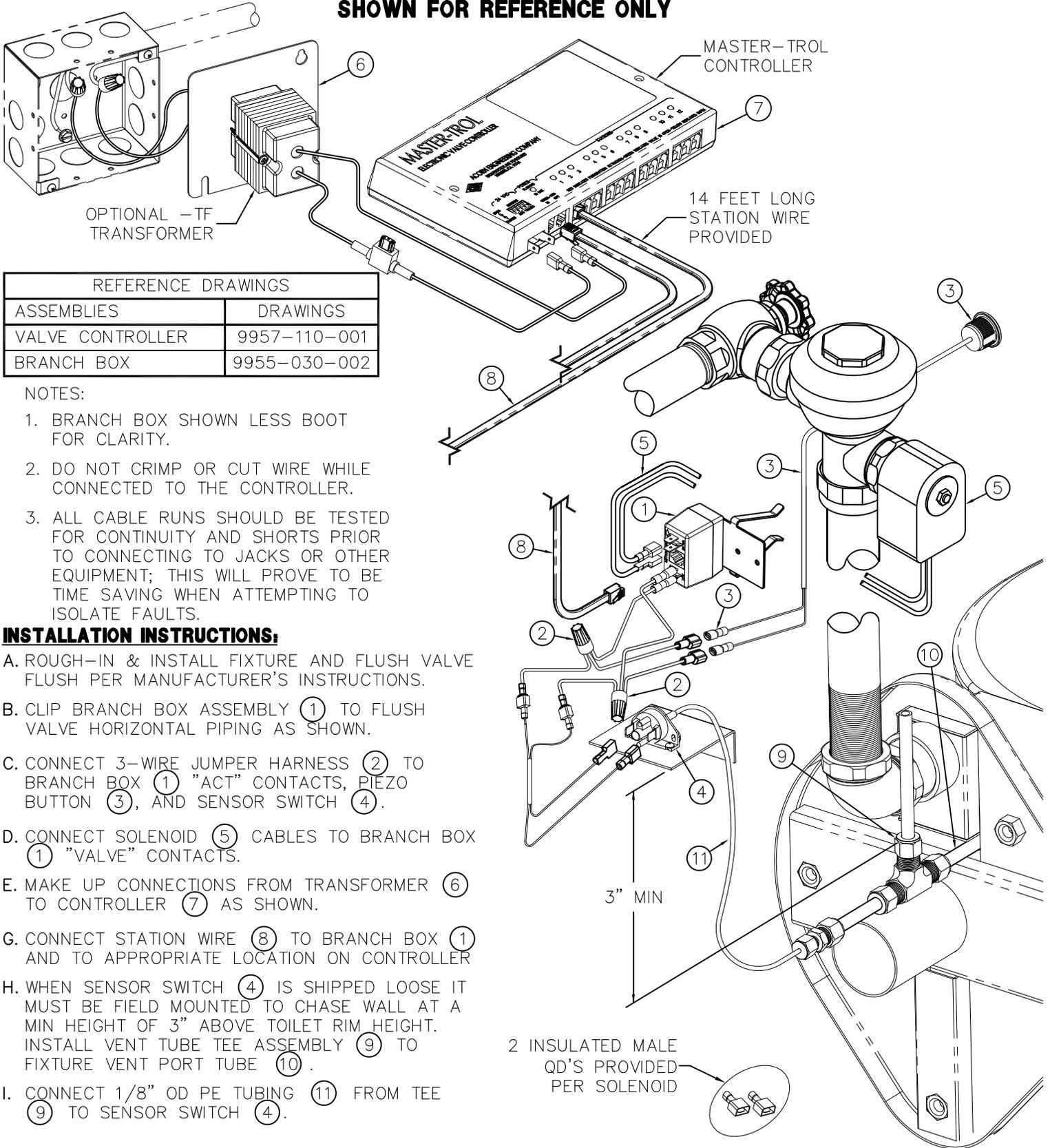




SHOWN FOR REFERENCE ONLY



REFERENCE DRAWINGS	
ASSEMBLIES	DRAWINGS
VALVE CONTROLLER	9957-110-001
BRANCH BOX	9955-030-002

NOTES:

1. BRANCH BOX SHOWN LESS BOOT FOR CLARITY.
2. DO NOT CRIMP OR CUT WIRE WHILE CONNECTED TO THE CONTROLLER.
3. ALL CABLE RUNS SHOULD BE TESTED FOR CONTINUITY AND SHORTS PRIOR TO CONNECTING TO JACKS OR OTHER EQUIPMENT; THIS WILL PROVE TO BE TIME SAVING WHEN ATTEMPTING TO ISOLATE FAULTS.

INSTALLATION INSTRUCTIONS:

- A. ROUGH-IN & INSTALL FIXTURE AND FLUSH VALVE FLUSH PER MANUFACTURER'S INSTRUCTIONS.
- B. CLIP BRANCH BOX ASSEMBLY (1) TO FLUSH VALVE HORIZONTAL PIPING AS SHOWN.
- C. CONNECT 3-WIRE JUMPER HARNESS (2) TO BRANCH BOX (1) "ACT" CONTACTS, PIEZO BUTTON (3), AND SENSOR SWITCH (4).
- D. CONNECT SOLENOID (5) CABLES TO BRANCH BOX (1) "VALVE" CONTACTS.
- E. MAKE UP CONNECTIONS FROM TRANSFORMER (6) TO CONTROLLER (7) AS SHOWN.
- G. CONNECT STATION WIRE (8) TO BRANCH BOX (1) AND TO APPROPRIATE LOCATION ON CONTROLLER (7).
- H. WHEN SENSOR SWITCH (4) IS SHIPPED LOOSE IT MUST BE FIELD MOUNTED TO CHASE WALL AT A MIN HEIGHT OF 3" ABOVE TOILET RIM HEIGHT. INSTALL VENT TUBE TEE ASSEMBLY (9) TO FIXTURE VENT PORT TUBE (10).
- I. CONNECT 1/8" OD PE TUBING (11) FROM TEE (9) TO SENSOR SWITCH (4).

2 INSULATED MALE QD'S PROVIDED PER SOLENOID

ACORN ENGINEERING COMPANY
 P.O. BOX 3527 Industry, CA 91744
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TITLE MASTER-TROL FLUSH VALVE WITH ELECTRONIC FLOOD-TROL (-EVSPFV-FTE)		
MANUFACTURE DATE APRIL, 1998 TO PRESENT	DATE ISSUED 03/21/25	DRAWING NUMBER 9905-319-001
	DATE REVISED	