

ASSEMBLY INSTRUCTIONS

TELREX ANTENNA

MODEL

SERIAL NO.

PUR. DATE



DRIVEN
DIPOLE

"T" MATCH STRAP

INSULATOR

"BALUN"
TAPE OR TIE
"BALUN" TO
BOOM

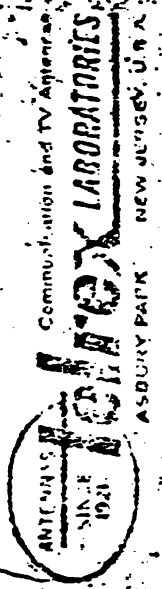
TRANSMISSION
LINE

"BALUN" & TRANS. LINE
ASSY. AND CONNECTIONS

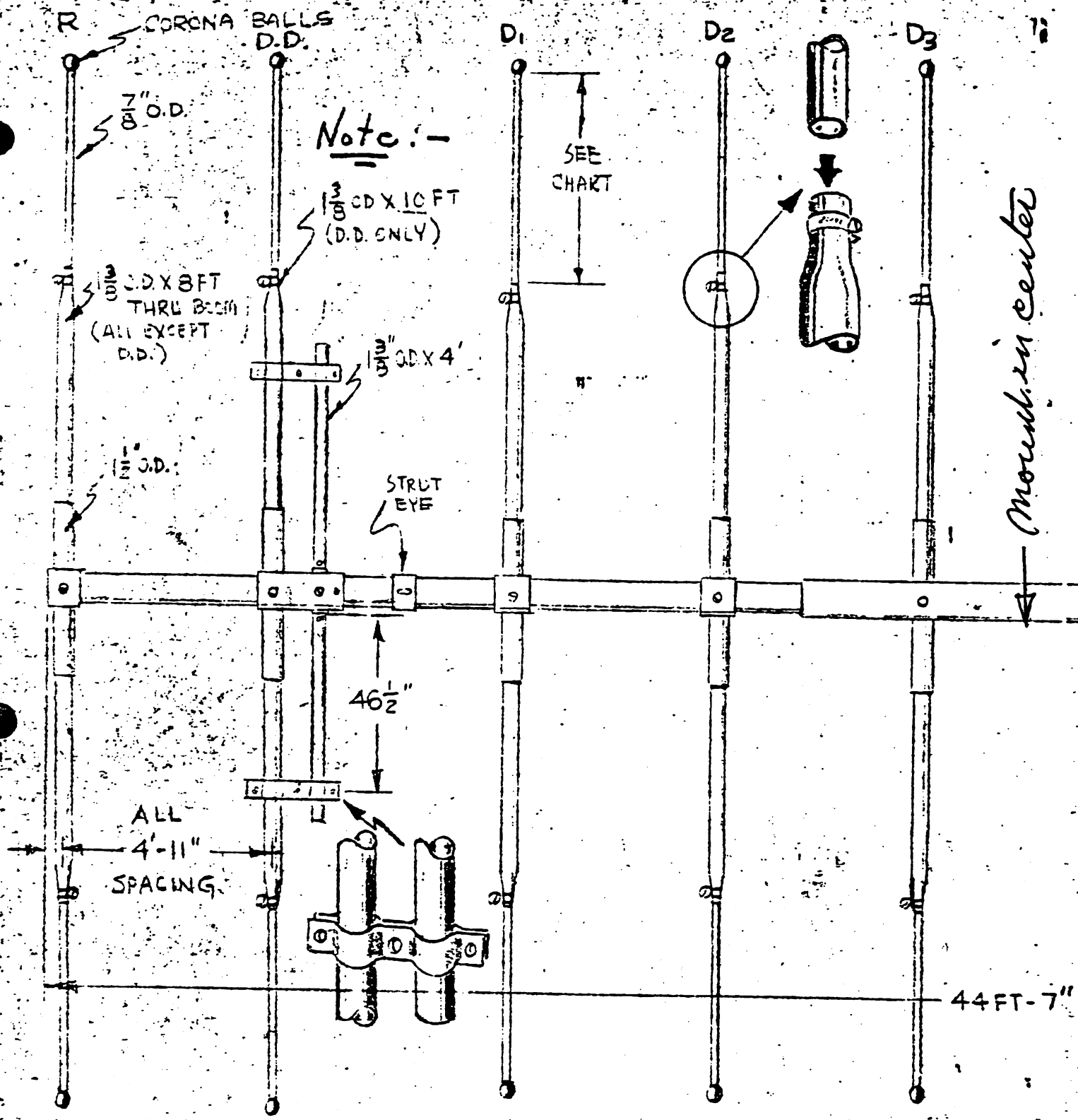
SCHEMATIC

TRANSFORMER

COAXIAL 1/2" S
"BALUN"

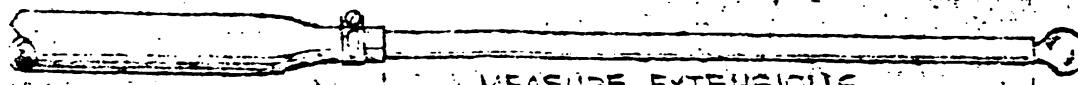


ASBURY PARK NEW JERSEY U.S.A.

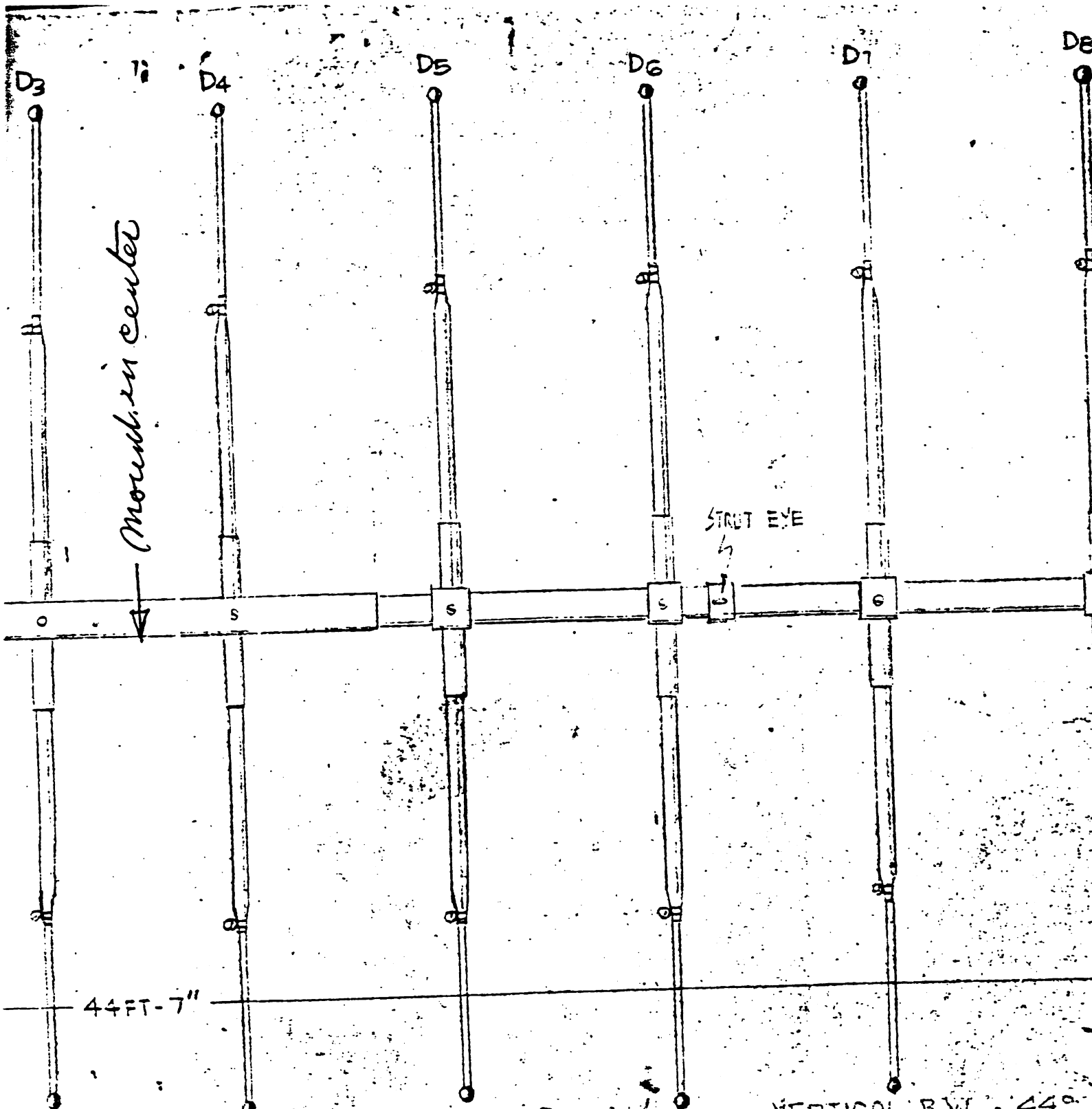


DIMENSIONS FOR ELEMENT END EXTENSIONS FOR FREQ SHOWN

FREQ	R	D.D.	D1	D2	D3	D4	D5	D6	D7	D8
28,200	60 $\frac{1}{4}$	43	46 $\frac{1}{4}$	42	41 $\frac{3}{4}$	41 $\frac{1}{4}$	38 $\frac{1}{4}$	37 $\frac{3}{4}$	36 $\frac{3}{4}$	29 $\frac{3}{4}$
28,700	58 $\frac{1}{4}$	41	44 $\frac{1}{4}$	40	39 $\frac{3}{4}$	39 $\frac{1}{4}$	36 $\frac{1}{4}$	35 $\frac{3}{4}$	34 $\frac{3}{4}$	27 $\frac{3}{4}$
29,150	56 $\frac{1}{4}$	39	42 $\frac{1}{4}$	38	37 $\frac{3}{4}$	37 $\frac{1}{4}$	34 $\frac{1}{4}$	33 $\frac{3}{4}$	32 $\frac{3}{4}$	25 $\frac{3}{4}$



MEASURE EXTENSIONS FROM THESE POINTS



REQ SHOWN

	D6	D7	D8
4	37 ³ / ₄	36 ³ / ₄	29 ³ / ₄
4	35 ³ / ₄	34 ³ / ₄	27 ³ / ₄
4	33 ³ / ₄	32 ³ / ₄	25 ³ / ₄

F/B RATIO - 30 DB
 TURNING RADIUS: 24 FT.
 GAIN - 15.8 DB
 WEIGHT APPROX 110 LBS

VERTICAL B.W. - 44°
 HORIZONTAL B.W. - 43°
 WIND SURFACE AREA - 1
 WIND LOAD AT 100 MPH

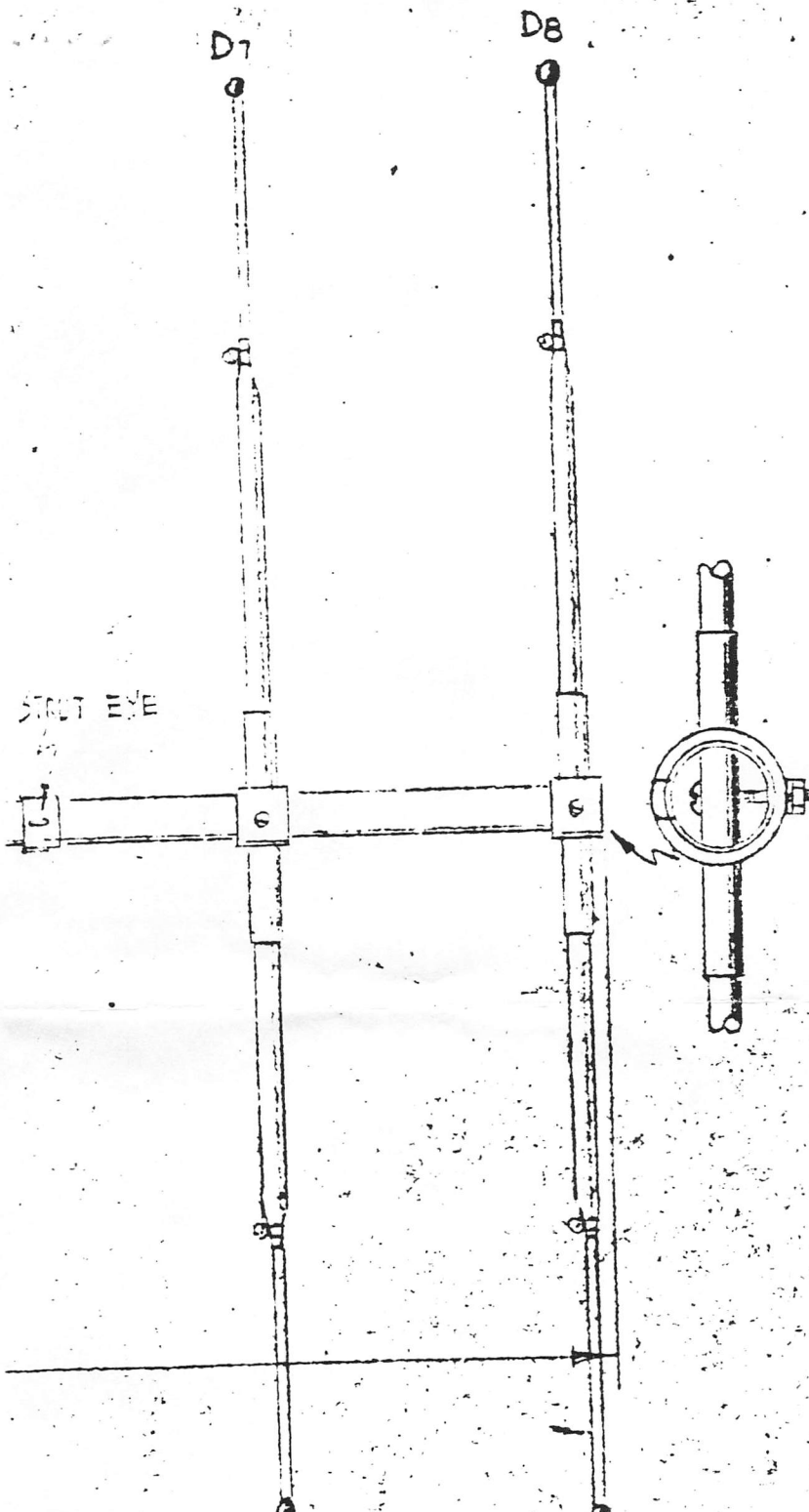
10 METER 10 ELEMENT
 MODEL 10M1044X

Serial # 36255

teb
 ASSEMBLY PH

NOT TO SCALE





VERTICAL B.V. - 44°
 HORIZONTAL B.V. - 43°
 WIND SURFACE AREA - 12.50 FT.
 WIND LOAD AT 100 MPH - 580 LBS

10 ELEMENT
 M1044X
 #36255

telrex LABS
 ASBURY PARK N.J. U.S.A.

