COLOR CODED MAP FOR VALVE LOCATION INSIDE (SEE SPECS)

RAIN GUARD (W.C.S.—RG) FLUSH W/TOP OF HOUSING. 1/2"x3" GALV. STEEL NIPPLE AND ELBOW W/ 1/2" FLOOR FLANGE BOLTED TO HOUSING

CONNECT WIRES FROM RAIN GUARD TO MASTER VALVE OR PUMP START POWER POST 
(USE VANDAL PROOF ENCLOSURE—W.C.S. RG VR)

AUTOMATIC CONTROLLER UNIT SECURE HOUSING ON CONCRETE FOOTING WITH GALV. "J" BOLTS (TYP. 2 PLACES)

ALL WIRES SHALL BE TIED INSIDE HOUSING

ON-OFF SWITCH TO BE PROVIDED BY CONTRACTOR (IF BREAKER IS NOT LOCATED NEAR CONTROLLER)

CONCRETE FOOTING — INSTALL 3" MIN. ABOVE FINISH GRADE AND SLOPE CONCRETE AT 2% TO DRAIN

ELECTRICAL CONDUIT TO SOURCE TO BE PROVIDED BY DEVELOPER

6" MIN.

12 GAUGE BARE COPPER WIRE

BRASS GROUNDING ROD CLAMP

GROUNDING ROD 5/8"x8" COPPER CLAD

ELECTRICAL TAPE—TAPE WIRING AT INTERVALS OF 12" O.C.

1 CONTROL WIRE TO EACH R.C.V
1 COMMON WIRE TO ALL R.C.V.'S

ADDITIONAL COMMON WIRE TO ALL R.C.V.'S (SEE MOISTURE SENSOR DETAIL)

FINISH GRADE

3/4" CONDUIT

8"

2" CONDUIT—LONG SWEEP ELBOW

NOTES:

1. COMMON WIRE TO BE WHITE & CONTROL WIRE TO BE BLACK IN COLOR UNLESS OTHERWISE NOTED.

2. NO SPLICES SHALL BE MADE BETWEEN CONTROLLER & REMOTE CONTROL VALVE UNLESS OTHERWISE APPROVED.

3. CONTROL Wiring SEQUENCE CORRESPONDS TO OPERATING SEQUENCE OF REMOTE CONTROL VALVES & AUTOMATIC SPRINKLER UNIT STATION CONNECTION—SEE IRRIGATION PLAN FOR CORRECT VALVE SEQUENCE.

4. WHEN USING RAIN GUARD LOCATE CONTROLLER IN A WAY NOT TO BE SPRAYED BY SPRINKLER.

DRAWN BY: KGE
DESIGNED BY: JF
DATE: 05/12
FILE_NAME: PR-L-2.DWG

CITY OF PASO ROBLES
ENGINEERING DIVISION

TYPICAL AUTOMATIC CONTROLLER

DRAWING NO. L-1
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4. WHEN USING RAIN GUARD LOCATE CONTROLLER IN A WAY NOT TO BE SPRAYED BY SPRINKLER.
*NOTE: ANY TREE PLANTED WITHIN SIX FEET OF ANY SIDEWALK, DRIVEWAY, CURB, OR GUTTER MUST BE PROVIDED WITH A 24" MIN. ROOT CONTROL BARRIER.