## UPS SYSTEM LEGEND AND SYMBOLS

## CONDUIT SYMBOLS POWER SYMBOLS (CONTINUED) ----- CONDUIT CONCEALED ALL CONDUITS MINIMUM 74" UNLESS OTHERWISE NOTED. PROVIDE EQUIPMENT GROUND CONDUCTOR IN ALL RACEWAYS. EXISTING PANEL ENCLOSURE AS SCHEDULED EXPOSED CONDUIT --- CONDUIT UP --- CONDUIT DOWN EXISTING PANEL TO REMOVED - WIRE ENCLOSED IN RACEWAY -- HOT WIRE MINIMUM #12 GUAGE WIRE -- NEUTRAL UNLESS OTHERWISE DESIGNATION -- GROUND WIRE (GREEN INSULATION) EXISTING CONDUIT AND OR EQUIPMENT TO BE REMOVED \_\_0 FLEXIBLE CONDUIT EL EXISTING AUTOMATIC TRANSFER SWITCH CAPPED CONDUIT POWER SYMBOLS RECTIFIER (REC) SPLICE OR JUNCTION BOX, MINIMUM SIZE AS REQUIRED BY NATIONAL ELECTRICAL CODE PULL BOX, MINIMUM SIZE AS REQUIRED BY NATIONAL ELECTRICAL CODE INVERTER (INV) CIRCUIT BREAKER RATING AS NOTED SINGLE POLE UNLESS NOTED OTHERWISE TRANSFORMER FEEDER DESIGNATION 30A \_\_\_\_ FUSE, RATED FOR 30 AMP PANELBOARD CONNECTED TO UPS POWER DISTRIBUTION PANELBOARD СВ EXISTING CB DISCONNECT SWITCH СВ NEW CB DISCONNECT SWITCH EXISTING NON-FUSIBLE DISCONNECT SWITCH. UPPER NO. DENOTES SWITCH SIZE 100A EXISTING FUSIBLE DISCONNECT SWITCH. UPPER NO. DENOTES SWITCH SIZE 100A [F]-EXISTING DOUBLE THROW LOAD TRANSFER SWITCH [\_]-1

Edwards McKelcey

## ABBREVIATIONS

AC	ALTERNATING CURRENT
AFF	ABOVE FINISHED FLOOR
AIC	AMPS_
AMP, A	AMPERE
AMPAY	AMPACITY
ΑT	AMPERE TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILIARY AMERICAN WIRING GUAGE
AWG	AMERICAN WIRING GUAGE
BATT	BATTERY
BR	BRANCH
BRKR	BREAKER
C _	CONDUIT
CAP	CAPACITY
CB	CIRCUIT BREAKER
CCT, CKT CONT	CIRCUIT
	CONTACTOR
DC	DIRECT CURRENT
DISC	DISCONNECT
DN	DOWN
DPDT	DOUBLE POLE DOUBLE THROW
EC	EMPTY CONDUIT
ECH	ELECTRIC CABINET HEATER
EMERG	EMERGENCY
EMP	EMERGENCY PANEL
EMT	ELECTRIC METALLIC TUBING
EO	ELECTRIC METALLIC TUBING ELECTRICALLY OPERATED
F	
	FUSE
FDR	FEEDER
FLA	FULL LOAD AMPERES
FLC	FULL LOAD AMPERES FULL LOAD CURRENT
FLR	FLOOR
GA	GAGE, GAUGE GENERATOR
GEN	GENERATOR
GRD, GND	GROUND
HDG	HOT - DIPPED, GALVANIZED
HP	HORSEPOWER
HZ	HERTZ (CYCLE) INTERRUPTING CAPACITY
IC	INTERRUPTING CAPACITY
INV	INVERTER
ITC	INTERFACE
JB	JUNCTION BOX
ΚV	JUNCTION BOX KILOVOLT KILOVOLT-AMPERE KILOWATT
KVA	KILOVOLT-AMPERE
KW	KILOWATT
KWHR	KILOWATT-HOUR METER
М	METER
MAN	MANUAL MAXIMUM
MAX	
MTG	MOUNTING
NC	NORMALLY CLOSED
NEG	NEGATIVE
NEUT, N	NEUTRAL
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN, NUMBER
PB	PULL BOX
PF	POWER FACTOR
PH	PHASE
PNL	PANELBOARD
POS	POSITIVE
PRI	PRIMARY
RECPT	RECEPTACLE
REC	RECTIFIER
REST	RESISTANCE
RGS	
	RIGID GALVANIZED STEEL CONDUIT
SCA	SHORT CIRCUIT AMPERES
SEC SP	SECONDARY SINGLE POLE
CDDT	SINGLE POLE DOUBLE TUROW
SPDT SPST	SINGLE POLE DOUBLE THROW SINGLE POLE SINGLE THROW
SS	SINGLE POLE SINGLE THROW STAINLESS STEEL
SW	
SWBD	SWITCHBOARD
TERM	SWITCHBOARD TERMINAL
TGL	TOGGLE
TP	TAMPED DOOG
UNO	TAMPER PROOF UNLESS NOTED OTHERWISE
UPS	ININTERRUPTIBLE POWER SUPPLY
V	VOLT
VA	VOLT-AMPER
VIF	VOLT-AMPER VERIFY IN FIELD
XFMR, TRANSF	TRANSFORMER
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## NOTES

- 1. PLANS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE DIAGRAMMATIC OUTLINE ONLY UNLESS OTHERWISE NOTED. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT AND APPURTENANCES, AND LABOR NECESSARY TO EFFECT ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- 2. ALL CONTRACTORS WILL VISIT THE JOB SITE (SCHAUMBRUG COMMUNICATION CENTER) AND SHALL FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE GENERAL CONSTRUCTION DEMOLITION AND ELECTRICAL INSTALLATION AND SHALL MAKE PROVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL CONTRACTDOCUMENTS, FIELD CONDITIONS AND DIMENSIONS CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN.
- 3. THE ELECTRICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN THE DRAWINGS, THE GENERAL NOTES, AND THE SEQUENCE OF CONSTRUCTION PHASING AND FIELD CONDITIONS, CLARIFICATION SHALL BE REQUESTED IN WRITING PRIOR TO SUBMISSION OF BIDS.
- 4. THE SUBMISSION OF A PROPOSAL SHALL BE CONSTRUED AS EVIDENCE THAT SUCH EVIDENCE AN EXAMINATION HAS BEEN MADE AND LATER CLAIMS FOR LABOR, EQUIPMENT, OR MATERIAL REQUIRED OR FOR DIFFICULTIES ENCOUNTERED, WHICH WOULD HAVE BEEN FORESEEN HAD SUCH AN EXAMINATION BEEN MADE, WILL NOT BE RECOGNIZED.
- 5. THE ELECTRICAL CONTRACTOR UPON AGREEMENT AND APPROVAL OF THE DRAWINGS ASSUMES FULL RESPONSIBILITY FOR THE MATERIALS, AND WORKMANSHIP OF THE WORK DESCRIBED IN THESE NOTES AND DRAWINGS, AND HE WILL BE EXPECTED TO COMPLY WITH THE SPIRIT AS WELL AS THE LETTER IN WHICH THEY WERE WRITTEN.

DT-12A

REVISIONS			4
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