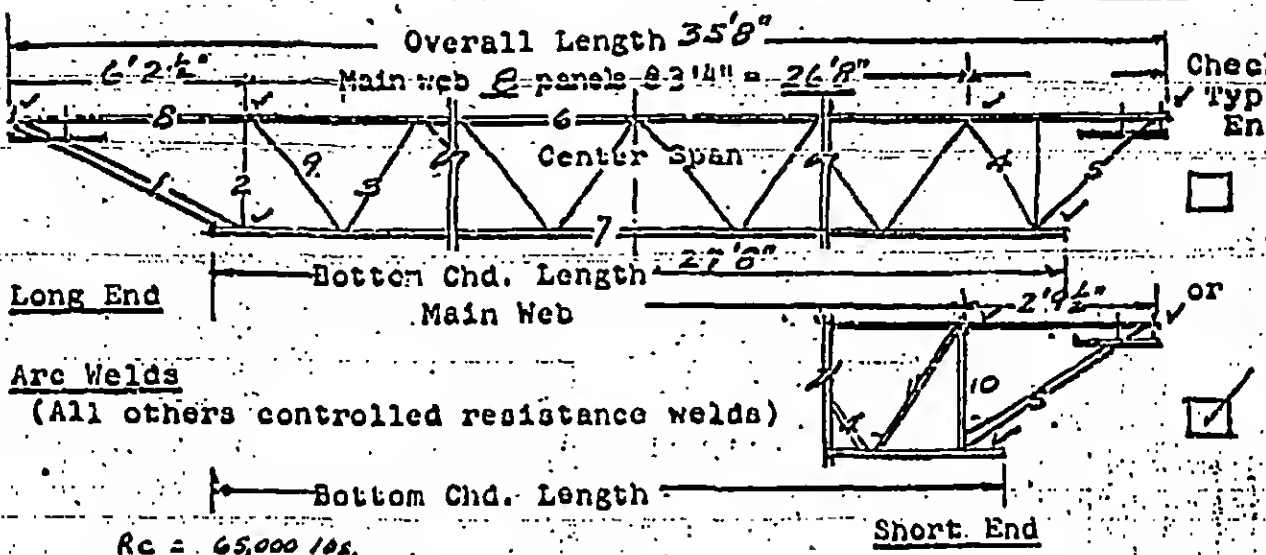
WORLD TRADE CENTER
FLOOR GRID TRUSSES
DESIGN DATA

Truss Mk. 2 C32T6-35B

Truss Component Mk. C32T6



✓ Arc Welds
(All others controlled resistance welds)

Rc = 65,000 lbs.
Wc = $\frac{Rc}{18}$ = 3,640 lbs.
Rw = 32,000 lbs.
Ww = $\frac{Rw}{18}$ = 1790 lbs.

NOTES:

Main Web - Continuous uniform section throughout Member Mk. 3. (Top chord fillers same section as Main Web - at midpoint 6 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 L's 2"x1½"x.31"	35'8"	
Bottom Chord	7	A-36	2 L's 3"x2"x.37"	27'8"	
Main Web	3	A-441	1.14"D	48'9"	
Compression Web	4	A-441	2 - 1.14"D	3'1"	
Vertical End Struts	2	A-441	1.14"D	2'7½"	
Long End Diagonal	1	A-441	1.14"D + .75"D	6'6"-6'4"	
Short End Diagonal	5	A-441	1.14"D + .75"D	3'6"-3'4"	
Short End Vertical	10	A-441	2 - 1.14"D	2 - 2'7½"	
Short End Tension	11	A-441	1.14"D + .75"D	3'1"-3'0"	