

ASSEMBLY INSTRUCTIONS

TELREX ANTENNA

MODEL

SERIAL NO.

PUR. DATE

ANTENNAS
SINCE
1921

telrex LABORATORIES

Communication and TV Antennas

ASBURY PARK NEW JERSEY, U.S.A.

DRIVEN
DIPOLE

"7" MATCH STRAP

INSULATOR

"BALUN"
TAPE OR TIE
"BALUN" TO
BOOM

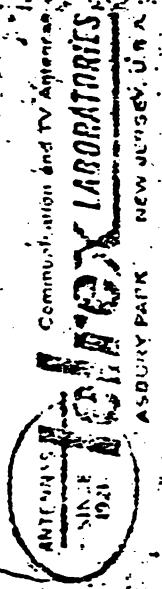
TRANSMISSION
LINE

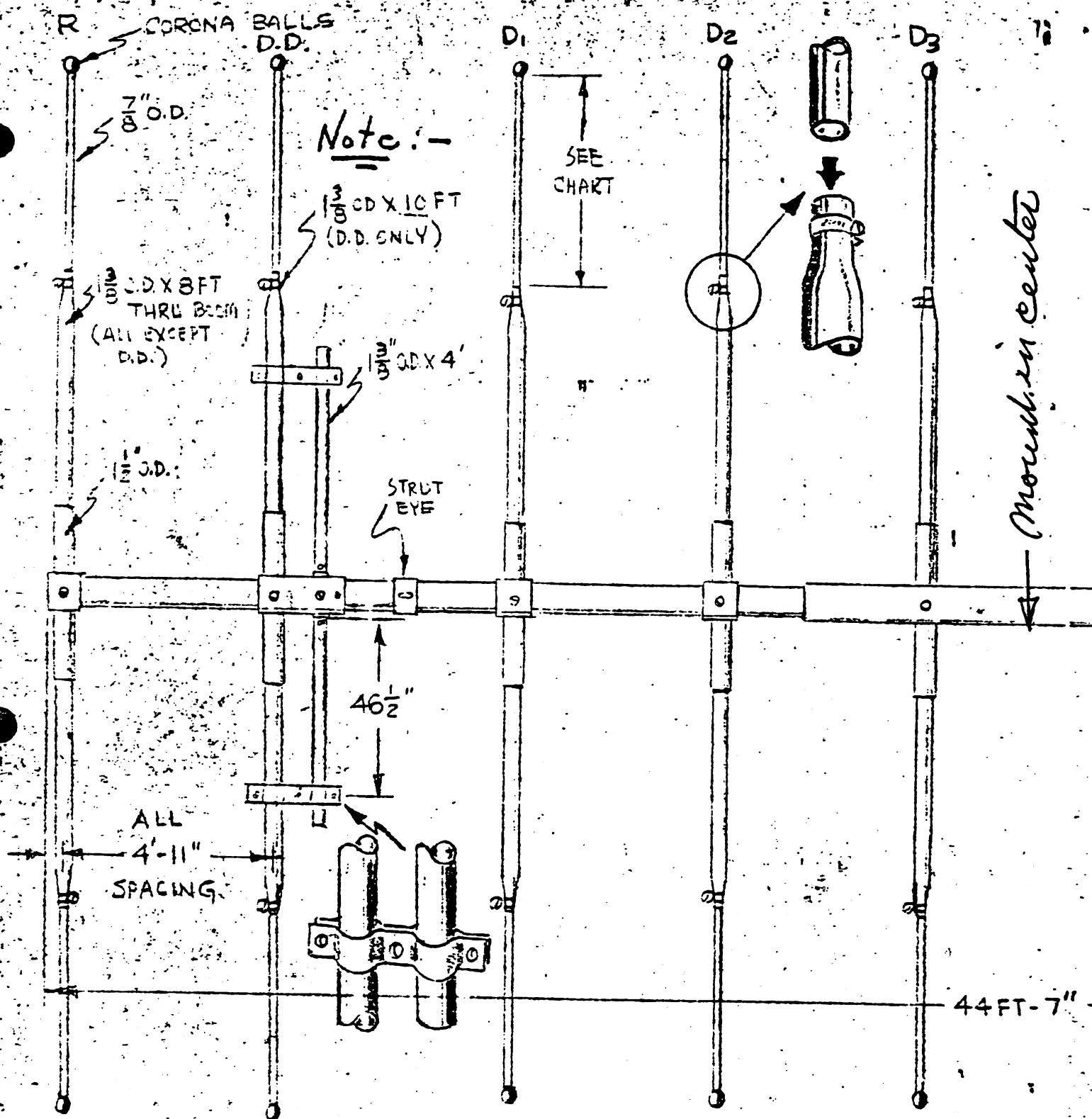
"BALUN" & TRANS. LINE
ASSY. AND CONNECTIONS

SCHEMATIC

TRANSFORMER

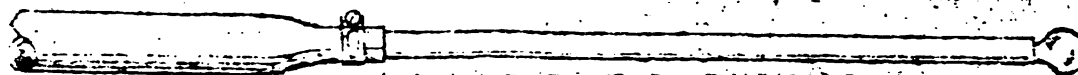
COAXIAL $\frac{1}{2}$ " S
"BALUN"



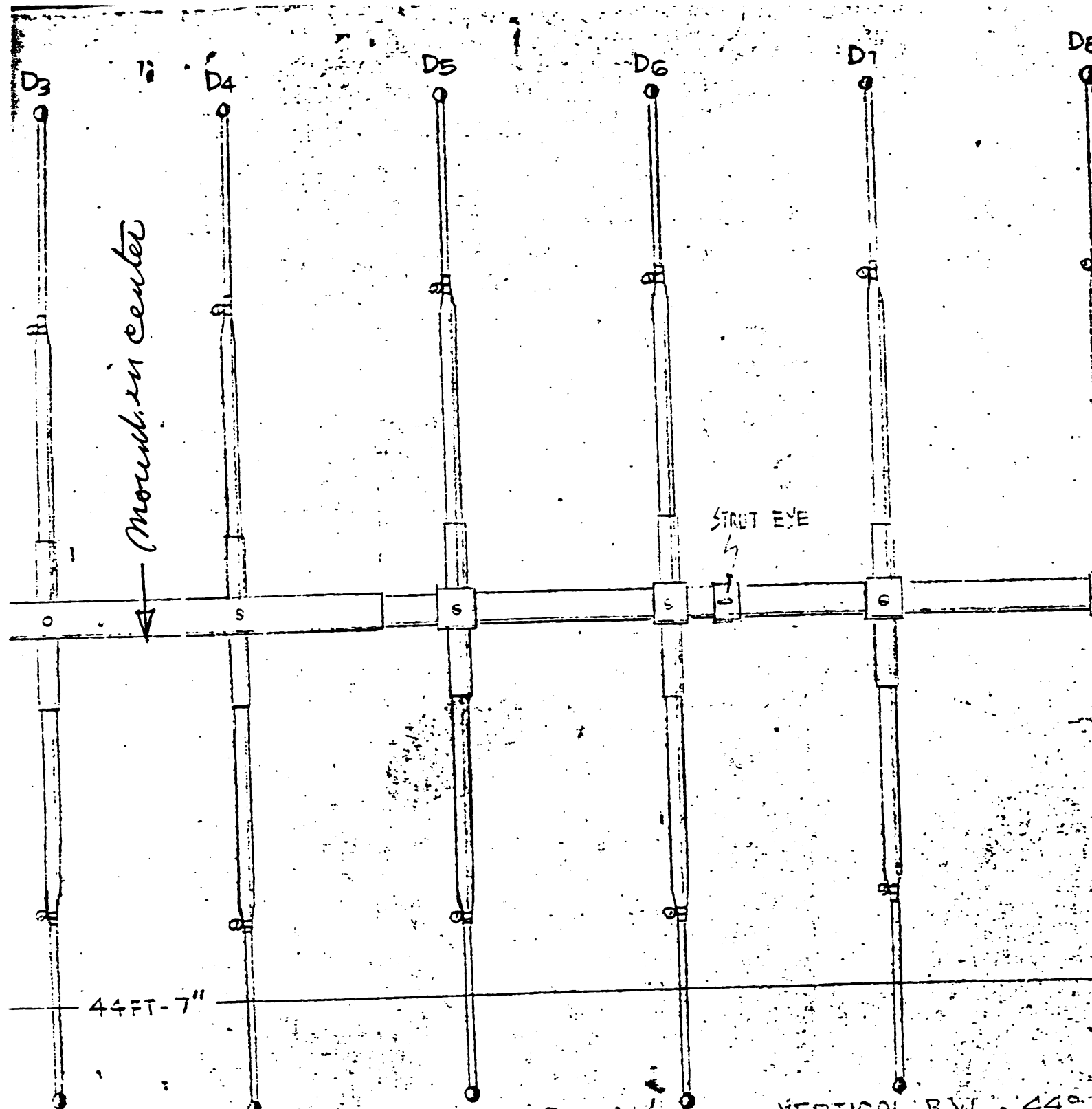


DIMENSIONS FOR ELEMENT END EXTENSIONS FOR FREQ SHOWN

FREQ	R	D.D.	D1	D2	D3	D4	D5	D6	D7	D8
28,200	60 1/4	43	46 1/4	42	41 3/4	41 1/4	38 1/4	37 3/4	36 3/4	29 1/2
28,700	58 1/4	41	44 1/4	40	39 3/4	39 1/4	36 1/4	35 3/4	34 3/4	27 1/2
29,150	56 1/4	39	42 1/4	38	37 3/4	37 1/4	34 1/4	33 3/4	32 3/4	25 1/2



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

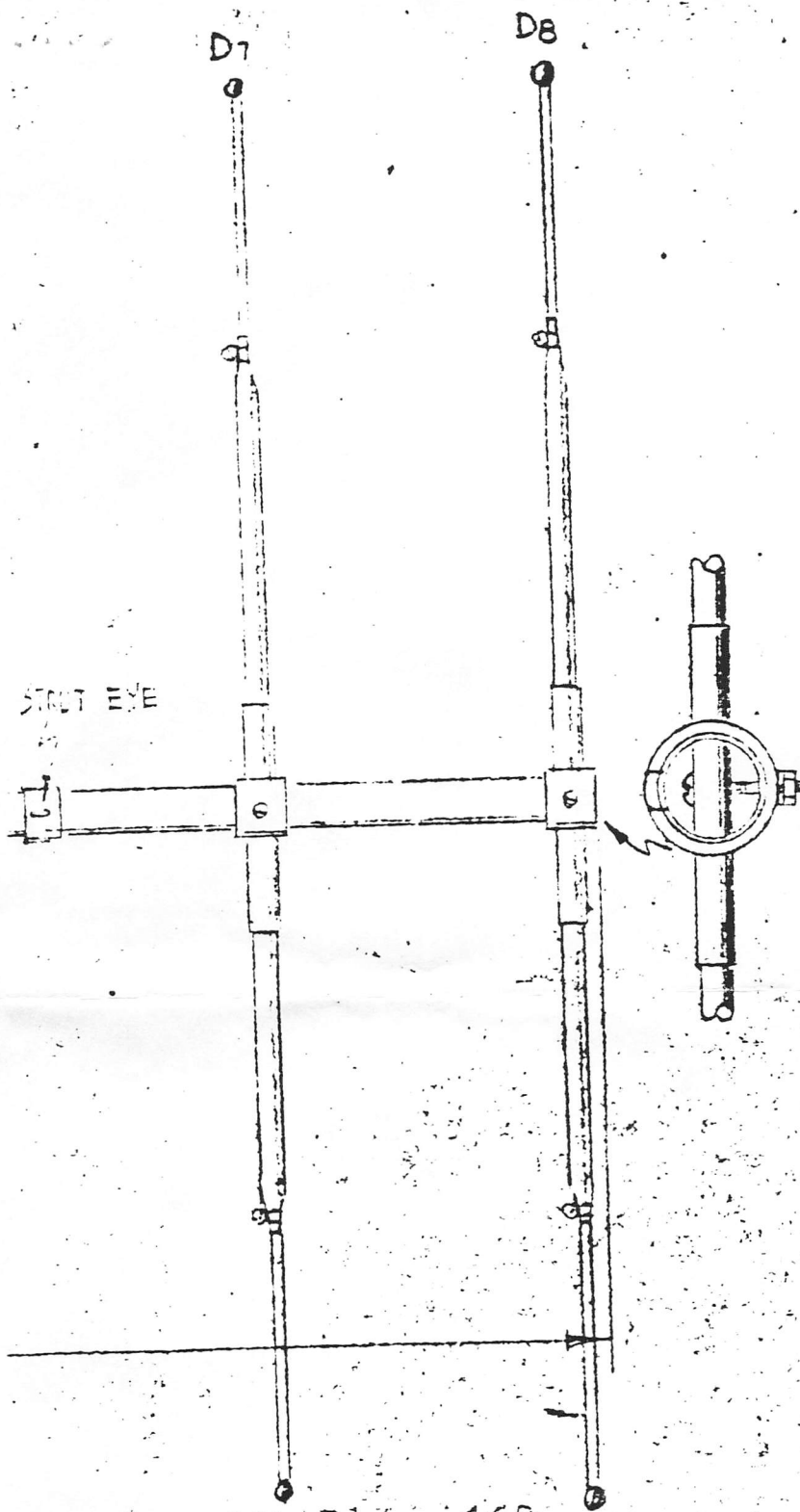
VERTICAL B.W. - 44°
 HORIZONTAL B.W. - 43°
 WIND SURFACE AREA - 1
 WIND LOAD AT 100 MPH

10 METER 10 ELEMENT
 MODEL 10M1044X

Ser #136255

NOT TO SCALE

tel
 ASBURY PA



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.

CO. 401 337 250

