TEMPORARY REDUCTION COAGULATION FILTRATION (RCF) - CHROMIUM REMOVAL DEMONSTRATION FACILITY

"A Feature of the U.S. Environmental Protection Agency's Glendale Operable Unit"

FINAL 100% DESIGN
LOCATED AT 800 FLOWER STREET
GLENDALE, CALIFORNIA
MAY 2009

DESIGNED BY:

AECOM

REVISES:

AECOM

LOCATION MAP AND INDEX

1. LOCATION MAP AND INDEX
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MADE SEPARATELY

AECOM

CITY OF GLENDALE WATER AND POWER

PLANT NO. G-01

SPORTS\&RECREATION PARKS DEPT.

HUGO H. GOMES, DIRECTOR OF ENGINEERING

REVISED TO CONFORM TO CONSTRUCTION ACCORDING TO CONTRACTOR

MAY 2009
INSTRUMENT TERMINOLOGY

INSTRUMENT OR FUNCTION SYMBOLS

SECTION AND DETAILS IDENTIFICATION SYSTEM

MECHANICAL AND PID LEGEND

GENERAL ABBREVIATIONS

BENCHMARK INFORMATION

NOTES:
1. ALL TANK DATA SHOWN, SYMBOLS EMPLOYED ON MECHANICAL, MEPA, AND P&ID IS AS SHOWN IN 1/2" IN. SCALE
2. SYMBOLS FOR UNITS OF WEIGHT, LENGTH, TIME, TEMPERATURE AND QUANTITY ARE AS SHOWN IN 1/2" IN. SCALE. UNLESS NOTED OTHERWISE, ALL UNITS ARE BASED UPON ENGLISH SYSTEM OF MEASUREMENT.
TANK / EQUIPMENT PAD NOTES

1. A minimum pad size shall be as indicated or shown on the drawings or as determined by the equipment manufacturer, whichever is greater.
2. The size, number, type, location, and thread projection of the anchor bolts shall be determined by the equipment manufacturer. Hold concrete anchor bolts in position with a template while pad is being placed.
3. Use pipe sleeves to provide the anchor bolt a minimum embedment of 1/2" in all directions. The minimum sleeve length shall be 9 times the bolt diameter. Sleeves shall be filled with non-shrink mortar.
4. Pipe sleeves shall have a minimum internal diameter 1" greater than the anchor bolt diameter and a maximum external diameter 1" greater than anchor bolt diameter.
5. Equipment bases shall be installed level unless noted otherwise.

CONSTRUCTION JOINT - WALL TO WALL

SCALE: NOT TO SCALE

CONCRETE CRACK REPAIR

SCALE: NOT TO SCALE

TANK / EQUIPMENT PAD NOTES
MCC & MCP PAD

GROUND WELL DETAIL

1/2" CHAMFER ALL AROUND

#4 @ 12" ON CENTER

11" x 11" x 12" DEEP PRECAST CONCRETE FOUNDATION CONCRETE COVER UNLESS "GROUND"

FINISH GRADE
GROUND CONNECTOR
GRANULATED BEEF PEELED SPECKLES
GROUND WIRE
CONDUIT & WIRE PER PLANS

NOTES:

1. COATING SYSTEM APPLY THREE OR MORE COATS OF AMERICO ACO "THORNE" 100, QUNOL SEV-86615 224,."SHERWIN WILLIAMS WATERPROOF 808-2100, OR EQUAL TO MEET TOTAL

MAXIMUM THICKNESS OF AN INDIVIDUAL COATING SHALL NOT EXCEED THE MANUFACTURER'S RECOMMENDATION

EQUIPMENT MOUNTING DETAIL
NOT TO SCALE