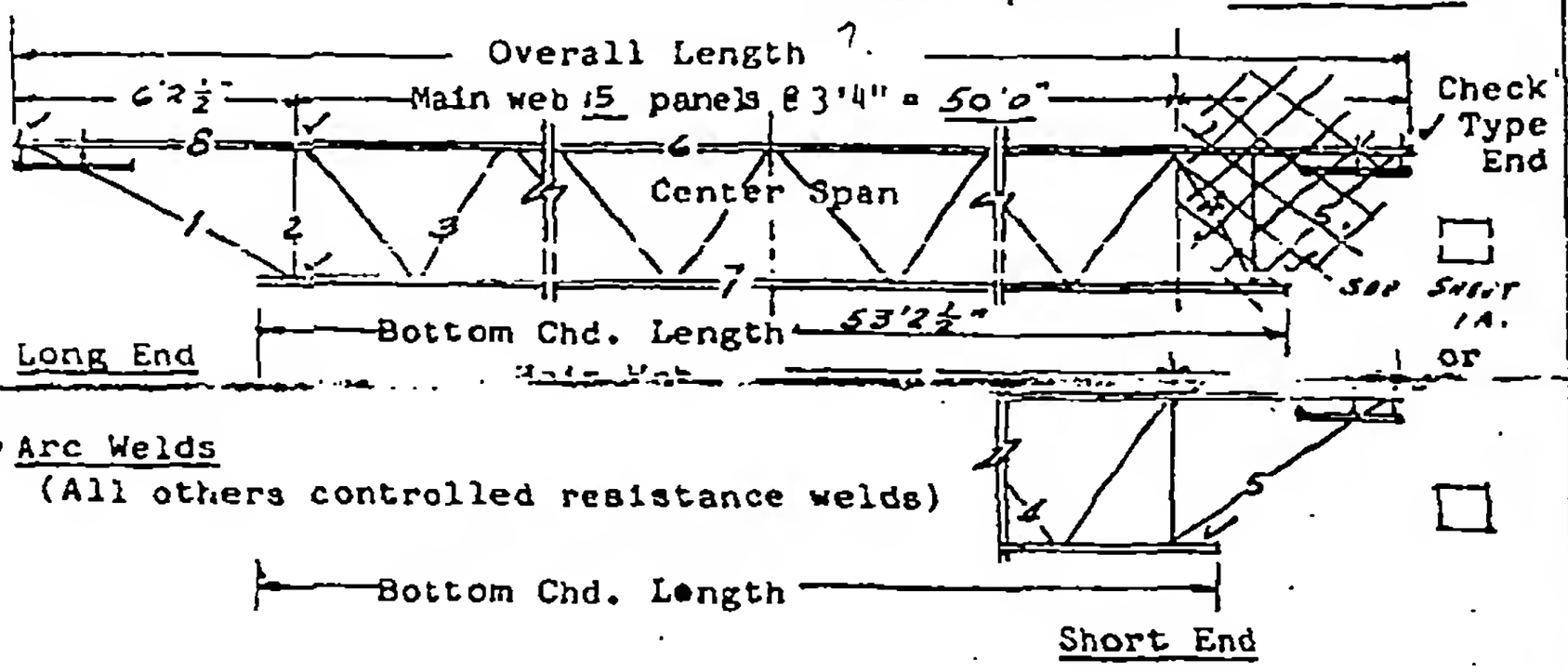
LACLEDE STEEL COMPANY

D105- T 3 -Sheet 1

WORLD TRADE CENTER
FLOOR GRID TRUSSES
DESIGN DATA

Truss Mk. 2C32T3 - 5811

Truss Component Mk. C32T3 - 5811



✓ 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	2L's 2x1½x.25	58'9"	
Bottom Chord	7	36	2L's 3x2x.33	53'2½"	
Main Web	3	36	1.09"D	9'6"	
Compression Web	4	441	1.14"D	3'1"	
Vertical End Struts	2	36	1.09"D	2-2'7½ 2 8'3½"	
Long End Diagonal	1	441	1.14"D	6'6"	
Short End Diagonal	5	441	1.14"D	2'6"	
Top Chd Att. Plate		A 36	3/8x5" (½/Truss)	9"	
Bot Chord Att. L's		36	2L's 2x1½x.25	1'3"	
" " " L's		36	2L's "	6"	