NOTES

1 HANDHOLES, APU PIT AND DUCT ROUTING IS SHOWN FOR INFORMATION ONLY. EXACT LOCATION SHALL BE FIELD COORDINATED.

2 ALL CONDUITS ENTERING/EXISTING HANDHOLES, POLE, ETC SHALL BE GRSC. CONTRACTOR SHALL TRANSITION FROM PVC TO GRS CONDUIT MIN. 3'-0" PRIOR TO THE TERMINATION POINT. PAYMENT FOR GRS CONDUIT SHALL BE INCIDENTAL TO DUCT BANK COST.

3 CONTRACTOR SHALL PROVIDE MIN 5'-0" SLACK FOR ALL NEW WIRING INSTALLED IN HANDHOLE. TYPICAL FOR ALL EXISTING AND PROPOSED HANDHOLES.

4 CONNECT NEW DUCT BANK/HANDHOLE TO EXISTING DUCT BANK STUB. COST SHALL BE INCIDENTAL TO NEW DUCT BANK OR HANDHOLE.

5 COST OF ROUTING CABLES THROUGH JUNCTION BOX, AND EXISTING CONDUITS AND NEW CIRCUIT BREAKERS SHALL BE INCIDENTAL TO THE INSTALLATION OF APRON LIGHT POLE.

NOMENCLATURE

(1) EXISTING JUNCTION BOX. INSTALL NEW CIRCUITS TO ALP-2 AND NL THROUGH JUNCTION BOX (SEE NOTE 5).

(2) EXISTING 400A, 480V, 3-PHASE PANEL "ALP-2". INSTALL ONE (1) 30A, 3-POLE CIRCUIT BREAKER FOR NEW APRON LIGHTING CIRCUIT (SEE NOTE 5).

(3) EXISTING 250A, 480V 3-PHASE PANEL "NL". INSTALL ONE (1) 20A, 3-POLE CIRCUIT BREAKER FOR NEW NL CIRCUIT (SEE NOTE 5).

(4) EXISTING 6-WAY DUCT BANK, 1-3" PVC CONDUIT WITH: NEW 3 #6 XLP-USE, 1 #10 GND. (P-1) AND 3 #6 XLP-USE, 1 #10 GND. (NL).

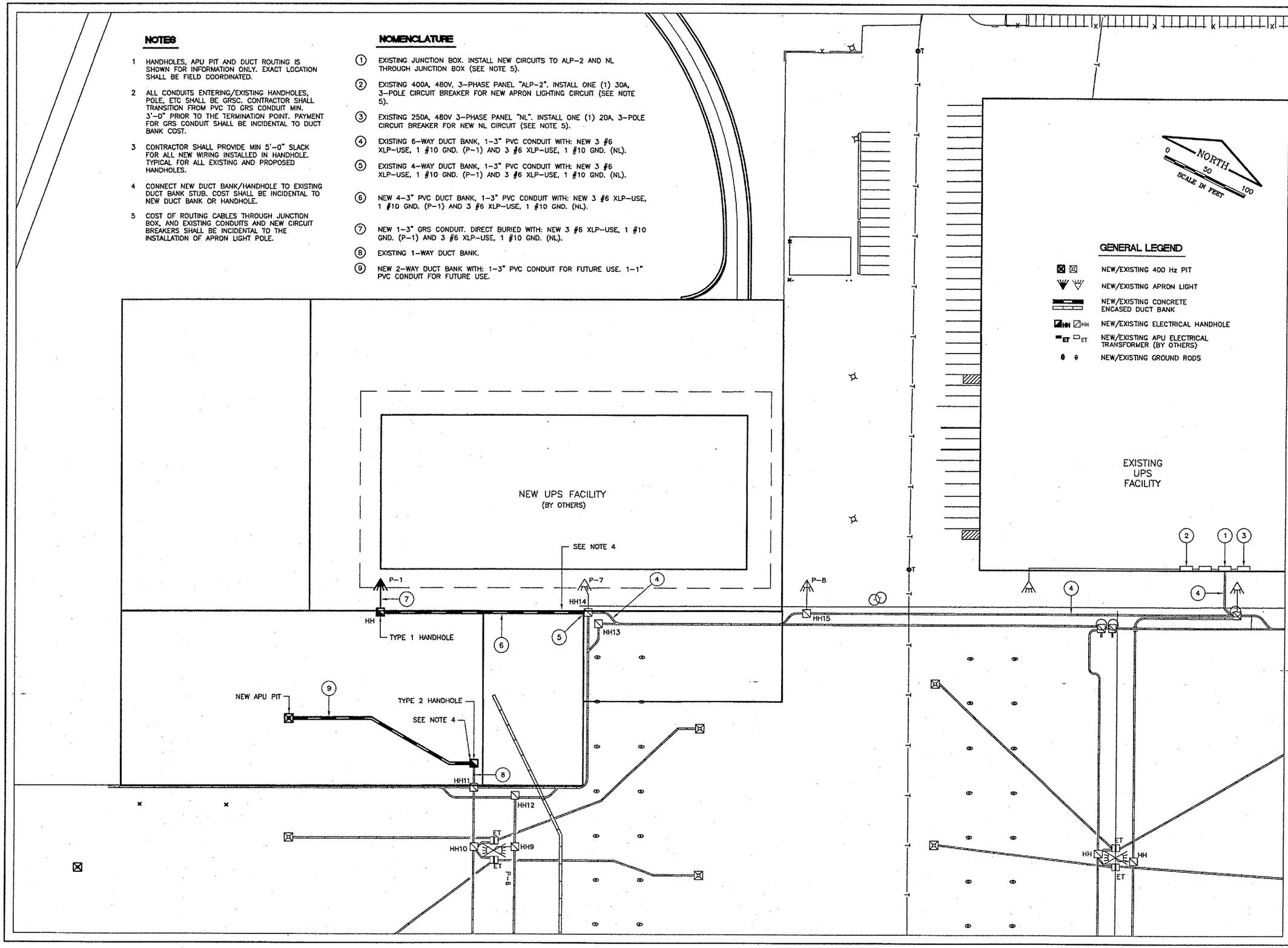
(5) EXISTING 4-WAY DUCT BANK, 1-3" PVC CONDUIT WITH: NEW 3 #6 XLP-USE, 1 #10 GND. (P-1) AND 3 #6 XLP-USE, 1 #10 GND. (NL).

(6) NEW 4-3" PVC DUCT BANK, 1-3" PVC CONDUIT WITH: NEW 3 #6 XLP-USE, 1 #10 GND. (P-1) AND 3 #6 XLP-USE, 1 #10 GND. (NL).

(7) NEW 1-3" GRS CONDUIT. DIRECT BURIED WITH: NEW 3 #6 XLP-USE, 1 #10 GND. (P-1) AND 3 #6 XLP-USE, 1 #10 GND. (NL).

(8) EXISTING 1-WAY DUCT BANK.

(9) NEW 2-WAY DUCT BANK WITH: 1-3" PVC CONDUIT FOR FUTURE USE. 1-1" PVC CONDUIT FOR FUTURE USE.



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Northwest Chicagoland International Airport

Rockford, Illinois

Greater Rockford Airport Authority

AIP: 3-17-0088-XX
RFD-3705

NW Air Cargo Sitework (Phase 2)

Revisions		
No.	Date	Description

0 1
THIS BAR IS EQUAL TO 1" AT FULL SCALE (17 X 11).

DESIGN BY:	JGP
DRAWN BY:	CMT
CHECKED BY:	DLP
APPROVED BY:	DLP
DATE:	6.10.2005
JOB No:	05258-06-00

ELECTRICAL PLAN

13 (ELP1)

SHEET 13 OF 25 SHEETS