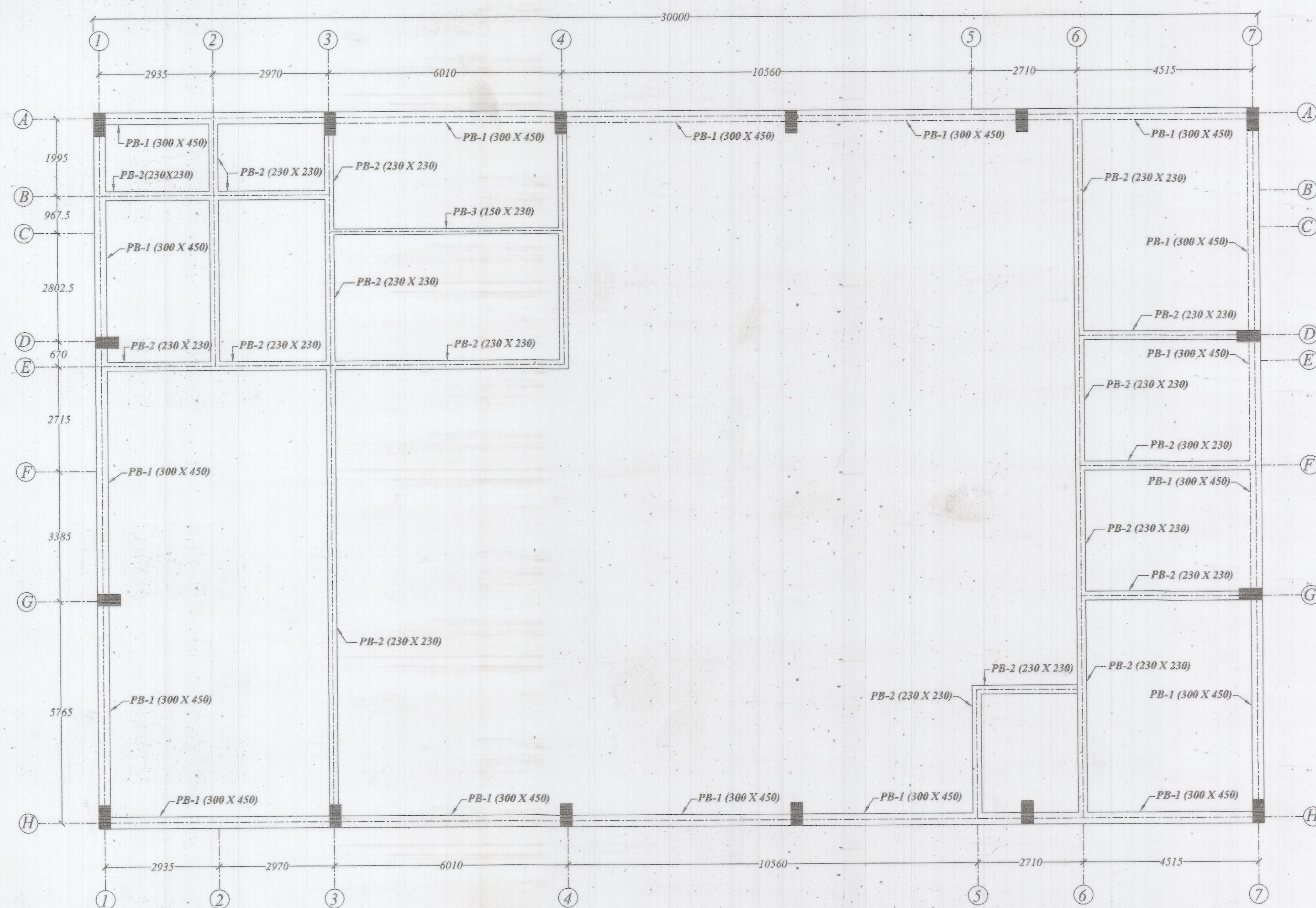
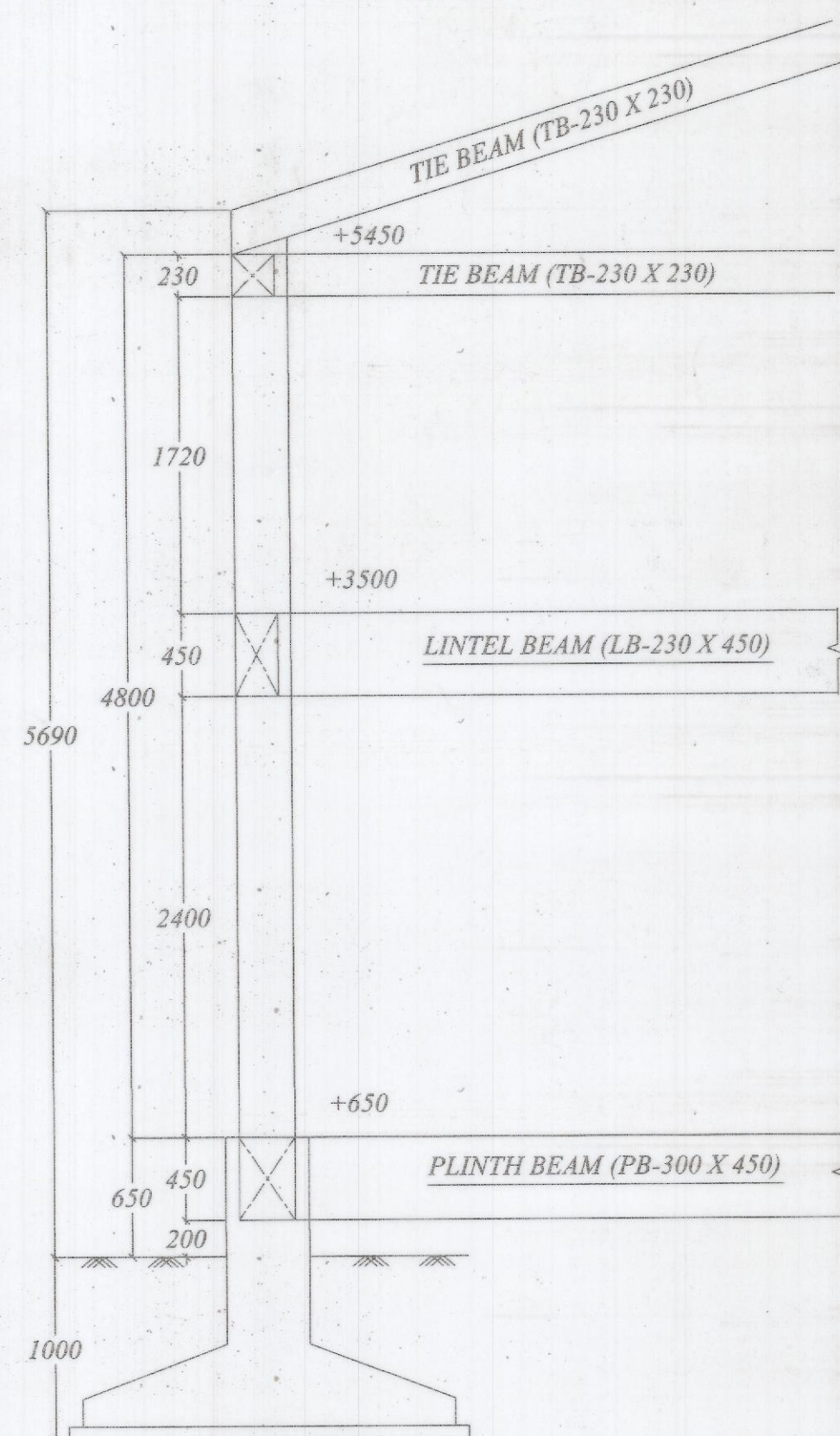
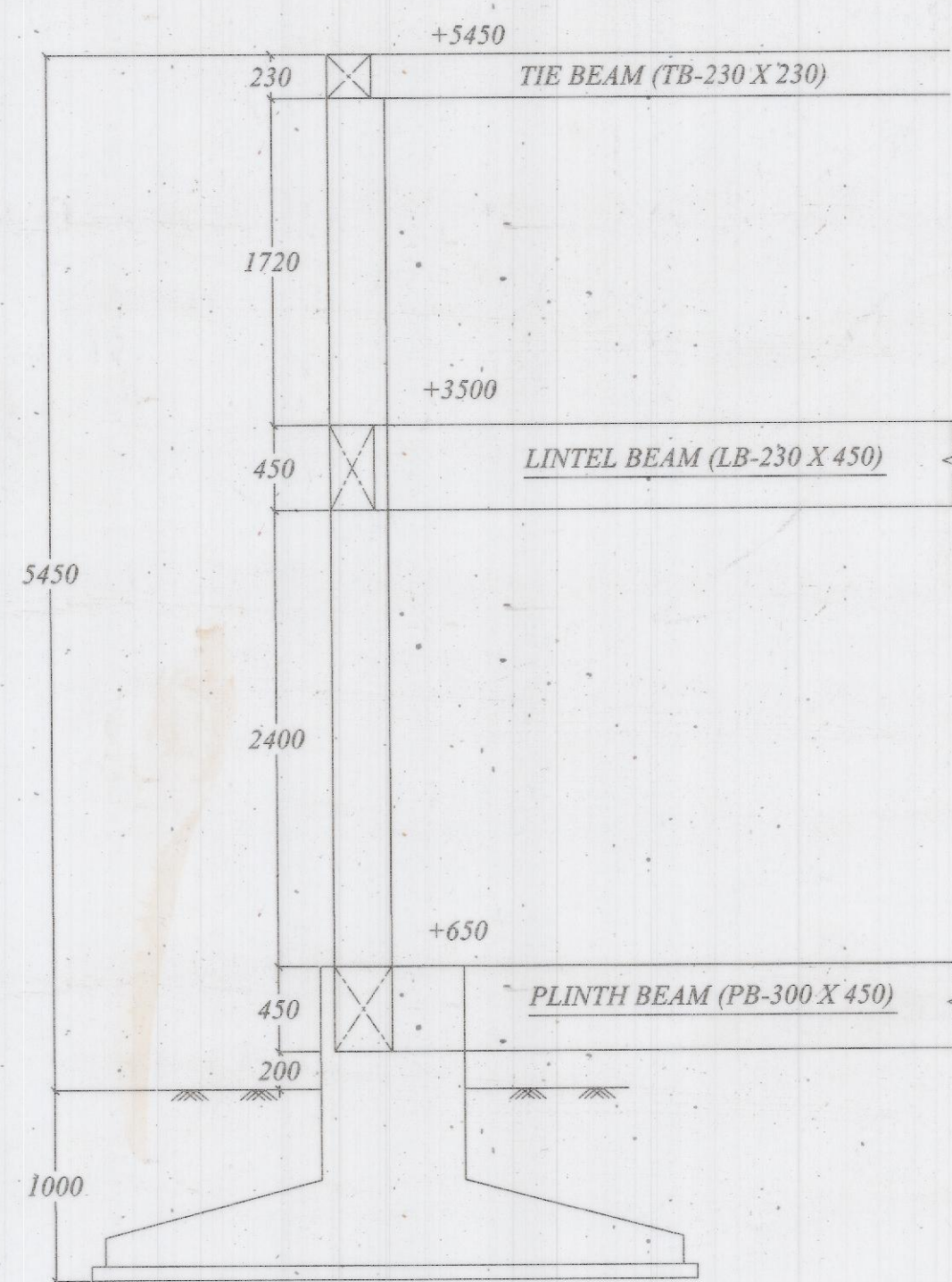




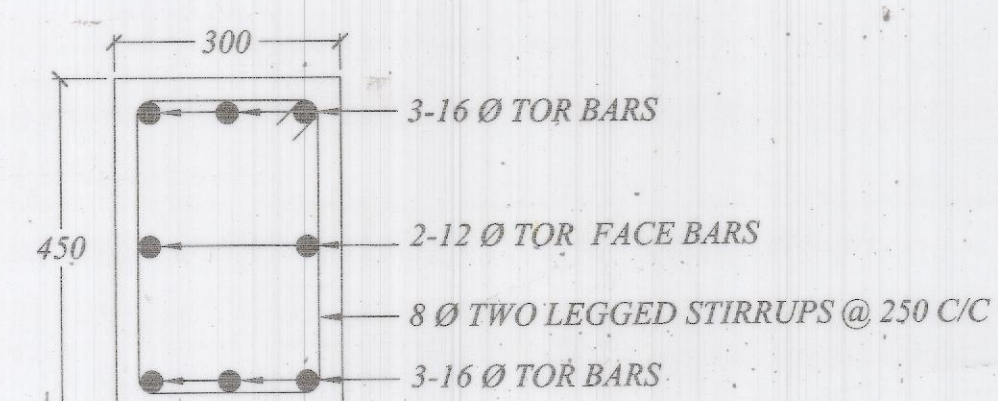
PLAN FOR PLINTH BEAMS (PB)



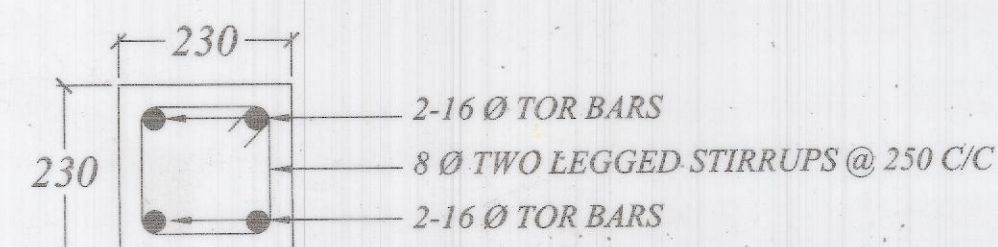
LEVEL OF DEFERENT BEAMS IN FRONT ELEVATION



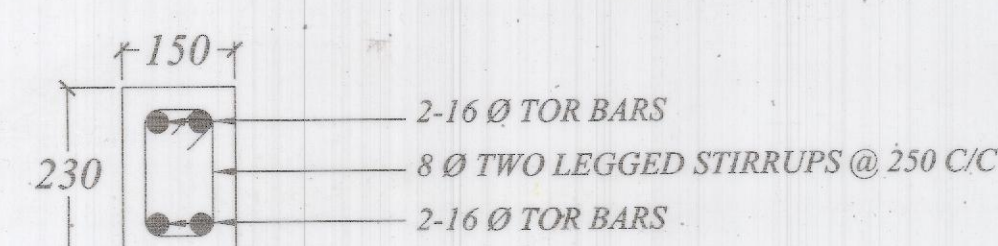
LEVEL OF DEFERENT BEAMS IN SIDE ELEVATION



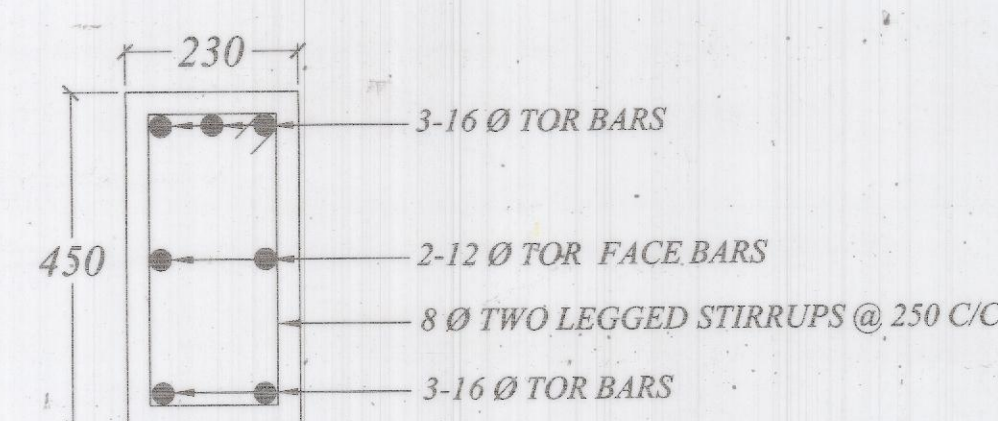
X-SECTIONAL DETAILS OF PB-1 (300 X 450)



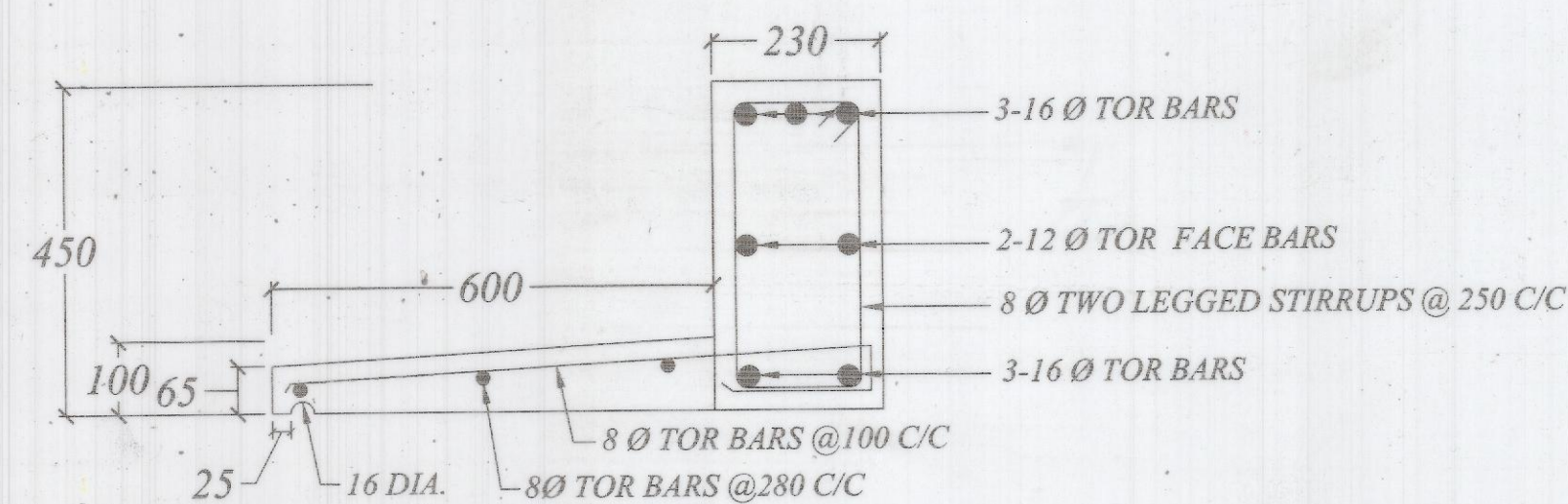
X-SECTIONAL DETAILS OF PB-2 (230 X 230)



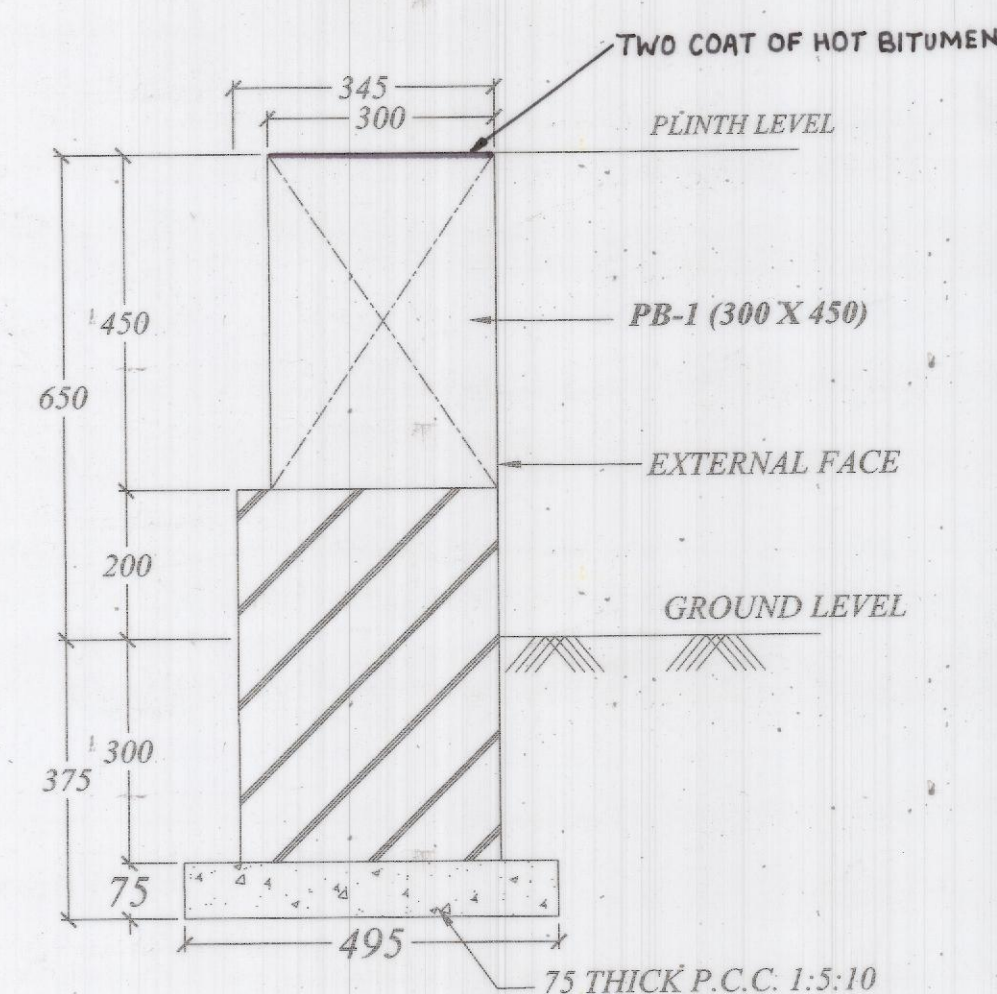
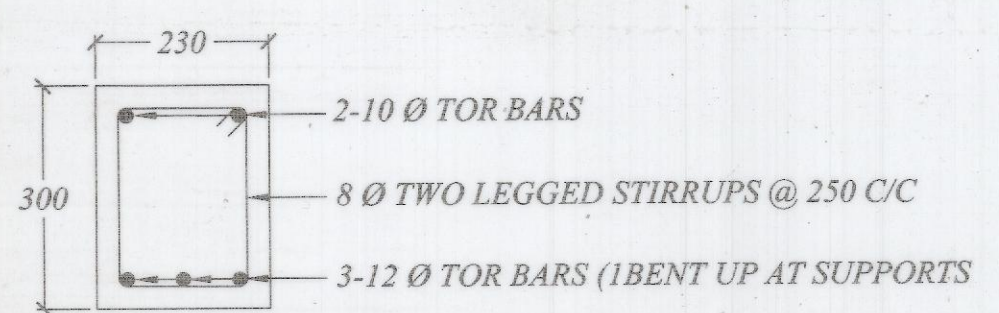
X-SECTIONAL DETAILS OF PB-3 (150 X 230)



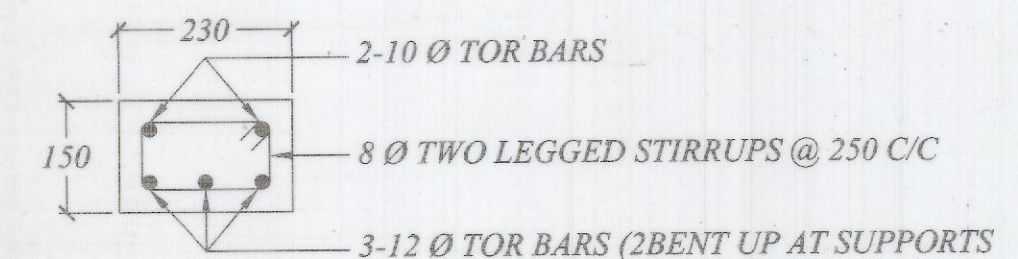
X-SECTIONAL DETAILS OF LB (External) (300 X 450)



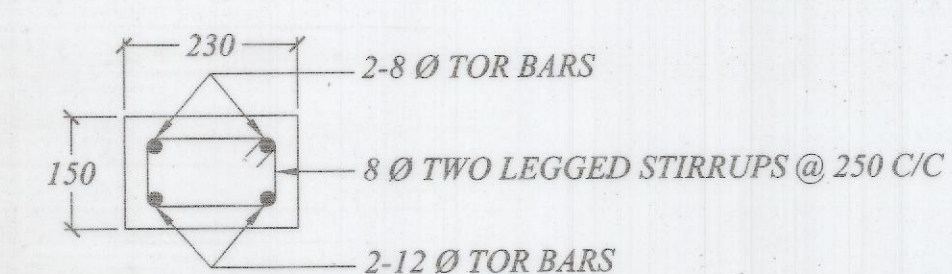
X-SECTIONAL DETAILS OF LB (External) (230 X 450) WITH CHHAJJA/SUNSHED

X-SECTION FOR BRICK WORK
UNDER PLINTH BEAM IN OUTER WALL

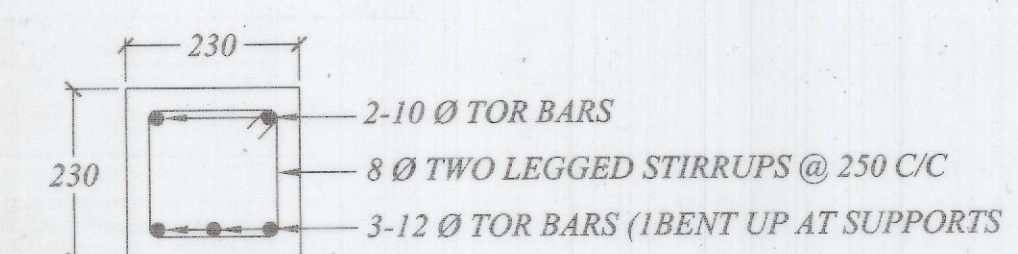
X-SECTIONAL DETAILS OF LB (230 X 300) FOR D-1 & W-2



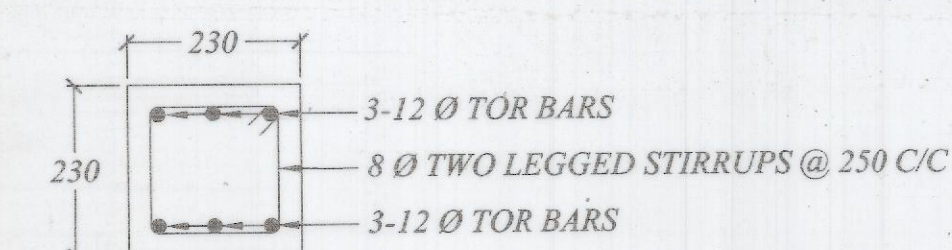
X-SECTIONAL DETAILS OF LB (230 X 150) FOR D-2



X-SECTIONAL DETAILS OF LB (230 X 150) FOR D-3



X-SECTIONAL DETAILS OF LB (230 X 230) FOR W-4



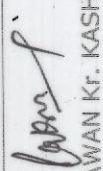
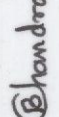
X-SECTIONAL DETAILS OF TIE BEAM (TB 230 X 230)

- FOR GENERAL ARRANGEMENT REFER N.R.H.Q.E PLAN NO. HQ/08/10-2015.
- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED.
- ALL R. C. C. WORK SHALL BE IN NOMINAL MIX CONC. M 20 AS PER IS 456-2000 CODE OF PRACTICE FOR PLAIN AND REINFORCED CONC.
- CONCRETING SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATION LAID DOWN IN IS 456-2000.
- PROPER CURING OF CONC. TO ACQUIRE HARDNESS, STRENGTH AND OTHER PROPERTIES ESSENTIAL FOR SATISFACTORY SERVICE SHALL BE ENSURED.
- ALL CONCRETE SHALL BE MECHANICALLY MIXED AND VIBRATED.
- COVER TO REINFORCEMENT SHALL NO WHERE BE LESS THAN THAT SHOWN ON THE PLAN OR AS SPECIFIED IN IS 456-2000.
- ONLY HIGH YIELD STRENGTH COLD TWISTED DEFORMED BARS CONFIRMED TO IS 1786-1985 HAS TO BE USED.
- PARTICULAR CARE MUST BE TAKEN TO ENSURE THAT
 - NO SAG OCCURS IN THE REINFORCING BARS DURING CONSTRUCTION.
 - THE BARS ARE EFFECTIVELY TIED WITH WIRE TO THE MAIN REINFORCING BARS.
- LENGTH OF SPLICE WHERE BARS OBTAINED ARE OF SHORTER LENGTH, SHALL NOT BE LESS THAN 60 TIMES THE DIAMETER OF SUCH BARS.
- SPLICES SHALL NOT BE GIVEN AT SUPPORT OR AT CENTER OF SPAN, THESE SHALL PREFERABLY BE LOCATED AT QUARTER SPAN POINTS.
- THE NUMBER OF BARS SHALL BE DECIDED FROM THE SPACING MENTIONED ON THE PLAN AND NOT BY COUNTING THE BARS.
- ALL R. C. C. WORK MUST BE CARRIED OUT UNDER THE PERSONAL SUPERVISION OF AN EXPERIENCED CIVIL ENGINEER.

CLEAR COVER TO BE AS FOLLOWS

- FOR BEAM ——— 25 MINIMUM OR TWICE DIA OF BAR WHICHEVER IS MORE

BY: C.E.P&D
A.V. MITTAL
AXENP&D
N.K. MALIK

 DRAWN BY (PAVAN K. KASHYAP) J.E/D&D	 CHECKED BY (BISHA CHANDRA) S.E./D&D	 SSE/D&D (K.P. DANGI)	NORTHERN RAILWAY
			MECHANIZED LAUNDRY 2T/1T
			R.C.C. DETAIL OF PLINTH BEAM, LINTEL BEAM & TIE BEAM
SCALE : 1:80, 1:35, 1:10.			
H.Q. CASE NO. : 104-W/O/ Pt-III			
CANCEL HQ PLAN NO. :			
N.R.H.Q.E. PLAN NO. : HQ/08/10-2015 SHEET NO: -3			