NOTE: The radiating element of this antenna must be clear of nearby metal objects by at least 35 inches. If side mounted on an existing tower, use 6 foot side mount. Top of antenna may require insulated support at high (wind, ice) elevations.

1/2 INCH COPPER CAPS.

1/2 INCH COPPER PIPE.

3/4 INCH COPPER PIPE

3/4 > 1/2 COOPER REDUCER.

5 INCH WOODEN SPACER/SUPPORT MADE FROM SECTION OF BROOM HANDLE. COVER TIGHTLY WITH VINYL TAPE TO WEATHERPROOF. SECURE IN PLACE WITH "UV" TY-WRAP OR TAPE.

1/2 INCH STAINLESS STEEL HOSE CLAMP. ATTACH CENTER CONDUCTOR OF COAX HERE!

1/2 INCH COPPER PIPE

55 INCHES

165 INCHES (13 ft 9 inches)

CUT AND INSERT "TEE" AT 14 INCHES FROM ONE END OF 3/4", 10 FT SECTION

"FIX" ANTENNA TO MAST WITH 2 INCH HOSE CLAMPS. "U" BOLTS MAY CRIMP COPPER PIPE. HOSE CLAMPS SECURE WELL IN MY INSTALLATIONS.

4 TURNS OF 50 OHM COAX FEEDLINE ROLLED INTO 5" DIAMETER COIL. ATTACH (TY-WRAP OR TAPE) TO COPPER MAST. *** USE EXTREME CAUTION WHEN USING PROPANE "BENZ-O-MATIC" TORCH. WHEN SOLDERING COPPER PARTS TOGETHER.

1) 1, 10' section 1/2" rigid copper pipe.
2) 1, 10' section 3/4" rigid copper pipe.
3) 1, 1/2" stainless steel hose clamp
4) 1, 3/4" stainless steel hose clamp
5) 1, 1/2" stainless steel hose clamps
6) 2, 1/2" copper caps
7) 1, 1/2" 90 degree copper "elbow"
8) 1, 3/4" 1/2" copper reducer
9) 1, 3/4" x 3/4" x 1/2" copper "tee"

6 METER "J" POLE ANTENNA; DIMENSIONS ARE FOR 51 MHz