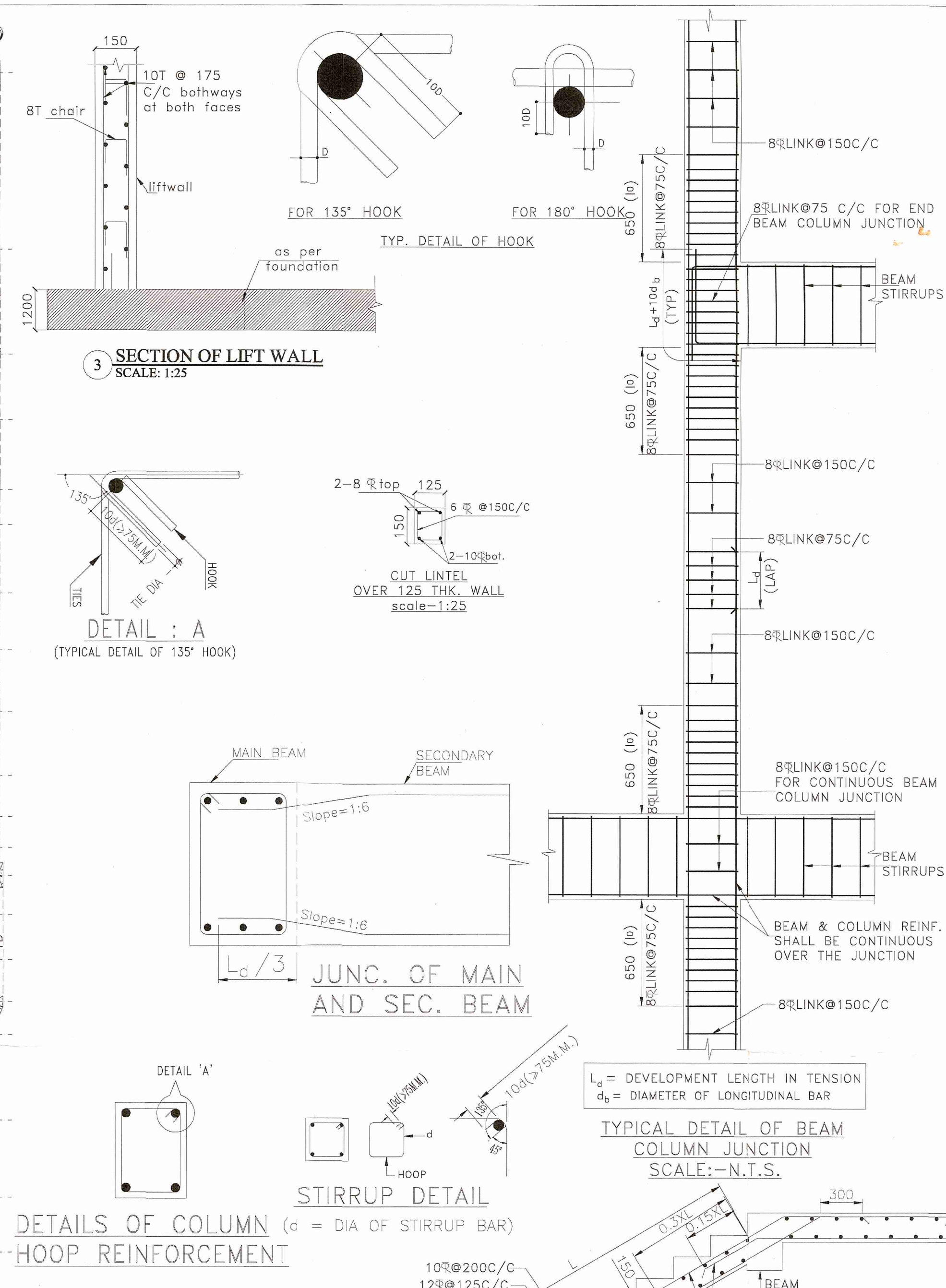
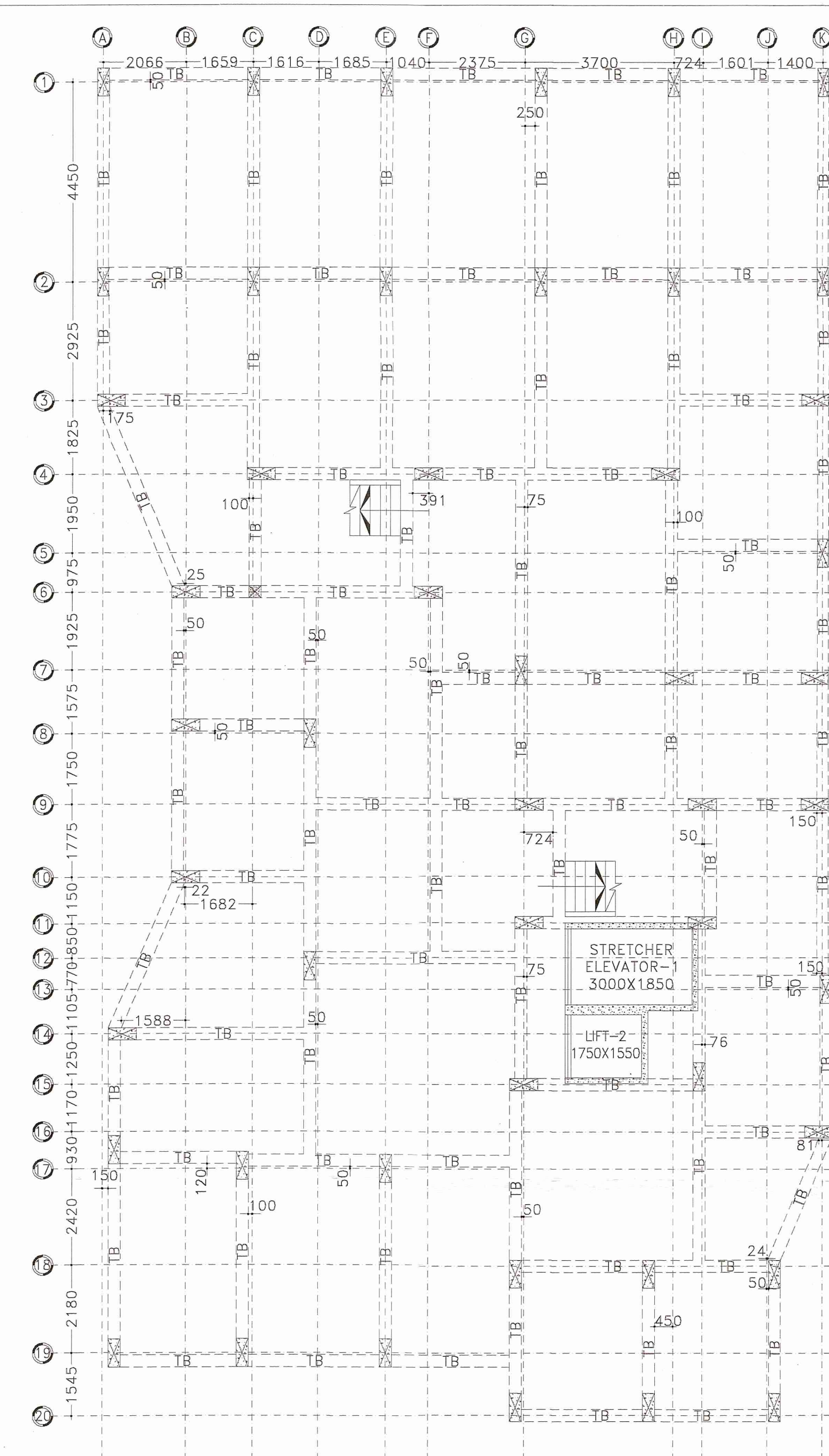
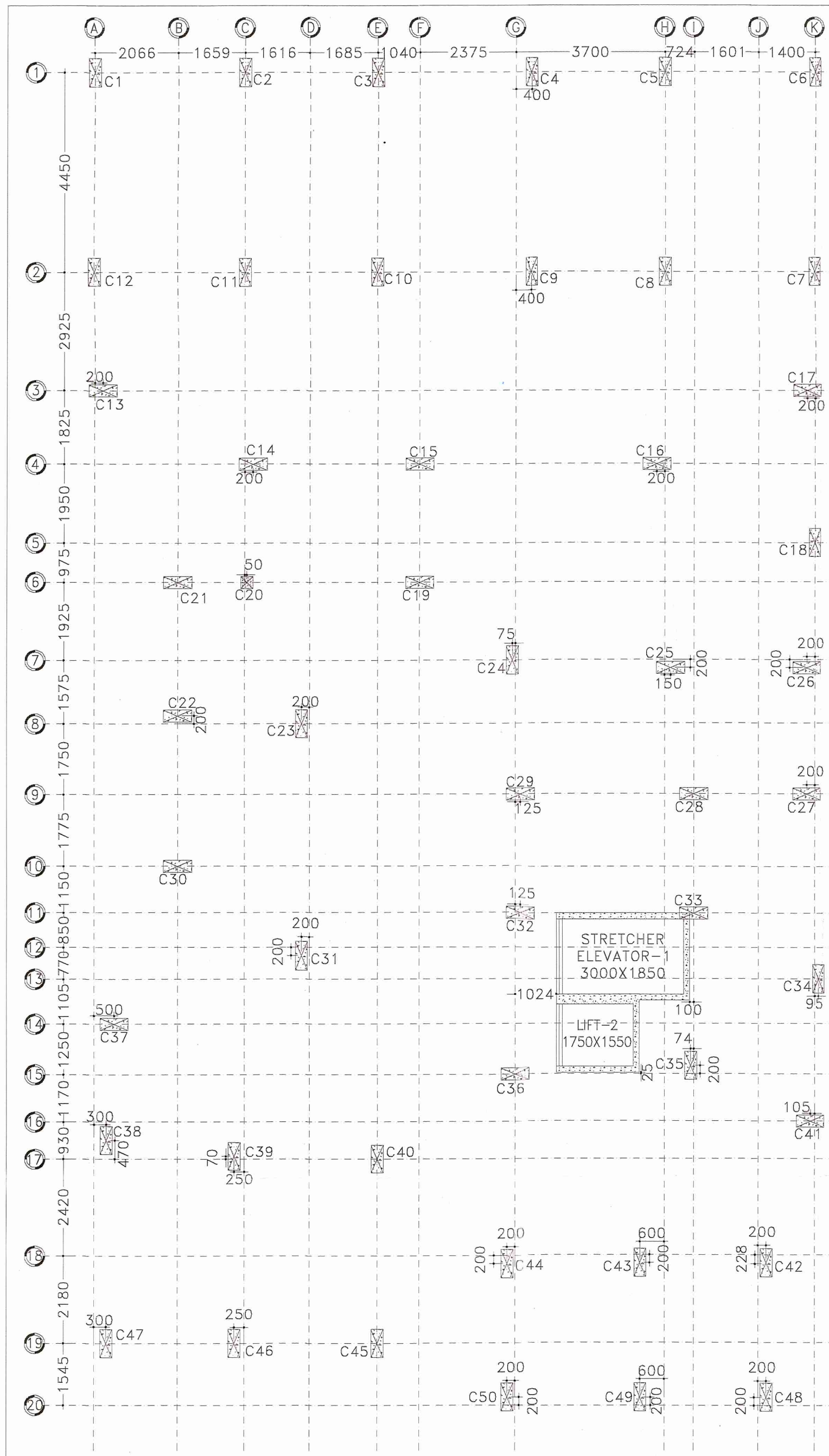
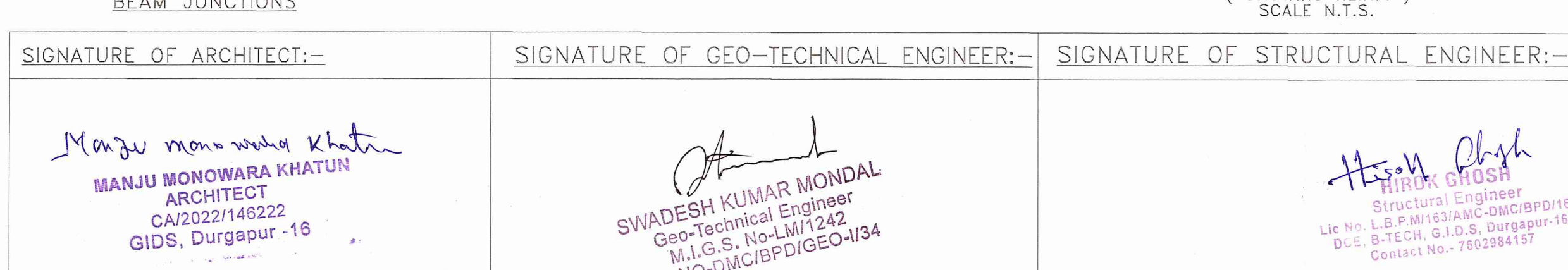
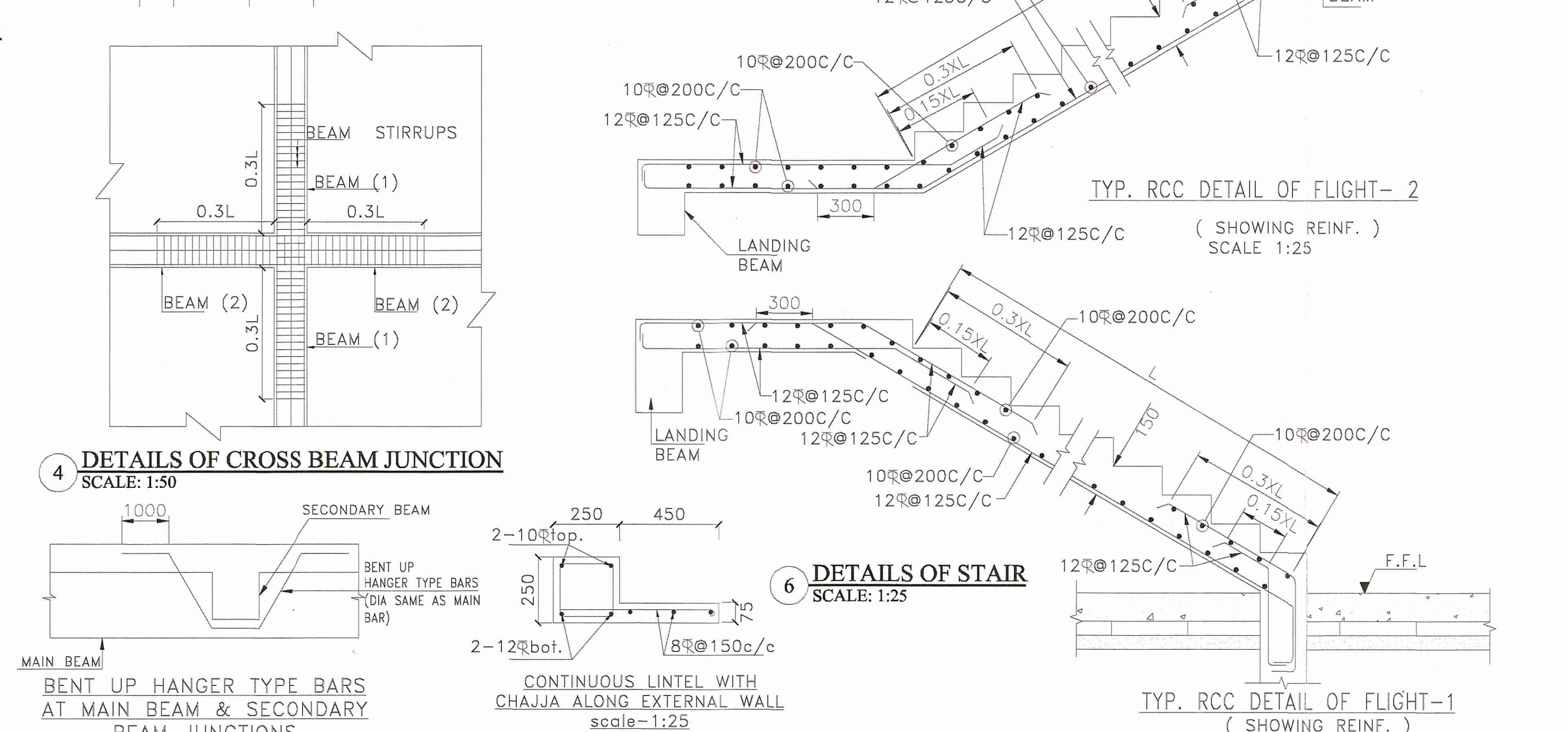
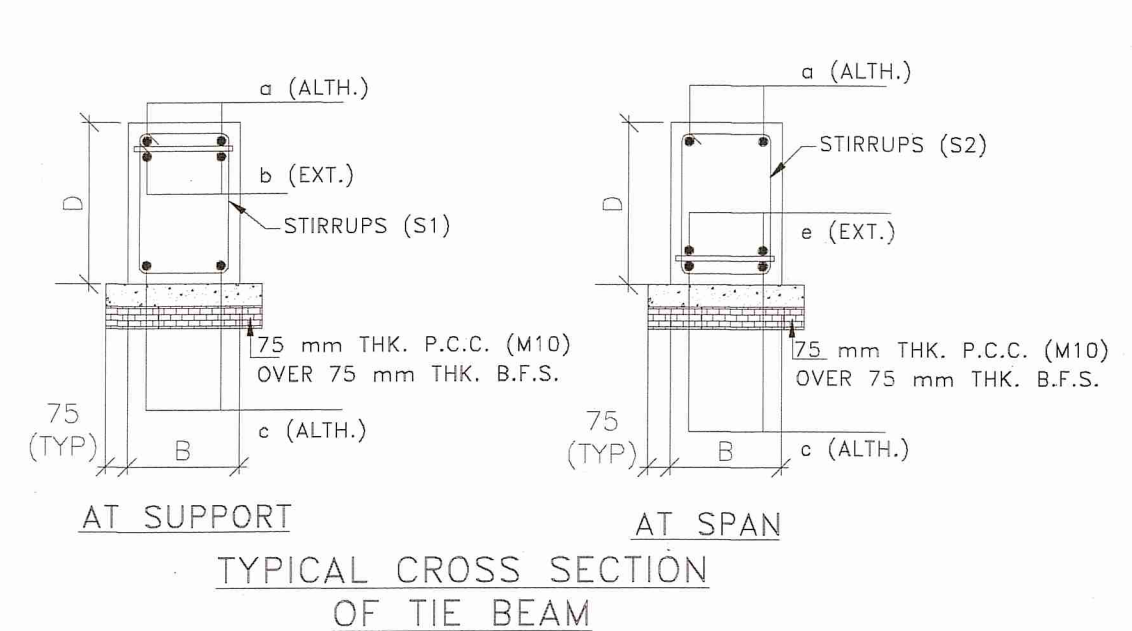




1.SCHEDULE OF COLUMNS						
COLUMN MARKED	NOS. OF COLUMNS	COLUMN SIZE (mm x mm)	FOUNDATION TO 3RD FLOOR LONGITUDINAL REINFORCEMENT	4TH FLOOR TO 7TH FLOOR LONGITUDINAL REINFORCEMENT	8TH FLOOR TO ROOF LONGITUDINAL REINFORCEMENT	TIE
C1,C2,C3,C4,C5, C6,C7,C8,C9,C10,C11, C12,C13,C14,C15,C16,C17, C18,C19,C20,C21, C22,C23,C24,C25,C26, C27,C28,C29,C30,C31, C32,C33,C34,C35,C36, C37,C38,C39,C40,C41, C42,C43, C44,C45,C46,C47, C48,C49,C50	37	900X300				NEAR JUNCTION (UPTO 16") LENGTH LINKS@75C/C (4 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS@150C/C (4 NOS. CLOSED LINK PER SET)
C8,C11,C15,C19, C23,C24,C25,C28, C31,C34,C35,C38	12	900X300				NEAR JUNCTION (UPTO 16") LENGTH LINKS@75C/C (4 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS@150C/C (4 NOS. CLOSED LINK PER SET)

TABLE NO:-02 (SCHEDULE OF COLUMNS)				
COLUMN MARKED	NOS. OF COLUMNS	COLUMN SIZE (mm x mm)	FOUNDATION TO ROOF LEVEL LONGITUDINAL REINFORCEMENT	TIE
C20	01	400X400		NEAR JUNCTION (UPTO 16") LENGTH LINKS@75C/C (2 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS@150C/C (2 NOS. CLOSED LINK PER SET)

TABLE NO:-03 (SCHEDULE OF TIE BEAM)									
Beam Mkd	Size	All Through	Ext. at End	Ext. at Supp.	Ext. at Cont.	T	S	I	R
1	300	450	3-25	3-25	2-20	2-20	2-20	2L-8	2L-8



PROJECT NAME:-

STRUCTURAL DRAWING OF PROPOSED (G+11) TWELVE STORIED RESIDENTIAL CUM COMMERCIAL BUILDING (BLOCK-03) OF MR. DEBABRATA CHATTERJEE S/O LAKSHMIKANTA CHATTERJEE, MR. SUBRATA CHATTERJEE S/O LAKSHMIKANTA CHATTERJEE, MR. JOYDEB CHATTERJEE S/O LAKSHMIKANTA CHATTERJEE (SHREE CHAITANYA DEVELOPERS) R.S PLOT NO-931, L.R PLOT NO-725, L.R KHATIAN NO-6395,6396,6397. J.L. NO- 58, MOUZA-BAMUNARA, P. S -KANKSA, DIST-PASCHIM BARDHAMAN, WEST BENGAL.

NOTES :-

- (±) 0.00 m LEVEL REFERS TO E.G.L.
- UNLESS OTHERWISE STATED ALL CONSTRUCTION ACTIVITIES SHALL BE CARRIED OUT CONFORMING TO RELEVANT (INDIAN) STANDARD CODES OF PRACTICE.
- 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.
- ALL STRUCTURAL DRAWINGS SHALL BE READ ALONG WITH THIS DRAWING AS WELL AS RELEVANT ARCHITECTURAL DRAWINGS.
- ANY DISCREPANCY IN THE STRUCTURAL AND ARCHITECTURAL DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF STRUCTURAL CONSULTANT BEFORE EXECUTION OF WORK.
- UNLESS OTHERWISE SPECIFIED ALL REINFORCEMENT TO BE USED SHALL BE TMT. BARS OF GRADE Fe-500/500 D CONFORMING TO IS-1786-2008.
- ADEQUATE CHAIR BARS TO BE PROVIDED TO KEEP THE TOP REINFORCEMENT IN PROPER POSITION.
- UNLESS OTHERWISE STATED LAP LENGTH OF BARS SHALL BE DEVELOPMENT LENGTH=50xBAR DIA.
- UNLESS OTHERWISE SPECIFIED DISTRIBUTION REINFORCEMENT SHALL BE 8 T @ 250 C/C
- CONCRETE COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:- a)Beam:-25mm, b)Column:-40mm, c)Slab:-15mm, d)Footling:-50mm, e)R.C.C Wall:-20mm, f) Stair:- 20mm.
- Grade of concrete will be M30 for column and M25 for beam and sub structure as per is: 456:2000.
- Development length 50xD for lap & splices should be provided as per the provisions laid down in SP34:1987

SIGNATURE OF DEVELOPER/OWNER:-

SHREE CHAITANYA DEVELOPERS
Partner

VETTED BY:-

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

TITLE:-

COLUMN LAYOUT PLAN, TIE BEAM LAYOUT PLAN, SCHEDULE OF COLUMN, SCHEDULE OF CAP, SCHEDULE OF THE BEAM, HOOK DETAIL, LIFT SECTION, DETAIL OF CROSS BEAM JUNCTION, TYPICAL CROSS BEAM SECTION OF THE BEAM.

DRAWN BY:- A.BAIDHYAKAR

CHECKED BY:- S AKHTAR

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

REV-00

DATE : 16.06.2023

SHEET NO:- STRUCTURE:-01-02

Vide Memo no.1706/PSBZP, Dated-07.05.2025
of the Additional Executive Officer, Paschim Bardhaman Zilla Parishad.