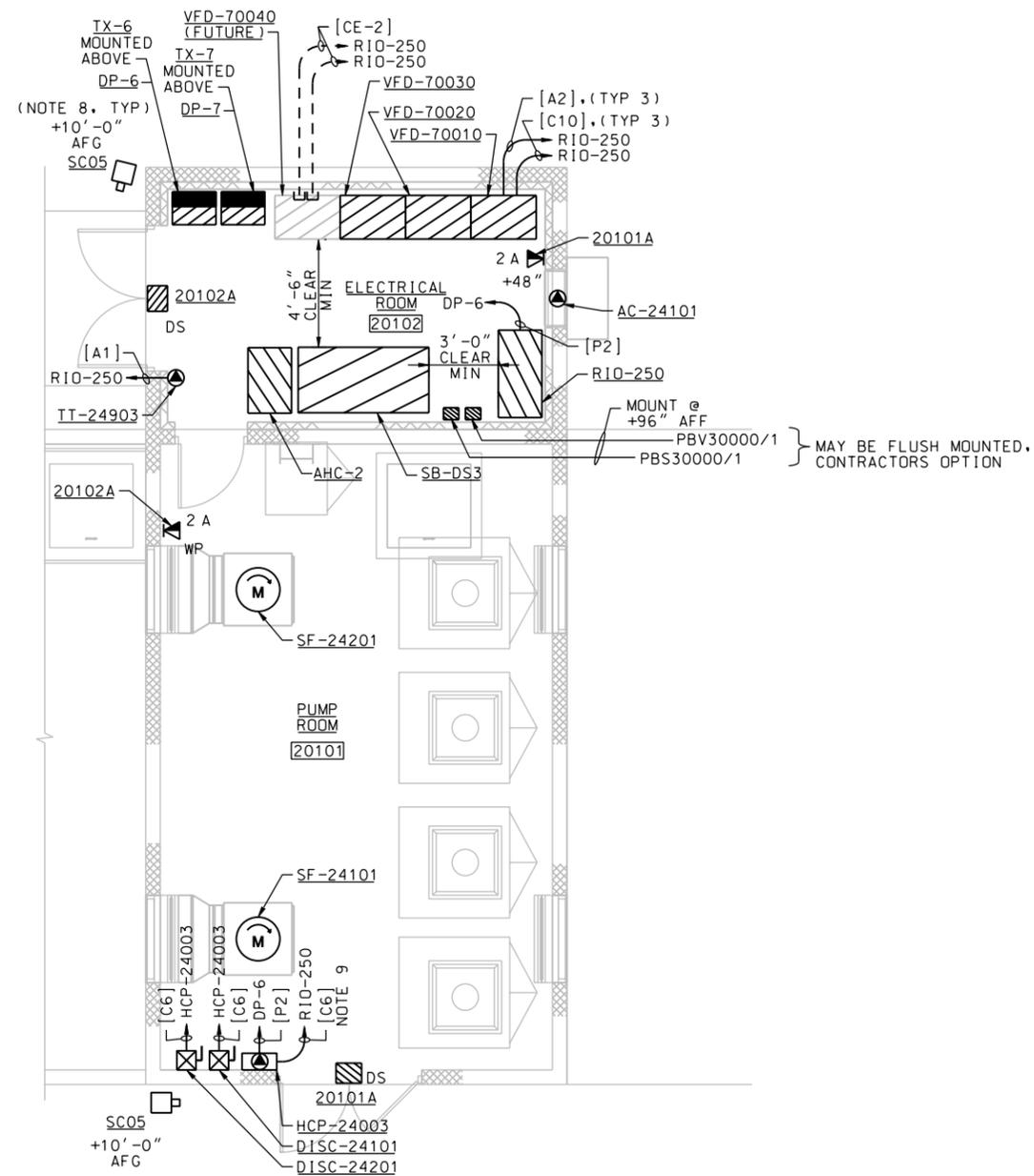


**LIGHTING PLAN**  $\frac{1}{4}''=1'-0''$

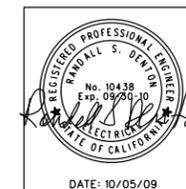
**NOTES:**

1. FURNISH, INSTALL AND CONNECT THE QUANTITY OF CONDUCTORS IN CONDUIT AS REQUIRED FOR THE COMBINATIONS OF LIGHTS AND LIGHT SWITCHES ASSIGNED TO THE BRANCH CIRCUITS SHOWN ON PANEL SCHEDULE DP-7.
2. FURNISH, INSTALL NO. 12 AWG WIRE WITH NO.12 AWG GROUND IN 3/4" CONDUIT FOR CIRCUIT LENGTHS LESS THAN 75 FEET. PROVIDE NO. 10 AWG WIRE SIZE FOR LENGTHS GREATER THAN 75 FEET.
3. FOR LUMINAIRE SCHEDULE AND LUMINAIRE NOTES, SEE DWG E-11 AND E-12.
4. FURNISH, INSTALL AND CONNECT THE QUANTITY OF CONDUCTORS IN CONDUIT AS REQUIRED FOR THE RECEPTACLES AND EQUIPMENT CONNECTIONS ASSIGNED TO THE BRANCH CIRCUITS SHOWN.
5. SWITCH ONLY.
6. CIRCUIT NUMBERS ARE SHOWN ADJACENT TO RECEPTACLES. FOR EXAMPLE THE DP6-19 INDICATES CIRCUIT NO. 19 IN PANEL DP-6.
7. COMMUNICATION/DATA SYSTEM OUTLETS HAVE A ROOM NUMBER FOLLOWED BY LETTER DESIGNATION. SEE DRAWING E-10 FOR COMPLETE RISER DIAGRAM.
8. MOUNT TRANSFORMER AND PANELBOARD AS PER STANDARD DETAIL 2622-004 AND 2622-005 INSTALL TRANSFORMER PER MANUFACTURER'S REQUIREMENTS. THE SUPPORTS SHALL BE CAPABLE OF HOLDING THE TRANSFORMER WEIGHT AND SHALL MEET SEISMIC REQUIREMENTS. SUBMIT ANCHORAGE CALCULATIONS.



**PROCESS POWER PLAN**  $\frac{1}{4}''=1'-0''$

9. INCLUDES TWO ADDITIONAL SPARE DISCRETE SIGNALS. PROVIDE 5'-0" COIL IN BOTH CONTROL PANELS AND IDENTIFY AS "SPARES".
10. CONTRACTOR SHALL PROVIDE CIRCUITING BETWEEN THE ELECTRICAL EQUIPMENT AS SHOWN ON THE SINGLE LINE DIAGRAMS DRAWING E-3. CONDUIT ROUTING BETWEEN ELECTRICAL EQUIPMENT SHALL BE BELOW GRADE. AT CONTRACTOR'S OPTION, THE CONTRACTOR MAY PROPOSE USING SUSPENDED CABLE TRAY FOR THE PORTION OF BELOW GRADE CONDUITOR AND CONDUIT ROUTINGS.
11. SEE DRAWING E-1 SITE PLAN AND E-16 DUCT BANK RACEWAY SCHEDULE FOR DUCTBANK ROUTING AND INTERCONNECTION.
12. EACH TYPE "12" LIGHTING FIXTURE IS CONTROLLED BY ITS ADJACENT SENSOR TYPE "OC3". SENSOR TYPE "OC3" IS MOUNTED AT THE SAME HEIGHT AS TYPE "12" LIGHTING FIXTURE.
13. WIRING AND CONDUITS BETWEEN HCP-24003 AND HVAC CONTROL DEVICES ARE BY OTHERS.
14. SEE DRAWING E-8 FIRE SYSTEM RISER DIAGRAM FOR INTERCONNECTION REQUIREMENTS.



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DRAWN BY: J. HANMER					
CHECKED BY: R. DENTON					
U.S. ARMY ENGINEER DISTRICT LOS ANGELES CORPS OF ENGINEERS					
ART. JUNG, P.E. CHIEF, DESIGN BRANCH					
SUBMITTED BY:					
L.A. DISTRICT FILE NO. XXX-XXXX					
SPEC. NO. : NOT APPLICABLE					
CADD FILE NAME: PDF.e102d.dgn					
EASTERN MUNICIPAL WATER DISTRICT PERRIS II DESALINATION FACILITY PERRIS, CALIFORNIA <b>FINISHED WATER PUMP STATION                  ELECTRICAL ROOM PLAN</b>					