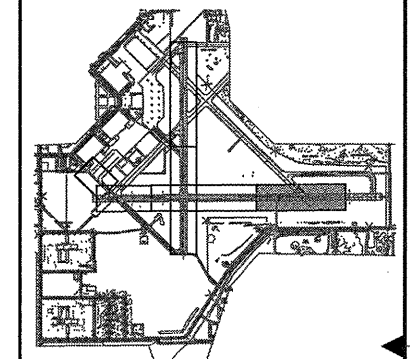


no.	date	by	ckd	description
0	04/25/08	BJQ	MAR	ISSUED FOR BID

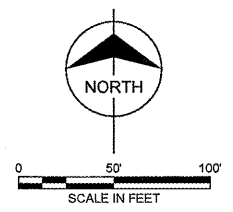
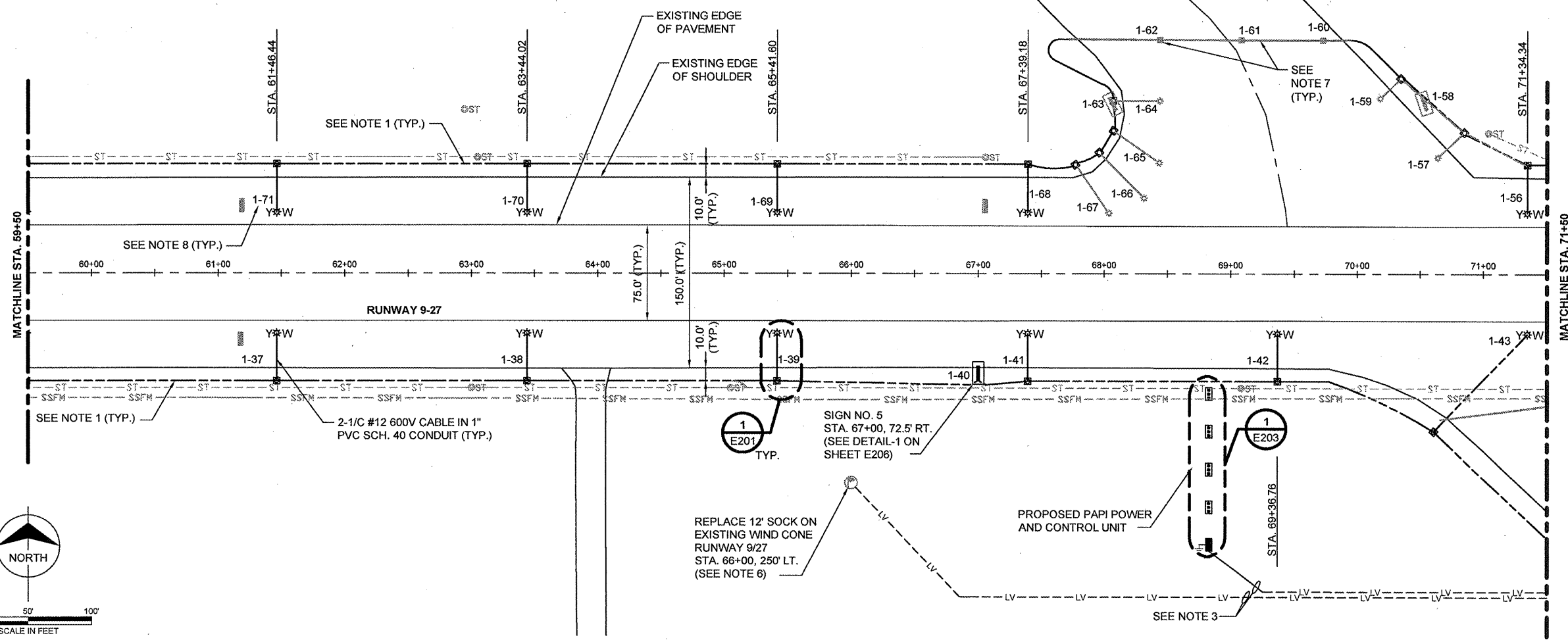


date	02/13/08	detailed	L. TUCKER
designed	B. QUINLAN	checked	A. RAHMAN

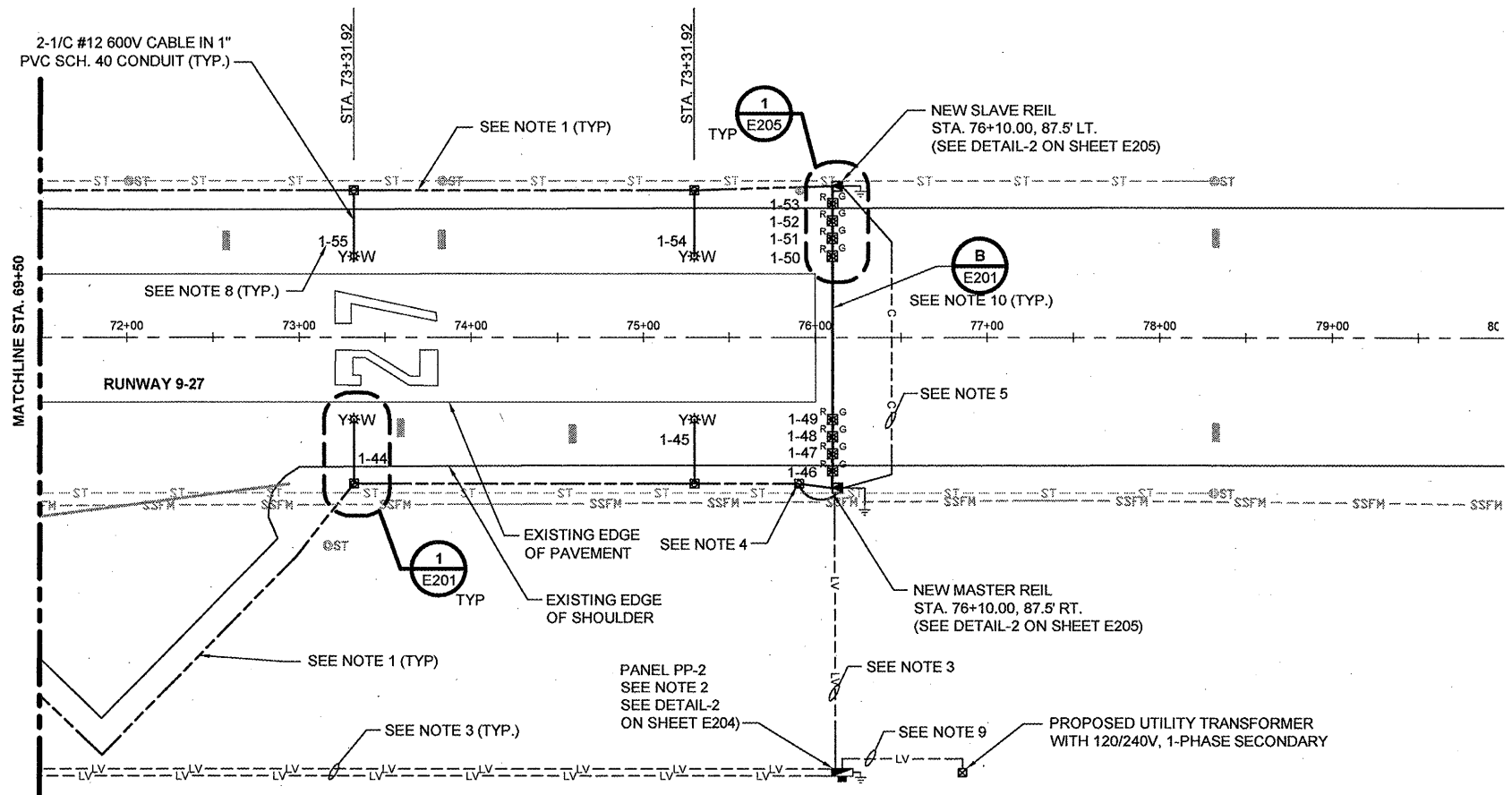
RUNWAY 9/27 LIGHTING, NAVAIDS AND SIGNAGE; RUNWAY 18/36 WIND CONES AND SIGNAGE

ELECTRICAL SITE PLAN
RUNWAY 9-27 STA. 59+50 TO 80+00

project	contract
drawing	rev.
E104	0
sheet 12 of 21 sheets	file 47463E104.DWG



- NOTES:**
- PROPOSED RUNWAY 9/27 AND TAXIWAY "E" 5KV WIRING IN 3/4" UNIT DUCT.
 - PROPOSED 120/240V, 1-PHASE POWER PANEL AND UTILITY METER. CONTRACTOR SHALL COORDINATE INSTALLATION OF NEW ELECTRIC SERVICE WITH RANTOUL PUBLIC WORKS DEPARTMENT. PROVIDE METER BASE AND GROUNDING PER UTILITY REQUIREMENTS. SEE PANEL DETAILS SHEET E304.
 - PROPOSED 2-#6 XHHW, 1-#8 GROUND (600V) IN 1" PVC CONDUIT (24" MINIMUM BURY). EXACT ROUTING TO BE FIELD COORDINATED.
 - PROPOSED SPLICE CAN WITH ISOLATION TRANSFORMER FOR MASTER REIL CURRENT SENSING OPTION.
 - PROPOSED MASTER-SLAVE REIL CONTROL WIRING IN 2" PVC CONDUIT. WIRING REQUIREMENTS SHALL BE COORDINATED WITH MANUFACTURER. EXACT ROUTING TO BE FIELD COORDINATED. REPAIR CONDUIT TRENCH TO MATCH EXISTING CONDITIONS.
 - CONTRACTOR SHALL TIE PROPOSED 120V SERVICE TO EXISTING DISCONNECT AT REIL.
 - REMOVE EXISTING RUNWAY 9/27 AND TAXIWAY "E" WIRING IN EXISTING CONDUIT AND REPLACE IN KIND. PROVIDE NEW ISOLATION TRANSFORMER AND SPLICES AT EXISTING LIGHT BASES.
 - PROPOSED FIXTURE NUMBER. FIRST NUMBER INDICATES CIRCUIT NUMBER AND SECOND NUMBER INDICATES FIXTURE NUMBER. CONTRACTOR SHALL PROVIDE NEW ID TAGS FOR ALL LIGHTS AND SIGNS ON RUNWAY 9/27 AND TAXIWAY "E" CIRCUIT.
 - PROPOSED 3-#3 XHHW, 1-#8 GROUND IN 1 1/2" GRSC (SERVICE ENTRANCE).
 - PROPOSED 2" PVC CONDUIT, CONCRETE ENCASED. RUN PROPOSED RUNWAY 9/27 AND TAXIWAY "E" WIRING IN 2" PVC CONDUIT.
 - COUNTERPOISE WIRING, GROUND RODS AND SAFETY (EQUIPMENT) GROUNDING SHALL BE PROVIDED AS DETAILED ON THE ELECTRICAL DETAIL SHEETS. GROUNDING/COUNTERPOISE SYSTEM NOT SHOWN ON PLAN SHEETS FOR SAKE OF CLARITY.



COPYRIGHT © 2008 BURNS & MCDONNELL ENGINEERING COMPANY, INC.