NOTE TO FABRICATOR:
Cut ends of all stringers and cross members to proper angles so that distance from each end to line of pole and stringers is normal to the axis of the pole. On PC pieces, 1/4" diam. holes for bolts are to be observed. Splice two sets of stringers at 90° each end with reinforcement at 45°. See other details on Sheet 354 or in office framing of parts.
All material on this sheet is to be cropped.

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
PLEN 10
JAMES TEMPLETON, REGION 10 SUPERVISOR
MT. HOOD NATIONAL FOREST
LACOMIE MKT. LOOKOUT TOWER
GENERAL ELEVATIONS

Project 27340 20 93

Drawn by:

Scale: 1/16"=1'-0"
PLAN SECTION
AT GUY COLLAR

19\(\frac{1}{2}\)" pin on diagonally opposite post.
21\(\frac{3}{8}\)" c,m. post at top of guy collar.

GUY COLLAR YOKE
Make 4 from \(\frac{3}{8}\)" plate.

REQUIRED MATERIAL
2 - \(\frac{3}{4}\)" x 18\(\frac{1}{4}\)" tie rods
4 - Tru-lok, or similar,
   Clevises for \(\frac{3}{4}\)" rod
4 - \(\frac{3}{4}\)" x 2\(\frac{1}{2}\)" finished bolts
4 - Guy collar yokes
   (see detail)

ELEVATION OF ASSEMBLY
AT GUY COLLAR

\(\frac{3}{4}\)" field fillet weld.
2\(\frac{1}{2}\)" field fillet weld.

\(\frac{3}{4}\)" x 18\(\frac{1}{4}\)" rod,
6" thread each end.

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

MT. HOOD NATIONAL FOREST
LARCH MTN. LOOKOUT TOWER
GUY COLLAR TIES

DESIGN BY: JAMES FRANKEL, SENIOR ENGINEER

LT-131 05194305
SHEET 3 OF 5 SHEETS