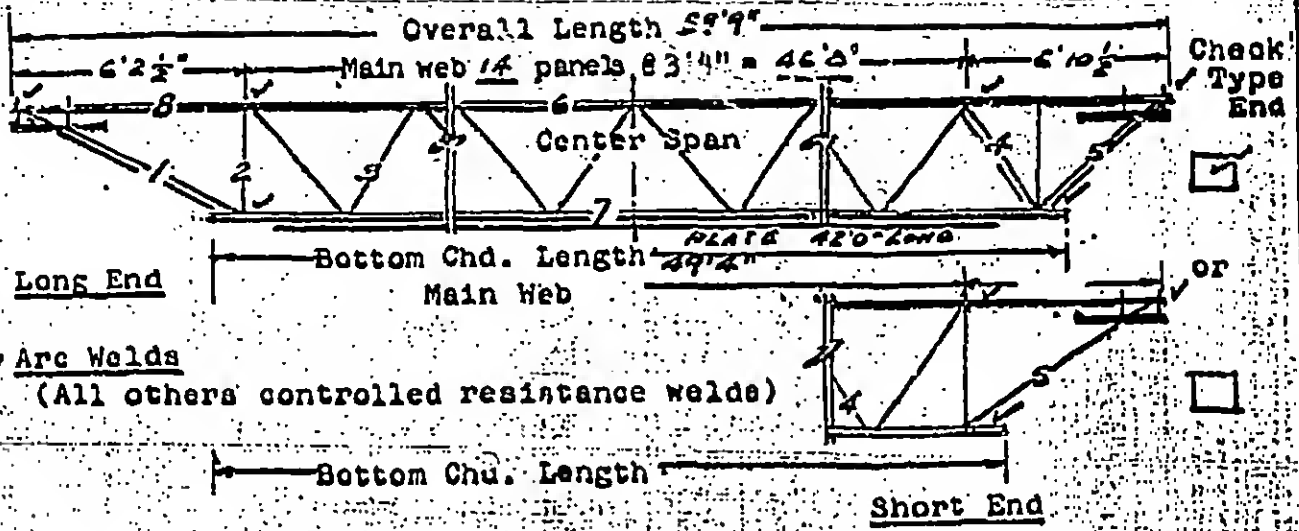
LACLEDE STEEL COMPANY

D105- T 2 -Sheet 1

WORLD TRADE CENTER
FLOOR GRID TRUSSES
DESIGN DATA

Truss Mk. 2C32T2-599

Truss Component Mk. C32T2-599



✓ 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	2	2x1½x.31"	59'7"	
Bottom Chord	7	36	2	2x1½x.31"	49'4"	
Main Web	3	441		1.14"D	86'4"	
Compression Web	4	441		1.14"D t.75"D	3'1" 5'0"	
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 x 13"	42'0"	