 POLE FUSING UNLESS NOTED).	COMPLETE INFOR-MATION FOR MOTOR CONTROL ITEMS IS INDI-CATED BY THE TAG SYMBOL RE-FERENCE APPLIED TO ASSOCIATED MOTORS--WHERE RELATION OF MOTORS TO CON-TROL ITEMS IS NOT EVIDENT, MOTOR TAG SYM-BOLS ARE REPEAT-ED AT SYMBOLS REPRESENTING THESE ITEMS TO CLARIFY THESE ASSOCIATIONS.
	POWER OR DISTRIBU-TION PANEL.	ARROW OF NOTE INDICATING PANEL DESIGNATION ALSO DENOTES FRONT FACE OF PANEL.	
	LIGHTING OR APPLIANCE PANEL.		
	INDIVIDUALLY MOUNTED DRY TYPE TRANSFORMER PRIMARY VOLTAGE TO SECONDARY VOLTAGE	SUBSCRIPT NUMBERS INDICATE KVA RATING.	

SYMBOL	DESCRIPTION	NOTES
	FACILITIES FOR TELEPHONE COMPANY WIRES & INSTRUMENTS	
	OUTLET FOR TELEPHONE INSTRUMENT	SYMBOLS AS SHOWN REPRESENT MOUNTED OUTLET -- CIRCUMSCRIBED CIRCLES THUS: DENOTE FLOOR MOUNTING SUBSCRIPT LOWER CASE LETTERS IN QUOTES DENOTE EXCEPTIONS TO SPECIFIED STANDARD FLOOR MOUNTING AS FOLLOWS:- "f" - IN FLUSH FLOOR FITTING "s" - IN STANCHION FITTING SUBSCRIPT UPPER CASE LETTER DENOTES THE FOLLOWING: W--WALL MOUNTED 54" A.F.F. M--MODEM OUTLET MOUNTED 80" A.F.F C--COMBINATION (DATA/VOICE) SEE CD (COMMUNICATION DRAWINGS) SHEETS FOR ADDITIONAL INFORMATION
	OUTLET FOR DATA INSTRUMENT	
X	COMBINATION TELEPHONE/DATA OUTLET	
T	JUNCTION OR PULL BOX ASSIGNED FOR TELEPHONE COMPANY WIRING	
TEL	STRIP CABINET FOR TELEPHONE COMPANY WIRING	ADJACENT INCH DIMENSIONS INDI-CATE CABINET SIZE WITHOUT DIMENSION SYMBOL DE-NOTES STRIP CABINET BY TELE-PHONE COMPANY SUBSCRIPT LOWER CASE LETTERS IN QUOTES DENOTE EXCEPTIONS TO SPECIFIED MOUNTING AS FOLLOWS:- "f" - FLUSH "s" - SURFACE
	CIRCUITRY IDENTIFICATION		
xx	IDENTIFICATION OF INDIVIDUAL RUN	ADJACENT INCH DIMENSIONS INDIC-ATE CONDUIT SIZING	ON DRAWINGS, LET-TERS ARE SUBSTI-TUTED FOR "XX" TO DENOTE SYSTEMS IN ACCORDANCE WITH THE FOLLOWING: t -- telephone p -- primary NUMBERS SUBSTI-TUTED FOR "XX" INDICATE THAT THE INDICATED WORK IS ROUGHING FOR LIGHTING AND APPLIANCE BRANCH CIRCUITRY OPER-ATING AT THE VOLTAGE DENOTED BY THE NUMBERS
xx	INDIVIDUAL SLEEVE UP IDENTIFICATION	ADJACENT NUM-BERS IN PAREN-THESIS INDICATE QUANTITY OF SYS-TEM WIRES	
xx	INDIVIDUAL SLEEVE DOWN IDENTIFICA-TION		
xx	INDIVIDUAL SLEEVE THROUGH IDENTIF-CATION		
x x	IDENTIFICATION OF CONDUIT BANK		
xx	BANK OF SLEEVES UP IDENTIFICATION	ADJACENT NO-TATIONS THUS:- 10-3" indicate quan-tity and size	
xx	BANK OF SLEEVES DOWN IDENTIFICA-TION		
xx	BANK OF SLEEVES THROUGH IDENTIFI-CATION		
XX	JUNCTION BOX FOR OTHER THAN SECON-DARY LIGHT AND POWER WIRING		
	SOUND SYSTEMS	
S	SPEAKER - CEILING MOUNTED	AT SYMBOLS DENOTING ITEMS FOR WHICH DIFFERENT TYPES ARE SPECIFIED, TYPE REFERENCES ARE INDICATED BY SUBSCRIPT UPPER CASE LETTERS. SUBSCRIPT ROMAN NUMERALS DENOTE THE SYSTEM WHERE THERE IS MORE THAN ONE. SYMBOLS AS SHOWN REPRESENT WALL OR FLOOR MOUNTED DEVICES-- CIRCUMSCRIBED CIRCLES THUS:- DENOTE CEILING MOUNTING
	SPEAKER	
V	VOLUME CONTROL	
SS	JUNCTION OR PULL BOX FOR SOUND SYSTEM WIRING	
SS	STRIP CABINET FOR SOUND SYSTEM WIRING	
SS	CENTRAL EQUIPMENT OF SOUND SYSTEM	
SS	OUTLYING AUXILIARY EQUIPMENT OF SOUND SYSTEM	

SYMBOL	DESCRIPTION	NOTES
	TAG SYMBOLS	
	SECONDARY FEEDER TAG SYMBOL	INFORMATION IS LISTED IN THE TAG SYMBOL THUS:- FEEDER DESIGNATION NUMBER AND SIZE OF CONDUITS NUMBER AND SIZE OF CONDUCTORS REFERENCE TO AN APPLICABLE NOTE CONDUIT SIZE INDICATED ALONE DENOTES A SINGLE CONDUIT.
	SECONDARY INDIVI-DUALLY MOUNTED OVER-CURRENT AND/OR SWITCHING DEVICE TAG SYMBOL	INFORMATION IS LISTED IN THE TAG SYMBOL THUS:- "600" OR "250" INDICATES VOLT-AGE RANGE AT WHICH DEVICE IS TO OPERATE. "2", "3", "3-N", ETC, INDICATES "2" POLE "3 POLE "3 POLE PLUS NEUTRAL, "ETC. DEVICE SIZE IN AMPERES. "U" INDICATES THAT NO OVER-CURRENT PRO-TECTION IS RE-QUIRED--NUMBER INDICATES SIZE OF OVERCURRENT PROTECTION RE QUIRED. INDIVIDUALLY MOUNTED OVERCURRENT AND SWITCHING DEVICES ARE FOR SURFACE MOUNTING UNLESS THE TAG SYMBOL CARRIES AN EXTERNAL SUBSCRIPT "f" INDICATING FLUSH MOUNTING.
	INDEXING SYMBOL	HEXAGONAL SYMBOLS CONTAINING UPPER CASE LETTERS WITH OR WITHOUT ARABIC NUMERALS INDICATE REFERENCE TO A LEGEND OR INDEX OF SPECIAL EQUIPMENT. HEXAGONAL SYMBOLS CONTAINING ARABIC NUMERALS ONLY INDICATE REFERENCE TO AN EXPLANATION OF ELECTRIC WORK REQUIREMENTS.
	REFERENCE SYMBOL	TRIANGULAR SYMBOLS CONTAINING UPPER CASE LETTERS INDICATE A MOTOR LIST REFERENCE. TRIANGULAR SYMBOLS CONTAINING ROMAN NUMERALS INDICATE REFERENCE TO A DETAIL.
	GANGING CROSS REFERENCE	THE NOTED INDICATION ADJACENT TO ANY SYMBOL FOR AN OUTLET TYPE DEVICE DENOTES THAT THE DEVICE IS TO BE GANGED IN A BOX WITH ANOTHER DEVICE WHOSE SYMBOL APPEARS SIMILARLY NOTED AT THE SAME LOCA-TION ON ANOTHER DRAWING.
(3'-9")	SPECIAL MOUNTING HEIGHT INDICATIONS	DIMENSION NOTED IN PARENTHESIS ADJACENT TO ANY ITEM ON THE DRAWINGS INDICATES THE HEIGHT OF ITS HORIZONTAL CENTERLINE ABOVE FINISHED FLOOR.
(*)	MOUNTING HEIGHT REF-ERENCE TO ARCHITECT-URAL DRAWINGS	
*	APPLIANCE CIRCUIT OUTLET INDICATION	
	LINE INDICATING ASSOCIATION OF LOCAL SWITCHES WITH CON-TROLLED OUTLETS	SYMBOLS USED WHERE DELINEATION OF LIGHTING AND APPLIANCE BRANCH CIRCUITRY IS OMITTED.
	SUBSCRIPT INDICATION DENOTING OUTLET RE-QUIRED ON SEPARATE CIRCUIT OPERATING AT 20 AMPS OR LESS	
	LINE INDICATING PHYSICAL SIZE OF ELECTRICAL ITEMS	INDICATION USED CIRCUMSCRIBING OTHER SYMBOLS TO DELINEATE PHYSICAL SIZE.

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