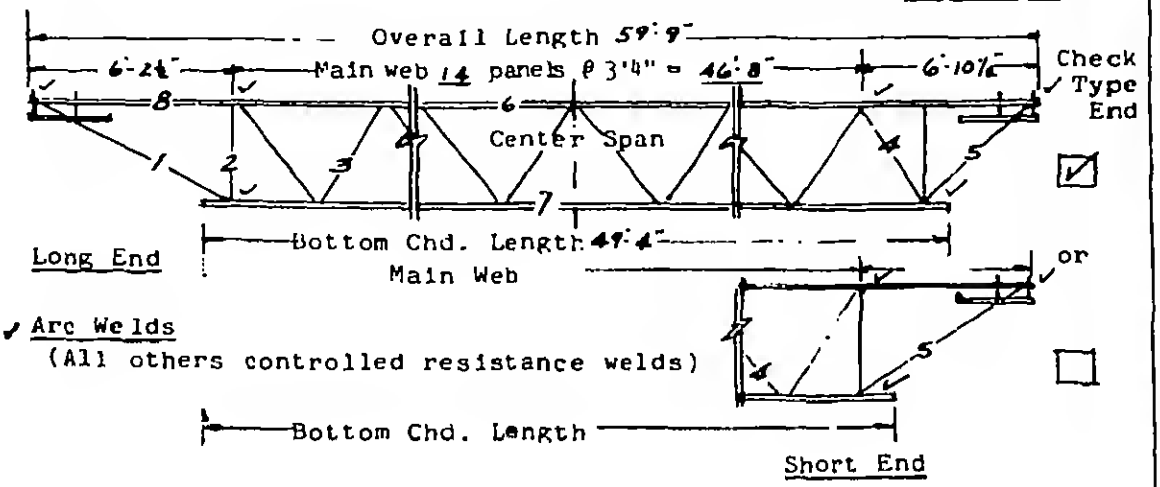
LACLEDE STEEL COMPANY

D1D5- T 1 -Sheet 1

WORLD TRADE CENTER FLOOR GRID TRUSSES DESIGN DATA

Truss Mk. 2C32T1-599

Truss Component Mk. C32T1-599



✓ 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 4".

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	2-2" x 1½" x 0.25" ∠		
Bottom Chord	7	A-36	2-3" x 2" x 0.37" ∠		
Main Web	3	A-36	1.09" DIA		
Compression Web	4	A-441	1.14" DIA		
Vertical End Struts	2	A-36	1.09" DIA		
Long End Diagonal	1	A-441	1.14" DIA		
Short End Diagonal	5	A-441	1.14" DIA		