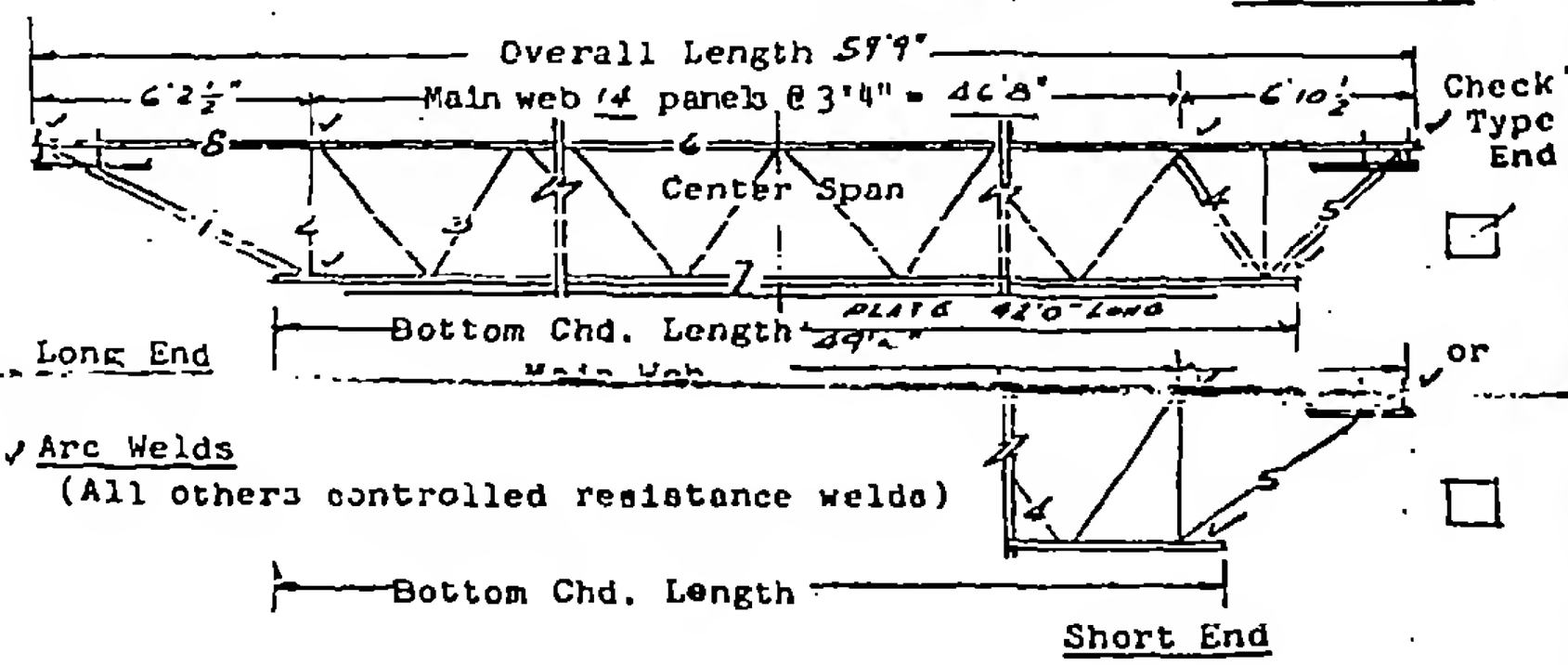
LACLEDE STEEL COMPANY

D105- T 2 -Sheet 1

WORLD TRADE CENTER FLOOR GRID TRUSSES DESIGN DATA

Truss Mk. 2 C32 T2 - 599

Truss Component Mk. C32 T2-599



✓ Arc Welds
(All others controlled resistance welds)

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	24	2×1½×.31"	59'9"	
Bottom Chord	7	36	24	2×1½×.31"	49'4"	
Main Web	3	441		1.14" D	86'4"	
Compression Web	4	441		1.14"D+.75"D	3'1" 3'0"	
Vertical End Struts	2	441		1.14" D	2'7½" 2'3½"	
Long End Diagonal	1	441		1.14"D+.75"D	6'6" 6'4"	
Short End Diagonal	5	441		1.14"D+.75"D	5'8" 5'6"	
Bott. Chord Plate		A 36		.3125×1'3"	42'0"	