

SYMBOL	DESCRIPTION	NOTES
<b>LIGHTING FIXTURES</b>		
FP	WALL OR CEILING MOUNTED LIGHTING FIXTURE	UPPER CASE LETTERS INDICATE FIXTURE TYPE. REFER TO FIXTURE SCHEDULE FOR MANUFACTURER SUBSCRIPT LOWER CASE LETTERS INDICATE SWITCH CONTROL ASSOCIATIONS
FP	FR	SHADING OF FIXTURES THUS: FR
FP	FR	INDICATES FIXTURE ON NIGHT/EMERGENCY CIRCUIT OR EMERGENCY BATTERY BACK UP BALLAST WHERE APPLICABLE. CONTRACTOR SHALL CONFIRM LOCATION OF REMOTE EMERGENCY BALLAST WITH ARCHITECT PRIOR TO PURCHASE AND INSTALLATION.
FP	FR	EMERGENCY BALLAST SHALL BE SIMILAR TO BOONE B305T OR B30 WITH INTEGRAL INDICATOR LIGHT TEST SWITCH. PROVIDE 2 LAMP APPLICATION WHERE APPLICABLE.
FP	FR	CONTRACTOR SHALL PROVIDE ALL MOUNTING HARDWARE APPLICABLE TO CEILING, WALL, AND FLOOR TYPE INTO WHICH FIXTURE IS INSTALLED.
FP	FR	CONTRACTOR SHALL COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL INTERIOR/EXTERIOR ELEVATIONS.
FP	FR	CONTRACTOR SHALL COORDINATE AND CONFIRM FINISH RATINGS OF LAMPS TO ACHIEVE COLOR AS PER ARCHITECT.
FP	FR	CONTRACTOR SHALL FURNISH AND SUPPLY ANY STEP DOWN TRANSFORMERS FOR ANY LOW VOLTAGE LIGHTING.
<b>WIRING DEVICES--SWITCHES</b>		
S WP	SINGLE POLE SWITCH	20A 120-277V AC "WP" - INDICATES WEATHER PROOF
SP	SINGLE POLE SWITCH WITH PILOT LIGHT	SUBSCRIPT UPPER CASE LETTERS DENOTE SWITCH TYPE AS LISTED IN NON-STANDARD SWITCHES
S2	DOUBLE POLE SWITCH	UNLESS NOTED OTHERWISE SWITCHES SHALL BE MOUNTED 48" TO CENTER LINE AFF
S3	THREE-WAY SWITCH	
S4	FOUR-WAY SWITCH	
ST	SPRING WOUND INTERVAL TIME SWITCH	TORK OR EQUAL 30 MINUTE MAX
D	LINEAR SLIDE BAR DIMMER SWITCH	1500W-120 VOLT RATING UNLESS NOTED OTHERWISE
D3	LINEAR SLIDE BAR THREE WAY DIMMER SWITCH	1500W-120 VOLT RATING UNLESS NOTED OTHERWISE
CS	WALL MOUNTED OCCUPANCY SENSOR	WATT STOPPER OR EQUAL. SUBSCRIPT LOWER CASE LETTERS INDICATE SWITCH CONTROL ASSOCIATIONS
CS	CEILING MOUNTED OCCUPANCY SENSOR	WATT STOPPER OR EQUAL. SUBSCRIPT LOWER CASE LETTERS INDICATE SWITCH CONTROL ASSOCIATIONS
H	WALL MOUNTED EMERGENCY POWER OFF BUTTON	
<b>LIGHTING CONTROL SYSTEM</b>		
TC	7 DAY ASTRONOMICAL TIME CLOCK	TORK OR EQUAL
PC	WALL MOUNTED PHOTOCELL	
LC	LIGHTING CONTACTOR	
KS	KEY SWITCH LINE VOLTAGE	
MS	MASTER CONTROL SWITCH	
<b>BRANCH CIRCUITRY</b>		
	LIGHTING AND APPLIANCE BRANCH CIRCUITRY CONCEALED ABOVE	ARROW HEAD INDICATES HOME RUN CIRCUITRY TO 20A-1P CIRCUIT BREAKER (UNLESS NOTED OTHERWISE) NUMBER OF ARROW HEADS INDICATE NUMBER OF BRANCH POLES REQUIRED IN PANEL.
	LIGHTING AND APPLIANCE BRANCH CIRCUITRY CONCEALED BELOW	CROSS MARKS INDICATE NUMBER OR NO. 12 WIRES IN 3/4" CONDUIT PLUS GROUND. ABSENCE OF CROSSMARKS INDICATES 2#12, 1#12 GROUND.
	LIGHTING AND APPLIANCE BRANCH RUN EXPOSED	HOME RUNS ARE INDICATED THUS: L12 - 1, 3, 5
	INDIVIDUAL RUN TURNING UP	"L12" DENOTES PANEL DESIGNATION. "1,3,5" DENOTES CIRCUIT NO'S 1,3,5 CONTAINING 20A, 1P, 12'S IN PANELBOARD.
	INDIVIDUAL RUN TURNING DOWN	CONDUIT RUNS REQUIRING CIRCUIT BREAKER GREATER THAN 20A-1P WIRE SIZE GREATER THAN NO. 12 AND CONDUIT SIZE GREATER THAN 3/4" ARE NOTED THUS: L12-1, 3, 5 4 #4, 1 #6 GROUND 1-1/4" CONDUIT
	INDIVIDUAL RUN TURNING UP/DOWN	
<b>SECONDARY FEEDERS</b>		
	FEEDER RUN CONCEALED ABOVE	ARROW HEAD INDICATES HOME RUN TO PANEL BOARD
	FEEDER RUN CONCEALED BELOW	FEEDER SIZING SHOWN ON POWER RISER DIAGRAM
	FEEDER RUN AS PER SPECIFIC NOTATION	

SYMBOL	DESCRIPTION	NOTES
<b>WIRING DEVICES - RECEPTACLES</b>		
1	WALL DUPLEX CONVENIENCE OUTLET MTD 18" AFF	20A/125V, 2P, 3W, GNDG., NEMA 5-20R SHADING OF SYMBOL THUS:
1	CEILING MOUNTED DUPLEX CONVENIENCE OUTLET	INDICATES RECEPTACLE WITH EACH HALF SEPARATELY WIRED. (ONLY CONSTANT HALF SWITCH CONTROLLED)
1	ISOLATED GROUND DUPLEX CONVENIENCE OUTLET	"I" - INDICATES CIRCUIT NUMBER SUBSCRIPT LOWER CASE LETTERS INDICATE SWITCH CONTROL ASSOCIATIONS SHADING OF SYMBOL THUS:
1	WALL DOUBLE DUPLEX CONVENIENCE OUTLET	INDICATES RECEPTACLE MTD 6" ABOVE COUNTER TO CENTER LINE OR 48" AFF UNLESS NOTED OTHERWISE
H	HOSPITAL GRADE DUPLEX CONVENIENCE OUTLET	"WP" - INDICATES WEATHER PROOF
1	WALL MTD SINGLE CONVENIENCE OUTLET	"OFF" DENOTES GROUND FAULT INTERRUPTING TYPE RECEPTACLE ALL POWER OUTLET FACILITIES SHALL BE LABELED WITH CIRCUIT NUMBER AND PANEL DESIGNATION FEEDING OUTLET
<b>JUNCTION BOXES</b>		
J	CEILING MOUNTED JUNCTION BOX	
J	WALL MOUNTED JUNCTION BOX	
J	SURFACE MOUNTED JUNCTION BOX	
J	FLUSH FLOOR MOUNTED JUNCTION BOX	
PB	PULL BOX	
J	JUNCTION BOX WITH FLEXIBLE CONNECTION TO EQUIPMENT	P - DENOTES POWER FEED C - DENOTES COMMUNICATIONS FEED
<b>MOTORS AND CONTROLS</b>		
M	MOTOR	COMPLETE INFO. FOR MOTOR IS INDICATED BY APPLICATION OF INDEXING SYMBOLS. REFERENCE TO SCHEDULE OF MECHANICAL EQUIPMENT.
M	MAGNETIC MOTOR STARTER COMPLETE W/ THERMAL OVERLOAD PROTECTION	SUBSCRIPT INDICATES NEMA SIZE. COMPLETE INFORMATION FOR CONTROL ITEMS IS INDICATED BY THE APPLICATION OF INDEXING SYMBOL. REFERENCE APPLIED TO ASSOCIATED EQUIP.
M	MANUAL MOTOR STARTER (THERMAL OVERLOAD SWITCH)	REFER TO HVAC SCHEDULE FOR MOTOR LOAD HORSEPOWER SIZE
M	VARIABLE FREQUENCY DRIVE	REFER TO HVAC SCHEDULE FOR MOTOR LOAD HORSEPOWER SIZE
CP	CONTROL PANEL (MECHANICAL EQUIP)	FURNISHED AND INSTALLED BY OTHERS. WIRED BY THE ELECTRICAL CONTRACTOR
<b>DISTRIBUTION EQUIPMENT</b>		
	SURFACE MOUNTED PANEL	
	FLUSH MOUNTED PANEL	
	SURGE SUPPRESSION	PROVIDE PER SPECIFICATIONS
T	TRANSFORMER	SEE ELECTRICAL PLANS FOR KVA RATING
	GROUNDING PER SPECIFICATION	
M	METER SOCKET AND METER	METER SOCKET PROVIDED BY CONTRACTOR PROVIDED BY LOCAL UTILITY CO.
	OVERCURRENT AND/OR SWITCHING DEVICE	COMPLETE INFORMATION FOR DEVICES IS INDICATED BY APPLICATION OF TAG SYMBOLS
	"WP" - INDICATES WEATHER PROOF	
	30	INDICATES UNFUSED SWITCH 30 - FRAME SIZE
	15	INDICATES FUSED SWITCH 15 - FUSE SIZE
	30	INDICATES ENCLOSED EQUIPMENT
	15	INDICATES COMBINATION FUSED SWITCH AND STARTER 30 - FRAME SIZE 15 - FUSE SIZE
		INDICATES COMBINATION ENCLOSED CIRCUIT BREAKER AND STARTER
		INDICATES BY OTHERS
<b>EXISTING ELECTRICAL EQUIPMENT</b>		
ETR	EXISTING TO REMAIN	ALL EXISTING TO REMAIN LIGHTING SHALL BE CLEANED AND RELAMPED
X	EXISTING EQUIPMENT TO BE REMOVED	CONTRACTOR SHALL VERIFY THAT ALL EXISTING TO REMAIN ELECTRICAL DEVICES ARE OPERATIONAL & FUNCTIONAL. IF ETR DEVICES ARE NOT OPERATIONAL, IT SHALL BE REPLACED WITH A NEW DEVICE OF THAT TYPE. REPLACED DEVICES SHALL MATCH EXISTING
XR	EXISTING EQUIPMENT TO BE REMOVED AND RELOCATED	CONTRACTOR SHALL EXTEND AND RELOCATE EXISTING EQUIPMENT TO NEW LOCATION OF RELOCATED EQUIPMENT. CONTRACTOR SHALL RELOCATE EXISTING WIRING BACK TO SOURCE IF NECESSARY IF EXISTING WIRING DOES NOT REACH RELOCATED EQUIPMENT. CONTRACTOR SHALL EVALUATE CONDITION OF EXISTING WIRING AND REPLACE IF NECESSARY.
RR	REMOVE EXISTING DEVICE AND REINSTALL NEW DEVICE IN SAME LOCATION	

GENERAL NOTES	
1.	ALL CONDUITS AND EQUIPMENT SHALL BE INSTALLED AND GROUND IN ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE APPLICABLE LOCAL AND NATIONAL CODES.
2.	CONDUIT RUNS ARE SHOWN DIAGMATICALLY ONLY AND SHALL BE INSTALLED IN A MANNER TO PREVENT CONFLICTS WITH EQUIPMENT AND STRUCTURAL CONDITIONS. EXPOSED CONDUITS SHALL BE INSTALLED PARALLEL TO BEAMS AND WALLS. EMPTY CONDUITS SHALL HAVE NYLON PULL LINE TO MOTORS AND OTHER EQUIPMENT.
3.	CONDUITS SHALL BE TERMINATED SO AS TO PERMIT NEAT CONNECTIONS TO MOTORS AND OTHER EQUIPMENT.
4.	NO CONDUIT SMALLER THAN 3/4", NOR WIRE SIZE SMALLER THAN NO. 12 A.W.G. FOR POWER SHALL BE USED UNLESS OTHERWISE NOTED.
5.	THE WIRING DIAGRAMS, QUANTITY AND SIZE OF THE WIRES AND CONDUIT REPRESENT A SUGGESTED ARRANGEMENT BASED UPON SELECTED STANDARD COMPONENTS OF ELECTRICAL EQUIPMENT. MODIFICATIONS ACCEPTABLE TO THE CONSTRUCTION MANAGER MAY BE MADE BY THE CONTRACTOR TO ACCOMMODATE EQUIPMENT ACTUALLY PURCHASED. THE BASIC SEQUENCE AND METHOD OF CONTROL MUST BE MAINTAINED AS INDICATED ON THE DRAWINGS AND/OR SPECIFICATIONS.
6.	SWITCHES SHALL BE MOUNTED 4'-0" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED. RECEPTACLES SHALL BE MOUNTED 18" AFF
7.	ALL SURFACE MOUNTED PANELS AND PANELBOARDS ON THE INSIDE OF EXTERIOR WALLS ABOVE GRADE OR IN OTHER LOCATIONS CONSIDERED AS DAMP, SHALL BE MOUNTED SO AS TO MAINTAIN A 1/4" AIR SPACE BETWEEN THE ENCLOSURE AND THE WALL.
8.	ALL PANELBOARDS SHALL BE MOUNTED SO THAT THE DISTANCE FROM THE TOP CIRCUIT BREAKER OPERATING HANDLE TO THE FLOOR SHALL NOT EXCEED 6'-0"
9.	LIGHTING FIXTURES SHALL BE MOUNTED ACCORDING TO THE MOUNTING HEIGHT GIVEN ON THE DRAWINGS, WITH THE DISTANCE BEING MEASURED FROM THE BOTTOM OF THE LIGHTING FIXTURE TO THE CENTER OF THE LIGHT.
10.	FOR LOCATION OF HVAC, PLUMBING, FIRE PROTECTION, AND MISCELLANEOUS EQUIPMENT SEE RESPECTIVE TRADE DRAWINGS.
11.	ALL CONDUIT RUNS CROSSING EXPANSION JOINTS SHALL HAVE EXPANSION OR DEFLECTION AND DEFLECTION TYPE FITTINGS AS REQUIRED FOR EXACT LOCATIONS OF EXPANSION JOINTS SEE STRUCTURAL DRAWINGS.
12.	ALL MOTOR STARTER CONTROL TRANSFORMERS SHALL BE SIZED TO PROVIDE SUFFICIENT VOLT-AMPERE CAPACITY FOR OPERATING ALL ELECTRICAL DEVICES ASSOCIATED WITH CONTROL OF THE MOTOR. IN ADDITION TO THE STARTER COIL, IT SHALL INCLUDE RELAYS, TIMERS, MOTOR HEATERS, INDICATING LIGHTS, ETC.
13.	CONDUIT AND WIRE (NOT SHOWN) FOR FIXTURES, SWITCHES AND/OR RECEPTACLES SHALL BE RUN AND INSTALLED BY THE ELECTRICAL CONTRACTOR AND SHALL BE: a. 3/4" (MIN) CONDUIT RUN b. NO. 12 (MIN) OR WIRE (MIN) TYPE "THINW/THIN" NO. OF WIRES AS REQUIRED.
14.	FOR EQUIPMENT PAD CONSTRUCTION DETAILS SEE STRUCTURAL DRAWINGS.
15.	ALL 120V BRANCH CIRCUITS GREATER THAN 100 LINEAR FEET SHALL BE #10AWG MIN.
16.	THE ELECTRICAL CONTRACTOR SHALL PROVIDE LAYOUTS FOR ALL ELECTRICAL ROOMS BASED ON ACTUAL EQUIPMENT OF MANUFACTURER SELECTED, SUBMIT FOR REVIEW PRIOR TO INSTALLATION.
17.	PROVIDE ELECTRICAL OUTLET PLATE GASKET SEALS AT RECEPTACLES, SWITCHES AND OTHER ELECTRICAL BOXES ON EXTERIOR WALLS AND ON INTERIOR WALLS BETWEEN CONDITIONED AND NON-CONDITIONED AREAS.
18.	THE ELECTRICAL CONTRACTOR SHALL SUBMIT A PLAN FOR APPROVAL SHOWING ALL ELECTRICAL TELEPHONE, SECURITY, FIRE ALARM, COMMUNICATION AND OTHER SYSTEMS CONDUITS IN SLAB AND ABOVE CEILING ETC. COORDINATE WITH OTHER TRADES AND BUILDING'S STRUCTURE TO AVOID ANY CONFLICT.
19.	ALL TERMINATION LUGS SHALL BE SIZED ACCORDINGLY TO ACCOMMODATE INDICATED CONDUCTORS.
20.	THE ELECTRICAL CONTRACTOR SHALL SUBMIT PLANS FOR APPROVAL SHOWING ALL COMMUNICATIONS EQUIPMENT AND DEVICES THROUGHOUT THE BUILDING. THE ELECTRICAL CONTRACTOR SHALL ALSO LABEL AND IDENTIFY ALL CONDUITS THAT SERVE DIFFERENT SYSTEMS.
21.	REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS FOR EXACT LOCATIONS OF ALL LIGHT FIXTURES.
22.	COORDINATE LOCATIONS OF ALL LIGHT FIXTURES IN MECHANICAL AND ELECTRICAL ROOMS WITH LAYOUT OF EQUIPMENT, PIPING AND DUCTWORK.
23.	ALL EXIT SIGNS SHALL BE UNSWITCHED.
24.	ALL SWITCHED LIGHT FIXTURES CIRCUITS TO A NORMAL/EMERGENCY CIRCUIT ARE TO BE WIRED WITH AN EMERGENCY BY-PASS RELAY.
25.	ALL 20 AMPERE SINGLE POLE CIRCUITS SHALL BE PROVIDED WITH A SEPARATE FULL SIZE NEUTRAL CONDUCTOR.
26.	CONFIRM EXACT POWER REQUIREMENTS AND CONNECTION LOCATIONS FOR ALL EQUIPMENT WITH THE PLUMBING, FIRE PROTECTION, HVAC AND GENERAL CONTRACTOR
27.	PROVIDE AN ISO KIT FOR ALL MECH EQUIPMENT (RATED LESS THAN 1/2HP (75W))
28.	CERTAIN SYMBOLS IN THE SYMBOL LIST DO NOT APPEAR ELSEWHERE IN THE DRAWINGS. SUCH SYMBOLS ARE INCLUDED TO PERMIT INTERPRETATIONS TO BE MADE IN THE EVENT OF DESIGN CHANGES.
29.	ELECTRICAL CONTRACTOR SHALL MAINTAIN RATING OF ANY CEILING, WALL, FLOOR OR ANY BUILDING STRUCTURE THAT ANY ELECTRICAL SYSTEM PENETRATES. SEE ARCHITECTURAL PLAN FOR RATINGS.

BRANCH CIRCUITS SCHEDULE	
<b>120 OR 277 VOLT 1Ø, 2W. CIRCUITS</b>	
CIRCUIT BREAKER	CONDUCTOR
30A-1P	2#10+1#10 GND - 3/4"
40A-1P	2#8+1#10 GND - 3/4"
50A-1P	2#6+1#10 GND - 3/4"
60A-1P	2#6+1#10 GND - 3/4"
<b>208 VOLT 1Ø, 2W. CIRCUITS</b>	
CIRCUIT BREAKER	CONDUCTOR
20A-2P	2#12+1#12 GND - 3/4"
30A-2P	2#10+1#10 GND - 3/4"
40A-2P	2#8+1#10 GND - 3/4"
50A-2P	2#6+1#10 GND - 3/4"
60A-2P	2#6+1#10 GND - 3/4"
<b>208/120 VOLT, 1Ø, 3W CIRCUITS</b>	
CIRCUIT BREAKER	CONDUCTOR
20A-2P	3#12+1#12 GND - 3/4"
30A-2P	3#10+1#10 GND - 3/4"
40A-2P	3#8+1#10 GND - 3/4"
50A-2P	3#6+1#10 GND - 3/4"
60A-2P	3#6+1#10 GND - 3/4"
<b>208 OR 480 VOLTS, 3Ø, 3W CIRCUITS</b>	
CIRCUIT BREAKER	CONDUCTOR
20A-3P	3#12+1#12 GND - 3/4"
30A-3P	3#10+1#10 GND - 3/4"
40A-3P	3#8+1#10 GND - 3/4"
50A-3P	3#6+1#10 GND - 3/4"
60A-3P	3#6+1#10 GND - 3/4"
<b>208Y/120 &amp; 480Y/277 VOLT, 3Ø, 4W CIRCUITS</b>	
CIRCUIT BREAKER	CONDUCTOR
20A-3P	4#12+1#12 GND - 3/4"
30A-3P	4#10+1#10 GND - 3/4"
40A-3P	4#8+1#10 GND - 3/4"
50A-3P	4#6+1#10 GND - 1"
60A-3P	4#6+1#10 GND - 1"

LEGEND OF FEEDER SIZES- COPPER CONDUCTORS						
TAG	CONDUCTORS (3 PHASE, 3 WIRE) WITH GROUND	RACEWAY SIZE	TAG	CONDUCTORS (3 PHASE, 4 WIRE) WITH GROUND	RACEWAY SIZE	NOMINAL AMPACITY RATING
30-3Ø	3#10 & 1#10 GND.	3/4"	30-4Ø	4#10 & 1#10 GND.	3/4"	30
50-3Ø	3#8 & 1#10 GND.	3/4"	50-4Ø	4#8 & 1#10 GND.	3/4"	50
60-3Ø	3#6 & 1#10 GND.	3/4"	60-4Ø	4#6 & 1#10 GND.	1"	60
100-3Ø	3#3 & 1#8 GND.	1 1/4"	100-4Ø	4#2 & 1#8 GND.	1 1/4"	100
125-3Ø	3#1 & 1#6 GND.	1 1/4"	125-4Ø	4#1 & 1#6 GND.	1 1/2"	125
150-3Ø	3#1/0 & 1#6 GND.	1 1/2"	150-4Ø	4#1/0 & 1#6 GND.	2"	150
175-3Ø	3#2/0 & 1#6 GND.	2"	175-4Ø	4#2/0 & 1#6 GND.	2"	175
200-3Ø	3#3/0 & 1#6 GND.	2"	200-4Ø	4#3/0 & 1#6 GND.	2"	200
225-3Ø	3#4/0 & 1#4 GND.	2"	225-4Ø	4#4/0 & 1#4 GND.	2 1/2"	225
250-3Ø	3#250 KCMIL & 1#4 GND.	2 1/2"	250-4Ø	4#250 KCMIL & 1#4 GND.	2 1/2"	250
300-3Ø	3#350 KCMIL & 1#4 GND.	2 1/2"	300-4Ø	4#350 KCMIL & 1#4 GND.	3"	300
350-3Ø	3#500 KCMIL & 1#3 GND.	3"	350-4Ø	4#500 KCMIL & 1#3 GND.	3"	350
400-3Ø	3#500 KCMIL & 1#3 GND.	3"	400-4Ø	4#500 KCMIL & 1#3 GND.	4"	400
600-3Ø	6#350 KCMIL & 2#1 GND.	2-3"	600-4Ø	6#350 KCMIL & 2#1 GND.	2-3"	600
800-3Ø	6#600 KCMIL & 3#1/0 GND.	2-3"	800-4Ø	6#600 KCMIL & 3#1/0 GND.	2-3 1/2"	800
1000-3Ø	9#400 KCMIL & 3#2/0 GND.	3-3"	1000-4Ø	12#400 KCMIL & 3#2/0 GND.	3-3"	1000
1200-3Ø	9#600 KCMIL & 3#3/0 GND.	3-3"	1200-4Ø	12#600 KCMIL & 3#3/0 GND.	3-3 1/2"	1200
1600-3Ø	12#600 KCMIL & 4#4/0 GND.	4-3"	1600-4Ø	16#600 KCMIL & 4#4/0 GND.	4-3 1/2"	1600

PANELBOARD SCHEDULE														
PANEL DESIGNATION	VOLTS	PHASE	WIRES	BUS SIZE	M.O. = MAIN LUGS ONLY						MOUNTING SURFACE F-FLUSH	REMARKS		
					BRANCH DEVICES		TOTAL POLES		ADDITIONAL CIRCUIT BREAKERS					
					TRIP	FRAME	TRIP	FRAME	TRIP	FRAME				
SLP1	120/240	1	3	200	200 MLO	200	1P	22				24	S	-

ABBREVIATIONS	
ABBR	ABBREVIATIONS
A/AMP	AMPERE
AC	ALTERNATING CURRENT
A/C	AIR CONDITIONING
AF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ARCH	ARCHITECTURAL
ATC	AUTOMATIC TEMPERATURE CONTROL
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
BAT	BATTERY
BIS	BYPASS ISOLATOR SWITCH
C	CONDUIT
CATV	CABLE TELEVISION
CAB	CABINET
CB	CIRCUIT BREAKER
CCV	CLOSED CIRCUIT TELEVISION
CHT	CIRCUIT
CL	CENTERLINE
CM	CENTIMETER
CLG	CEILING
CO	COMPANY
COL	COLUMN
C/T	CURRENT TRANSFORMER
CW	COOL WHITE
DET	DETAIL
DI	DIAMETER
DISC	DISCONNECT
DN	DOWN
DP	DISTRIBUTION PANEL
DPDT	DOUBLE POLE DOUBLE THROW
DPST	DOUBLE POLE SINGLE THROW
DT	DUST TIGHT
DWG	DRAWING
EA	EACH
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVATION
ELC	ELECTRIC
ELEV	ELEVATOR
ES	ENERGY SAVING
FDR	FEEDER
FLUO	FLOOR FLOURESCENT
GEN	GENERATOR
GFI	GROUND FAULT INTERRUPTER
GFP	GROUND FAULT PROTECTOR
GND	GROUND
HC	HUNG CEILING
HOT	HEIGHT
HID	HIGH INTENSITY DISCHARGE LAMP
HO	HIGH OUTPUT
HP	HORSE POWER
HPS	HIGH PRESSURE SODIUM HEATING, VENTILATION AND AIR CONDITIONING
HZ	HERTZ
HV	HIGH VOLTAGE
IN	INCHES
INCAND	INCANDESCENT
JB	JUNCTION BOX
KV	KILOVOLT
KVA	KILOVOLT-AMPERES
KW	KILOWATT
L	LENGTH
LA	LIGHTNING ARRESTOR
LP	LIGHTING PANEL
LTS	LIGHTING
LV	LOW VOLTAGE
M	METER
MM	MILLIMETER
MCB	MAIN CIRCUIT BREAKER
MEC	MASS ELECTRIC COMPANY
MFR	MANUFACTURER
MLO	MAIN LUG ONLY
MISC	MISCELLANEOUS
MTD	MOUNTED
N	NEUTRAL
N/C	NORMALLY CLOSED
NEL	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NET	NOT IN CONTRACT
NIC	NIGHT LIGHTING CKT
NL	NORMALLY OPEN
NO	NUMBER
OC	ON CENTER
O/C	OVERCURRENT
OL	OVERLOAD
OP	PULL BOX
PH	PHASE
PNL	PANEL
PLP	PUMP
PP	PRIMARY
P/T	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE
PWR	POWER
RECEPT	RECEPTACLE
REC	RECESSED
RPA	RELAY PANEL
SEC	SECONDARY
SP	SPARE
SPEC	SPECIFICATIONS
SPKLR	SPRINKLER
SW	SWITCH
TB	TERMINAL BOARD
TEL	TELEPHONE
TV	TELEVISION
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
TYP	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
V	VOLTS
VA	VOLT AMPERAGE
VAC	VACU



