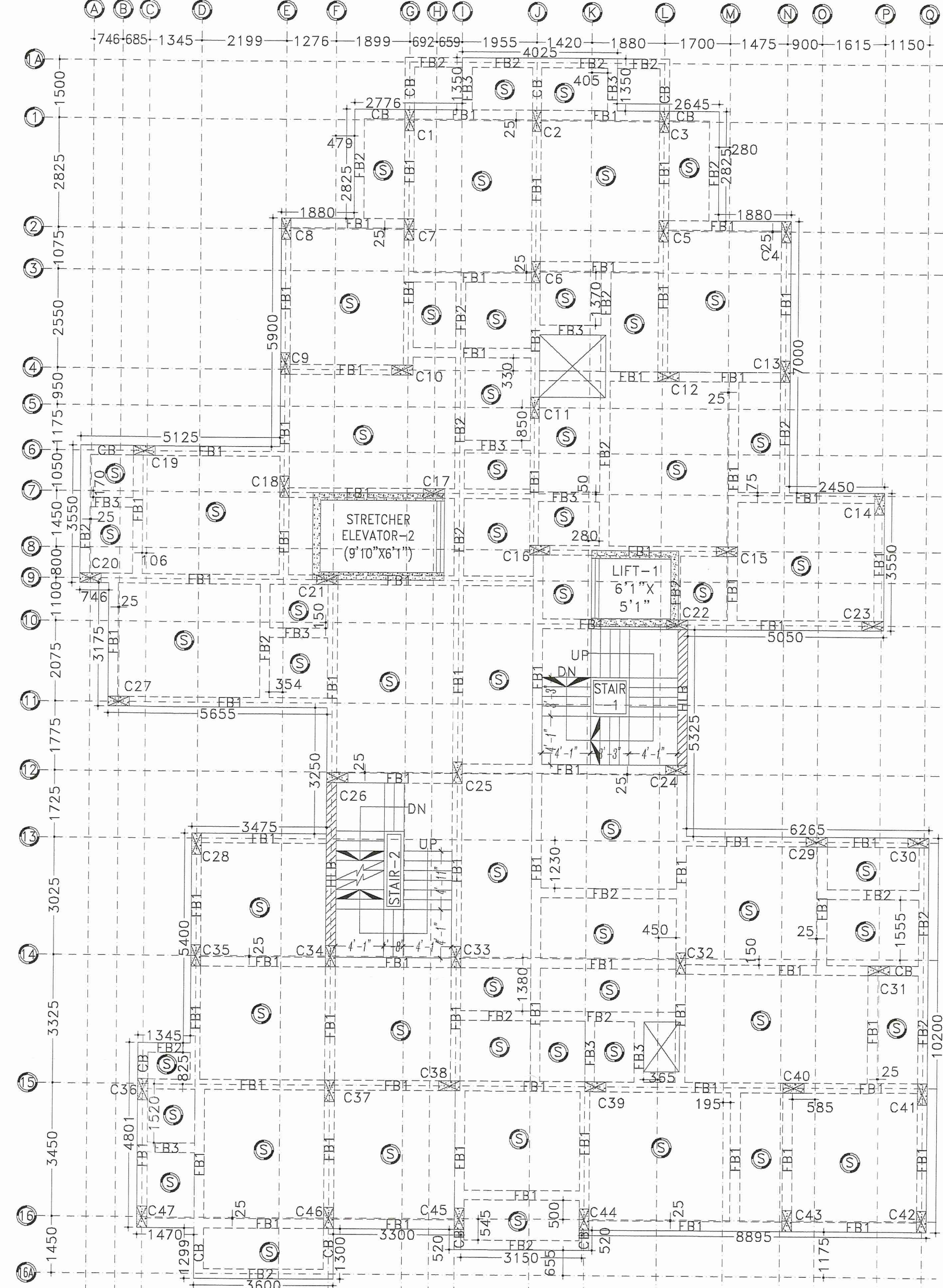
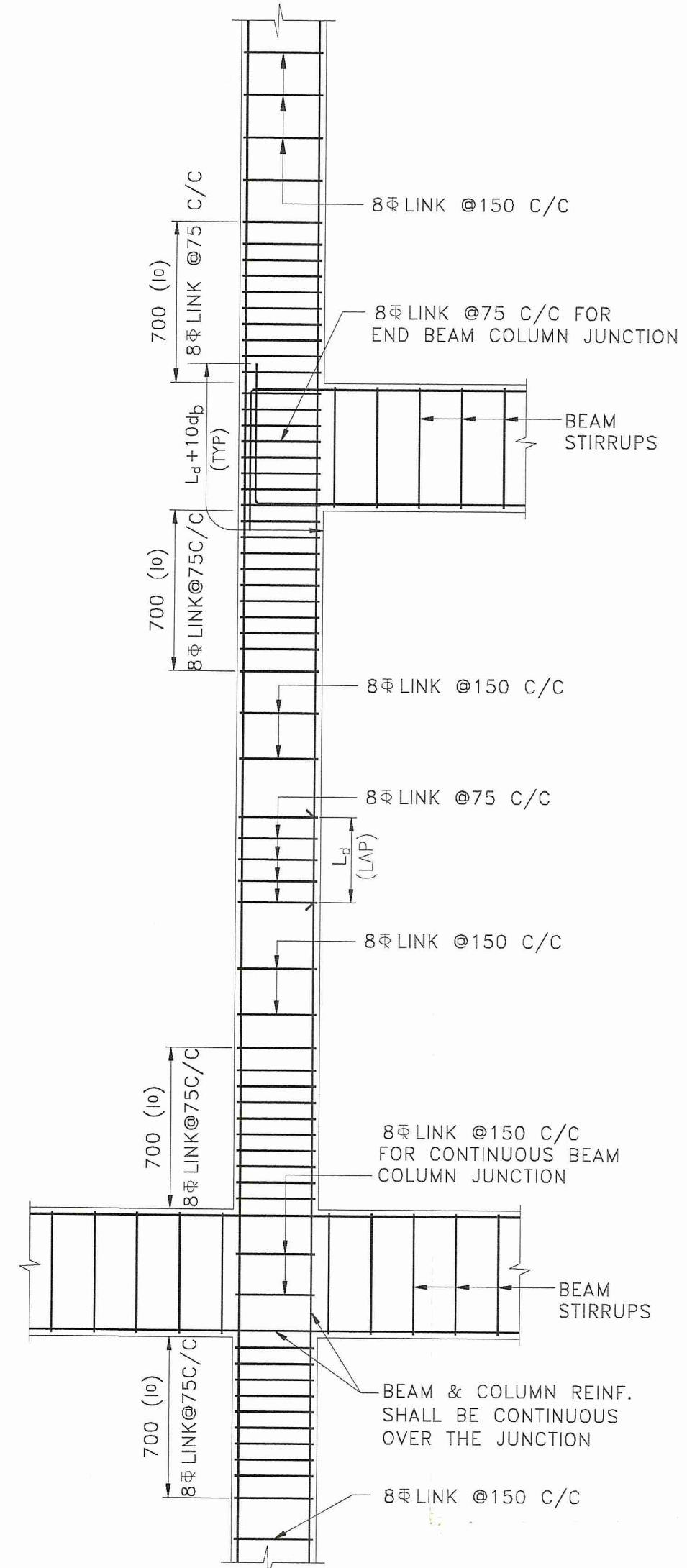


1 TIE BEAM LAYOUT PLAN
SCALE: 1:100



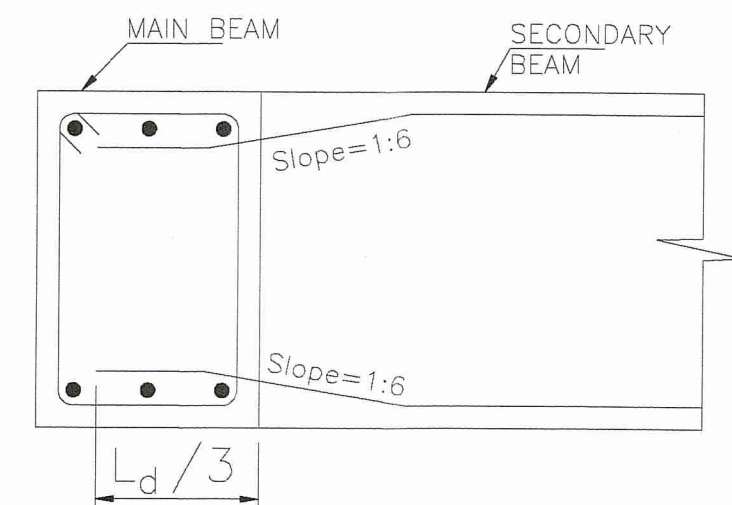
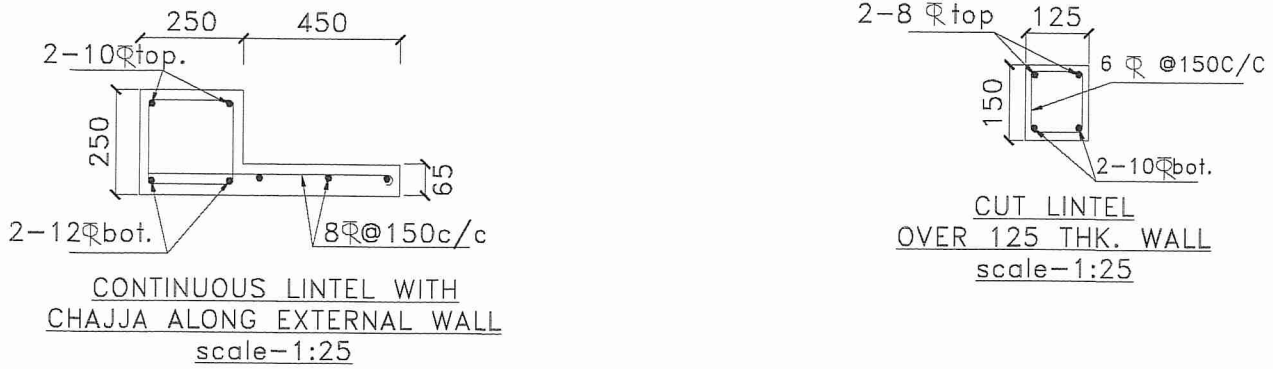
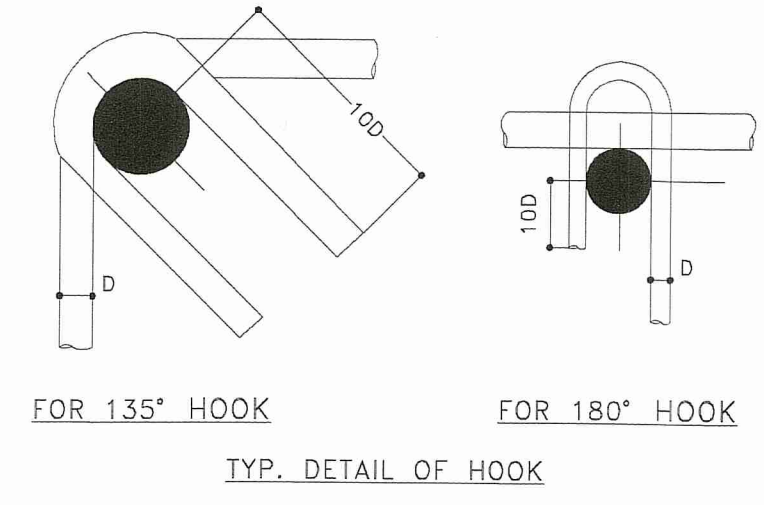
2 1ST TO 6TH FRAMING LAYOUT PLAN
SCALE: 1:100



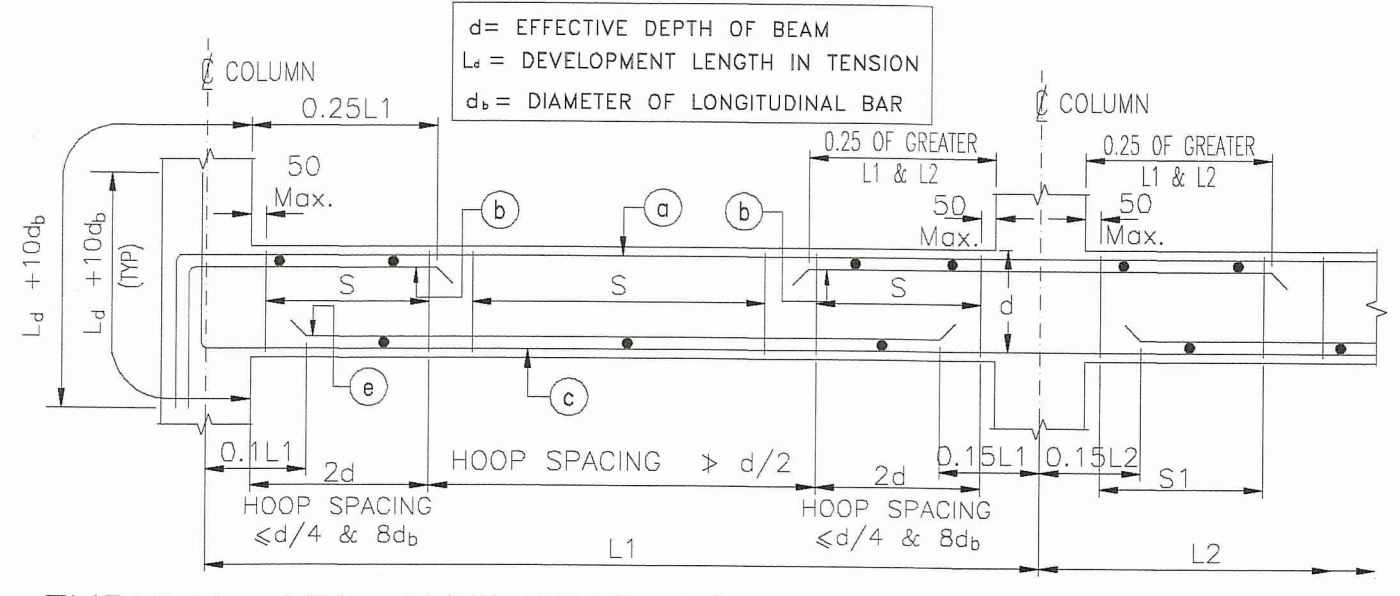
TYPICAL DETAIL OF BEAM COLUMN JUNCTION
SCALE N.T.S

TABLE NO:-01 (SCHEDULE OF TIE BEAM)

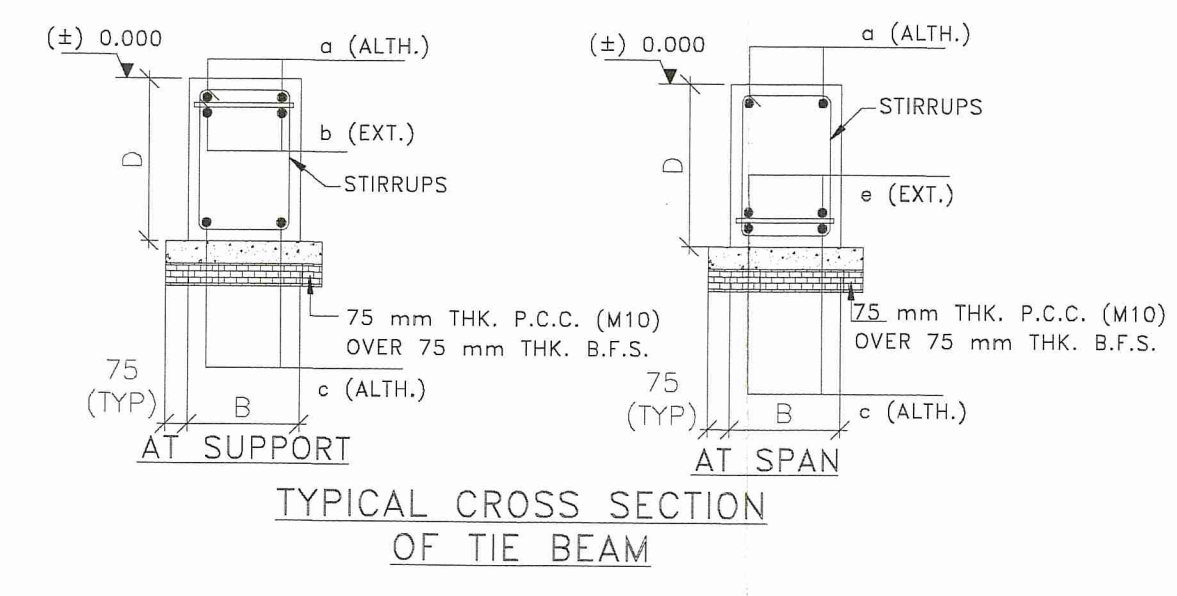
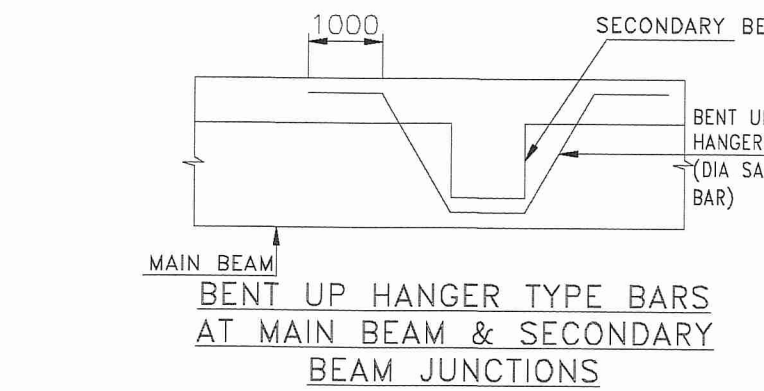
Beam Mkd	Size	All Through	Ext. at End Top(a) Bot.(c)	Ext. at End Span (e)	Ext. at Cont. Supp. (b)	Cont. Supp. (b)	STIRRUPS
TB	250 x 450	2-20R	2-20R	2-16R	2-16R	2-16R	2L-8R@125C/C 2L-8R@125C/C



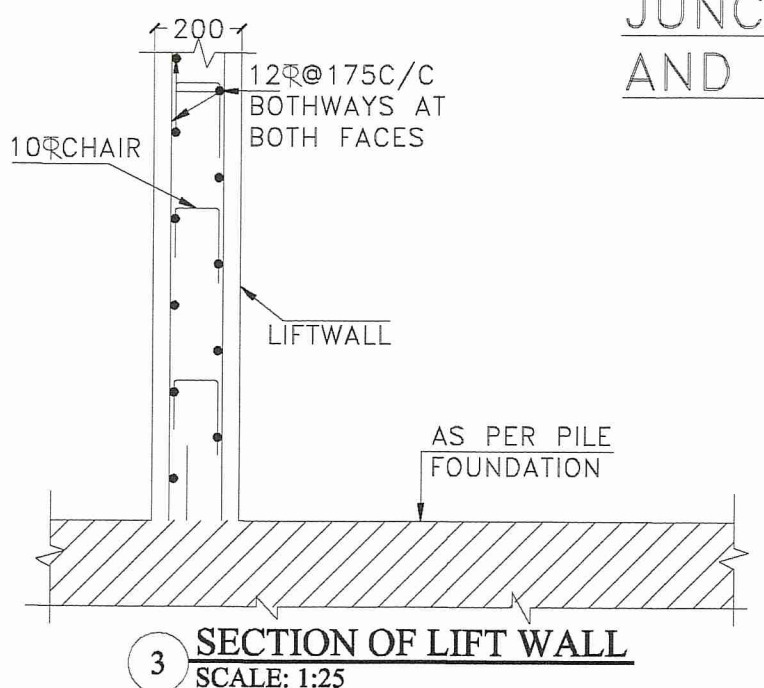
JUNC. OF MAIN AND SEC. BEAM



TYPICAL ARRANGEMENT OF REINFORCEMENT IN BEAM
FIGURE NUMBER-1



TYPICAL CROSS SECTION OF TIE BEAM



3 SECTION OF LIFT WALL
SCALE: 1:25

PROJECT NAME:-
STRUCTURAL DRAWING OF PROPOSED (G+8) NINE STORIED RESIDENTIAL BUILDING (BLOCK-03) OF SHRI. RAMPRASAD ADHIKARY, S/O MR. PARIMAL ADHIKARI, (DEVELOPED BY SHREE BUILDERS) L.R. PLOT NO-208,209,210,212/707, L.R. KHATIAN NO-2219,907, J.L.NO-210, MOUZA-SANBANDA, P. S - BANKURA, DIST-BANKURA.WEST BENGAL-722180.

NOTES :-
1. (±) 0.00 m LEVEL REFERS TO E.G.L.
2. UNLESS OTHERWISE STATED ALL CONSTRUCTION ACTIVITIES SHALL BE CARRIED OUT CONFORMING TO RELEVANT (INDIAN) STANDARD CODES OF PRACTICE.
3. ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METER. EXCEPT OTHERWISE MENTIONED ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. ALL LEVELS GIVEN IN STRUCTURAL DRAWINGS ARE IN ACCORDANCE WITH ARCHITECTURAL DRAWINGS AND INDICATE STRUCTURAL LEVEL ONLY (WITHOUT FINISH). HOWEVER ARCHITECTURAL DRAWING TO BE COORDINATED FOR ALL LEVELS.
4. ALL STRUCTURAL DRAWINGS SHALL BE READ ALONG WITH THIS DRAWING AS WELL AS RELEVANT ARCHITECTURAL DRAWINGS.
5. ANY DISCREPANCY IN THE STRUCTURAL AND ARCHITECTURAL DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF STRUCTURAL CONSULTANT BEFORE EXECUTION OF WORK.
6. UNLESS OTHERWISE SPECIFIED ALL REINFORCEMENT TO BE USED SHALL BE TMT. BARS OF GRADE Fe-500/500 D CONFORMING TO IS-1786-2008.
7. ADEQUATE CHAIR BARS TO BE PROVIDED TO KEEP THE TOP REINFORCEMENT IN PROPER POSITION.
8. UNLESS OTHERWISE STATED LAP LENGTH OF BARS SHALL BE DEVELOPMENT LENGTH=50xBAR DIA.
9. UNLESS OTHERWISE SPECIFIED DISTRIBUTION REINFORCEMENT SHALL BE 8 T @ 250 C/C
10. CONCRETE COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:-
a) Beam:-25mm, b) Column:-40mm, c) Slab:-15mm, d) Footing:-50mm, e) R.C.C Wall:-20mm, f) Stair:- 20mm.
9. Grade of concrete will be M30 for column and M25 for beam and sub structure as per is: 456:2000.
10. Development length 50xD for lap & splices should be provided as per the provisions laid down in SP34:1987

SIGNATURE OF DEVELOPER/OWNER:-

SHREE BUILDERS
Kuntal Bhattacharjee
Partners

VETTED BY:-

DR. S. N. MUKHERJEE
Professor
CIVIL ENGINEERING DEPT.
JADAVPUR UNIVERSITY
KOLKATA-700032, (WB)

TITLE:-

TIE BEAM LAYOUT PLAN, FLOOR BEAM LAYOUT PLAN, SCHEDULE OF TIE BEAM, TYP. CROSS SECTION OF TIE BEAM, SECTION OF LIFT WALL, TYP. CROSS SECTION OF TIE BEAM.

SCALE : 1:100, 1:50, 1:25, N.T.S

REV-00

DATE :-25.07.2022

SHEET NO:- GIDS/STRUC:-02-03

Approved
District Engineer
Bankura Zilla Parishad

SIGNATURE OF ARCHITECT:-
VAISHNAVI CHAKRABARTY
CONSULTING ARCHITECT
CA/2018/101108

SIGNATURE OF GEO-TECHNICAL ENGINEER:-
MANOJ MATHY
Structural Engineer
Lic. No. L.B.P.M/162/AMC
G.I.D.S., Durgapur - 16

SIGNATURE OF STRUCTURAL ENGINEER:-
Hem Chandra
Structural Engineer
Lic. No. L.B.P.M/162/AMC
G.I.D.S., Durgapur-16
Contact No. - 9333233331

