

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)

DUPLEX OUTLET (CONDUIT PATH TO SERVICE PANEL PER CODE). INSTALL W/ SURGE

ARRESTOR - ISOBAR ULTRABLOCK 428

APPLIANCE GRADE 110 VAC 3-WIRE CONDUCTOR POWER CORD (SIZED TO REACH DUPLEX OUTLET). SECURE TO CON-TROLLER CABINET

3" SCH. 40 E.C. SWEEP ELL FOR 14 GA. UF CONTROL WIRE ONLY

- (6) 3/4" SCH. 40 E.C. SWEEP ELL W/ NYLON PULL ROPE FOR FUTURE MOISTURE SENSOR WIRING
- TERMINAL STRIP(S) FOR CONNECTION OF 14 GA. UF FIELD WIRE FROM SWEEP. USE 16 GA. UTILITY WIRE TO CONNECT (8) #10 SOLID COPPER WIRE FROM GROUNDING ROD TO CONTROLLER GROUND LUG

BRASS / BRONZE GROUND CLAMP (10) ETHERNET (RS232 PORT INCLUDED)

- TELEMETRY CONDUIT 1 1/2" SCH 40. EXTEND PE 39 CABLE INTO ENCLOSURE 18" MIN. FROM END OF SWEEP (USE FOR MAXICOM WIRE LINK / FLOW SENSOR WIRE LINK @ 1 PER EA.)
- (2) 6" THICK CONCRETE FOOTING POURED ON COMPACTED SUBGRADE (95% RELATIVE COMPACTION). RADIUS EDGES @ 1/2" ELECTRIC METER
- ᡝ IRRIGATION CONTROLLER MODEL # PER PLAN CALL-OUT WITH REMOTE CONTROL ACCTUATOR INTERFACE-PER PLAN

ANTENNA - RADIO LINKED MAXICOM ONLY - MODEL # PER PLAN CALL-OUT

🔞 FLOW SENSING COMPONENTS (INSTALL IF SHOWN ON PLAN) - MODEL #'S PER PLAN CALL-OUT

2½" SCH 40 ELECTRICAL CONDUIT (18) 1" SCH 40 ELECTRICAL CONDUIT

NOTES:

COMMON WIRE TO BE 12 GA, WHITE, PILOT WIRES TO BE 14 GA, BLACK.

NO SPLICES ALLOWED BETWEEN TERMINAL STRIP AND RCV.

- 3) INSTALL ONE (1) EXTRA PILOT WIRE (RED) TO FARTHEST RCV IN ANY / ALL DIRECTIONS FROM ENCLOSURE. LOOP INTO EACH VALVE BOX ALONG WIRE PATH.
- IF FLOW SENSOR TO BE INSTALLED, INCLUDE 1/4" CONDUIT PATH FROM ENCLOSURE TO SENSOR VAULT.

5) SEE CITY STANDARD EQUIPMENT LIST FOR MANUFACTURER.

NOT TO SCALE



RECOMMENDED .76.19 DIVISION MANAGER DATE

OF MORENO

FINANCIAL & MANAGEMENT SERVICES DEPARTMENT - SPECIAL DISTRICTS DIVISION

CONTROLLER / SATELLITE

ENCLOSURE DETAIL

STANDARD PLAN

MVLI-531A-0

SHEET 1 OF 2