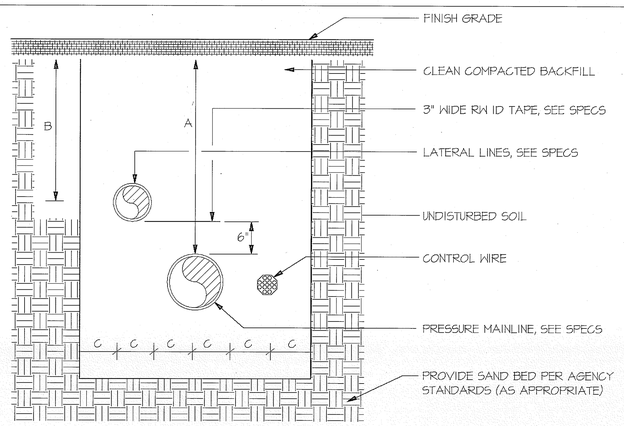
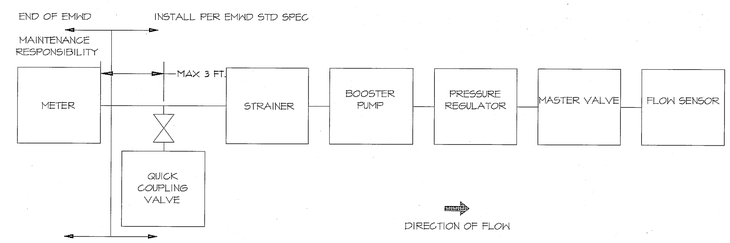


DIMENSION	A	B	C
1/2" TO 2 1/2"	18"	12"	6"
3" TO 4"	24"		6"
6"	36"		6"

SAMPLE IRRIGATION DETAIL

TRENCH DETAIL

D TRENCH DETAIL — NO SCALE

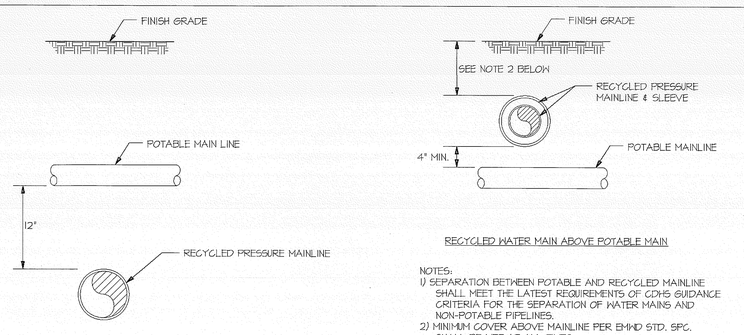


NOTES:
1) STRAINER SHALL BE AT LEAST THE SAME NOMINAL SIZE AS THE METER SIZE.
2) BACKFLOW PREVENTER SHALL BE THE SAME NOMINAL SIZE AS THE METER SIZE.
3) BACKFLOW PREVENTER REQUIRED ON USER SITES USING A FERTIGATION SYSTEM OR AS REQUIRED BY THE DISTRICT.
4) STRAINER AND BACKFLOW PREVENTER SHALL BE LOCATED ABOVE GROUND IN A PROTECTED ENCLOSURE.
5) BOOSTER PUMP IF REQUIRED NEEDS TO HAVE A LOW FLOW/PRESSURE SWITCH.

SAMPLE IRRIGATION DETAIL

REGYCLED WATER
POC SEQUENCE

A P.O.C. SEQUENCE — NO SCALE



RECYCLED WATER MAIN BELOW POTABLE MAIN

RECYCLED WATER MAIN ABOVE POTABLE MAIN

NOTES:
1) SEPARATION BETWEEN POTABLE AND RECYCLED MAIN LINE SHALL MEET THE LATEST REQUIREMENTS OF CDHS GUIDANCE CRITERIA FOR THE SEPARATION OF WATER MAINS AND NON-POTABLE PIPELINES.
2) THE MINIMUM CLEARANCE BETWEEN THE POTABLE AND RECYCLED PIPELINE IS 4". SLEEVING IS REQUIRED FOR SEPARATION LESS THAN 12".
3) SLEEVING SHALL EXTEND TEN (10) FEET EACH SIDE FROM THE CENTERLINE OF THE POTABLE LINE, FOR TOTAL LENGTH OF TWENTY (20) FEET. THE SLEEVE SHALL BE PURPLE PVC CL 200 AND TWO (2) TIMES THE DIAMETER OF THE RECYCLED MAINLINE.

NOTES:
1) SEPARATION BETWEEN POTABLE AND RECYCLED MAINLINE SHALL MEET THE LATEST REQUIREMENTS OF CDHS GUIDANCE CRITERIA FOR THE SEPARATION OF WATER MAINS AND NON-POTABLE PIPELINES.
2) MINIMUM COVER ABOVE MAINLINE PER EMWD STD. SPC. SHALL BE MET AT ALL TIMES.
3) SLEEVING IS REQUIRED AT ALL TIMES AND SHALL EXTEND TEN (10) FEET EACH SIDE FROM THE CENTERLINE OF THE POTABLE LINE, FOR A TOTAL LENGTH OF TWENTY (20) FEET. THE SLEEVE SHALL BE PURPLE PVC CL 200 AND TWO (2) TIMES THE DIAMETER OF THE RECYCLED MAINLINE.

SAMPLE IRRIGATION DETAIL

RECYCLED PIPE/
POTABLE WATER PIPE CROSSING

E RECYCLED PIPE / POTABLE WATER PIPE CROSSING — NO SCALE

EMWD Construction Note

EASTERN MUNICIPAL WATER DISTRICT REQUIRES THAT A PRE-CONSTRUCTION CONFERENCE BE SCHEDULED PRIOR TO ANY CONSTRUCTION BY CALLING THE EASTERN MUNICIPAL WATER DISTRICT FIELD ENGINEERING DEPARTMENT AT (951) 928-3777, EXTENSION 4830.

Omission Statement

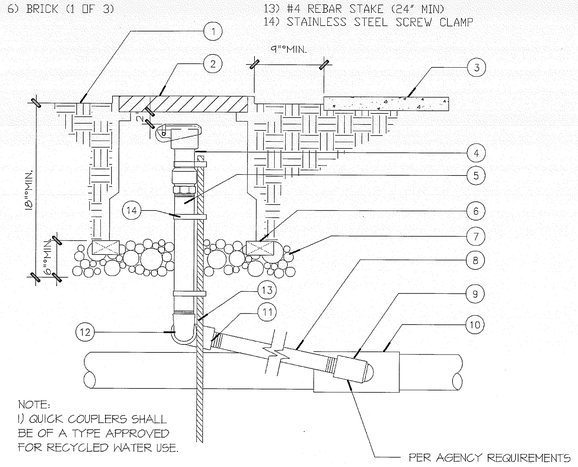
THERE ARE NO , DECORATIVE FOUNTAINS, OUTDOOR EATING AREAS, OR WELLS ON THE SITE.
DRINKING WATER FOUNTAINS, DESIGNATED OUTDOOR EATING AREAS, PLAY AREAS, RESTAURNTS & RESTROOMS SHALL BE PROTECTED AGAINST CONTACT WITH RECYCLED WATER SPRAY, MIST, OR RUN-OFF. THE POTABLE WATERLINE SUPPLYING THE DRINKING FOUNTAIN MUST HAVE A WARNING BLUE COLORED TAPE IDENTIFYING IT AS A POTABLE WATERLINE AND STATING "CAUTION: BURIED WATERLINE BELOW" INSTALLED OVER IT.

Potable and Recycled Water Separation Note

RECYCLED MAINLINE (CONSTANT PRESSURE) SHOWN DIAGRAMMATICALLY FOR CLARITY ONLY. ACTUAL LOCATION MUST PROVIDE A MINIMUM FOUR (4) FEET HORIZONTAL CLEARANCE BETWEEN ALL POTABLE AND CONSTANT PRESSURE RECYCLED WATERLINES. RECYCLED WATER MAINLINE SHOULD BE INSTALLED UNDER POTABLE WATERLINES AND MAINTAIN ONE (1) FOOT OF VERTICAL CLEARANCE. WHERE THE RECYCLED WATER CONSTANT PRESSURE LINE MUST BE INSTALLED ABOVE THE POTABLE WATERLINE, A FOUR (4) INCH MINIMUM VERTICAL CLEARANCE MUST BE MAINTAINED AND THE RECYCLED WATER PRESSURE LINE MUST BE INSTALLED IN A CONTINUOUS PVC CLASS 200 PIPE OR GREATER SLEEVE WHICH EXTENDS A MINIMUM OF TEN (10) FEET EACH SIDE OF THE POTABLE WATERLINE.

C EMWD SPECIAL NOTES — NO SCALE

LEGEND:
1) FINISH GRADE
2) PURPLE VALVE BOX
3) STRUCTURAL HARDSCAPE WHERE OCCURS
4) QUICK COUPLING VALVE WITH LOCKING PURPLE COVER AND ACME THREAD
5) BRASS NIPPLE
6) BRICK (1 OF 3)
7) 3/4" WASHED CRUSHED AGGREGATE BASE
8) BRASS NIPPLE
9) BRASS 90 STREET ELL FITTING
10) PRESSURE SUPPLY LINE
11) BRASS 90 STREET ELL
12) BRASS 90 ELL
13) #4 REBAR STAKE (24" MIN)
14) STAINLESS STEEL SCREW CLAMP



NOTE:
1) QUICK COUPLERS SHALL BE OF A TYPE APPROVED FOR RECYCLED WATER USE.

B QUICK COUPLING VALVE — NO SCALE

Underground Service Alert
Call: TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

MOORE IACOFANO GOLTSMAN, INC.
801 HARBOR BLVD. FULLERTON, CA 92832
TEL 714/871-3638 FAX 714/871-1188 www.migcom.com

DATE	BY	MARK	DESCRIPTION	APPR.	DATE

ENGINEER — REVISIONS — EMWD

ON-SITE RECYCLED WATE APPROVAL BY:
EASTERN MUNICIPAL WATER DISTRICT
CIVIL ENGINEER OF SUBDIVISIONS — DATE

APPROVALS: PROJECT ENGR. — INITIAL — DATE; OPERATION; W.O. — S.A. — COORD.

COUNTY OF "RIVERSIDE"
APN-327-190-019
RECYCLED WATER LANDSCAPE IMPROVEMENT PLANS
PERRIS VALLEY BIG LEAGUE DREAMS
DETAIL SHEET

W.O. 32711
I.D. 98
S.A. 37
COORD. 370-43
SHT. LI-2.3 OF 19
SD
D-

MOORE IACOFANO GOLTSMAN, INC.
801 HARBOR BLVD. FULLERTON, CA 92832
TEL 714/871-3638 FAX 714/871-1188 www.migcom.com

BILL L WILLIAMS
IRRIGATION DESIGN & CONSULTANT
2518 E. Roberta Dr. Orange, Ca. 92867
CELL 714-504-4888, FAX 714-997-0344
billlwilliams@cox.net e-mail

PROJECT TEAM:
LANDSCAPE ARCHITECT
MIG INC.

ARCHITECT
PITASSI ARCHITECTS INC.

CIVIL ENGINEERS/SURVEYOR
WALDEN & ASSOCIATES

STRUCTURAL ENGINEERS
CORREIA CONSULTING & DESIGN

ELECTRICAL ENGINEERS
LRA ENGINEERS

IRRIGATION DESIGNER
WILLIAMS IRRIGATION DESIGN

GEOTECHNICAL ENGINEERS
CONVERSE CONSULTANTS

TURF GRASS CONSULTANT
GUISE AND ASSOCIATES

PERRIS VALLEY Big League Dreams

2155 Trumble Road
Perris, California, 92570

SHEET TITLE
IRRIGATION DETAILS

100% CONSTRUCTION DOCUMENT

DATE	REVISIONS

STAMP

CHECKED BY	DATE
BLW	07-22-09

DATE	FILE NAME
07-30-09	

DRAWN BY: BLW
JOB NO. 05208.00
SCALE: NO SCALE
SHEET: LI-2.3
283 OF 313 SHEETS