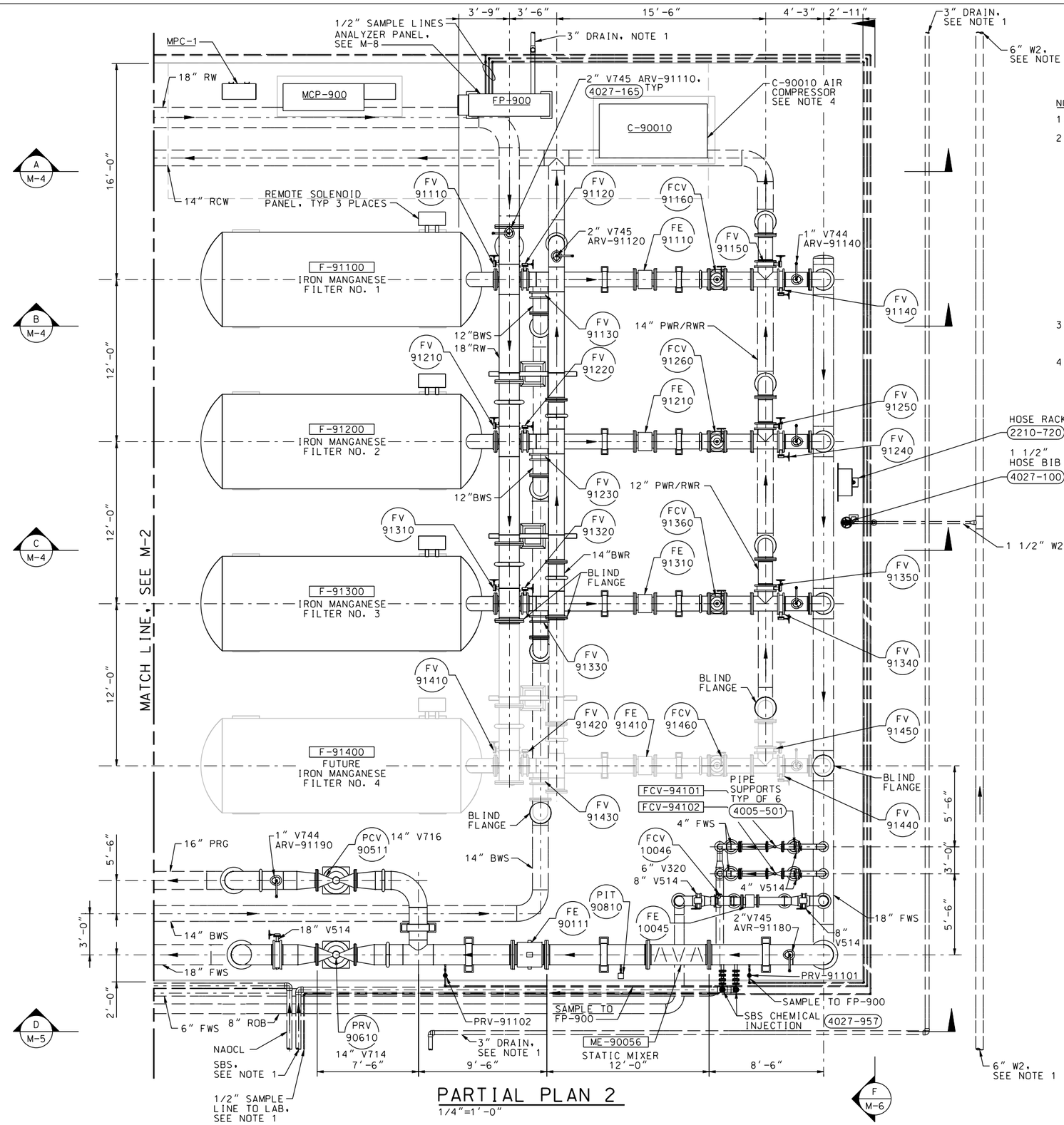


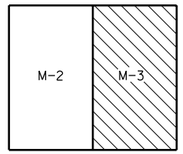
PARTIAL PLAN 2

1/4"=1'-0"

NOTES:

1. SEE DWG C-6 YARD PIPING PLAN FOR CONTINUATION.
2. THE FOLLOWING VALVES AND FLOWMETERS ARE SUPPLIED BY FE/MN SYSTEM SUPPLIER:
   FV-91110, FV-91210, FV-91310
   FV-91120, FV-91220, FV-91320
   FV-91130, FV-91230, FV-91330
   FV-91140, FV-91240, FV-91340
   FCV-91160, FV-91150, FV-91205, FV-91350
   FCV-91260
   FCV-91360
   FCV-94101
   FCV-94102
   FCV-94140
   FE/FIT-91110
   FE/FIT-91210
   FE/FIT-91310
   FE/FIT-94130
   FE/FIT-95112
   FE/FIT-95122
   FE/FIT-95132
3. ALL PIPING BELOW SLAB SHALL BE CONCRETE ENCASED PER STANDARD DETAILS 0330-016, 0330-017 AND 0330-018 AS REQUIRED.
4. THE CONTRACTOR SHALL BE REQUIRED TO SIZE, FURNISH, AND INSTALL ALL COMPRESSED AIR PIPING AND TUBING ASSOCIATED WITH THE IRON MANGANESE REMOVAL SYSTEM. THE CONTRACTOR SHALL COORDINATE FIELD ROUTING REQUIREMENTS ASSOCIATED WITH ALL INSTRUMENTS, SOLENOID VALVES, AND VALVE PNEUMATIC CYLINDER ACTUATOR LOCATIONS WITH THE IRON MANGANESE SYSTEM SUPPLIER. ALL AIR PIPING SHALL BE ROUTED ABOVE THE SLAB AND SHALL BE FULLY ACCESSIBLE. CONTRACTOR SHALL BE REQUIRED TO FURNISH AND INSTALL ALL COMPRESSED AIR PIPING AND TUBING SUPPORTS.THE CONTRACTOR SHALL MAKE PROVISIONS FOR FUTURE CONNECTIONS TO FILTER NO. 4. MATERIALS OF CONSTRUCTION FOR THE AIR PIPING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS FOR INSTRUMENT AIR AS SHOWN ON THE PIPING SCHEDULE. PIPING TEST PRESSURES SHALL BE A MINIMUM OF 1.5 X THE MAXIMUM PRESSURE GENERATED BY THE AIR COMPRESSOR OR 1.5 TIMES THE AIR RECEIVER PRESSURE RATING, WHICHEVER IS GREATER.

N



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

FE/MN REMOVAL SYSTEM
PARTIAL PLAN 2

DESIGNED BY: A NAMEY
DRAWN BY: J WILCOX
CHECKED BY: C QUAN

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

CH2MHILL

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

CADD FILE NAME: PDFm110d.dgn

SPEC. NO.: NOT APPLICABLE

L.A. DISTRICT FILE NO. XXX-XXXX

M-3

SHEET 89 OF 226 SHEETS

NDM-SCO:EMWD USACE PERRIS II/ PDFm110d.dgn PLOT DATE: 2/19/2010 PLOT TIME: 11:01:04 AM