

SECTION 260150 - DEFINITIONS, SYMBOLS, AND ABBREVIATIONS

PART 1 - GENERAL

1.1 DEFINITIONS

- A. Appurtenances- All required items and equipment for a complete working system.
- B. Concealed- Hidden from sight; includes items in shafts and above ceilings.
- C. Conduit- Includes metallic and non-metallic raceways, wireway, auxiliary gutters, outlet boxes, pull boxes, and junction boxes comprising a complete system.
- D. Exposed- Not concealed; work within equipment rooms shall be considered exposed.
- E. Furnish- Procure and deliver to the site equipment, devices and items indicated and required for a complete installation.
- F. Indicated- As indicated on Contract Documents.
- G. Install- Labor, miscellaneous materials, services and tools to receive, store, locate, secure in place, connect, and place into operation equipment for a complete installation.
- H. Provide- Furnish and install
- I. Wiring- Includes all conductors, connectors, and terminations necessary for a complete installation.

1.2 SYMBOLS

- A. Symbols used on the electrical drawings are defined in the electrical symbols schedule on the drawings. Not all of the symbols scheduled will necessarily be required for this project.

1.3 ABBREVIATIONS

- A. The following is a composite listing of abbreviations and initials.

A	Ampere
A/C	Air Conditioning
A.C.	Alternating Current
AFD	Adjustable Frequency Drive
AFF	Above Finished Floor
AFG	Above Finished grade
AHJ	Authority Having Jurisdiction
AHU	Air Handler Unit
AIC	Ampere Interrupting Capacity
AL	Aluminum
AMP	Ampere
ANSI	American National Standards Institute
ASA	American Standards Association

ATS	Automatic Transfer Switch
AUX	Auxiliary
AWG	American Wire Gauge
B.C.	Bare Copper
BFG	Below Finished Grade
BFMS	Building Facilities Management System (Also see BMS and EMS)
BIL	Basic Impulse Level
BMS	Building Management System (Also see BMS and EMS)
BRKR	Breaker
C°	Degrees Centigrade
CAB	Cabinet
C.	Conduit
C.B.	Circuit Breaker
CBM	Certified Ballasts Manufacturers
CFM	Cubic Feet per Minute
CKT.	Circuit
C/L	Center Line
CLG	Ceiling
Co.	Company
Comp.	Compressor
Cond.	Condenser
Conn.	Connection
Cont.	Contact
Cont'l.	Control
Cont'lr	Controller
Cont'd	Continued
CPU	Central Processing Unit
CRT	Cathode Ray Terminal
CSTC	Communications System Terminal Cabinet
C.T.	Current Transformer
CU.	Copper
C.U.	Compressor/Condenser Unit
C.W.	Cold Water
D.C.	Direct Current
Deg.	Degree
DCTC	Door Control Terminal Cabinet
DGP	Data Gathering Panel
Disc.	Disconnect
D.O.	Draw Out
DN.	Down
DPDT	Double Pole Double Throw
DPST	Double Pole Single Throw
E.C.	Electrical Contractor (or General Contractor)
EC	Empty Conduit
EF	Exhaust Fan
EMS	Energy Management System (Also see BFMS and BMS)
EMT	Electric Metallic Tubing
E.O.	Electrically Operated
ESIC	Elevator/Systems Interface Cabinet

EWC	Electric Water Cooler
EWH	Electric Water Heater
F°	Degrees Fahrenheit
FATO	Final Approach and Takeoff Area (Applies to Heliports)
FCU	Fan Coil Unit
FID	Field Interface Device
FLA	Full Load Amperes
FM	Factory Mutual
FMS	Facility Management System
FO	Fiber Optics
FPS	Feet Per Second
FT.	Feet
FUT	Future
FZ	Fire Protection Zone (Sprinkler)
GFI	Ground Fault Interrupting
GRS	Galvanized Rigid Steel Conduit
GRD	Grade
GND.	Ground
Horiz.	Horizontal
HP.	Horsepower
HR.	Hour
H.S.	Heat Strip
HW	Hot Water
I/C	Intercom
ICU	Intensive Care Unit
IEEE	Institute of Electrical and Electronic Engineers
IES	Illuminating Engineering Society
IMC	Intermediate Metallic Conduit
in.	Inches
IPCEA	Insulated Power Cable Engineers Association
J.B.	Junction Box
JCT	Junction
kcil	Thousand Circular Mil (also MCM)
KV	Kilovolt
KVA	Kilo-Volt-Amperes
KW	Kilowatts
lbs	Pounds
LAN	Local Area Network
LED	Light Emitting Diode
LT.	Light
LTG.	Lighting
M	Meter
MAX	Maximum
MCC	Motor Control Center
MCB	Main Circuit Breaker
MCM	Thousand Circular Mil (also kcil)
MCP	Motor Circuit Protector
MDP	Main Distribution Panel
MIC	Microphone

MIN.	Minimum
M.L.O.	Main Lugs Only
MOCP	Minimum Over Current Protection
MPH	Miles Per Hour
MTD	Mounted
MUX	Multiplex (Transponder) Panel
MVA	Mega Volt Amperes
N.	Neutral
NEC	National Electric Code
NECA	National Electrical Contractors Association
NEMA	National Electrical Manufacturers Association
NFPA	National Fire Protection Association
NIC.	Not in Contract
NF	Non Fused
No.	Number
Ø	Phase
O.C.	On Centers
O/H	Overhead
O.L.	Overload
OLS	Overloads
O.R.	Operating Room
OSHA	Occupational Safety and Health Act
OS&Y	Outside Screw and Yoke (Sprinkler valve)
P.	Pole
PB	Pullbox
P.C.	Photo Cell
PIV	Post Indicator Valve (Sprinkler)
PNL	Panel
PR	Pair
PWR	Power
PF	Power Factor
PRI	Primary
Proj.	Projector
PSI	Pounds Per Square Inch
P.T.	Potential Transformer
PVC	Polyvinyl Chloride
R	Relay
RCPT	Receptacle
RMS	Root-Means-Square
RPM	Revolutions Per Minute
RECEPT	Receptacle
RTU	Remote Terminal Unit
SCA	Short Circuit Amps
SEC	Secondary
S/N	Solid Neutral
SPKR	Speaker
SPST	Single Pole Single Throw
SSTC	Sound System Terminal Cabinet
SQ	Square

SW	Switch
SWBD	Switchboard
TEL	Telephone
TTB	Telephone Terminal Board
T.S.	Time Switch
TTC	Telephone Terminal Cabinet
TV	Television
TYP	Typical
TEMP	Temperature
XPONDR	Transponder
XFER	Transfer
XFMR	Transformer
U/G	Underground
U.L.	Underwriters Laboratories
UNSW	Unswitched
UTIL	Utility
V	Volt
VFD	Variable Frequency Drive
W	Watt
Wt.	Weight
W	Wire
W.P.	Weatherproof

PART 2 - PRODUCTS

NOT USED

PART 3 - EXECUTION

NOT USED

END OF SECTION 260150