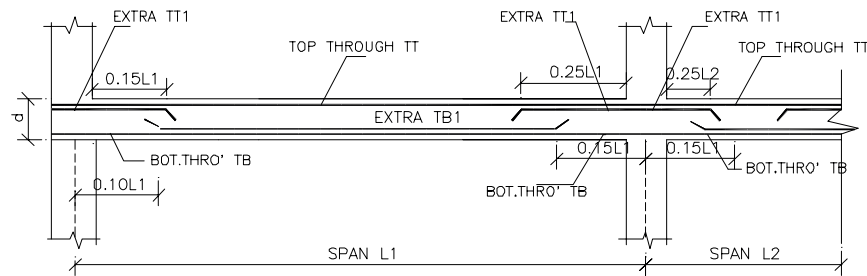
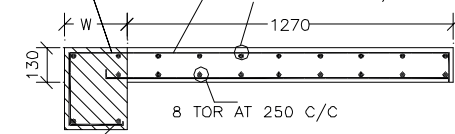


SECTION THROUGH FRONT PORTICO

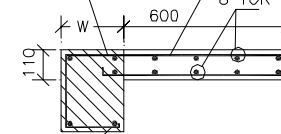


1NO OF 8 TOR TO BE TIED WITH STIRRUPS OF LINTEL IN SUCH A WAY THAT TOP BAR OF CHAJJA SHOULD PASS OVER THIS BAR



TYPICAL CROSS THROUGH REAR PORTICO

1NO OF 8 TOR TO BE TIED WITH STIRRUPS OF LINTEL IN SUCH A WAY THAT TOP BAR OF CHAJJA SHOULD PASS OVER THIS BAR



TYPICAL CROSS THROUGH CHEJJA

LINTEL BEAM	BEAM SIZE (bxd)	BOTTOM STEEL		TOP STEEL		8TOR RINGS
		THROUGH TB	EXTRA TB	THROUGH TT	EXTRA TT	
LB1	230X300	2-16 TOR	2-16 TOR	2-12 TOR	2-16 TOR	150 C/C
LB2	230X300	2-16 TOR	2-16 TOR	2-16 TOR	2-16 TOR	150 C/C
LB3	230X450	3-16 TOR	2-16 TOR	2-16 TOR	2-16 TOR	150 C/C

NOTES:

- ALL DIMENSIONS ARE IN MMS, UNLESS OTHERWISE SPECIFIED.
- DO NOT SCALE OUT THIS DRG, FOLLOW ONLY THE WRITTEN DIMENSIONS.
- ANY DISCREPANCY FOUND MAY PLEASE BE BROUGHT TO THE NOTICE OF THIS OFFICE BEFORE EXECUTION.
- THIS DRG SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRG.
- LAP LENGTHS SHALL BE:
FOR FOUNDATION, BEAMS, LINTELS, SLABS ETC.
* 47 TIMES THE DIA OF BAR FOR M20 GRADE
* 57 TIMES THE DIA OF BAR FOR M15 GRADE
FOR COLUMNS:
* 38 TIMES THE DIA OF BAR FOR M20 GRADE
* 45 TIMES THE DIA OF BAR FOR M15 GRADE
- STEEL REINFORCEMENT SHALL CONFORM TO IS 1786/1979 OF GRADE Fe 415
- GRADATION OF AGGREGATES (WITHOUT MIX DESIGN)
20MM TO 10MM - 67%
10MM TO 5MM - 33%
SPACER BAR / PIN 25 TOR AT 1000 C/C TO BE PROVIDED TO KEEP A CLEAR GAP OF 25MM BETWEEN TWO VERTICAL HORIZONTAL LAYERS OF REINFORCEMENT
- CLEAR COVER TO REINFORCEMENT:
50MM - BOTTOM OF FOUNDATION
50MM - SIDE OF FOUNDATION
65MM - FOR COLUMNS BELOW PLINTH LEVEL
40MM - FOR COLUMNS ABOVE PLINTH LEVEL
25MM - FOR BEAMS
15MM - LINTELS, CHAJJAS, & SLABS
- CONCRETE SHALL BE OF M15 GRADE

KARNATAKA POWER TRANSMISSION CORORATION LTD									
220KV SUB STATION CONTROL ROOM			DETAILS OF LINTELS, PORTICO & CHAJJA OF GROUND FLOOR					SHEET 2 OF 2	
DRG NO: CEE(P & C)/SE(C)/06-07/220/005								F <	