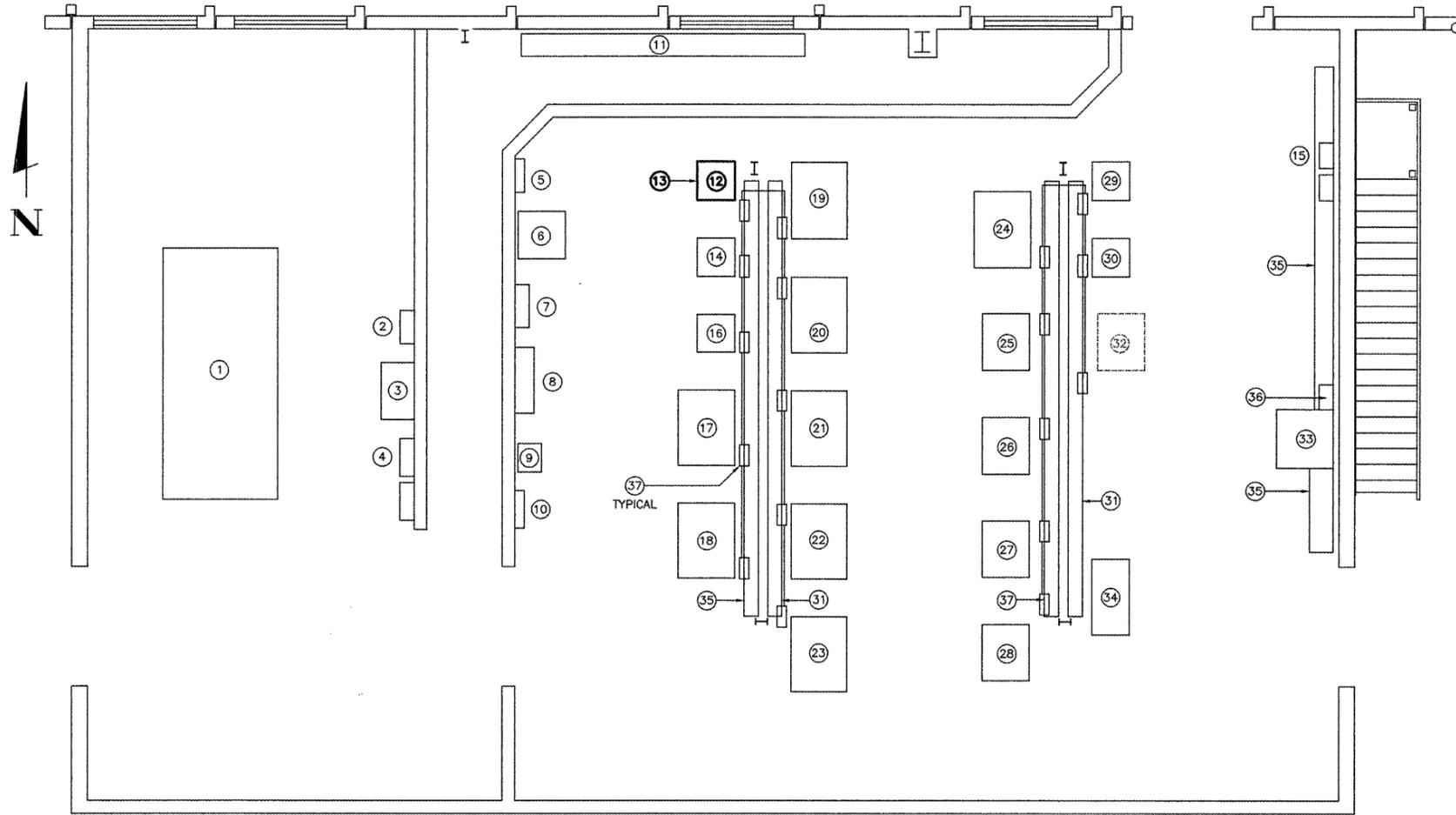


PHASE 2



PROPOSED AIRFIELD VAULT MODIFICATIONS
 1/4"=1'-0"

NOTES:

1. ALL PROPOSED WORK OR ITEMS BEING MODIFIED ARE SHOWN IN BOLD. ALL OTHER ITEMS SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.
2. REMOVE EXISTING 4KW REGULATOR AND MOVE IT TO LOCATION DESIGNATED BY THE AIRPORT.
3. INSTALL PROPOSED REGULATOR, RECONNECT EXISTING POWER AND CONTROL CABLES TO PROPOSED REGULATOR. MATCH EXISTING CONDITIONS

AIRFIELD VAULT NOMENCLATURE

- ① EXISTING 430 KW (537.5 KVA) STAND-BY GENERATOR SET.
- ② EXISTING 800A, 480V, 3Ø UTILITY MAIN DISCONNECT.
- ③ EXISTING 800A, 480V, 3Ø AUTOMATIC TRANSFER SWITCH.
- ④ EXISTING 800A, 480V, 3Ø GENERATOR SET MAIN DISCONNECT.
- ⑤ EXISTING 208Y/120 VAC, 3Ø, 4W, LIGHTING PANEL.
- ⑥ EXISTING 75 KVA, 480-208Y/120 VAC TRANSFORMER.
- ⑦ EXISTING 480V, 3Ø POWER DISTRIBUTION PANEL PDP-2.
- ⑧ EXISTING 480V, 3Ø POWER DISTRIBUTION PANEL PDP-1.
- ⑨ EXISTING 480V, 3Ø, 480V DELTA TO 480Y/277 VAC TRANSFORMER.
- ⑩ EXISTING 480Y/277V POWER DISTRIBUTION PANEL.
- ⑪ EXISTING HIGH VOLTAGE "HOMERUN" WIREWAY.
- ⑫ EXISTING 480 VAC, 4 KW, RW 15-33 REGULATOR TO BE REMOVED (SEE NOTE 2).**
- ⑬ PROPOSED 10 KW, 3-STEP, 480VAC L-828 REGULATOR FOR RUNWAY 15/33 (SEE NOTE 3).**
- ⑭ EXISTING 30KW, 480V, RUNWAY 10/28 REGULATOR.
- ⑮ EXISTING PAPI/WINDCONE CONTROL PANEL
- ⑯ EXISTING 480 VAC, 10 KW, RUNWAY 2R/20L REGULATOR.
- ⑰ EXISTING 480 VAC, 20 KW, RUNWAY 2L/20R REGULATOR.
- ⑱ EXISTING 480 VAC, 30 KW, RUNWAY 2L/20R CENTERLINE REGULATOR.
- ⑲ EXISTING 480 VAC, 30 KW, RUNWAY 2L/20R TOUCHDOWN ZONE REGULATOR.
- ⑳ EXISTING 480 VAC, 30 KW, SPARE REGULATOR.
- ㉑ EXISTING 480 VAC, 30 KW, SPARE REGULATOR.
- ㉒ EXISTING 480 VAC, 30 KW, TAXIWAY C SOUTH REGULATOR.
- ㉓ EXISTING 480 VAC, 30 KW, TAXIWAY W REGULATOR.
- ㉔ EXISTING 480 VAC, 20 KW, TAXIWAY R REGULATOR.
- ㉕ EXISTING 480 VAC, 15 KW, TAXIWAY G REGULATOR.
- ㉖ EXISTING 480 VAC, 15 KW, TAXIWAY E WEST REGULATOR.
- ㉗ EXISTING 480 VAC, 10 KW, TAXIWAY B-SOUTH REGULATOR.
- ㉘ EXISTING 480 VAC, 10 KW, TAXIWAY B-NORTH REGULATOR.
- ㉙ EXISTING 480 VAC, 10 KW, TAXIWAY C NORTH REGULATOR.
- ㉚ EXISTING 480 VAC, 15 KW, TAXIWAY E-EAST REGULATOR.
- ㉛ EXISTING 8" x 8" HIGH VOLTAGE (5 KV) WIREWAY.
- ㉜ FUTURE 480V AC, 10 KW RUNWAY 2L/20R RDR.
- ㉝ EXISTING ALCMS RACK. SEE SPECIFICATION FOR UPGRADES.
- ㉞ EXISTING WORK BENCH.
- ㉟ EXISTING 8" x 8" LOW VOLTAGE (600V) WIREWAY.
- ㊱ EXISTING L-854 RADIO CONTROLLER
- ㊲ EXISTING INTERFACE CONTROL PANEL AND INSULATION RESISTANCE MONITOR.

IL CONTRACT: **DU078**
 IL LETTING ITEM: **9A**
 IL PROJECT: **DPA-3836**
 A.I.P. PROJECT: **3-17-0017-B23**

SURVEY BOOK # BOOK #

REVISIONS		
NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).

**DUPAGE AIRPORT
 WEST CHICAGO, ILLINOIS
 AIRFIELD SIGNAGE UPDATES**

AIRFIELD VAULT PLAN

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DESIGN BY: AB
 DRAWN BY: JRO
 CHECKED BY: AB
 APPROVED BY: DLP
 DATE: 2/27/2009
 JOB No: 08257-02-00

FINAL