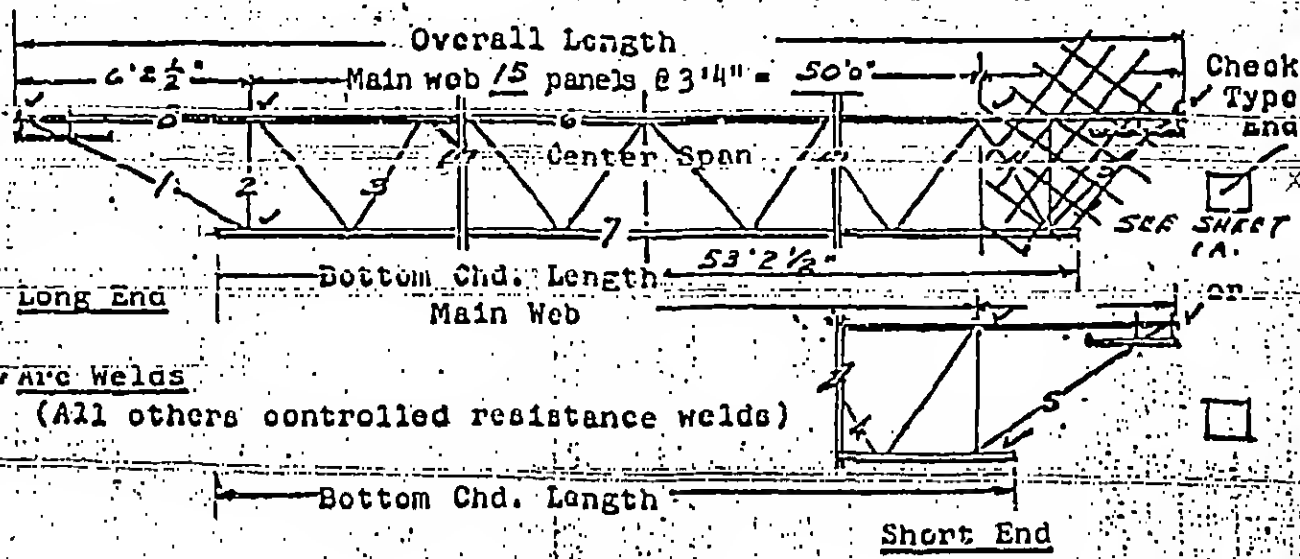
LACLEDE STEEL COMPANY D105- 2 C 32 T 3A -Sheet 1 of

# WORLD TRADE CENTER
# FLOOR GRID TRUSSES
# DESIGN DATA

Truss Mk. 2 C 32 T 3A - 5811

Truss Component Mk. C 32 T 3A.




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 | 2 x 1½ x .25 | 58'1" | |
| Bottom Chord | 7 | 36 | 2 | 2 x 1½ x .25 | 53'2½" | |
| Main Web | 3 | 36 | | 92" D | 91'6" | |
| Compression Web | 4 | 441 | | 98" D | 3'1" | |
| Vertical End Struts | 2 | 36 | | 92" D | 2-27½ & 2-3½" | |
| Long End Diagonal | 1 | 441 | | 98" D | 6'6" | |
| Short End Diagonal | 5 | 441 | | 98" D | 2'6" | |
| Top Chd. Att. Plate | | A 36 | | 6/8 x 5 (½/truss) | 9" | |
| Bott. Chd. Att. L | | 36 | 2 | 2 x 1½ x .25 | 1'3" | |
| " " " L | | 36 | 2 | 2 x 1½ x .25 | 6" | |