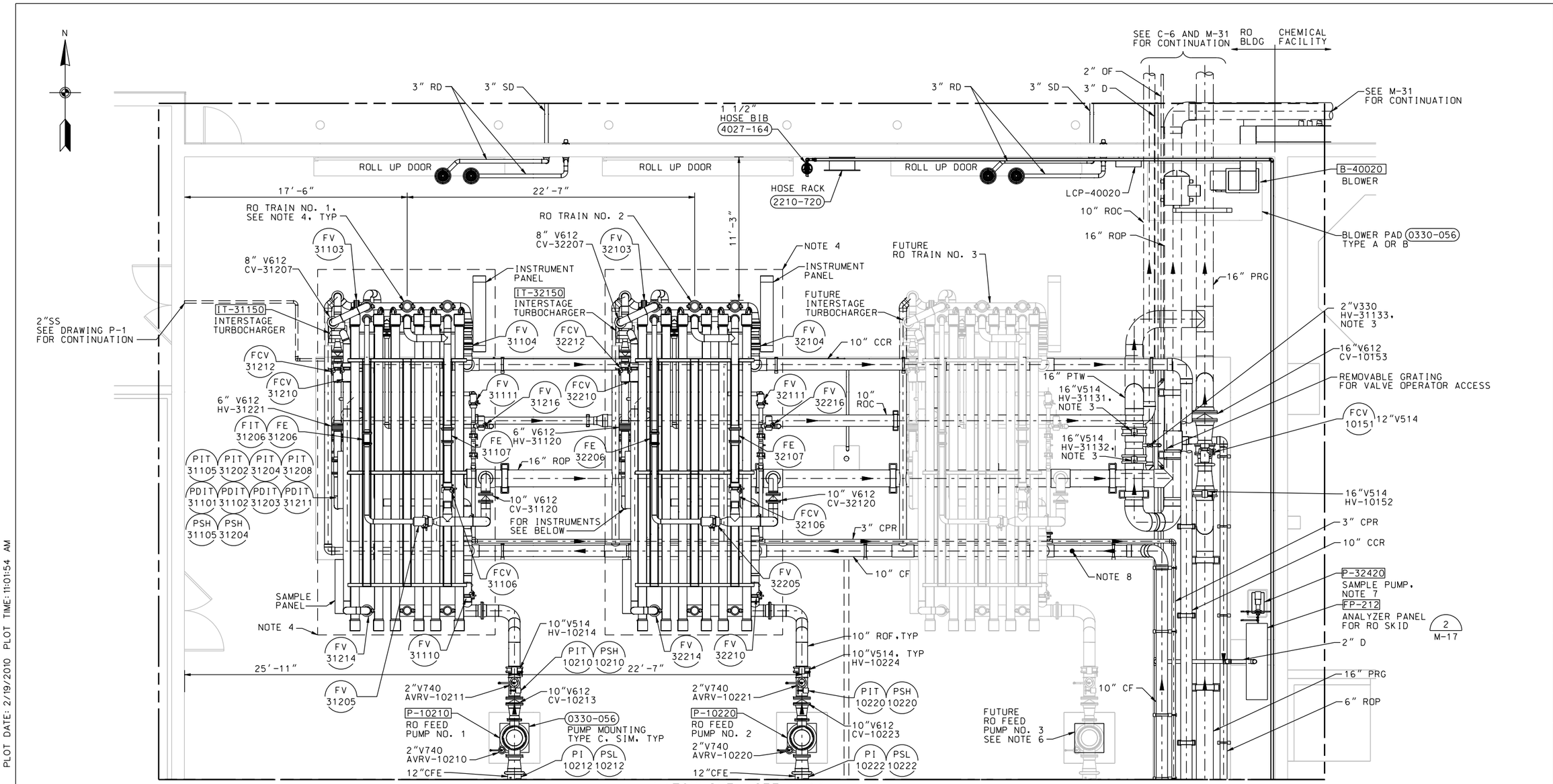
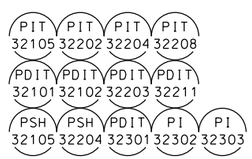


NOTES:

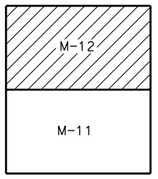
1. SEE DWG M-20 FOR ROUTING OF SAMPLE LINES.
2. PIPE SUPPORT TO SPAN ACROSS PIPE TRENCH MINUS 3" MINIMUM FROM WALLS TO ALLOW FOR DRAINAGE. MINIMUM HEIGHT OF CONCRETE PIPE SUPPORT TO BE 3". CONTRACTOR TO ENSURE ALL PIPING COMPONENTS SHALL CLEAR BOTTOM OF TRENCH BY 3" MINIMUM AND ADJUST HEIGHT OF CONCRETE SUPPORT AS NEEDED.
3. VALVES TO BE EQUIPPED WITH 2" AWWA SQ NUTS
4. ROEM PACKAGE SYSTEM, RO SKID LAYOUT IS CONCEPTUAL ONLY. CONTRACTOR TO COORDINATE WITH ROEM FOR ACTUAL LAYOUT AND PIPING CONNECTIONS.
5. FOULING PRE-WARNING MEMBRANE SYSTEMS ARE NOT SHOWN FOR CLARITY. REFER TO I-7 AND SPECIFICATIONS FOR DETAILS. TYPICAL FOR ALL (3) RO TRAINS.
6. PUMP NO. 3 CAN TO BE PROVIDED AND INSTALLED WITH AL COVER PLATE IN THIS PHASE.

PARTIAL PLAN 1 (M-10)
1/4"=1'-0"

7. SEE SPECIFICATION 433269 FOR SAMPLE PUMP REQUIREMENTS.
8. PROVIDE 2" PVC DRAIN VALVE AT BOTTOM OF PIPE, WITH AWWA 2" SQ NUT OPERATOR. DRAIN VALVE SHALL BE INSTALLED HORIZONTALLY AND SUPPORTED SUCH THAT THE VALVE CAN BE OPENED OR CLOSED FROM THE FLOOR LEVEL. CUT GRATING DIRECTLY ABOVE THE VALVE FOR 2" SQ AWWA VALVE "T" HANDLE OPERATOR.



SKID #2 INSTRUMENTS



KEY PLAN

REGISTERED PROFESSIONAL ENGINEER SINGSHAN WANG No. M032378 Exp. 06-30-11 MECHANICAL STATE OF CALIFORNIA

DATE: 10/05/09

SYMBOL	DESCRIPTIONS	DATE	APPROVAL

REVISIONS

EASTERN MUNICIPAL WATER DISTRICT
PERRIS II DESALINATION FACILITY
PERRIS, CALIFORNIA

RO BUILDING AREA
PARTIAL PLAN 2

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

DESIGNED BY: Q WANG
DRAWN BY: J WILCOX
CHECKED BY: A NAMEY

CH2MHILL

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

CADD FILE NAME: PDFm102d.dgn

SPEC. NO.: NOT APPLICABLE

L.A. DISTRICT FILE NO. XXX-XXXX

M-12

SHEET 98 OF 226 SHEETS

PLOT DATE: 2/19/2010 PLOT TIME: 11:01:54 AM

NDM-SCO:EMWD USACE PERRIS II/ PDFm102d.dgn