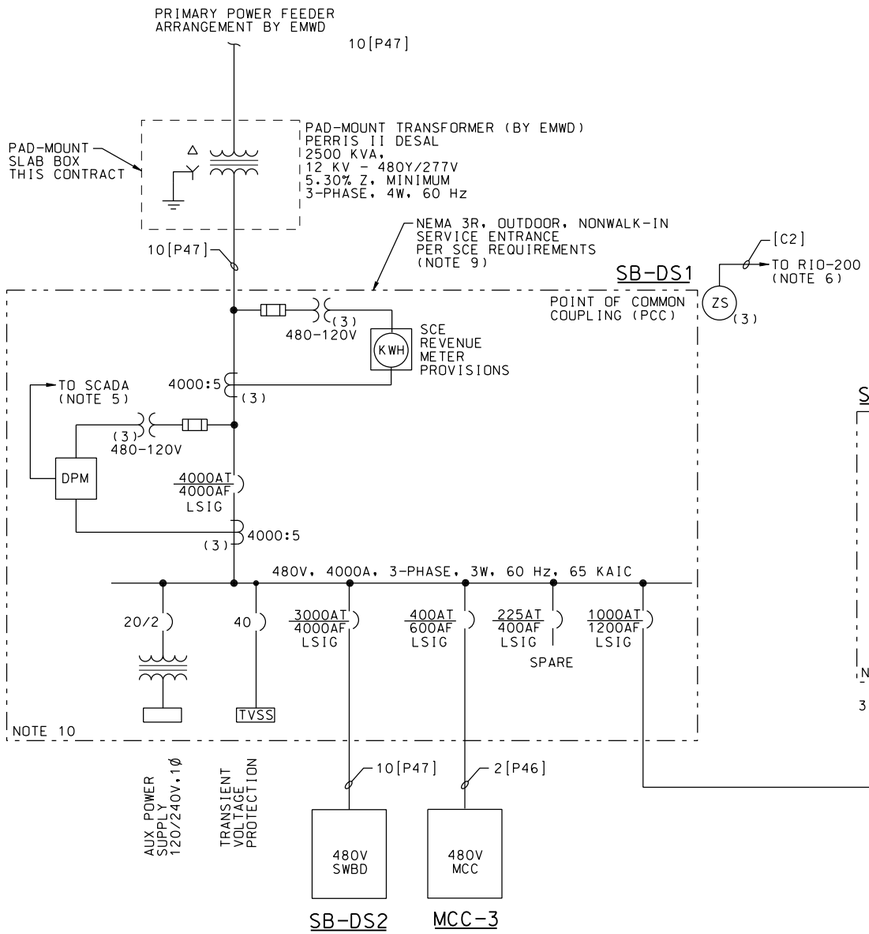
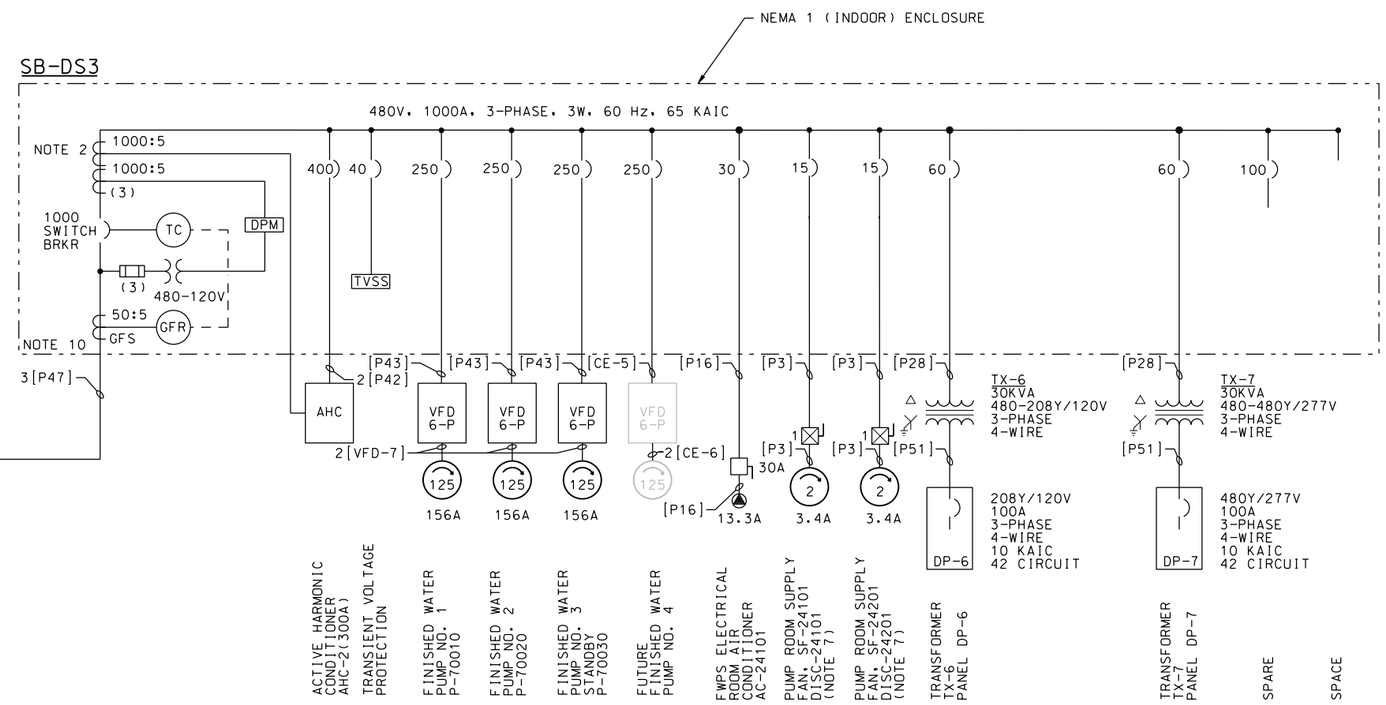
NOTES:

1. FOR CLARITY FACILITY NUMBER IS NOT INCLUDED WITH TAGS ON ELECTRICAL EQUIPMENT .ADD FACILITY NUMBER "D0010" TO ALL NUMBERS.
2. SPECIAL SPLIT CORE CURRENT TRANSFORMER FOR ACTIVE HARMONIC CONDITIONER WILL BE SUPPLIED BY AHC MANUFACTURER AND INSTALLED ON SWITCHBOARD BUS. COORDINATE CT REQUIREMENTS AND CONNECTIONS TO AHC WITH SUPPLIER OF AHC.
3. FOR EQUIPMENT SHOWN AS FUTURE, PROVIDE CONDUITS STUBBED AND CAPPED AT EQUIPMENT LOCATIONS SHOWN AND AT HOMERUN DESTINATION SHOWN.
4. SOLID LINES INDICATE NEW EQUIPMENT INSTALLATION. SCREEN LINES INDICATE FUTURE EQUIPMENT.
5. CONNECT ALL DPM'S WITH RS-485 CABLING IN A DAISY CHAIN STARTING AT SB-DS1 THEN TO SB-DS2, ETC. TERMINATE CABLE AT RIO-200.
6. EXTERIOR DOOR POSITION SWITCH ON EACH DOOR. SEE DRAWING E-1 AND E-16 FOR DETAILS. CONTRACTOR SHALL COMBINE CONTROL CONDUCTORS FROM EACH DOOR SWITCH INTO A SINGLE 1" CONDUIT TO RIO-200. DOOR SWITCH SHALL BE GE-SR1078 OR SIMILAR.
7. SEE DRAWING E-36 FOR ADDITIONAL WIRING REQUIREMENTS.
8. "6-P" INDICATES 6-PULSE VFD.
9. SWITCHBOARD SB-DS1 AND METER SHALL MEET THE REQUIREMENTS OF ELECTRIC UTILITY SERVICE EQUIPMENT REQUIREMENTS COMMITTEE (EUSERC) AND ELECTRICAL SERVICE REQUIREMENTS (ESR) BY SCE. FOR ADDITIONAL INFORMATION SEE WWW.SCE.COM
10. MAIN AND FEEDER BREAKERS RATED 200 AMPERES AND ABOVE ARE 100% RATED.



PERRIS II SERVICE ENTRANCE
ONE-LINE DIAGRAM



FINISHED WATER PUMP STATION
ONE-LINE DIAGRAM

SYMBOL	DESCRIPTIONS	DATE	APPROVAL

REVISIONS

EASTERN MUNICIPAL WATER DISTRICT
PERRIS II DESALINATION FACILITY
PERRIS, CALIFORNIA

FACILITY ONE LINE DIAGRAM

U.S. ARMY ENGINEER DISTRICT
LOS ANGELES
CORPS OF ENGINEERS

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

CADD FILE NAME: PDFe601d.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-3

SHEET 148 OF 226 SHEETS

PLOT DATE: 2/19/2010 PLOT TIME:11:06:57 AM

NDM-SCO:EMWD USACE PERRIS II/ PDFe601d.dgn