WTCI-1063-LERA

SKILLING - HELLE - CHRISTIANSEN - ROBERTSON Structural & Civil Engineers

PROJECT THE WORLD TRADE CENTER | TITLE CONCRETE FIRE-PROOFING | DATE 3-1-68

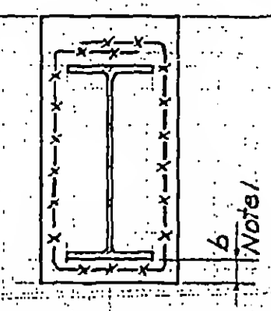
REVISIONS

1-17-69

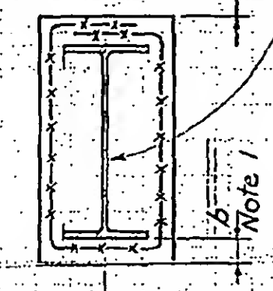
8-27-69

Note:
W steel beam shown.
Section may be WF, channel, or steel box beam-see Plans
(Typical all sections)

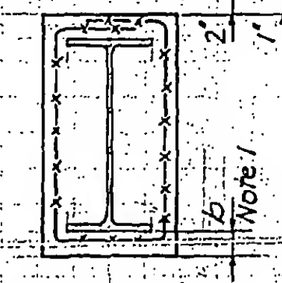
Ref. finish floor line



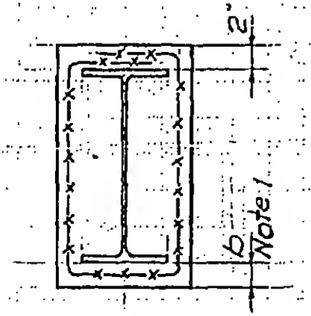
Section A-A



Section B-B



Section C-C
Section E-E



Section O-O

TABLE FOR DIMENSION "b"		
Location	Beam Size	Dimension b
Line 500 or 1000	16B or [	2½"
Line 600 or 900	16WF	3"
Elsewhere	Beam connected to one or more columns	3"
Elsewhere	Beams not connected to columns	2"

Where bottom cover plate exists, concrete fireproofing to it shall be 2" minimum

NOTES:

1. b = 3" in Tower A cores, Floor 9 & below
   b = 2" min. 3" max Tower B cores Floor 1 & below
   For other locations see table, this sheet.
2. See 8-AB1-4, 8-AB1-5 & 8-AB1-6 for typical details of concrete fireproofing. See 8-AB1-3 for typical slab details.

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
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8-AB3-2.1