

Landmark Matrix Book

LMB T 12

LM FLOOR JOISTS

MADE BY

HLV

CKD. BY

RB

DATE

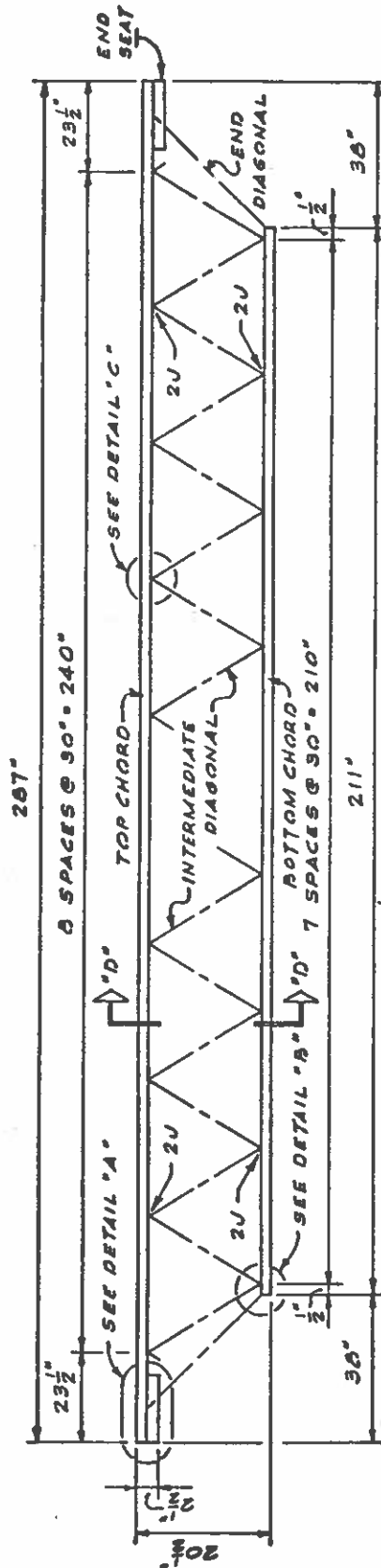
2 1 80

DESIGN - 24' (110#)

REVISION

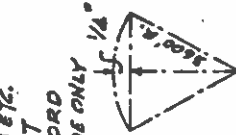
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WELD REQUIREMENTS FOR JOINT REINFORCING - (2U) ETC.
1. BOTH ENDS OF JOIST
2. TOP AND BOTTOM CHORD
3. 1/8" FILLET-TENSION SIDE ONLY

24' FLOOR JOIST



CAMBER (TOP CHORD)

NOTES:

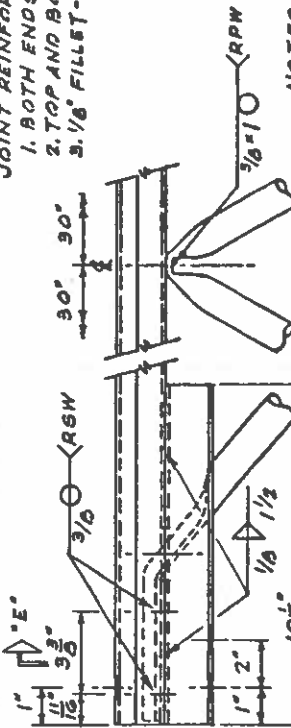
1. ALL DIAGONAL WEB MEMBERS ARE 1.05" O.D. SEAM WELDED TUBING & THICKNESS SHOWN IN CHART BELOW.

2. ALL DIAGONAL WEB MEMBERS REINFORCING MEMBERS ARE 1.315" O.D. X .078" (55 KSI) SEAM WELDED TUBING SLEEVES AT LOCATIONS SHOWN ABOVE.

3. MATERIAL: STEEL 55,000 R.S.I. (MIN. YIELD)

4. WELD SYMBOLS: RSW - INDICATES RESISTANCE SPOT WELD.

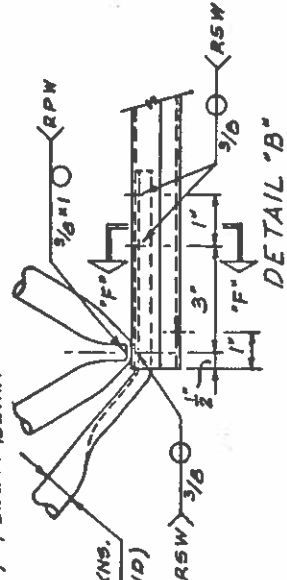
RPW - INDICATES RESISTANCE PROJECTION WELD.



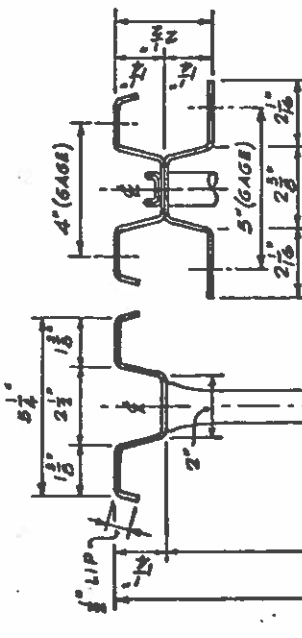
DETAIL "C" (TYPICAL) (TOP & BOTTOM)

DETAIL "A" (2) 3/8" MACH. BOLTS

OF FLOOR BEAM

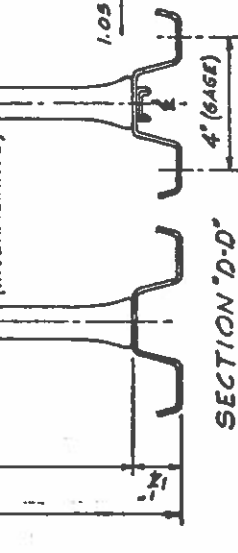


DETAIL "B"



SECTION "E"

1.05" O.D. = TUBG. (INTERMEDIATE)



SECTION "F"

SECTION "D-D"

NOMINAL LENGTH	DL+LL (PSF)	PART NUMBER	PART WEIGHT	CHORD THICKNESS TOP	CHORD THICKNESS BOTTOM	DIAGONAL THICKNESS INTERMEDIATE	END SEAT THICKNESS
24'	110#	530257	123#	.078"	.078"	.078"	.120"