UPS SYSTEM LEGEND AND SYMBOLS

CONDUIT SYMBOLS POWER SYMBOLS (CONTINUED) ---- CONDUIT CONCEALED ALL CONDUITS MINIMUM
3/4" 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 ____O _____FLEXIBLE CONDUIT **€**L EXISTING AUTOMATIC TRANSFER SWITCH CAPPED CONDUIT POWER SYMBOLS RECTIFIER (REC) SPLICE OR JUNCTION BOX, MINIMUM SIZE AS REQUIRED BY NATIONAL ELECTRICAL CODE J PULL BOX, MINIMUM SIZE AS REQUIRED BY NATIONAL ELECTRICAL CODE INVERTER (INV) TRANSFORMER FEEDER DESIGNATION 30A FUSE, RATED FOR 30 AMP PANELBOARD CONNECTED TO UPS POWER DISTRIBUTION PANELBOARD CB EXISTING CB DISCONNECT SWITCH CB NEW CB DISCONNECT SWITCH EXISTING NON-FUSIBLE DISCONNECT SWITCH. UPPER NO. DENOTES SWITCH SIZE 100A [___}-i EXISTING FUSIBLE DISCONNECT SWITCH. UPPER NO. DENOTES SWITCH SIZE 100A F EXISTING DOUBLE THROW LOAD TRANSFER SWITCH

Edwards AND Kelcey

ABBREVIATIONS

AC	ALTERNATING CURRENT
AFF	ABOVE FINISHED FLOOR
AIC	AMPS
AMP, A AMPAY	AMPERE
AMPAY	AMPACITY
AT	AMPERE TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILIARY
AWG BATT	AMERICAN WIRING GUAGE BATTERY
BR	BRANCH
BRKR	BREAKER
С	CONDUIT
CAP	CAPACITY
CB	CIRCUIT BREAKER
CCT, CKT	CIRCUIT
CONT	CONTACTOR
DISC	DIRECT CURRENT 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 GEN	GAGE, GAUGE
GRD, GND	GENERATOR GROUND
HDG	
HP	HOT - DIPPED, GALVANIZED HORSEPOWER
HZ	
IC	HERTZ (CYCLE) INTERRUPTING CAPACITY
INV	INVERTER
ITC	INTERFACE
JB	JUNCTION BOX KILOVOLT KILOVOLT-AMPERE
KV	KILOVOLT
KVA KW	KILOVOLT-AMPERE
KWHR	KILOWATT
W	KILOWATT-HOUR METER
MAN MAX	MANUAL MAXIMUM
	MAXIMUM
MTG	MOUNTING
NC	NORMALLY CLOSED
NEG	NEGATIVE
NEUT, N NIC	NEUTRAL
NO NO	NOT IN CONTRACT 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 SEC SP	SHORT CIRCUIT AMPERES
SEC	SECONDARY SINGLE POLE
SPDT	SINGLE POLE DOUBLE THROW
SPST	SINGLE POLE DOUBLE THROW SINGLE POLE SINGLE THROW
SS	STAINLESS STEEL
SW	SWITCH
SWBD TERM	SWITCHBOARD
I LRM	TERMINAL
TGL TP	TOGGLE
UNO	TAMPER PROOF UNLESS NOTED OTHERWISE UNINTERRUPTIBLE POWER SUPPLY
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLI
VA	VOLT-AMPER
VIF	VERIFY IN FIELD
XFMR, TRANSF	TRANSFORMER

	SECTION	1	COUNTY	TOTAL SHEETS	SHEET NO.	#5
	2003-03	lI .	соок	976	908	3
STA.		TO	STA.			3
FED. RO	AD DIST. NO	ILLINOIS	FED. AID	PROJECT		18
	62583	***************************************				13

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.

REVISIONS NAME DATE	ILLINOIS DEPARTMENT O		
	F.A.I. 94/90 (DAN RYAN EXPRESSWAY 31st STREET to I-57		
	UNINTERRUPTIBLE LEGENDS,SYMBOLS AN	ID ADDDEVITATIONS	
	SCALE: NONE DATE: October 29, 2004	DRAWN BY: SST CHECKED BY: CS	

DT-12A