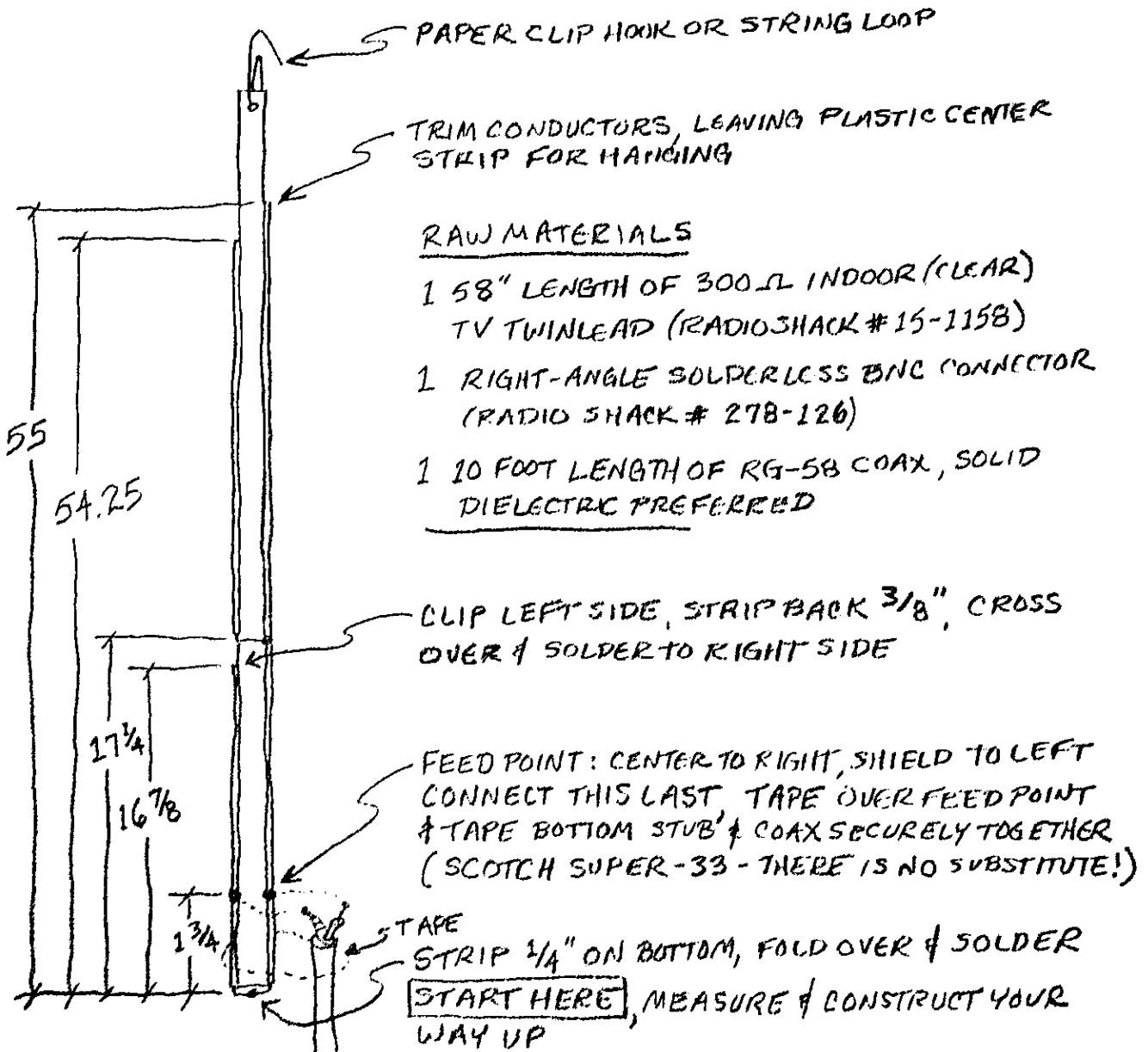


2-METER ROLL-UP J ANTENNA REVISITED

4-23-03
NILO



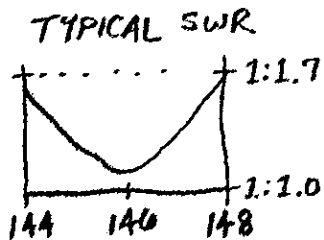
RAW MATERIALS

- 1 58" LENGTH OF 300 Ω INDOOR (CLEAR) TV TWINLEAD (RADIO SHACK # 15-1158)
- 1 RIGHT-ANGLE SOLDERLESS BNC CONNECTOR (RADIO SHACK # 278-126)
- 1 10 FOOT LENGTH OF RG-58 COAX, SOLID DIELECTRIC PREFERRED

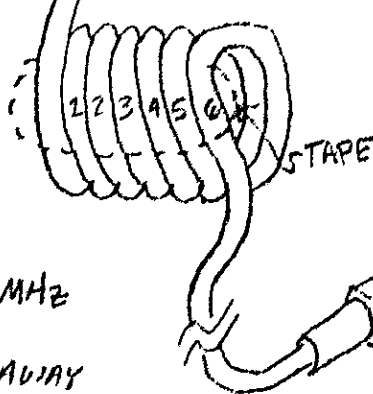
CLIP LEFT SIDE, STRIP BACK $\frac{3}{8}$ " CROSS OVER & SOLDER TO RIGHT SIDE

FEED POINT: CENTER TO RIGHT, SHIELD TO LEFT
CONNECT THIS LAST, TAPE OVER FEED POINT & TAPE BOTTOM STUB & COAX SECURELY TOGETHER (SCOTCH SUPER-33 - THERE IS NO SUBSTITUTE!)

TAPE STRIP $\frac{1}{4}$ " ON BOTTOM, FOLD OVER & SOLDER
START HERE, MEASURE & CONSTRUCT YOUR WAY UP



- ADJUST FEED POINT TO CENTER ON 146 MHz (IF NECESSARY)
- HANG IN CLEAR, AWAY FROM METAL OBJECTS
- DON'T PUT INSIDE PVC PIPE - IT WILL DE-TUNE



CHOKE BALUN - 6 TURNS, $1\frac{3}{4}$ " OD.
(WIND ON PILL BOTTLE OR PIECE OF 1" PVC). WIND LIKE A SPRING WRAP HELICALLY THROUGH CENTER WITH TAPE TO UNITIZE



TIP: HOLD TOGETHER WITH SHORT STRIPS OF TAPE, SLIDE OFF OF FORM, THEN WRAP COMPLETELY WITH STRIPS OF TAPE