

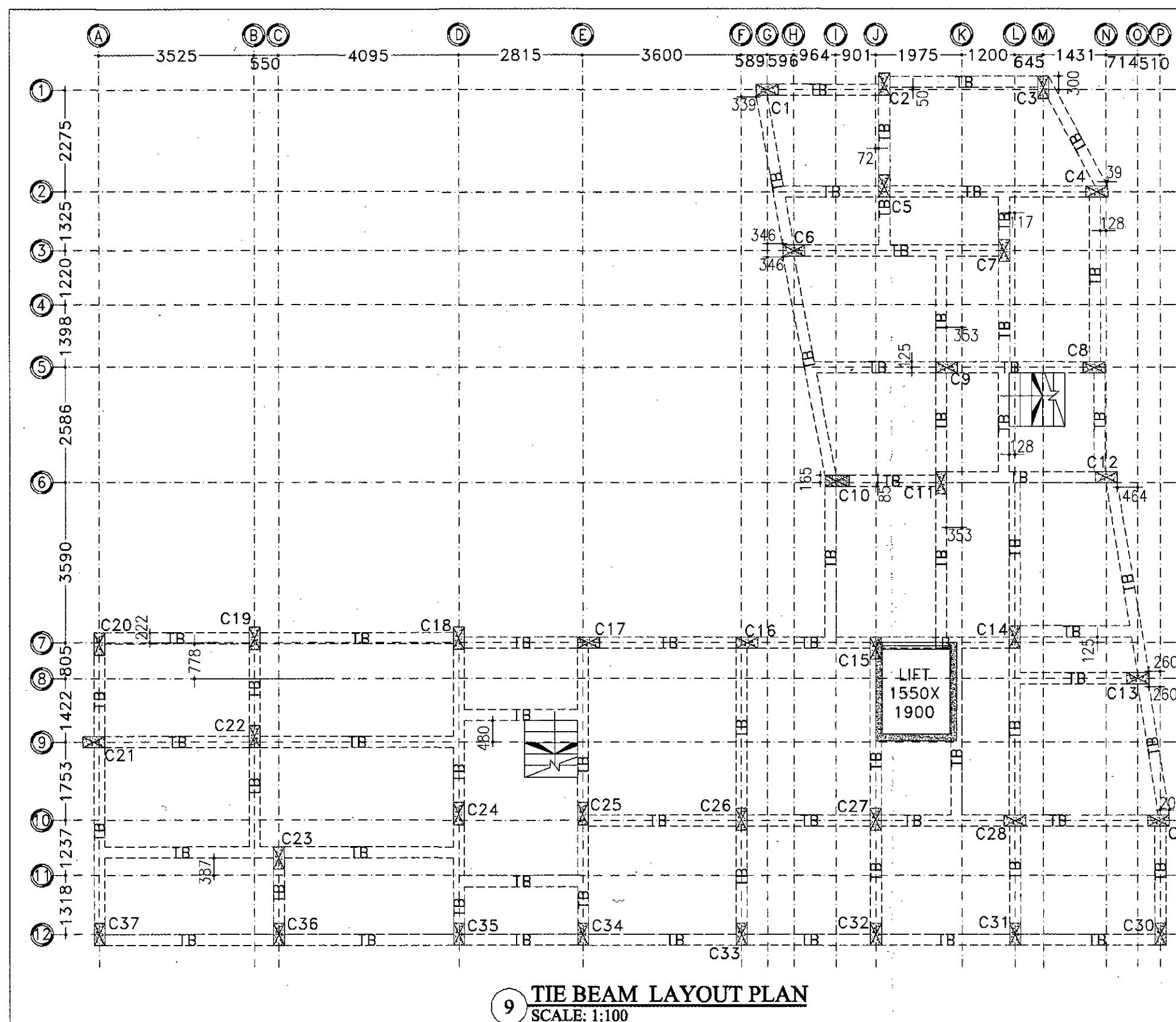
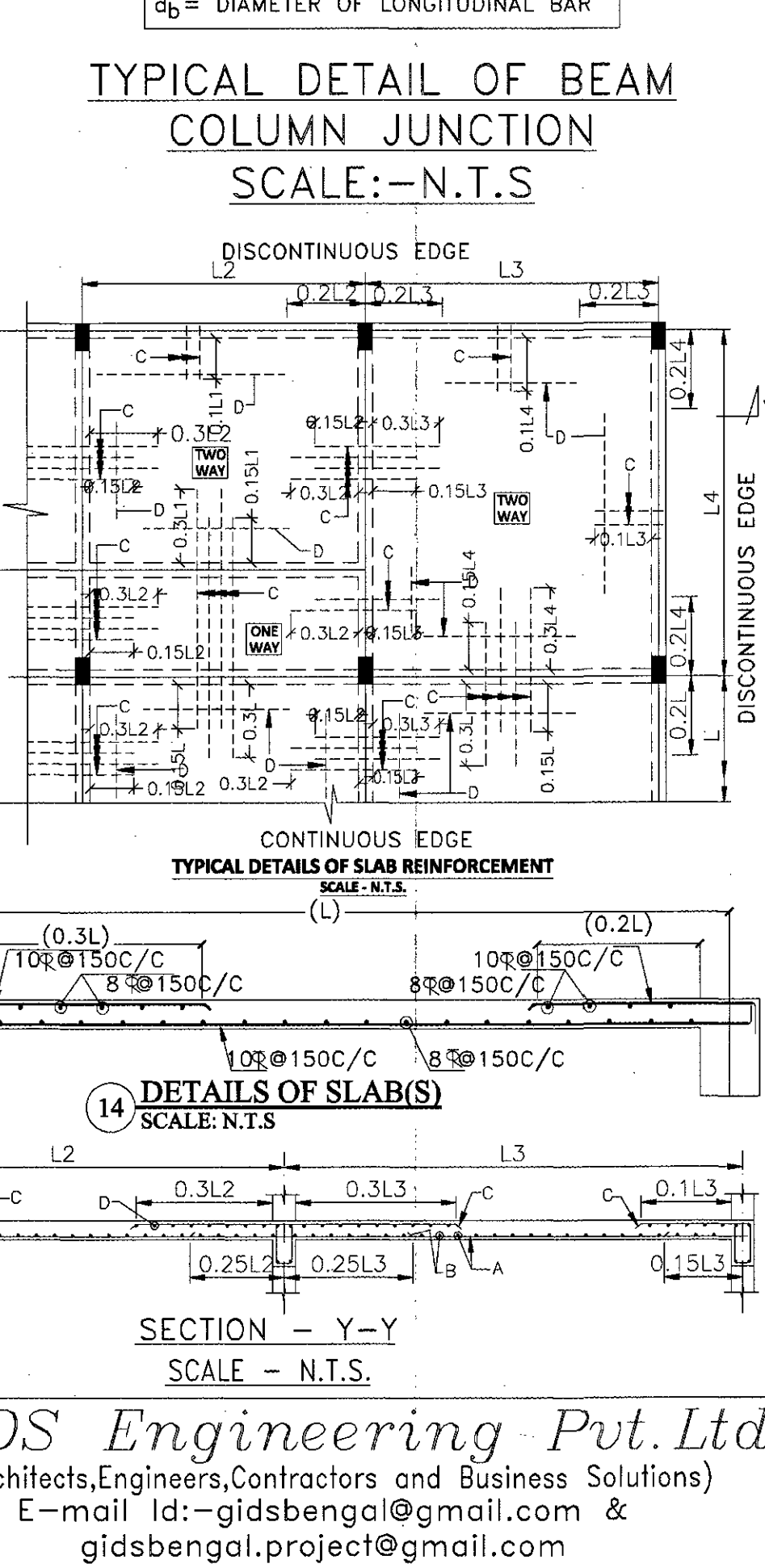
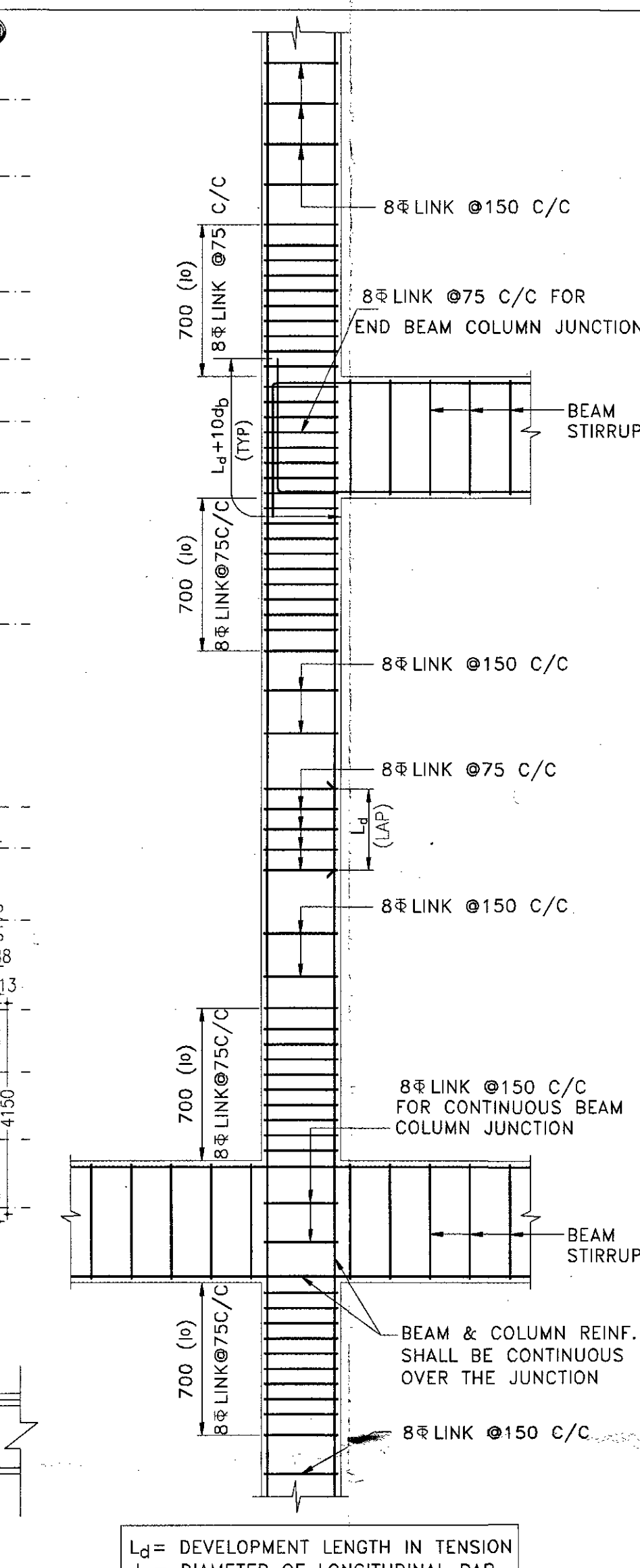
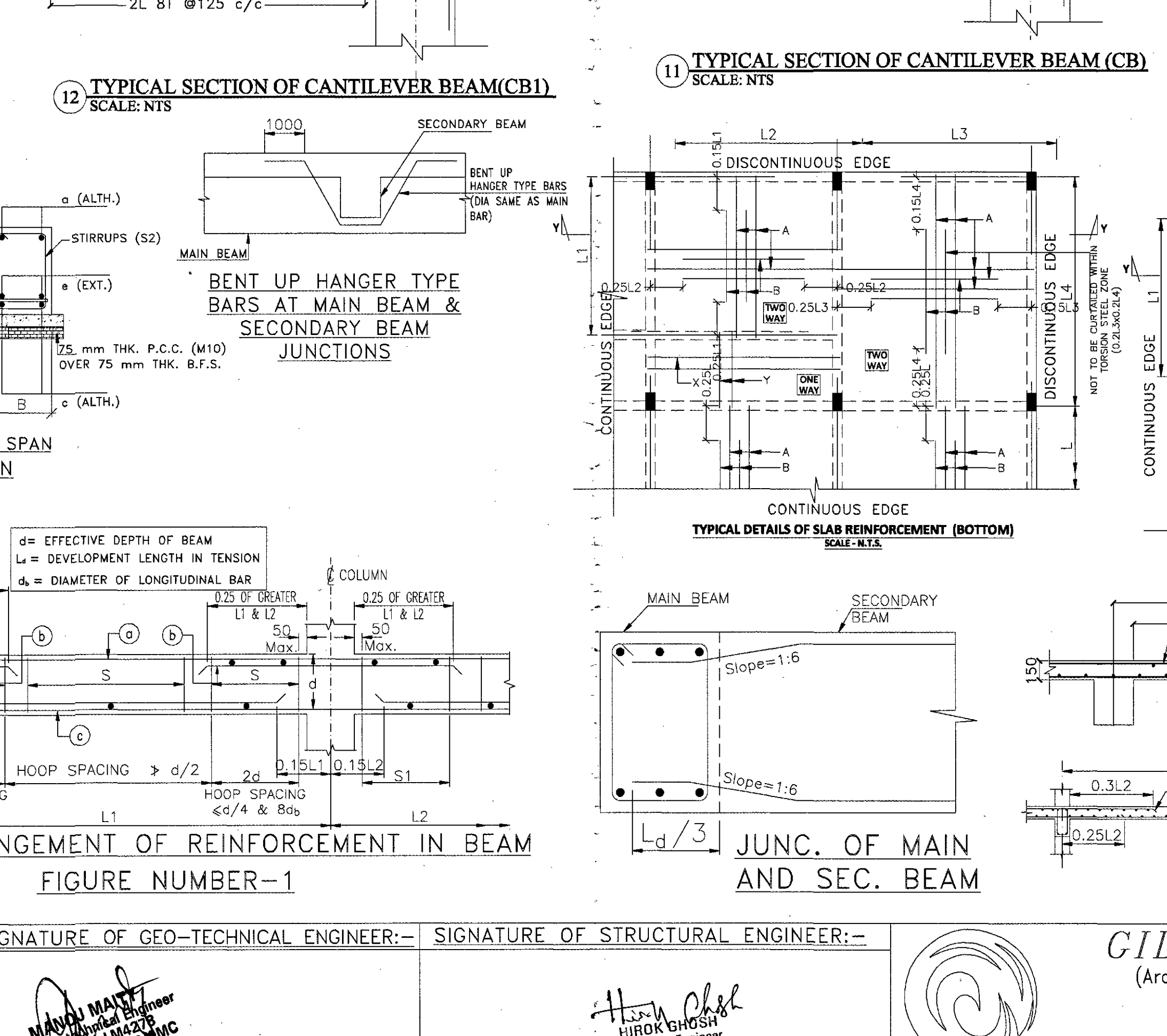
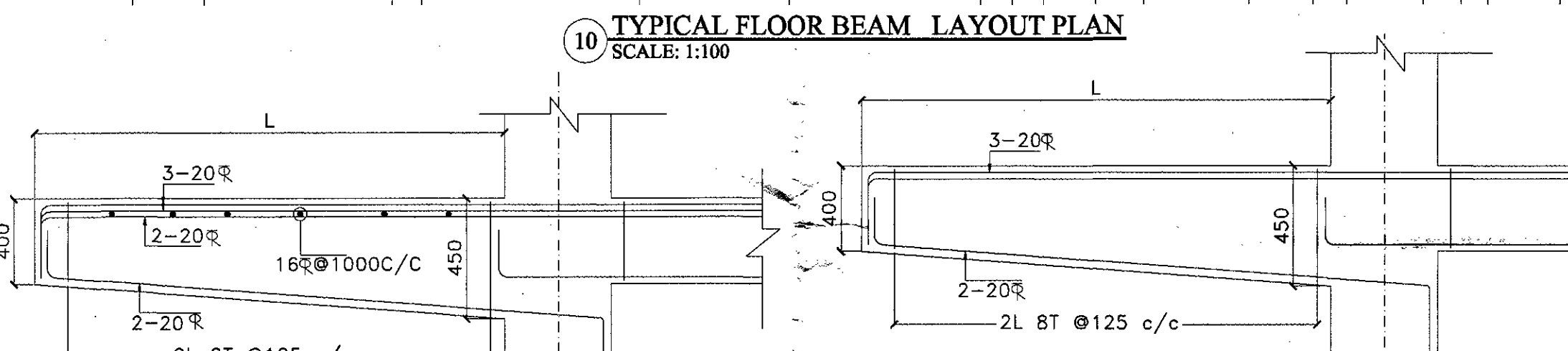
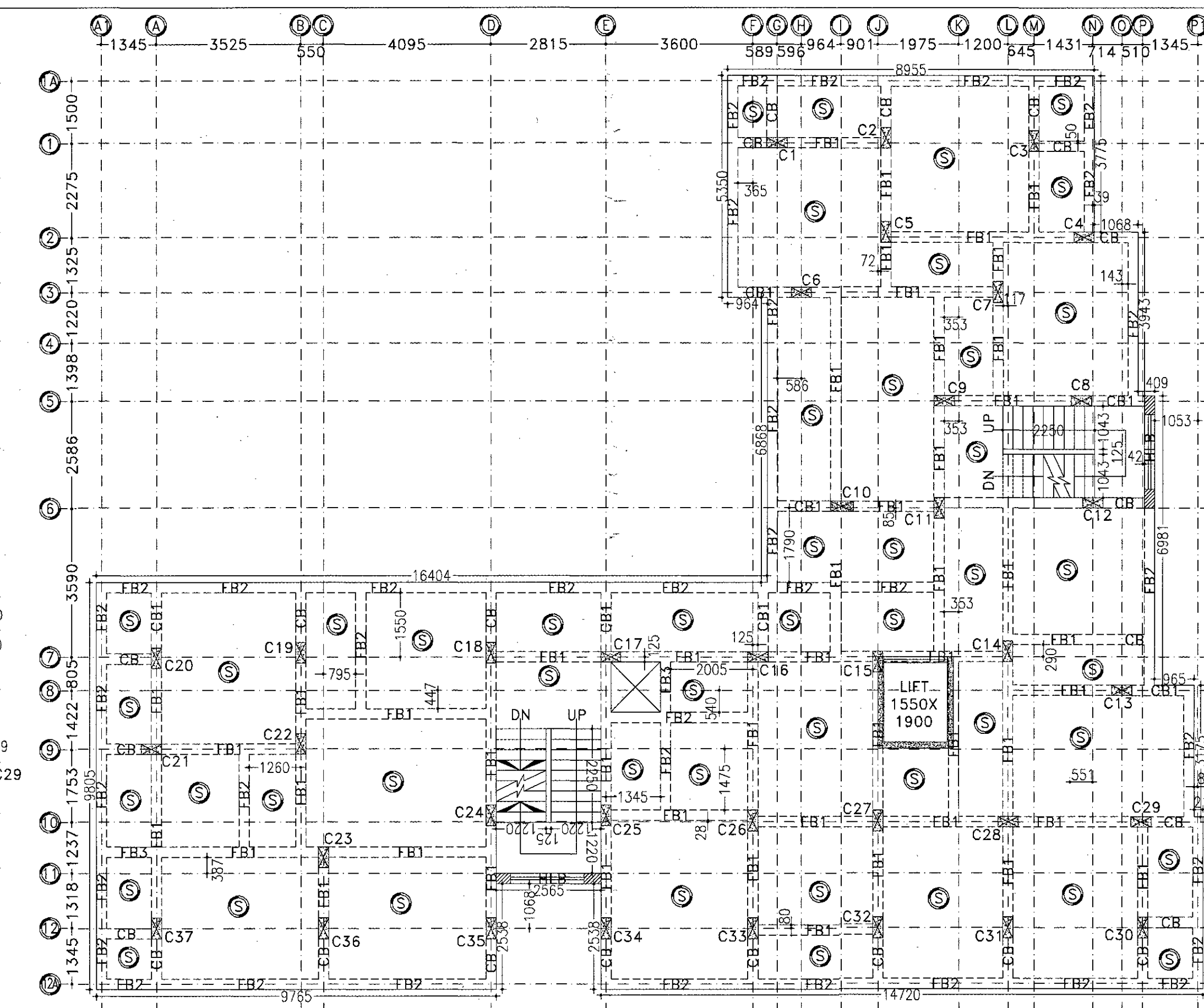
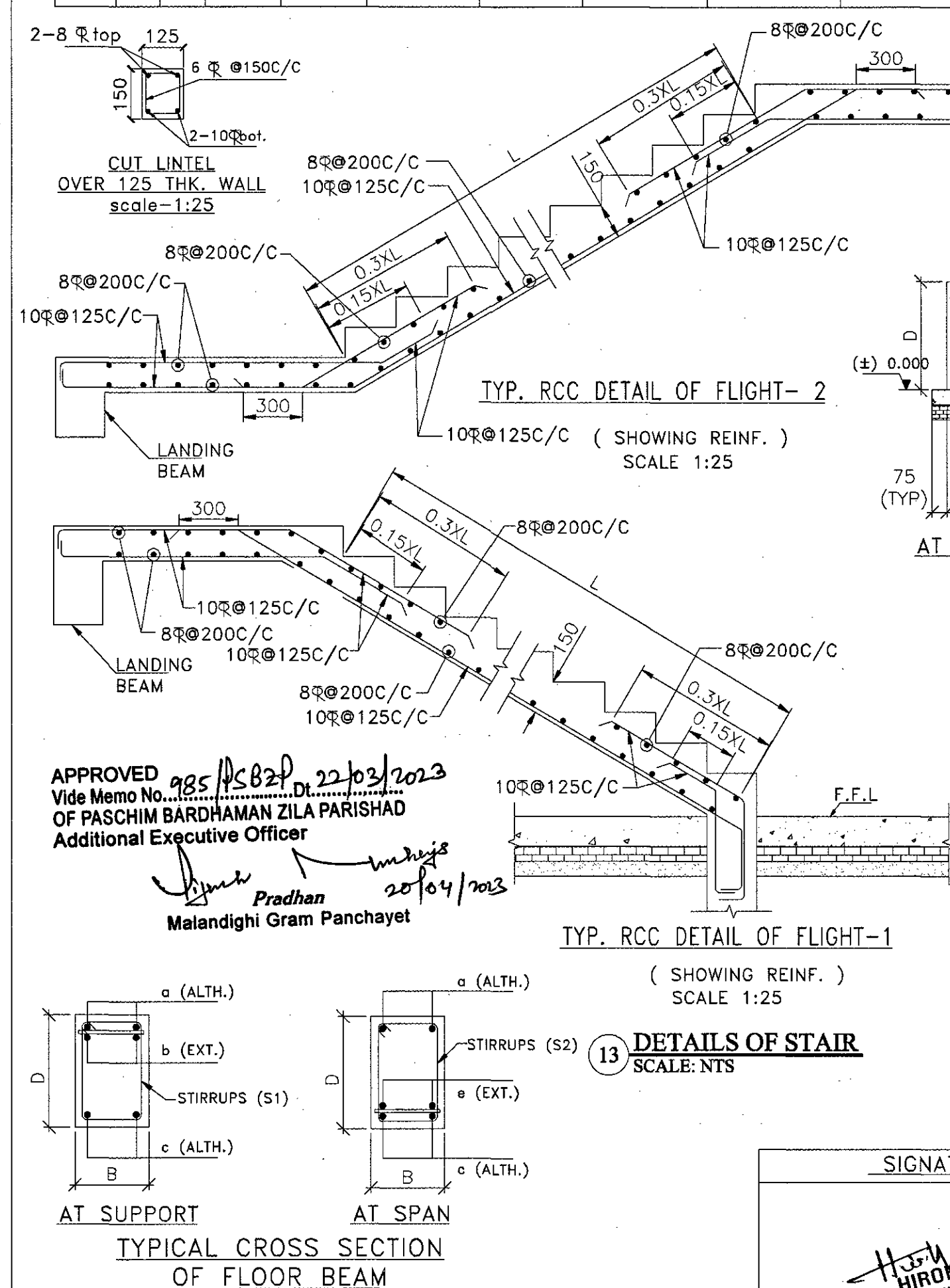


TABLE NO:-04 (SCHEDULE OF FLOOR BEAM)

Beam	Size	All Through	Ext. at End	Ext. at End	Ext. at End	Support(S)	Span(S)
Mkd	B	D	Top(a)	Bot(b)	Top(c)	Bot(d)	
FB1	250	450	2-20R	2-20R	2-16R	2-16R	2L-8R@125C/C
FB2	250	400	2-20R	2-20R	1-16R	1-16R	2L-8R@150C/C
FB3	250	350	2-16R	2-16R	1-16R	1-16R	2L-8R@125C/C
CB	250	450	3-20R	2-20R			2L-8R@125C/C
CB1	250	450	3-20R	2-20R			2L-8R@125C/C
HLB	250	350	2-20R	2-20R	1-16R	1-16R	2L-8R@150C/C
TB	250	450	2-20R	2-20R	2-16R	2-16R	2L-8R@125C/C



PROJECT NAME:-
STRUCTURAL DRAWING OF PROPOSED (G+7) EIGHT STORIED RESIDENTIAL BUILDING OF MR. NARESH CHANDRA RAHA, S/O LATE RAMESH CHANDRA RAHA, MR. ARABINDA KUMAR PAN, S/O BISHWA RANJAN PAN, MRS. SANGITA PAN, W/O MR. ARABINDA KUMAR PAN, (DEVELOPED BY MAXIPLE PROJECT DEVELOPMENT) L.R. PLOT NO-3258.3260, R.S. PLOT NO-1600, KHATIAN NO-1482,2871,2872 J.L. NO-91, MOUZA-ARRAH, 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 T.M.T. 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=50x BAR 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) Footing:-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:-
MAXIPLE PROJECT DEVELOPMENT
Partner

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

TITLE:-
TIE BEAM LAYOUT PLAN, TYPICAL FLOOR BEAM LAYOUT PLAN, TYPICAL SECTION OF CANTILEVER BEAM, DETAILS OF STAIR, DETAILS OF SLAB, TYPICAL CROSS SECTION OF FLOOR BEAM AND TIE BEAM, TYP. DETAIL OF BEAM COLUMN JUNCTION, JUNCTION OF MAIN & SEC. BEAM, TYPICAL ARRANGEMENT OF REINFORCEMENT IN BEAM.

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

REV-00

DATE : 12.04.2022

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

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