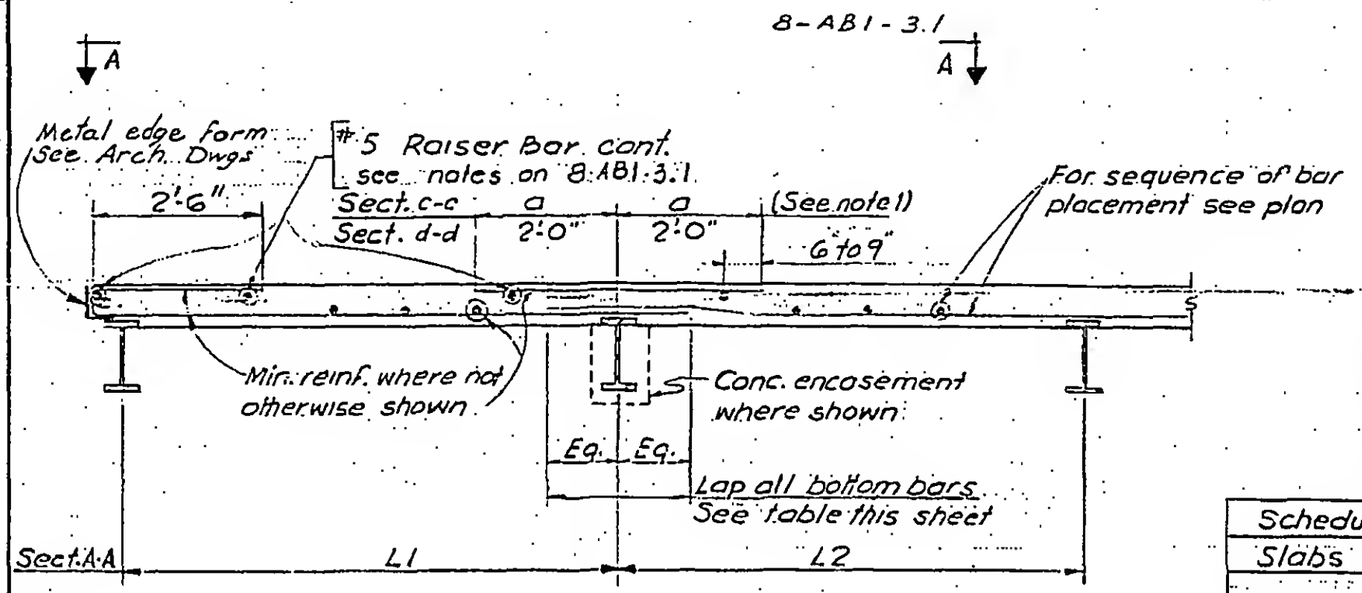
WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE TYPICAL SLAB REINF. DETAIL | DATE 3-1-68

REVISIONS

8-20-68

8-AB1-3.1



Required Lap	
Bar size	Min. lap
#3	1'-4"
#4	1'-10"
#5	2'-3"
#6	2'-8"
#7	3'-2"
#8	3'-7"

Where bars of different sizes are lapped, the lap listed for the smaller size is acceptable

Schedule of minimum reinf.
Slabs 5" thick or less - #3@12
5¼" to 6" thick - #3@10
6¼" to 8" thick - #4@12

Length of Bars
Section c-c & d-d

4. Detail 8-AB1-3 applies only where not otherwise shown, thus it does not apply to items covered by details 8-AB2 in slabs on steel deck.

NOTES:

1. For bars running in the direction of the span, "a" shall be not less than ¼L, where L is the longer of L1 and L2. Furthermore, for all bars, including those normal to the direction of the span, "a" shall be not less than 2'-0".

2. Continuous top bars shall be spliced by lapping at midspan

3. Provide bottom reinf. in all slabs, including cantilevers, at least equal to the scheduled minimum each way.

LICENSED PROFESSIONAL ENGINEER
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8-AB1-3.2