



LADDER FOR THREE-ARM
ELECTRICAL GROUND SIGNAL
OFFICE OF SIGNAL ENGINEER ST. PAUL, MINN.
SCALE 1/2" X 1'-0"
DEC. 1919

BILL OF MATERIAL FOR LADDER COMPLETE.

- 1 - LADDER SECTION No. 1. - 167-102-FIG. A.
- 2 - " " " 2. " " " B.
- 1 - TOP HAND RAIL - 167-105-FIG. A.
- 2 - LADDER BRACES - 167-102-FIG. F.
- 2 - HAND-RAIL SIDES - 167-105-FIG. D.
- 2 - " " " C.
- 1 - TOP PLATFORM No. 1. - 167-104-FIG. A.
- 1 - PLATFORM No. 2. - 167-104-FIG. B.
- 1 - " " " 3. " " " E.
- 2 - STAY SIDES - 167-103-FIG. G.
- 2 - " " " H.
- 10 - 5 1/2" STAY CLAMPS (HALF) - 167-103-FIG. A.
- 2 - 6 5/8" " " " C.
- 4 - 6 5/8" " " " B.
- 26 - 1/2" X 1" SQ. HD. BOLTS + NUTS.
- 2 - 1/2" X 1 1/4" " " " " "
- 16 - 1/2" X 1 3/4" " " " " "

NOTE. THE BILL OF MATERIAL AS LISTED ABOVE IS FOR A SWAGED MAST. WHEN MAST IS WELDED AS PER 167-97-FIG. A. FURNISH LADDER COMPLETE AS PER ABOVE BILL WITH FOLLOWING EXCEPTIONS.
 ① 1 - No. 3 PLATFORM, 167-104-FIG. F. INSTEAD OF 167-104-FIG. E.
 ② 6 - 6 5/8" STAY CLAMPS (HALF), 167-103-FIG. B. INSTEAD OF 4.
 ③ NO - 6 5/8" STAY CLAMPS (HALF), 167-103-FIG. C. REQUIRED.
 UNLESS WELDED MAST IS SPECIFIED FURNISH AS PER ABOVE BILL OF MATERIAL.

Drawn by: BA
 Checked by: JBR
 Approved by: [Signature]
 Signal Engineer
 1-10-20.

167-100

NOTE. LADDER COMPLETE. 167-100 = R.S.A 13653.