



LEGEND:

- ① ELECTRICAL METER/IRRIGATION CONTROLLER ENCLOSURE PER SPECIFICATIONS
- 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 ULTRABLOCK 428
- ④ APPLIANCE GRADE 110 VAC 3-WIRE CONDUCTOR POWER CORD (SIZED TO REACH DUPLEX OUTLET). SECURE TO CONTROLLER CABINET
- ⑤ 4" SCH 40 E.C. SWEEP ELL FOR UF CONTROL WIRE ONLY
- ⑥ 3/4" SCH 40 E.C. SWEEP ELL W/ NYLON PULL ROPE FOR FUTURE MOISTURE SENSOR WIRING
- ⑦ TERMINAL STRIP FOR CONNECTION OF UF FIELD WIRE FROM SWEEP.
- ⑧ TERMINAL STRIP TO CONTROLLER (TYP.)
- ⑨ #6 SOLID COPPER WIRE FROM GROUNDING ROD TO CONTROLLER GROUND LUG
- ⑩ BRASS / BRONZE GROUND CLAMP
- ⑪ TELEMTRY CONDUIT - 3/4". EXTEND RAIN / WEATHER SENSOR CABLE INTO ENCL 36" MIN. FROM END OF SWEEP
- ⑫ 12" THICK CONCRETE FOOTING POURED ON COMPACTED SUBGRADE (95% RELATIVE COMPACTION). RADIUS EDGES @ 1/2"
- ⑬ ELECTRIC METER
- ⑭ IRRIGATION CONTROLLER - MODEL # PER PLAN CALL-OUT
- ⑮ RAIN GAUGE / WEATHER SENSOR - MODEL # PER PLAN CALL-OUT
- ⑯ FLOW SENSING COMPONENTS (INSTALL IF SHOWN ON PLAN) - MODEL #'S PER PLAN CALL-OUT
- ⑰ 2 1/2" SCH 40 ELECTRICAL CONDUIT
- ⑱ 1" SCH 40 ELECTRICAL CONDUIT
- ⑲ STAINLESS STEEL VANDAL PROOF MESH COVER PER SPECIFICATIONS

NOTES:

- 1) COMMON WIRE TO BE WHITE, PER SPECIFICATIONS. PILOT WIRES TO BE SIZED AND COLOR PER SPECIFICATIONS.
- 2) NO SPLICES ALLOWED BETWEEN TERMINAL STRIP AND RCV.
- 3) INSTALL EXTRA WIRES PER SPECIFICATION TO FARTHEST RCV IN ANY / ALL DIRECTIONS FROM ENCLOSURE. LOOP INTO EACH VALVE BOX ALONG WIRE PATH.
- 4) IF FLOW SENSOR AND/OR MASTER VALVE IS INSTALLED, INCLUDE 3/4" CONDUIT PATH FROM ENCLOSURE TO VAULTS.
- 5) SEE CITY STANDARD EQUIPMENT LIST FOR MANUFACTURER.

PARKS AND COMMUNITY SERVICES		DATE	1/10	CITY OF MORENO VALLEY	
APPROVED BY		DIVISION MANAGER INITIAL		PREPARED BY CAPITAL PROJECTS	
 PUBLIC WORKS DIRECTOR/ CITY ENGINEER				SMART CONTROLLER ENCLOSURE DETAIL	
				2 of 2	
				NO. 503B	