

Plotted By : DPG
Plot File : BR120SI.DGN
Plot Date : 6-17-97

Std. Base File : /usr2/stand/si/br120si.dgn
Server File : /usr2/
Server : wltch
View: PLOT

FWHA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0088-01	1999	22	38

GENERAL NOTES:

Reference is made to the latest edition of the CRSI "Manual of Standard Practice" for recommended industry practices concerning reinforcing steel.

Use only the following types of bar supports:

1) Wire Bar Supports:

- a) Epoxy coated reinforcing: Class 1 Protection
- b) Non-epoxy coated reinforcing: Class 1, 2, or 3 Protection

2) Plastic Bar Supports

3) Supplementary bars

When securing epoxy coated reinforcement, use tie wires or metal clips that are epoxy or plastic coated.

Do not weld reinforcing steel to bar supports or to other reinforcing steel. Shop weld spacer frames for haunched slabs.

Tie bars at all intersections around the perimeter of each mat and at not less than 600 mm centers or at every intersection, whichever is greater.

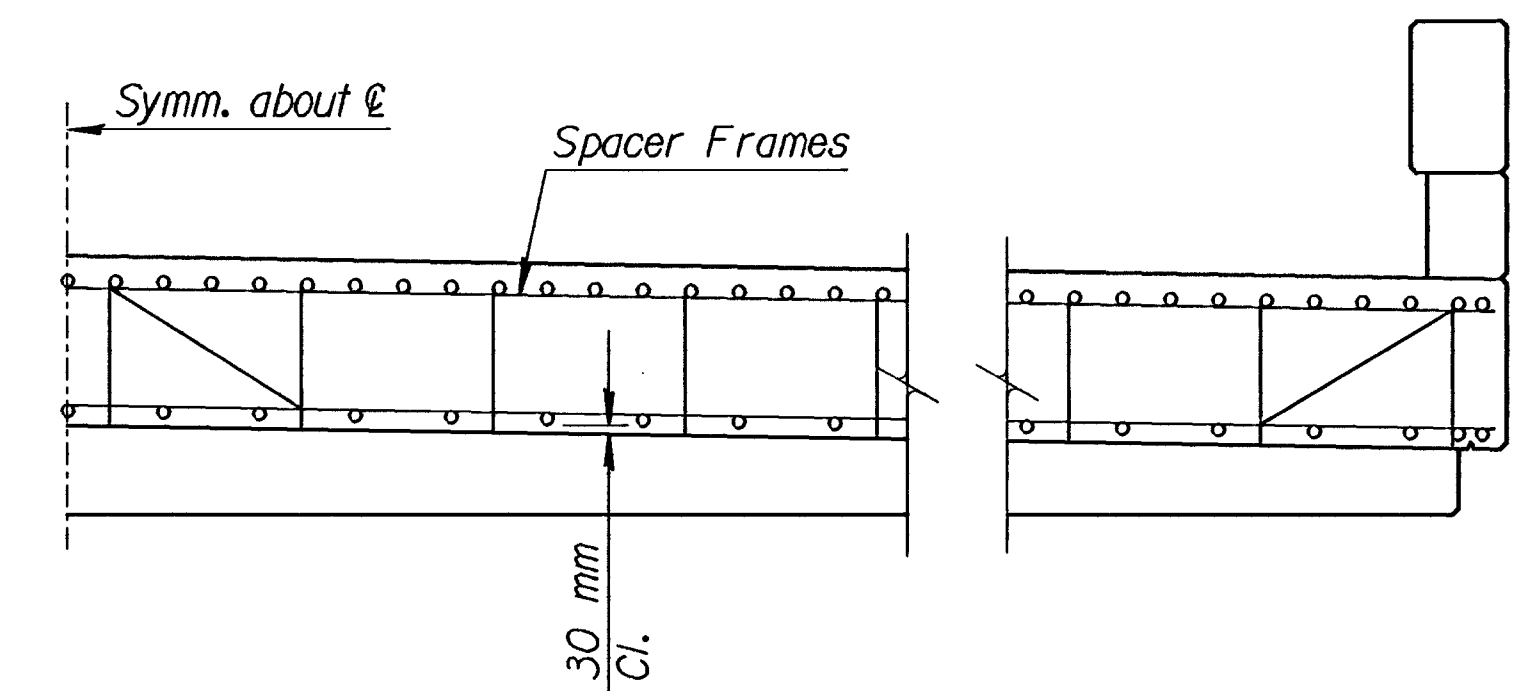
Where more than one length of bar support is required, lap the end legs so they are locked or tied together.

Use proper height supports to maintain the distance between the reinforcing and the formed surface or the top surface of deck slabs within 5 mm of that indicated on the plans.

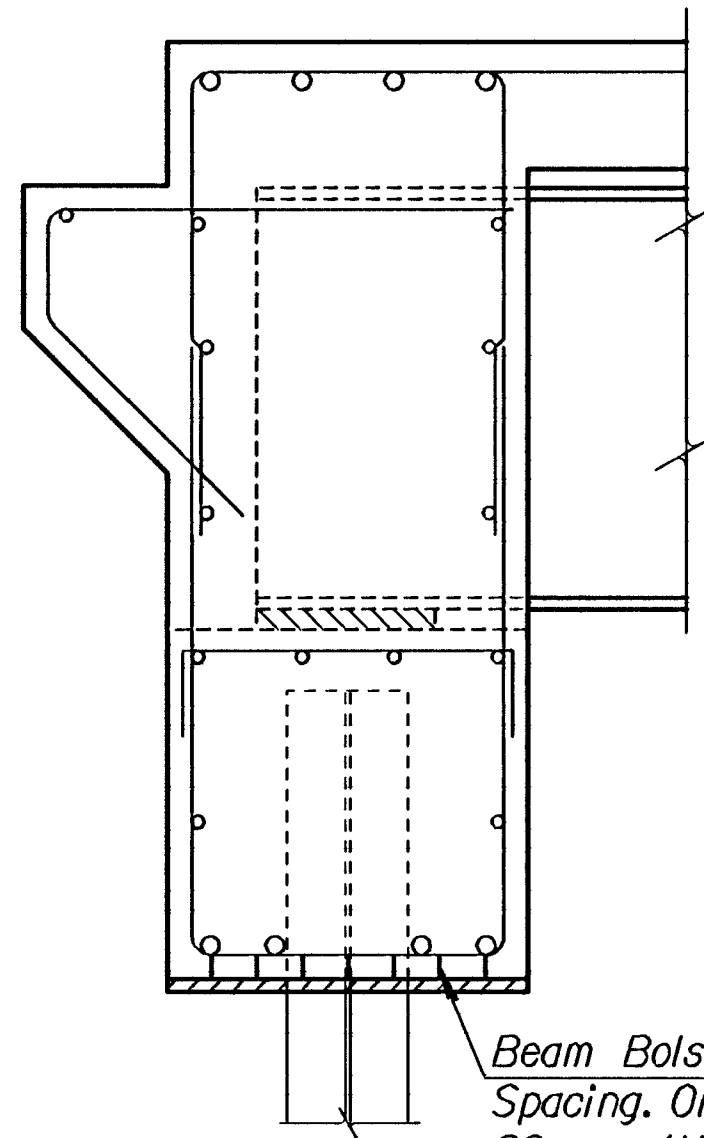
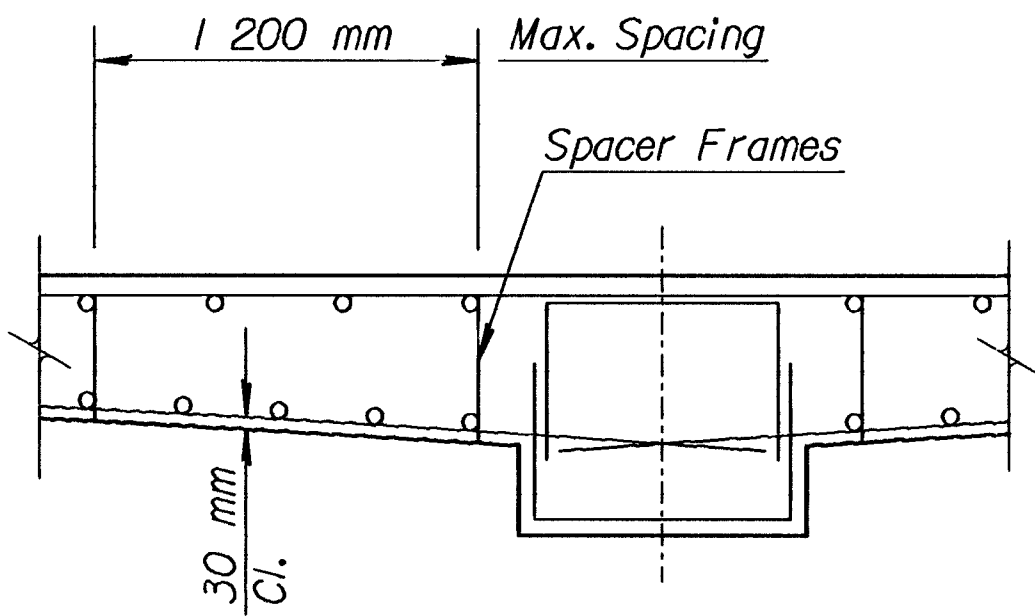
Spacings shown are maximums. Use sufficient supports, as determined by the Engineer, to retain the reinforcing steel in position.

Construct any platforms, required for the support of workers and/or equipment during concrete placement, directly on the forms and not on the reinforcing steel.

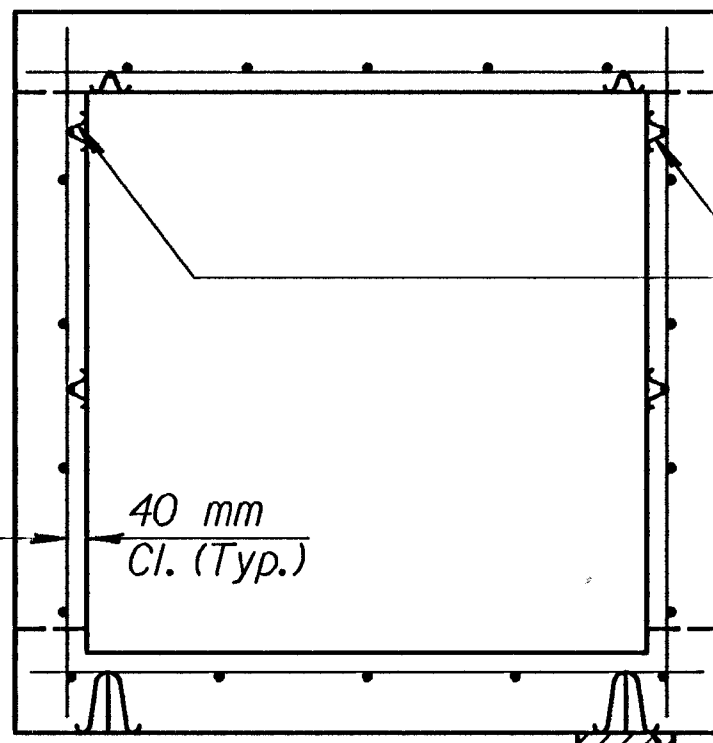
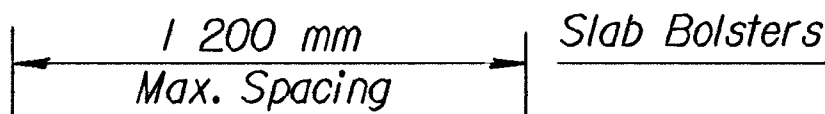
Designs and arrangements of Supports or Spacers other than as shown on this sheet, may be used with the permission of the Engineer.



CONTINUOUS HAUNCHED SLAB

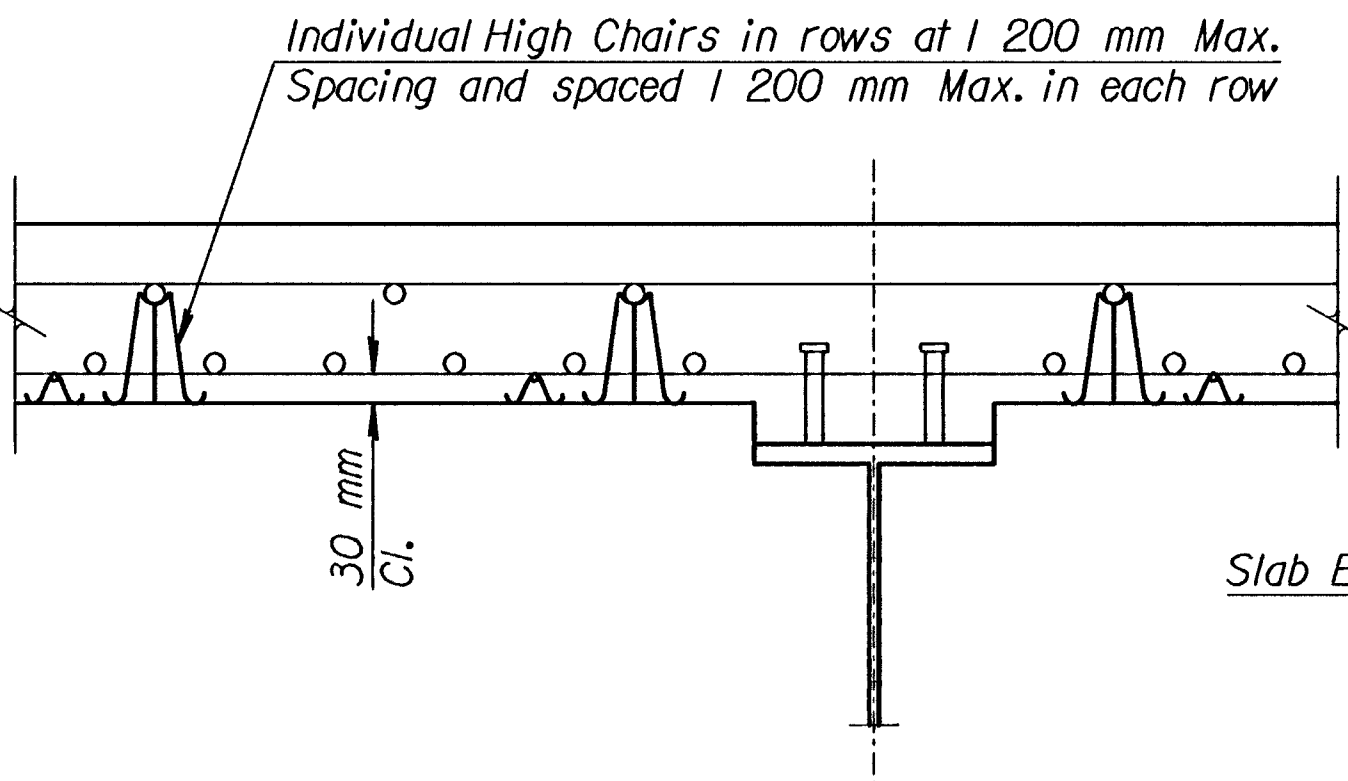


ABUTMENT

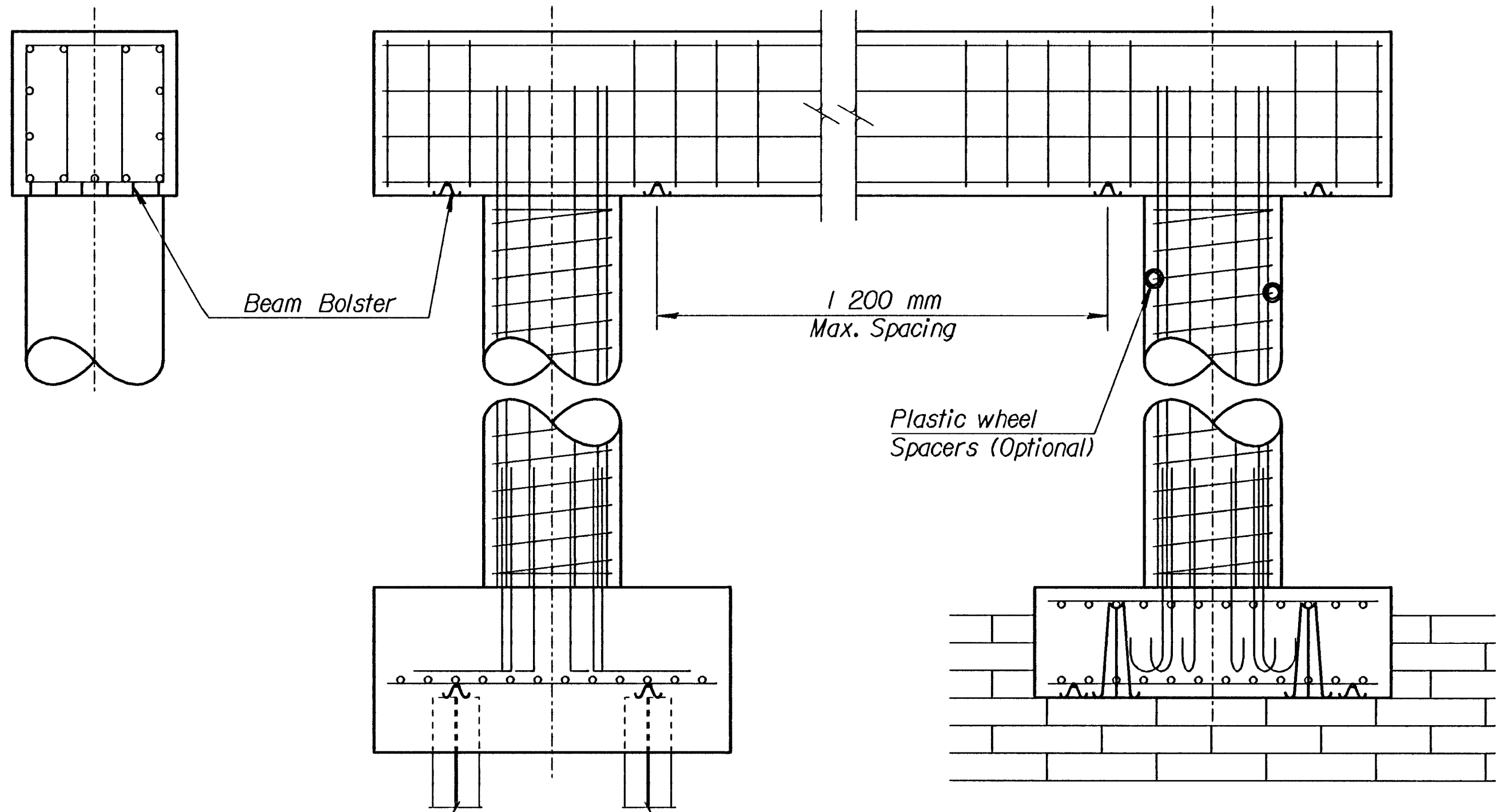
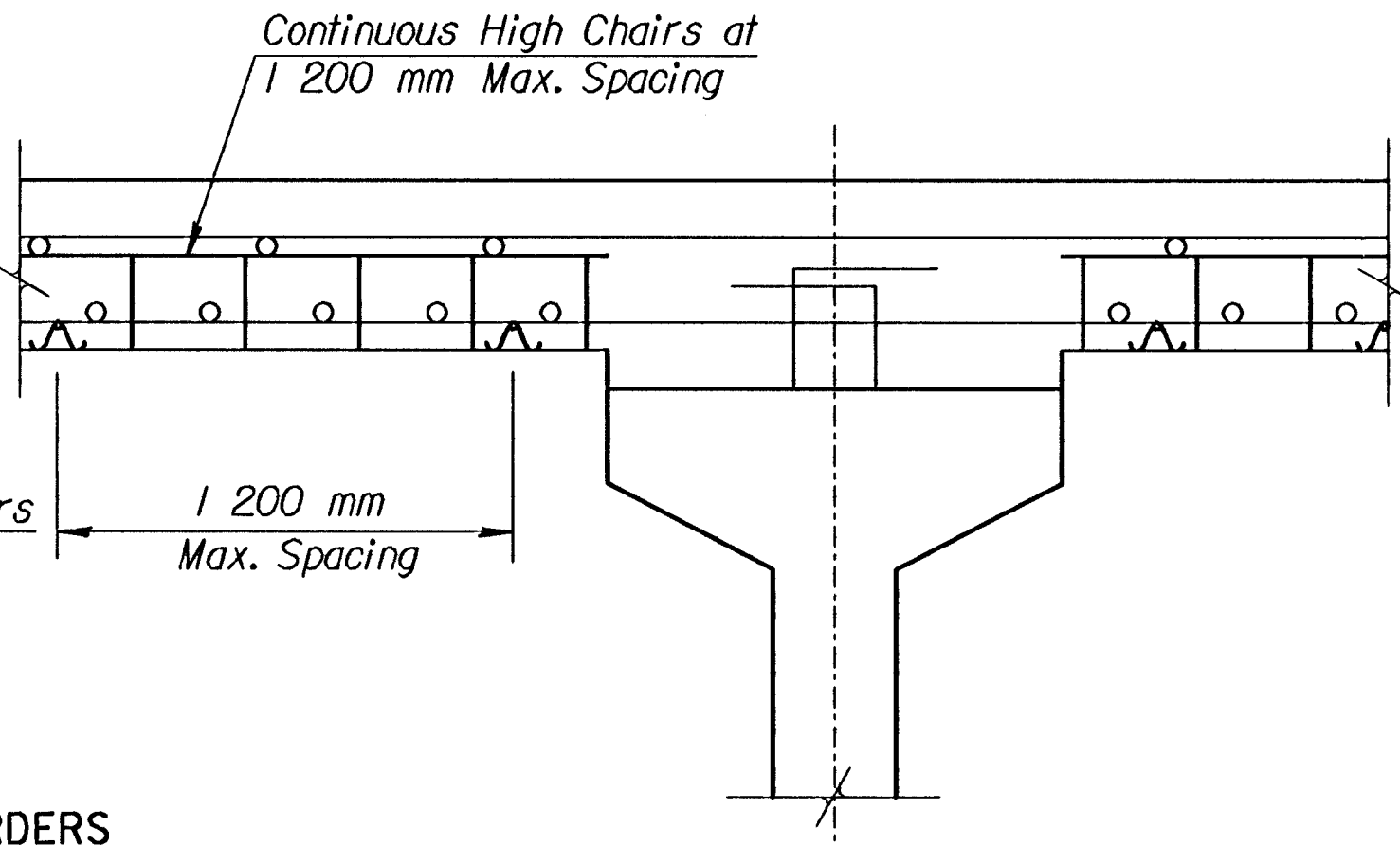


BOX CULVERT

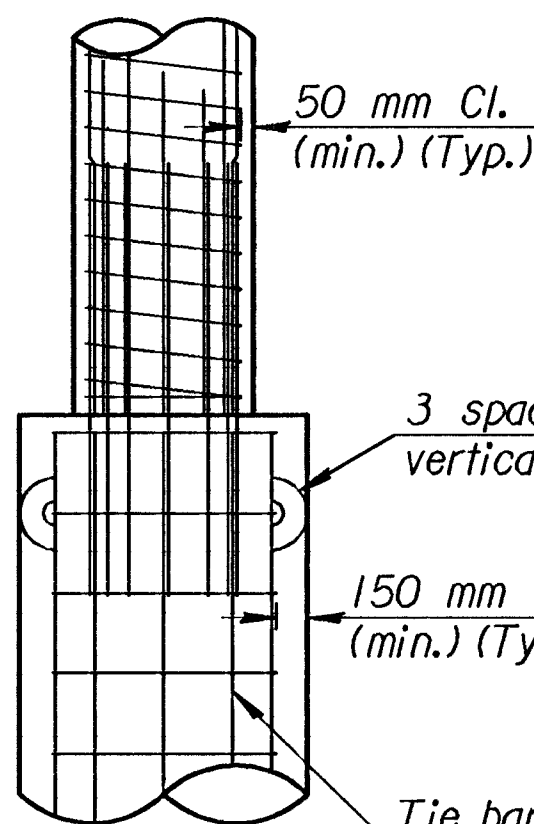
On soil bearing, equip individual high chairs with sand plates, or place chairs on a 20 mm (Min.) thick board



DECK GIRDERS



PIER



DRILLED SHAFT

Tie bars at a minimum of 75% of all intersections on drilled shaft reinforcing cage.

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

SUPPORTS AND SPACERS FOR REINFORCING STEEL

BR120 SI

DESIGNED	RAM	6-15-95	APP'D	KENNETH F. HURST
DESIGN CK.	LRR	DETAIL CK.	RAM	QUAN. CK.