

SCORPIO UHF ANTENNA (UHF NORTHPOINT
LOPRO ANTENNA, NP 4000, 450-470 MHz
OR APPROVED EQUAL)

LAMAX LOCKABLE
STAINLESS STEEL CABINET
(OR APPROVED EQUAL)

1/2-INCH E.M.T. CONDUIT
FOR 110V POWER SUPPLY

8-FOOT COPPER CLAD
GROUND ROD - WITH 10
GAUGE NON-INSULATED
GROUND WIRE CONNECTED
TO GROUND TERMINAL
BLOCK

FINISH GRADE

DEPTH PER
ELECTRICAL
CODE

VENTS WITH BAFFLE

3 POINT LATCH WITH
LOCKABLE HANDLE

2-INCH MALE ADAPTER
WITH LOCK RING

2-INCH SCH. 40 P.V.C. SLEEVE
WITH 2" SWEEP FOR CONTROL WIRES
TO MAINLINE TRENCH. SECURE TO WALL
WITH CONDUIT STRAP TOP AND
BOTTOM.

TO MAINLINE TRENCH
(INSTALL WIRES IN CONDUIT
IF NOT IN MAINLINE TRENCH)

NOTES:

1. POWER SOURCE FOR CONTROLLER TO BE HARD WIRED FROM CIRCUIT BREAKER MOUNTED INSIDE CABINET TO A NON-GFI OUTLET. CONTROLLER TO BE PLUGGED INTO OUTLET.
2. LOCATION OF POWER SOURCE TO BE NOTED ON CIRCUIT BREAKER PANEL.
3. REMOTE CONTROL VALVES FOR D.C. SCORPIO APPLICATIONS MUST HAVE D.C. LATCHING SOLENOIDS AND APPROVED SOLAR PANEL FOR POWER SOURCE.
4. MIDLAND NARROW BAND RADIO #2845 G TO BE INSTALLED WITH SCORPIO CONTROLLER.
5. INSTALL ONLY ONE CONTROL VALVE WIRE PER CONTROLLER OUTPUT.
6. UHF RADIO TO BE TUNED TO C.O.S. FREQUENCIES. CONTACT IRRIGATION DEPARTMENT FOR INFORMATION (480-312-2189)
7. POWER SOURCE TO BE PROVIDED BY CONTRACTOR FOLLOWING NEC REQUIREMENTS. INSTALLATION TO BE INSPECTED AND APPROVED BY COS INSPECTOR. INSTALL METAL ADDRESS LABELS TO OUTSIDE DOOR OF IRRIGATION CONTROLLER CABINETS FOR ALL CONTROLLERS RECEIVING NON-METERED POWER SUPPLY.

DETAIL NO.
2633

**City of Scottsdale
Standard Details**

APPROVED BY:
**Scottsdale Standards &
Specifications Committee**

SCORPIO WALL MOUNTED CONTROLLER

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