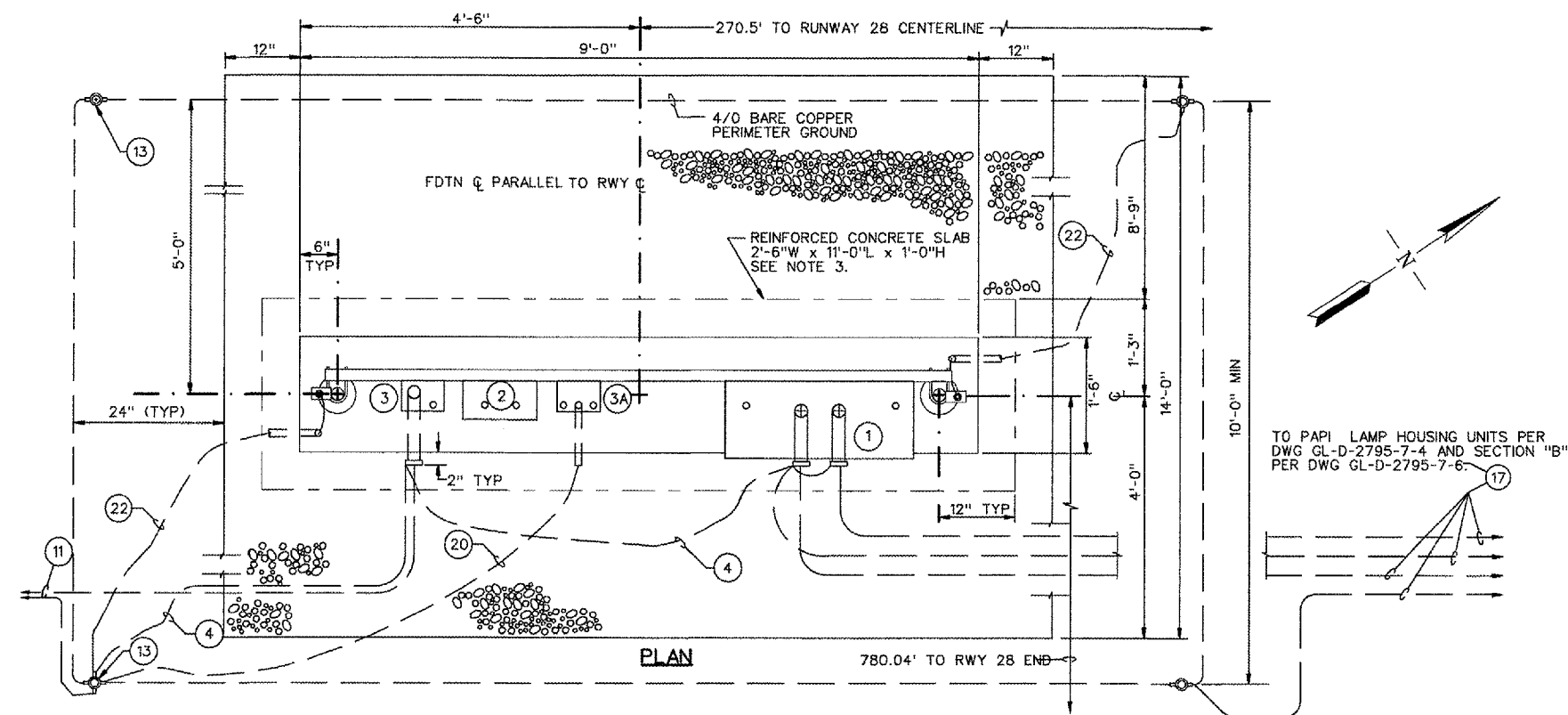


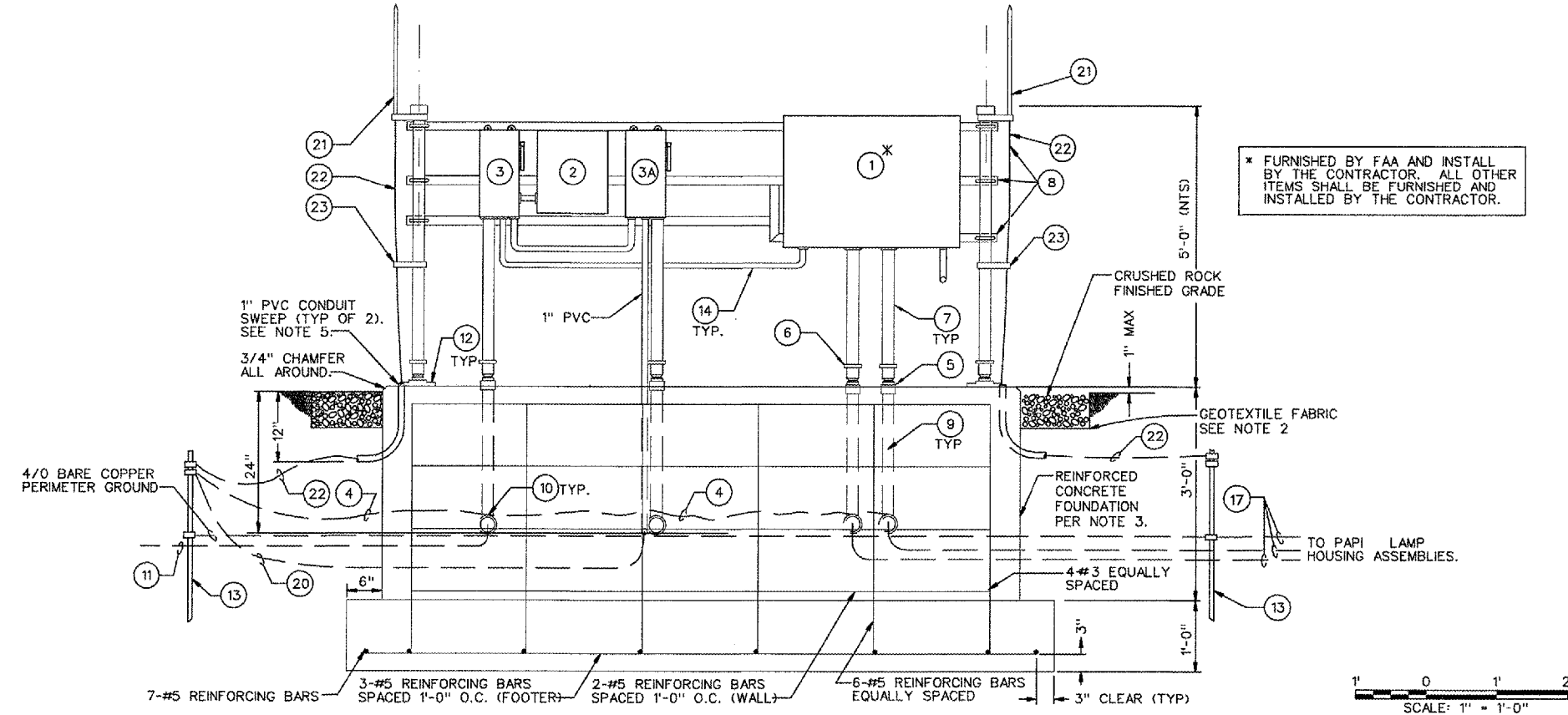
DATE: Wednesday, January 09, 2008 4:58:10 PM
 FILE: K:\dupage\072504_Rwy 28 PAPI's\Draw\Sheets\Install_Rwy 28 PAPI And Reils\ppp-SHEET4.dwg
 UPDATE BY: Jeremy Linke
 LAYOUT: Layout1
 EMPLOYER: DPA
 PROJECT: 3-17-0017-822
 SHEET FILES



- NUMBERED LEGEND:**
- * (1) PAPI POWER AND CONTROL ASSEMBLY CABINET *
 - (2) SURGE ARRESTER: LPC 20206-7.
 - (3) DISCONNECT SWITCH, SQUARE D CAT. NO. H222NRB.
 - (3A) DISCONNECT SWITCH, SQUARE D CAT. NO. H221NRB.
 - (4) #6 BARE COPPER GROUND WIRE.
 - (5) 2" RIGID STEEL CONDUIT COUPLING. SEE NOTE 5.
 - (6) 2" FRANGIBLE COUPLING
 - (7) 2" EMT CONDUIT
 - (8) UNISTRUT 3000 SERIES CHANNEL
 - (9) 2" GALVANIZED RIGID STEEL CONDUIT, AFTER GROUNDING BUSHING TRANSITION TO PVC CONDUIT
 - (10) GROUNDING BUSHING
 - (11) THREE 1/C #1, 600V TYPE U.S.E. POWER CABLES AND 1-#6 BARE COPPER GUARD WIRE PER SHEET 2 OF 7.
 - (12) GALV. THREADED FLOOR FLANGE WITH MIN. 4 ANCHORS EACH (3 REOD.).
 - (13) 3/4" X 10' COPPERCLAD GROUND ROD WITH CONDUCTORS CONNECTED PER PARAGRAPH 16A.4C OF SPECIFICATION FAA-GL-918D. GROUND RODS ARE SPACED A MINIMUM OF 10' APART.
 - (14) 1" SEAL TIGHT
 - (15) NOT USED
 - (16) NOT USED
 - (17) FOUR 6 PR#19 SH CONTROL CABLES IN 2" C, 4-#6 GREEN GND AND 8-1/C #8 POWER CABLES IN 2" C, AND 1-#6 COPPER GUARD WIRE PER SECTION "B", DWG GL-D-2795-7-6.
 - (18) NOT USED
 - (19) NOT USED
 - (20) #2 GROUNDING ELECTRODE.
 - (21) THOMPSON NO. 660 AIR TERMINAL, THOMPSON NO 27 SWIVEL AND THOMPSON NO. 240XP-4 PIPE BRACKET, 2 PLACES
 - (22) THOMPSON NO. 32 DOWN CONDUCTOR
 - (23) THOMPSON NO. 238 PIPE CLAMP

- NOTES:**
1. CONTRACTOR WAS RESPONSIBLE FOR LOCATING AND PROTECTING UTILITIES. THE CONTRACTOR HAND-DUG THE TRENCH IN THE VICINITY OF UNDERGROUND UTILITIES. ANY DAMAGE DONE TO UTILITIES WAS REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE CONTRACT.
 2. CONTRACTOR REMOVED 6" OF TOPSOIL, COMPACT THE SUBGRADE, AND PLACED GEOTEXTILE FABRIC CONFORMING TO SECTION 2B.3 OF SPECIFICATION FAA-GL-918C OVER SUBGRADE PRIOR TO PLACING 6" COMPACTED DEPTH OF 3/4" CRUSHED ROCK OVER EXCAVATED AREA.
 3. CONCRETE WAS PLACED AND CURED IN ACCORDANCE WITH SECTION 3B.2 OF THE SPECIFICATION FAA-GL-918C (ITEM 610).
 4. FOR WIRING DIAGRAM, SEE DWG GL-D-2795-7-4.
 5. TOPS OF COUPLINGS (5) AND PVC CONDUITS FOR THOMPSON DOWN CONDUCTORS ARE NO MORE THAN 1/4" ABOVE FOUNDATION TOP.

* FURNISHED BY FAA AND INSTALL BY THE CONTRACTOR. ALL OTHER ITEMS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.



IL. CONTRACT: DU077
 IL. LETTING ITEM: 3A
 IL. PROJECT: DPA-3769
 A.I.P. PROJECT: 3-17-0017-822

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
 INSTALL RUNWAY 28 PAPI AND RELOCATE REIL LIGHTS
 POWER AND CONTROL INSTALLATION
 PAPI - RUNWAY 28

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DPA
 DuPage Airport

DESIGN BY:	DLP
DRAWN BY:	JRO
CHECKED BY:	JRL
APPROVED BY:	DLP
DATE:	MARCH 7, 2008
JOB No:	07257-04

GL-D-2795-7-3
 SHEET 6 OF 10 SHEETS