


**LEGEND:**

- ① ELECTRICAL METER/IRRIGATION CONTROLLER ENCLOSURE W/ 110 VAC SERVICE PANEL-DOUBLE DOOR-STAINLESS STEEL
- ② 5/8" x 8' COPPER-CLAD GROUNDING ROD (GROUND 110 & CONTROLLER)
- ③ DUPLEX OUTLET (CONDUIT PATH TO SERVICE PANEL PER CODE). INSTALL W/ SURGE ARRESTOR - ISOBAR ULTRAFAX
- ④ APPLIANCE GRADE 110 VAC 3-WIRE CONDUCTOR POWER CORD (SIZED TO REACH DUPLEX OUTLET). SECURE TO CONTROLLER CABINET
- ⑤ 1" SCH 40 E.C. SWEEP ELL FOR EXTERNAL GROUNDING ASSEMBLY
- ⑥ 1-1/2" SCH 40 E.C. SWEEP ELL FOR EXTERNAL ANTENNA ASSEMBLY (MAXICOM RADIO LINK ONLY)
- ⑦ TELEMETRY CABLE SURGE ARRESTOR (RAINBIRD MSP-1). INSTALL PER MFG.'S DIRECTIONS
- ⑧ #10 SOLID COPPER WIRE FROM GROUNDING ROD TO CONTROLLER GROUND LUG-GREEN INSULATION
- ⑨ BRASS / BRONZE GROUND CLAMP
- ⑩ TELEMETRY CONDUIT - 1-1/2" SCH 40. EXTEND PE 39 CABLE 18" MIN. FROM TOP END OF SWEEP (ELIMINATE SWEEP IF RADIO LINKED MAXICOM)
- ⑪ 6" THICK CONCRETE FOOTING POURED ON COMPACTED SUBGRADE (95% RELATIVE COMPACTION). RADIUS EDGES @ 1/2"
- ⑫ ELECTRIC METER
- ⑬ CCU PER PLAN CALL-OUT
- ⑭ SCH. 40 PVC SWEEP ELL W/ NYLON PULL ROPE FOR TELEPHONE SERVICE DROP - SIZE PER PLAN
- ⑮ 2-1/2" SCH 40 ELECTRICAL CONDUIT
- ⑯ 1" SCH 40 ELECTRICAL CONDUIT

NOT TO SCALE

	RECOMMENDED: <i>COS 1.16.14</i> DIVISION MANAGER      DATE	<b>CITY OF MORENO VALLEY</b> FINANCIAL & MANAGEMENT SERVICES DEPARTMENT - SPECIAL DISTRICTS DIVISION	
	APPROVED: <i>[Signature]</i> 1/29/14 PUBLIC WORKS DIRECTOR/      DATE CITY ENGINEER	<b>CLUSTER CONTROL UNIT ENCLOSURE DETAIL</b>	