

DRAWING ABBREVIATIONS AND SYMBOL MODIFIERS				ELECTRICAL SYMBOL LEGEND				MECHANICAL SYMBOL LEGEND			
ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
A	AMPERES OR TRIP AMPERES	MATV	MASTER ANTENNA TELEVISION		2'x4' FLUORESCENT LIGHT FIXTURE (LETTER DENOTES TYPE)		ADJACENT TO DEVICE DENOTES ABOVE COUNTER TOP, COORDINATE EXACT PLACEMENT WITH ARCHITECTS ELEVATION; IF NOT SHOWN, INSTALL 6" ABOVE COUNTER TOP		SANITARY SEWER		CLEANOUT IN FLOOR
ABV	ABOVE	MAX	MAXIMUM		2'x2' FLUORESCENT LIGHT FIXTURE (LETTER DENOTES TYPE)		GROUND		GREASE WASTE		CLEANOUT IN GRADE
A/C	AIR CONDITIONING	MBA	THOUSAND BRITISH THERMAL UNITS PER HOUR		4' OR 8' FLUORESCENT LIGHT FIXTURE		PUSHBUTTON		STORM DRAIN		WALL CLEANOUT
AF	AMPERE FRAME	MCA	MINIMUM CIRCUIT AMPS		LIGHT FIXTURE CONNECTED TO NIGHT LIGHT/EMERGENCY CIRCUIT OR EQUIPPED W/ INTEGRAL BATTERY PACK		START/STOP STATION		OVERFLOW STORM DRAIN		CLEANOUT IN WALL
AFG	ABOVE FINISHED GRADE	MCC	MOTOR CONTROLLED CENTER		4' OR 8' FLUORESCENT STRIP LIGHT FIXTURE		EMERGENCY POWER "OFF" PUSHBUTTON		DOMESTIC COLD WATER		CAP
AHU	AIR HANDLING UNIT	MECH	MECHANICAL		4' OR 8' EMERGENCY FLUORESCENT STRIP LIGHT FIXTURE		CEILING FAN (LETTER DENOTES TYPE)		DOMESTIC HOT WATER		DOMESTIC HOT WATER RECIRC
AIC	AMPERE INTERRUPTING CAPACITY	MFR	MANUFACTURER		4' OR 8' LIGHT FIXTURE CONNECTED TO NIGHT LIGHT/EMERGENCY CIRCUIT OR EQUIPPED W/ INTEGRAL BATTERY PACK		CEILING FAN WITH LIGHT KIT (LETTER DENOTES TYPE)		AIR LINE		FIRE LINE
ALT	ALTERNATE	MH	MINIMUM		WALL MOUNTED LIGHT FIXTURE		FIRE ALARM PULL STATION, 48" AFF TO CENTERLINE		GAS LINE		REFRIGERANT LIQUID LINE
ARCH	ARCHITECT	MIS	MISCELLANEOUS		CEILING MOUNTED LIGHT FIXTURE--(LETTER DENOTES TYPE)		FIRE ALARM VISUAL STATION, 80" AFF OR 6" BELOW CEILING WHICHEVER IS LOWER		REFRIGERANT SUCTION LINE		REFRIGERANT DISCHARGE LINE
AT	AMPERE TRIP	MLO	MAIN LUGS ONLY		WALL WASHER		FIRE ALARM AUDIO/VISUAL STATION, 80" AFF OR 6" BELOW CEILING WHICHEVER IS LOWER		CHILLED WATER SUPPLY		CHILLED WATER RETURN
ATS	AUTOMATIC TRANSFER SWITCH	MOC	MAXIMUM OVER CURRENT PROTECTION		EGRESS LIGHT FIXTURE W/ BATTERY PACK		FIRE ALARM SMOKE DETECTOR		HEATING WATER SUPPLY		HEATING WATER RETURN
AUTO	AUTOMATIC	MOC	MAXIMUM OVER CURRENT PROTECTION		EXIT LIGHT FIXTURE, CEILING MOUNTED, WITH ARROW		FIRE ALARM SINGLE STATION SMOKE DETECTOR WITH INTEGRAL HORN		CONDENSER WATER SUPPLY		CONDENSER WATER RETURN
AUX	AUXILIARY	MNT	MOUNTED		EXIT LIGHT FIXTURE, WALL MOUNTED (SHADED PORTION INDICATES LIGHTED FACE)		FIRE ALARM DUCT SMOKE DETECTOR		DIRECTION OF FLOW		EQUIPMENT OR FIXTURE DRAIN LINE
AWG	AMERICAN WIRE GAUGE	MNT	MOUNTING		EXIT LIGHT FIXTURE, WALL MOUNTED (SHADED PORTION INDICATES LIGHTED FACE)		HEAT DETECTOR		VACUUM		OXYGEN
BLDG	BUILDING	MTS	MANUAL TRANSFER SWITCH		DIMMER SWITCH, 48" AFF TO CENTERLINE-UON		CARBON MONOXIDE DETECTOR		NITROUS OXIDE		NITROGEN
BOD	BOTTOM OF DUCT	N	NEUTRAL		JAMB SWITCH, 48" AFF TO CENTERLINE-UON		FIRE SPRINKLER FLOW SWITCH		MEDICAL AIR		COMPRESSED AIR
BOP	BOTTOM OF PIPE	NA	NOT APPLICABLE		KEY OPERATED SWITCH, 48" AFF TO CENTERLINE-UON		FIRE ALARM CONTROL PANEL		UNDERFLOOR		PUMPED WASTE OR STORM LINE
BRN	BRANCH TO CONNECTION	NC	NORMALLY CLOSED		MANUAL MOTOR STARTER SWITCH, 48" AFF TO CENTERLINE-UON		FIRE ALARM REMOTE ANNUNCIATION		ACID WASTE		ACID VENT
BTC	BRITISH THERMAL UNIT PER HOUR	NEC	NATIONAL ELECTRIC CODE		SWITCH AND PILOT LIGHT, 48" AFF TO CENTERLINE-UON		PHOTOCELL		EXISTING PIPING TO REMAIN		EXISTING PIPING TO BE REMOVED
BTUH	BRITISH THERMAL UNIT PER HOUR	NFCS	NON-FUSED DISCONNECT SWITCH		VOLUME CONTROL SWITCH, 48" AFF TO CENTERLINE-UON		INTRUSION ALARM		POINT OF CONNECTION TO EXISTING		O.S.A.Y. VALVE
C	CONDUIT	NIC	NOT IN CONTRACT		SIMPLEX RECEPTACLE, +16" AFF TO CENTERLINE-UON		WALL OCCUPANCY SENSOR		TEST PLUG		BALL VALVE
CB	CIRCUIT BREAKER	NO	NORMALLY OPEN, NITROUS OXIDE		CLOCK HANGER RECEPTACLE		CEILING OCCUPANCY SENSOR		PLUG VALVE (BALANCE COCK)		SOLENOID VALVE
CCTV	CLOSED CIRCUIT TELEVISION	NTS	NOT TO SCALE		DUPLEX RECEPTACLE, +16" AFF TO CENTERLINE-UON		SECURITY CONTROL PANEL		CHECK VALVE		GATE VALVE
CFM	CUBIC FEET PER MINUTE	O/A	OUTSIDE AIR		DUPLEX RECEPTACLE, (ABOVE COUNTER)		CLOSED CIRCUIT TV CAMERA		BUTTERFLY VALVE		MOTORIZED BUTTERFLY VALVE
CKT	CIRCUIT	OBD	OPPOSED BLADE DAMPER		QUADPLEX RECEPTACLE, +16" AFF TO CENTERLINE-UON		CLOSED CIRCUIT TV CAMERA WITH OUTDOOR HOUSING AND TILT, PAN ZOOM LENS		THERMOMETER		EXISTING DUCTWORK TO REMAIN
C	CENTER	OC	ON CENTER		ISOLATED GROUND RECEPTACLE, +16" AFF TO CENTERLINE-UON		KEY PAD		EXISTING DUCTWORK TO BE REMOVED		NEW DUCTWORK
CLG	CEILING	OD	OUTSIDE DIAMETER		HOSPITAL GRADE DUPLEX RECEPTACLE, +16" AFF TO CENTERLINE-UON		ELECTRIC STRIKE		S/A GRILLE OR REGISTER		R/A / EXH. GRILLE OR REGISTER
COL	COLUMN	OFD	OWNER FURNISHED, CONTRACTOR INSTALLED		HOSPITAL GRADE DUPLEX RECEPTACLE ON EMERGENCY POWER (RED DEVICE AND COVER PLATE WITH CIRCUIT NUMBER ENGRAVED ON FACE) ON CRITICAL BRANCH.		CARD READER		VOLUME DAMPER		FIRE DAMPER
COMP	COMPRESSOR	OFD	OWNER FURNISHED, OWNER INSTALLED		SPECIAL PURPOSE RECEPTACLE		TELEPHONE OUTLET, 16" AFF TO CENTERLINE		FIRE / SMOKE DAMPER		MOTORIZED DAMPER
COND	CONDENSER	OH	OVERHEAD		TWIST LOCK RECEPTACLE		TELEPHONE OUTLET ABOVE COUNTER		THERMOSTAT		HUMIDISTAT
CPT	CONTROL POWER TRANSFORMER	OH	OVERHEAD PRIMARY		FLOOR RECEPTACLE (FLUSH-UON)		PAY TELEPHONE OUTLET, 36" AFF TO CENTERLINE		REMOTE SENSOR		DIFFUSER/REGISTER/GRILL DESIGNATION
CT	CURRENT TRANSFORMER	OHS	OVERHEAD SECONDARY		FLOOR RECEPTACLE (FLUSH-UON)		DATA OUTLET, 16" AFF TO CENTERLINE				
CU	COPPER	OHE/T	OVERHEAD ELECTRIC/TELEPHONE		RECESSED BRANCH CIRCUIT PANELBOARD (SINGLE SECTION)		FLOOR TELEPHONE OUTLET (FLUSH-UON)				
DBT	DRY BULB TEMPERATURE	OPP	OPPOSITE		BRANCH CIRCUIT PANELBOARD (SINGLE SECTION)		FLOOR DATA OUTLET (FLUSH-UON)				
DCO	DUPLEX CONVENIENCE OUTLET	P	PRIMARY OR POLES		RECESSED BRANCH CIRCUIT PANELBOARD (SINGLE SECTION)		COMBINATION TELEPHONE/DATA OUTLET, 16" AFF TO CENTERLINE				
DEG	DEGREES	PA	PUBLIC ADDRESS		TRANSFORMER (SHOWN TO SCALE ON PLAN)		FLOOR DATA/TELEPHONE OUTLET (FLUSH-UON)				
DFA	DOWN FROM ABOVE	PB	PULL BOX		CONDUIT STUBBED UP AND CAPPED		CEILING SPEAKER ("LS" DENOTES LIFE SAFETY)				
DIA	DIAMETER	PE	PHOTO ELECTRIC		CONDUIT STUBBED UP AND CAPPED		CEILING SPEAKER WITH VOLUME CONTROL ("LS" DENOTES LIFE SAFETY)				
DN	DOWN	PF	POWER FACTOR		CONDUIT STUBBED UP AND CAPPED		WALL SPEAKER ("LS" DENOTES LIFE SAFETY)				
DPDT	DISTRIBUTION PANEL	PH	PHASE		CONDUIT STUBBED UP AND CAPPED		MICROPHONE FLOOR OUTLET				
DPST	DOUBLE POLE DOUBLE THROW	PNL	PANEL BOARD		CONDUIT STUBBED UP AND CAPPED		MICROPHONE OUTLET - WALL MOUNTED				
DTL	DETAIL	PLBG	PLUMBING		CONDUIT STUBBED UP AND CAPPED		TELEPHONE TERMINAL CABINET WITH PLYWOOD BACKBOARD				
DWG	DRAWING	PSI	POUND PER SQUARE INCH		CONDUIT STUBBED UP AND CAPPED		TELEPHONE TERMINAL BOARD - 4'x8'x3/4" PLYWOOD-UON				
DX	DIRECT EXPANSION	PT	POTENTIAL TRANSFORMER		CONDUIT STUBBED UP AND CAPPED		INTERCOM STATION				
E/A	EXHAUST AIR	PV	POLYVINYL CHLORIDE		CONDUIT STUBBED UP AND CAPPED		INTERCOM MASTER STATION				
EA	EXISTING	PWR	POWER		CONDUIT STUBBED UP AND CAPPED		NURSE CALL				
EAST	EXISTING	Q	QUARTZ RESTRIKE		CONDUIT STUBBED UP AND CAPPED		NURSE CALL MASTER STATION				
EAT	ENTERING AIR TEMPERATURE	QTY	QUANTITY		CONDUIT STUBBED UP AND CAPPED		NURSE CALL STAFF				
EFF	EFFICIENCY	R	RELOCATE AS SHOWN		CONDUIT STUBBED UP AND CAPPED		NURSE CALL BED				
ERR	ENERGY EFFICIENCY RATING	R/A	RELOCATE AS SHOWN		CONDUIT STUBBED UP AND CAPPED		NURSE CALL CORD				
EJ	EXPANSION JOINT	R/RECEPT	RELOCATE AS SHOWN		CONDUIT STUBBED UP AND CAPPED		NURSE CALL DOME LIGHT				
ELEC	ELECTRICAL	RE	RELOCATE AS SHOWN		CONDUIT STUBBED UP AND CAPPED		CODE BLUE BUTTON				
ELEV	ELEVATOR	RECIRC	RELOCATE AS SHOWN		CONDUIT STUBBED UP AND CAPPED		ELECTRIC METER AND METER SOCKET				
EMCS	ENERGY MONITORING AND CONTROL SYSTEM	RECIRC	RELOCATE AS SHOWN		CONDUIT STUBBED UP AND CAPPED						
EMERG	EMERGENCY	REF	REFER TO		CONDUIT STUBBED UP AND CAPPED						
EMT	ELECTRIC METALLIC CONDUIT	REF	REFER TO		CONDUIT STUBBED UP AND CAPPED						
EQ	EQUIPMENT	RF	RADIO FREQUENCY		CONDUIT STUBBED UP AND CAPPED						
ESP	EXTERNAL STATIC SYSTEM	RFG	RIGID GALVANIZED STEEL CONDUIT		CONDUIT STUBBED UP AND CAPPED						
EW	ELECTRIC WATER COOLER	RH	RELATIVE HUMIDITY		CONDUIT STUBBED UP AND CAPPED						
EW	ELECTRIC WATER HEATER	RD	ROOF DRAIN		CONDUIT STUBBED UP AND CAPPED						
EW	ENTERING WATER TEMPERATURE	RLA	RATED LOAD AMPS		CONDUIT STUBBED UP AND CAPPED						
EXH	EXHAUST	RPM	REVOLUTION PER MINUTE		CONDUIT STUBBED UP AND CAPPED						
F	FAHRENHEIT	RTU	ROOF TOP UNIT		CONDUIT STUBBED UP AND CAPPED						
FA	FIRE ALARM	SA	SUPPLY AIR		CONDUIT STUBBED UP AND CAPPED						
FACP	FIRE ALARM CONTROL PANEL	SCO	SINGLE CONVENIENCE OUTLET		CONDUIT STUBBED UP AND CAPPED						
FCO	FLOOR CLEAN OUT	SD	SMOKE DAMPER, STORM DRAIN, SHOWER DRAIN		CONDUIT STUBBED UP AND CAPPED						
FCU	FAN COIL UNIT	SEC	SECONDARY		CONDUIT STUBBED UP AND CAPPED						
FD	FLOOR DRAIN	SEER	SEASONAL ENERGY EFFICIENCY RATING		CONDUIT STUBBED UP AND CAPPED						
FDS	FUSED DISCONNECT SWITCH	SF	SQUARE FOOT		CONDUIT STUBBED UP AND CAPPED						
FF	FINISH FLOOR	SIM	SIMILAR		CONDUIT STUBBED UP AND CAPPED						
FG	FINISH GRADE	SP	STATIC PRESSURE		CONDUIT STUBBED UP AND CAPPED						
FHC	FIRE HOSE CABINET	SPECS	SPECIFICATIONS		CONDUIT STUBBED UP AND CAPPED						
FLA	FULL LOAD AMPS	SPDT	SINGLE POLE DOUBLE THROW		CONDUIT STUBBED UP AND CAPPED						
FLUOR	FLUORESCENT	SPST	SINGLE POLE SINGLE THROW		CONDUIT STUBBED UP AND CAPPED						
FFM	FEET PER MINUTE	SQ	SQUARE		CONDUIT STUBBED UP AND CAPPED						
FT	FEET/FOOT (')	SR	SPECIAL RECEPTACLE		CONDUIT STUBBED UP AND CAPPED						
FWNR	FULL VOLTAGE NON-REVERSING	S/S	STAINLESS STEEL		CONDUIT STUBBED UP AND CAPPED						
GA	GAUGE	SWB	SWITCH BOARD		CONDUIT STUBBED UP AND CAPPED						
GALV	GALVANIZED	SYM	SYMMETRICAL		CONDUIT STUBBED UP AND CAPPED						
GCO	GRADE CLEAN OUT	TC	TIME CLOCK		CONDUIT STUBBED UP AND CAPPED						
GN	GENERATOR	TEL	TELEPHONE		CONDUIT STUBBED UP AND CAPPED						
GFI	GROUND FAULT INTERRUPTER	TEMP	TEMPERATURE		CONDUIT STUBBED UP AND CAPPED						
GPM	GALLONS PER MINUTE	TOP	TOP OF DUCT		CONDUIT STUBBED UP AND CAPPED						
HO	HOSE BIB	TOP	TOP OF PIPE		CONDUIT STUBBED UP AND CAPPED						
HOA	HAND-OFF-AUTOMATIC	TOS	TOP OF SLAB		CONDUIT STUBBED UP AND CAPPED						
HP	HORSEPOWER	TP	TAMPERPROOF		CONDUIT STUBBED UP AND CAPPED						
HPS	HIGH PRESSURE SODIUM	TSP	TOTAL STATIC PRESSURE		CONDUIT STUBBED UP AND CAPPED						
HR	HOUR	TSTAT	THERMOSTAT		CONDUIT STUBBED UP AND CAPPED						
HT	HEIGHT	TB	TELEPHONE TERMINAL BOARD		CONDUIT STUBBED UP AND CAPPED						
HTR	HEATER	TC	TELEPHONE TERMINAL CABINET		CONDUIT STUBBED UP AND CAPPED						
HV	HIGH VOLTAGE (ABOVE 600 VOLTS)	TV	TELEVISION		CONDUIT STUBBED UP AND CAPPED						
HVAC	HEATING VENTILATION AND AIR CONDITIONING	TYP	TYPICAL		CONDUIT STUBBED UP AND CAPPED						
HZ	HERTZ--FREQUENCY IN CYCLE PER SECOND	UH	UNIT HEATER		CONDUIT STUBBED UP AND CAPPED						
ID	INSIDE DIAMETER	UG	UNDERGROUND		CONDUIT STUBBED UP AND CAPPED						
IN	INCH/INCHES (")	UGP	UNDERGROUND PRIMARY		CONDUIT STUBBED UP AND CAPPED						
INCAD	INCANDESCENT	UGS	UNDERGROUND SECONDARY		CONDUIT STUBBED UP AND CAPPED						
JB	JUNCTION BOX	UGT	UNDERGROUND TELEPHONE		CONDUIT STUBBED						