RECYCLED WATER DETAIL

END OF EMWD  INSTALL PER EMWD STD SPEC
MAINTENANCE RESPONSIBILITY

METER

QUICK COUPLING VALVE

STRAINER

REDUCE PRESSURE BACKFLOW PREVENTION ASSEMBLY PER B-507

BOOSTER PUMP

PRESSURE REGULATOR

MASTER VALVE

FLOW SENSOR

DIRECTION OF FLOW

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.

3/08

CITY OF PERRIS
CITY LANDSCAPE ARCHITECT

EMWD RECYCLED WATER POC

R-1
RECYCLED WATER DETAIL

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 OR 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.
NOTES:
1) SQUARE POST SHALL BE PERFORATED STEEL TUBE POSTS WITH TWO PIECE ANCHOR AND "TELESPAR" SLEEVE. THE ANCHOR AND SLEEVE ASSEMBLY SHALL CONSIST OF A 2 1/2" SQUARE BY 36" (THROUGH SIDEWALK) OR 36" (THROUGH SOIL) ANCHOR WITH A 2 1/4" SQUARE BY 10" SLEEVE.
2) THE NUMBER OF SIGNS, THEIR LOCATIONS, AND HEIGHTS SHALL BE PER EMWD REQUIREMENTS AND AS DIRECTED BY THE DISTRICT REPRESENTATIVE. AT A MINIMUM SIGNS SHALL BE LOCATED AT ALL PROJECT ENTRIES AND AT EACH METER CONNECTION AND MUST ALWAYS BE VISIBLE.
3) ANCHOR AND SLEEVE ASSEMBLIES SHALL BE DRIVEN SIMULTANEOUSLY UNTIL 4" REMAINS ABOVE GROUND LEVEL. INSTALL THE 2" GALVANIZED SQUARE SIGN POST MINIMUM 6" INTO THE ANCHOR ASSEMBLY AND SECURE IN PLACE WITH TWO 3/8" DRIVE RIVETS AS SHOWN. THE RIVETS SHALL BE INSTALLED ON THE SIDE FACING TRAFFIC FLOW AND THE SIDE OF APPROACHING TRAFFIC AS SHOWN.
4) ANCHOR ASSEMBLY SHALL NEVER BE SECURED IN CONCRETE FOOTING.
5) ADVISORY SIGN CAN BE PURCHASED FROM EMWD AT (951) 928-3777 EXT 442.

EMWD IRRIGATION ADVISORY SIGN
RECYCLED WATER DETAIL

NOTES:
1) USER MUST SUPPLY ALL FITTINGS, NIPPLES, VALVES AND APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY. ALL FITTINGS AND NIPPLES MUST BE BRASS. THE DISTRICT SHALL SUPPLY THE WATER METER.
2) BACKFLOW ASSEMBLY MUST BE TESTED BEFORE USE BY A CERTIFIED BACKFLOW ASSEMBLY TESTER APPROVED BY EMWD.
3) HYDRANT MUST BE FULLY OPENED DURING USE.
4) PROVIDE ADJUSTABLE PIPE SUPPORT AS REQUIRED BY DISTRICT'S REPRESENTATIVE.
5) PRESSURE REGULATOR, IF NEEDED, SHALL BE INSTALLED DOWNSTREAM OF BACKFLOW PREVENTOR ASSEMBLY. USE COPPER PIPE.
RECYCLED WATER DETAIL

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<th>DIMENSION</th>
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FINISH GRADE
CLEAN COMPACTED BACKFILL
3" WIDE RW ID TAPE, SEE SPECS
LATERAL LINES, SEE SPECS
UNDISTURBED SOIL
CONTROL WIRE
PRESSURE MAINLINE, SEE SPECS
PROVIDE SAND BED PER AGENCY STANDARDS (AS APPROPRIATE)