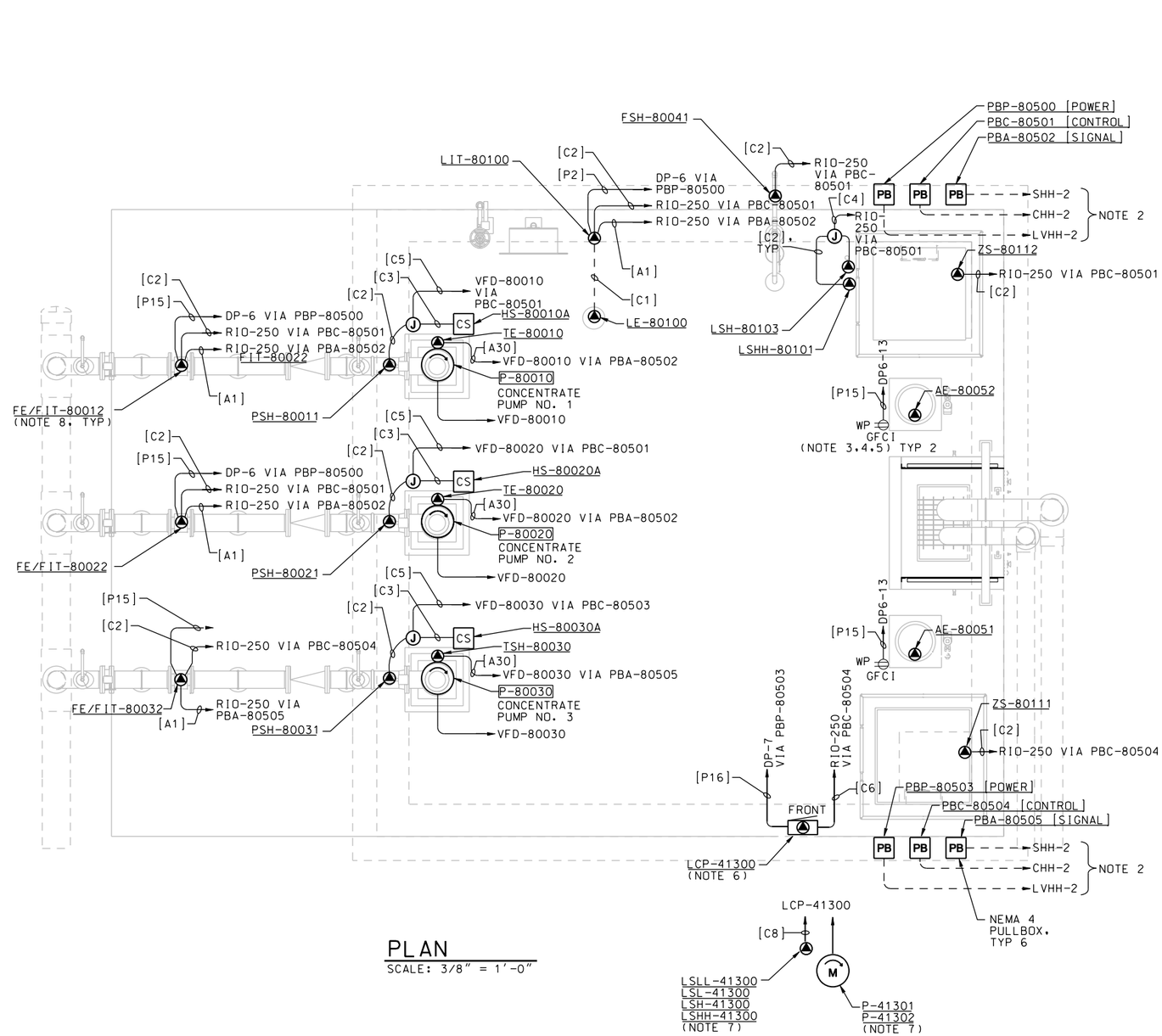

PLAN

SCALE: 3/8" = 1'-0"

NOTES:

1. SEE SPECIFICATION 26 00 00.0020 BASIC ELECTRICAL MATERIALS AND METHODS FOR COMBINING CIRCUITS INTO COMMON RACEWAY. CONDUITS SHALL BE INSTALLED IN CONCRETE SLAB OR BELOW GRADE. CONTRACTOR MAY COMBINE CONTROL OR SIGNAL CIRCUITS IN RESPECTIVE COLLECTOR CONDUITS FOR INSTRUMENTS GROUPED IN AN AREA TO THE FINAL HOME RUN DESTINATION.
2. FOR CONTINUATION, SEE DWG E-1 SITE PLAN AND DWG E-16 DUCT BANK RACEWAY SCHEDULE.
3. CIRCUIT NUMBERS ARE SHOWN ADJACENT TO RECEPTACLES. EXAMPLE THE DP6-13 INDICATES CIRCUIT NO. 13 IN PANEL DP-6.
4. CIRCUIT NUMBERS ARE SHOWN ADJACENT TO RECEPTACLES. FURNISH, INSTALL, AND CONNECT THE QUANTITY OF CONDUCTORS IN CONDUIT AS REQUIRED FOR THE RECEPTACLES AND EQUIPMENT CONNECTIONS ASSIGNED TO THE BRANCH CIRCUITS SHOWN. ROUTE THE CIRCUIT CONDUCTORS TO PANEL DP-6 VIA POWER PULLBOX "PBP-80500".
5. INSTALL PER STANDARD DETAIL 2605-011b.
6. INSTALL PER STANDARD DETAIL 2605-008b.
7. SPLICE CABLES TO MSC FOR SUMP PUMPS P-41301 AND P-41302 AND ASSOCIATED LEVEL SWITCHES.
8. PROVIDE A WEATHER-PROOF RATED TOGGLE SWITCH, WITH INTEGRAL PADLOCK HASP, TO DISCONNECT POWER TO THE FLOW METER. TYPICAL. INSTALL PER STANDARD DETAIL 2605-011b.
9. PROVIDE A WEATHER-PROOF RATED TOGGLE SWITCH, WITH INTEGRAL PADLOCK HASP, TO DISCONNECT POWER TO THE LEVEL TRANSMITTER. INSTALL PER STANDARD DETAIL 2605-011b.
10. CONTRACTOR SHALL MANTAIN A MINIMUM CLEARANCE OF 1-INCH BETWEEN THE CONCRETE SLAB AND ANY EXPOSED CONDUITS RUNNING HORIZONTALLY TO THE CONCENTRATE PUMPS.

SYMBOL	DESCRIPTIONS	DATE	APPROVAL

REVISIONS

EASTERN MUNICIPAL WATER DISTRICT
PERRIS II DESALINATION FACILITY
PERRIS, CALIFORNIA

CONCENTRATE PUMP STATION PLAN

DESIGNED BY: A MATHEWS
DRAWN BY: J HAMNER
CHECKED BY: R DENTON

CADD FILE NAME: PDFe107d.dgn

CH2MHILL

SUBMITTED BY: ART JUNG, P.E. CHIEF, DESIGN BRANCH

SPEC. NO.: NOT APPLICABLE

L.A. DISTRICT FILE NO. XXX-XXXX

REGISTERED PROFESSIONAL ENGINEER RANDALL S. DENTON No. 10438 Exp. 09/30/10 ELECTRICAL STATE OF CALIFORNIA

DATE: 10/05/09

E-28

SHEET 173 OF 226 SHEETS

NDM-SCO:EMWD USACE PERRIS II/ PDFe107d.dgn PLOT DATE: 2/19/2010 PLOT TIME: 11:10:03 AM