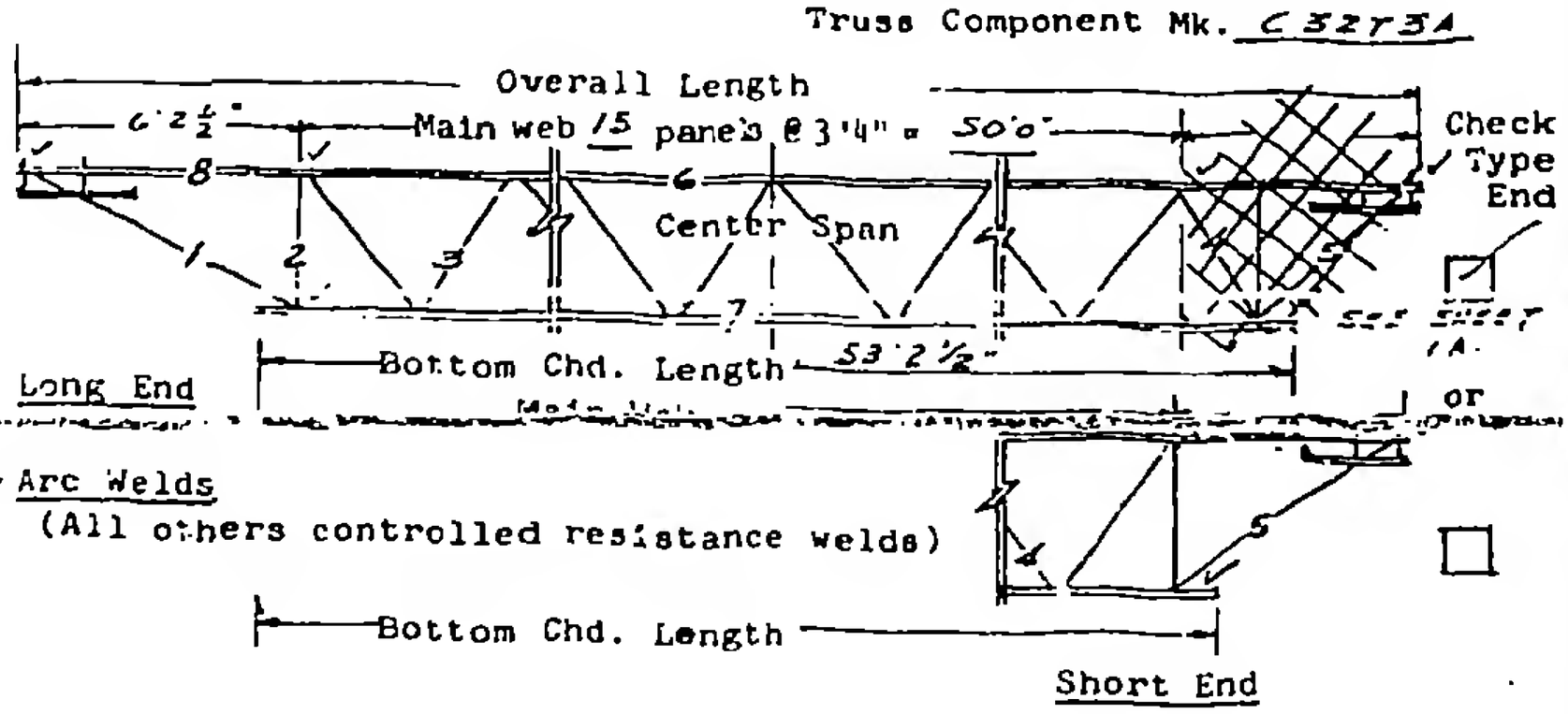
LACLEDE STEEL COMPANY D105- T 3A -Sheet 1

WORLD TRADE CENTER FLOOR GRID TRUSSES DESIGN DATA

Truss Mk. 2 C 32 T 3A - 5811

Truss Component Mk. C 32 T 3A



NOTES:

Main Web - Continuous uniform section throughout Member Mk. 3. (Top chord fillers same section as Main Web - at midpoint 10 center web panels minimum.)

Vertical Struts Mk. 2 - Same size as main web.

End Bearing Struts - Same size as main web.

Composite Type - Webs extend above top chord 3".

MEMBERS REQUIRED PER TRUSS COMPONENT S____ or C ✓

Member	Mk. No.	Grade of Steel		Size	Total Length Member	Weight Member
Top Chord	6-8	A 441	2 Ls	2 x 1½ x .25	58'11"	
Bottom Chord	7	36	2 Ls	2 x 1½ x .25	53'2½"	
Main Web	3	36		92" D	9'6"	
Compression Web	4	441		98" D	3'1"	
Vertical End Struts	2	36		92" D	2'2½" & 2'3½"	
Long End Diagonal	1	441		98" D	6'6"	
Short End Diagonal	5	441		98" D	2'6"	
Top Chd. Att Plate		A 36		5/8 x 5 (½/truss)	9"	
Bott Chd Att L		36	2 Ls	2 x 1½ x .25"	1'3"	
" " " L		36	2 Ls	2 x 1½ x .25"	6"	