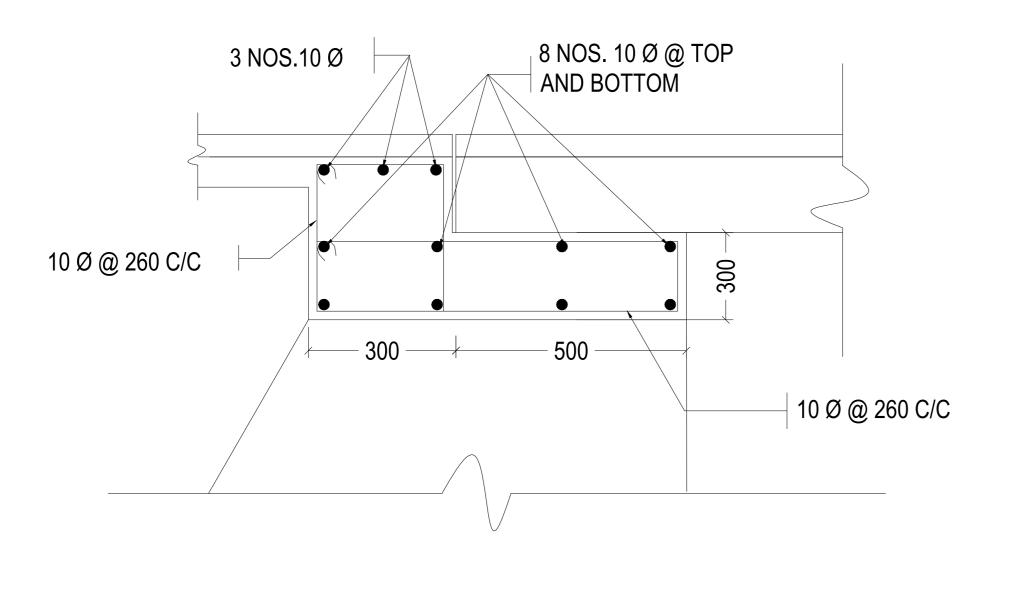
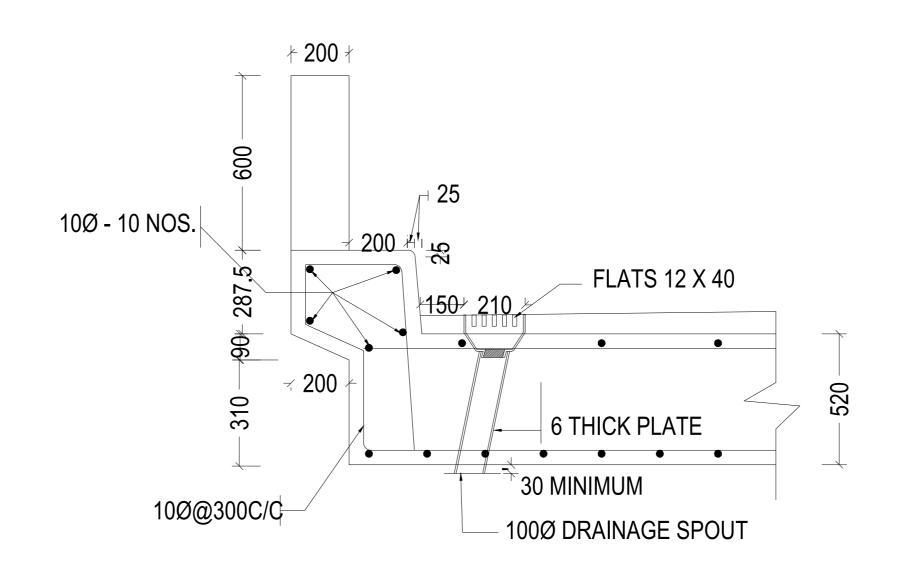


CROSS SECTION



REINFORCEMENT DETAILS OF BED BLOCK OVER ABUTMENT



KERB AND HAND RAILS

NOTES

- 1. ALL DIMENSIONS ARE IN MILLIMETRES.
- 2. THIS DRAWING IS APPLICABLE FOR SQUARE CROSSING ONLY.
- 3. THE DESIGN IS ACCORDING TO THE I.R.C BRIDGE CODES.
- 4. THE TOP SURFACE OF THE R.C.C BED BLOCKS SHALL BE RENDERED SMOOTH AND KRAFT PAPER SHALL BE PLACED OVER IT.
- 5. R.C.C SPECIFICATIONS SHALL BE FOLLOWED AS PER IS:456-2000. THE REINFORCEMENT PROVIDED IS OF HYSD BARS CONFORMING TO IS:1786-1985 (WITH AMENDMENTS).

7. 3500 LENGTH APPROACH SLAB IN R.C.C M15 GRADE SHALL BE PROVIDED ON EITHER SIDE OF THE BRIDGE.

- 6. JOINTS OR LAPPING OF BARS IN MAIN REINFORCEMENT SHALL BE AVOIDED AS FAR AS POSSIBLE. HOWEVER THE PROVISION IN CLAUSE NO. 304.6.6.2 OF IRC 21-2000 SHOULD BE STRICTLY FOLLOWED IF LAPS ARE PROVIDED.
- 8. WEARING COAT IN C.C M25 GRADE SHALL BE PROVIDED OVER ROAD SLAB AND APPROACH SLAB.
- 9. DRAINAGE SPOUTS SHALL BE PROVIDED ON BOTH SIDES OF ROAD SLAB AND MAY BE LOCATED AT THE EDGES AT CENTRE OF EACH SPAN.
- 10. THE HAND RAILING SHALL BE OF ANY APPROVED TYPE. THE REINFORCEMENT FOR HAND RAILING SHALL BE ANCHORED INTO THE KERBS.
- 11. 20 THICK EXPANSION JOINTS SHALL BE PROVIDED IN RCC DECK SLAB OVER ABUTMENTS AND GAP SHALL BE FILLED WITH ASPHALTIC FILLER.

REFERENCE DRAWINGS

1. DRAWING NO. MSC/SLRB-1.635/001/2008 - GENERAL PLAN AND SECTIONS

REVISION NO:	DRAWN	CHECKED	APPROVED	DATE
CLIENT	GOVERNMENT OF ANDHRA PRADESH IRRIGATION & CAD DEPARTMENT			
PROJECT	GANDIKOTA LIFT IRRIGATION PROJECT MALYALA SUPPLY CANAL			
111LE	SINGLE LANE ROAD BRIDGE AT KM 1.635 RCC DETAILS OF DECK SLAB, KERB AND BED BLOCK			
CONTRACTORS	M/S KBL - MCCL (JV) PUNE			
CONSULTANTS				
DRAWING NO:	5CA	LE	DA	TE .
MSC/SLRB-1.635/002/2008	AS IND	ICATED		
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