NOTES:

1. SEE SPECIFICATION 26 00 00.00 20 BASIC ELECTRICAL MATERIALS AND METHODS FOR COMBINING CIRCUITS INTO COMMON RACEWAY. ALL CONDUITS ARE TO BE INSTALLED BELOW GRADE. CONTRACTOR SHALL ROUTE THE CONDUITS IN AREAS INDICATED AS 'CONCEALED CONDUIT ROUTING AREA'. CONTRACTOR MAY COMBINE CONTROL OR SIGNAL CIRCUITS IN RESPECTIVE COLLECTOR CONDUITS FOR INSTRUMENTS GROUPED IN AN AREA TO THE FINAL HOME RUN DESTINATION.

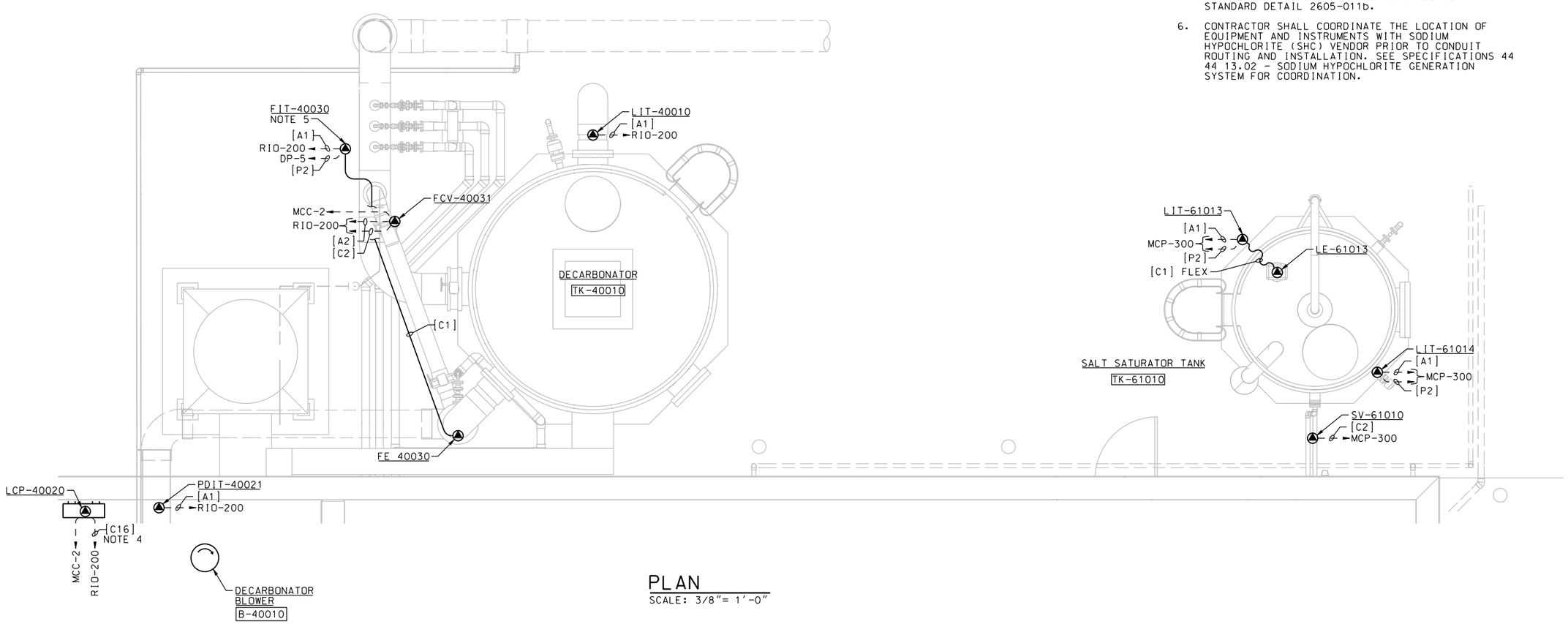
2. CONTRACTOR SHALL PROVIDE CIRCUITING BETWEEN THE ELECTRICAL EQUIPMENT AS SHOWN ON THE SINGLE LINE DIAGRAM DRAWINGS E-5 AND E-6. CONDUIT ROUTING BETWEEN ELECTRICAL EQUIPMENT SHALL BE BELOW GRADE.

3. CONTRACTOR SHALL COORDINATE THE LOCATION OF EQUIPMENT AND INSTRUMENTS WITH DECARBONATOR VENDOR PRIOR TO CONDUIT ROUTING AND INSTALLATION. SEE SPECIFICATIONS 44 44 13.15 - DECARBONATOR TOWER SYSTEM - GENERAL FOR COORDINATION.

4. INCLUDES 4 ADDITIONAL SPARE DISCRETE CIRCUITS. PROVIDE 5'-0" COIL IN BOTH CONTROL PANELS AND IDENTIFY AS "SPARES".

5. 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.

6. CONTRACTOR SHALL COORDINATE THE LOCATION OF EQUIPMENT AND INSTRUMENTS WITH SODIUM HYPOCHLORITE (SHC) VENDOR PRIOR TO CONDUIT ROUTING AND INSTALLATION. SEE SPECIFICATIONS 44 44 13.02 - SODIUM HYPOCHLORITE GENERATION SYSTEM FOR COORDINATION.



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

SYMBOL	DESCRIPTIONS	DATE	APPROVAL

REVISIONS

EASTERN MUNICIPAL WATER DISTRICT
PERRIS II DESALINATION FACILITY
PERRIS, CALIFORNIA

DECARBONATOR PLAN

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

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

CADD FILE NAME: PDFe121d.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-23

SHEET 168 OF 226 SHEETS

PLOT DATE: 2/19/2010 PLOT TIME: 11:09:31 AM
NDM-SCO:EMWD USACE PERRIS II/ PDFe121d.dgn