

1. SCHEDULE OF COLUMNS

COLUMN MARKED	NOS. OF COLUMNS	COLUMN SIZE (mm x mm)	FOUNDATION TO 3RD FLOOR LONGITUDINAL REINFORCEMENT	4TH FLOOR TO 6TH FLOOR LONGITUDINAL REINFORCEMENT	7TH FLOOR TO ROOF LONGITUDINAL REINFORCEMENT	TIE	STIRRUPS
C21, C22, C25, C28.	04	300X700	700 REINFORCEMENT: 12-20 ϕ	700 REINFORCEMENT: 10-20 ϕ 2-16 ϕ	700 REINFORCEMENT: 8-20 ϕ 4-16 ϕ	NEAR JUNCTION (UPTO 10' LENGTH) LINKS: 8ϕ@75C/C (4 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS: 8ϕ@150C/C (4 NOS. CLOSED LINK PER SET)	
C6, C9, C11, C12, C15, C17, C18, C19.	08	300X600	600 REINFORCEMENT: 10-20 ϕ	600 REINFORCEMENT: 8-20 ϕ 2-16 ϕ	600 REINFORCEMENT: 6-20 ϕ 4-16 ϕ	NEAR JUNCTION (UPTO 10' LENGTH) LINKS: 8ϕ@75C/C (3 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS: 8ϕ@150C/C (3 NOS. CLOSED LINK PER SET)	
C1, C2, C3, C4, C5, C7, C8, C10, C13, C14, C16, C20, C23, C24, C26, C27, C29, C30, C31, C32, C33, C34.	22	300X600	600 REINFORCEMENT: 8-20 ϕ 2-16 ϕ	600 REINFORCEMENT: 6-20 ϕ 4-16 ϕ	600 REINFORCEMENT: 4-20 ϕ 6-16 ϕ	NEAR JUNCTION (UPTO 10' LENGTH) LINKS: 8ϕ@75C/C (3 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS: 8ϕ@150C/C (3 NOS. CLOSED LINK PER SET)	

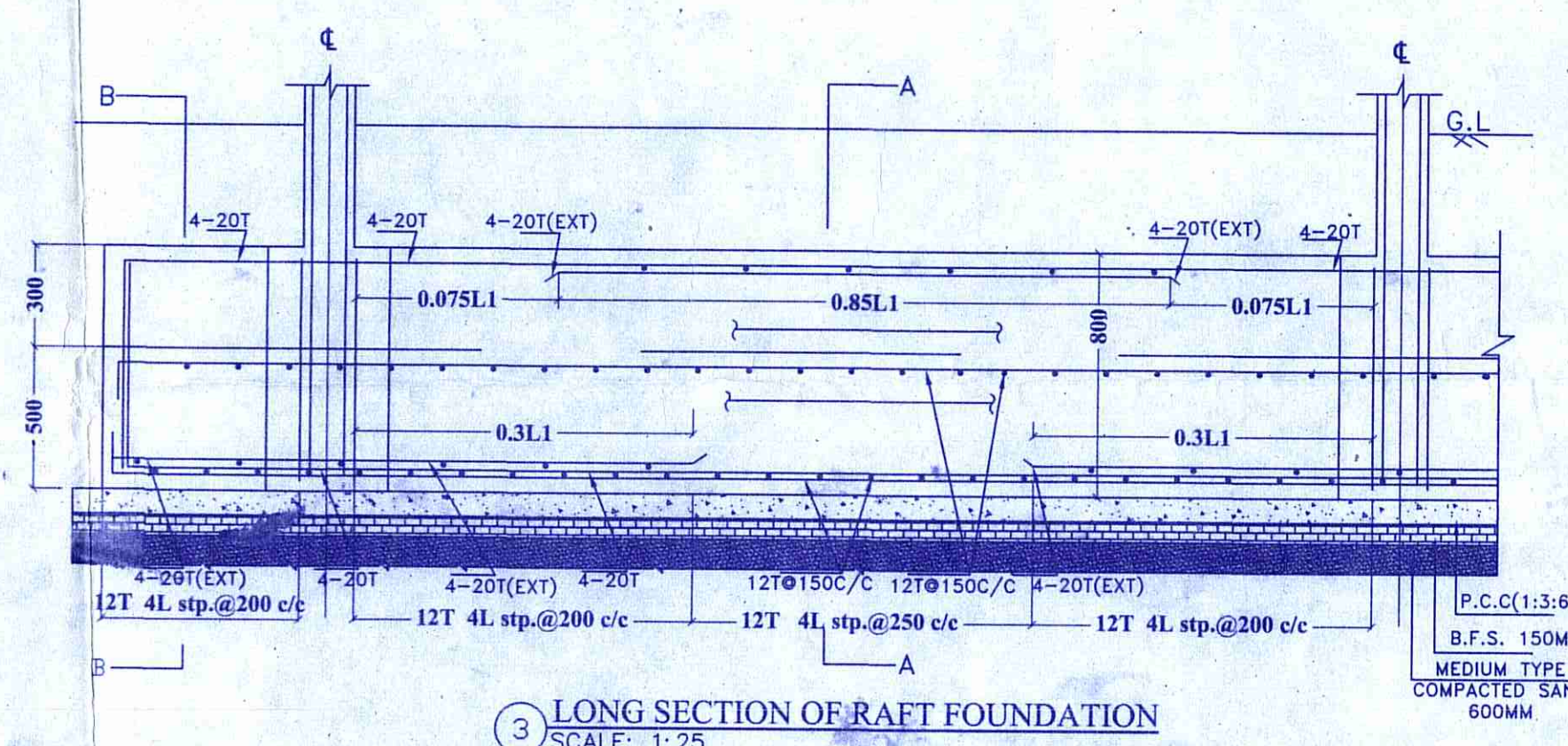
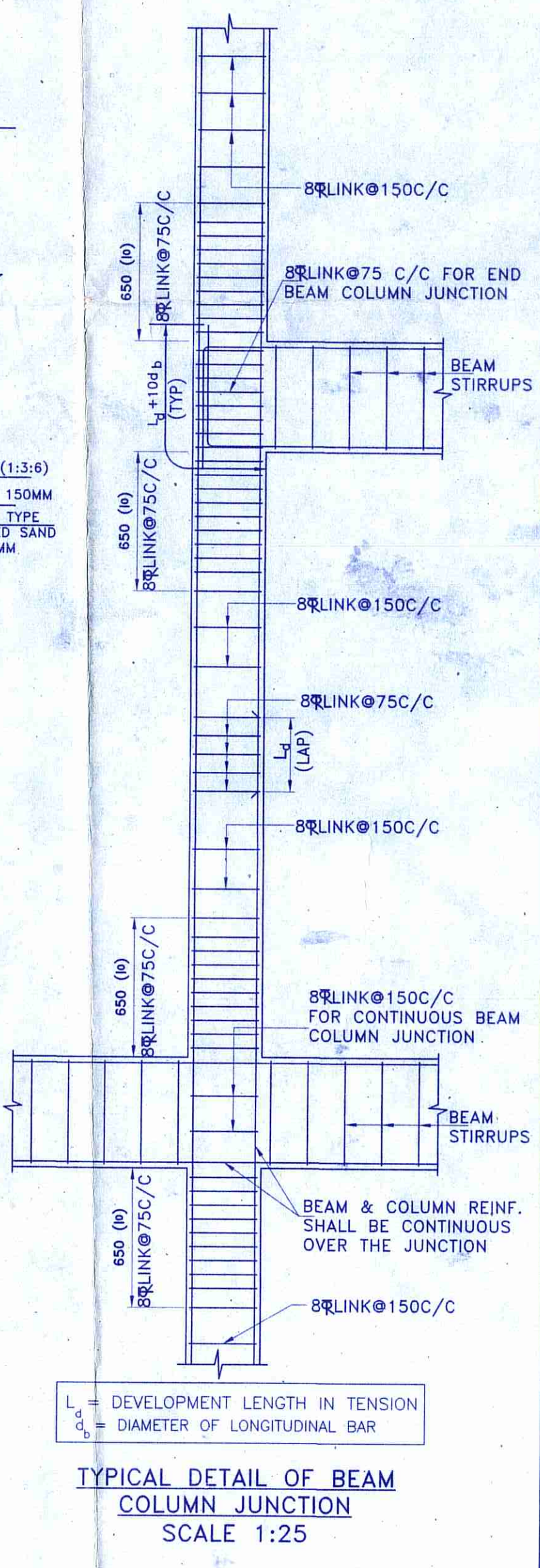
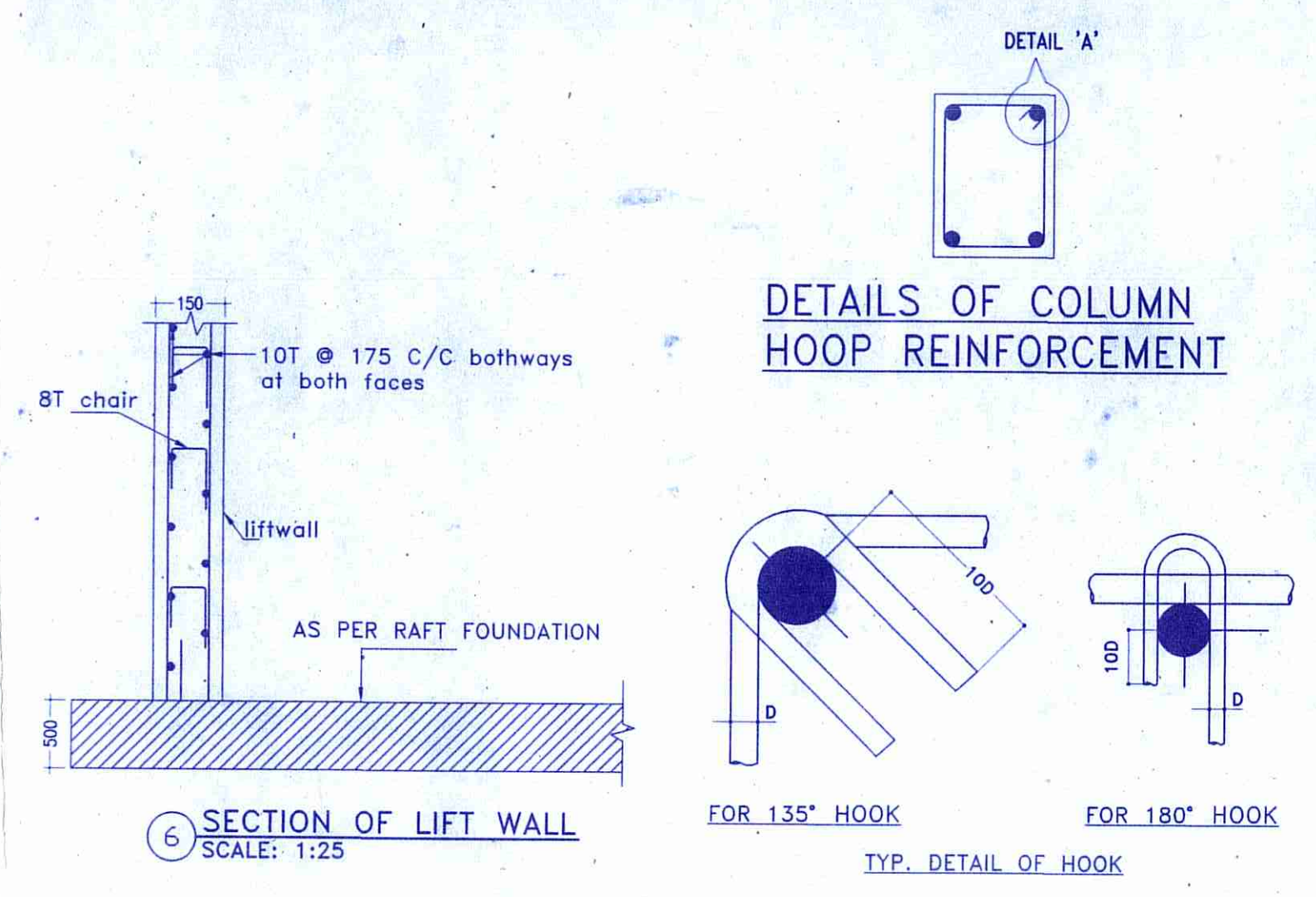
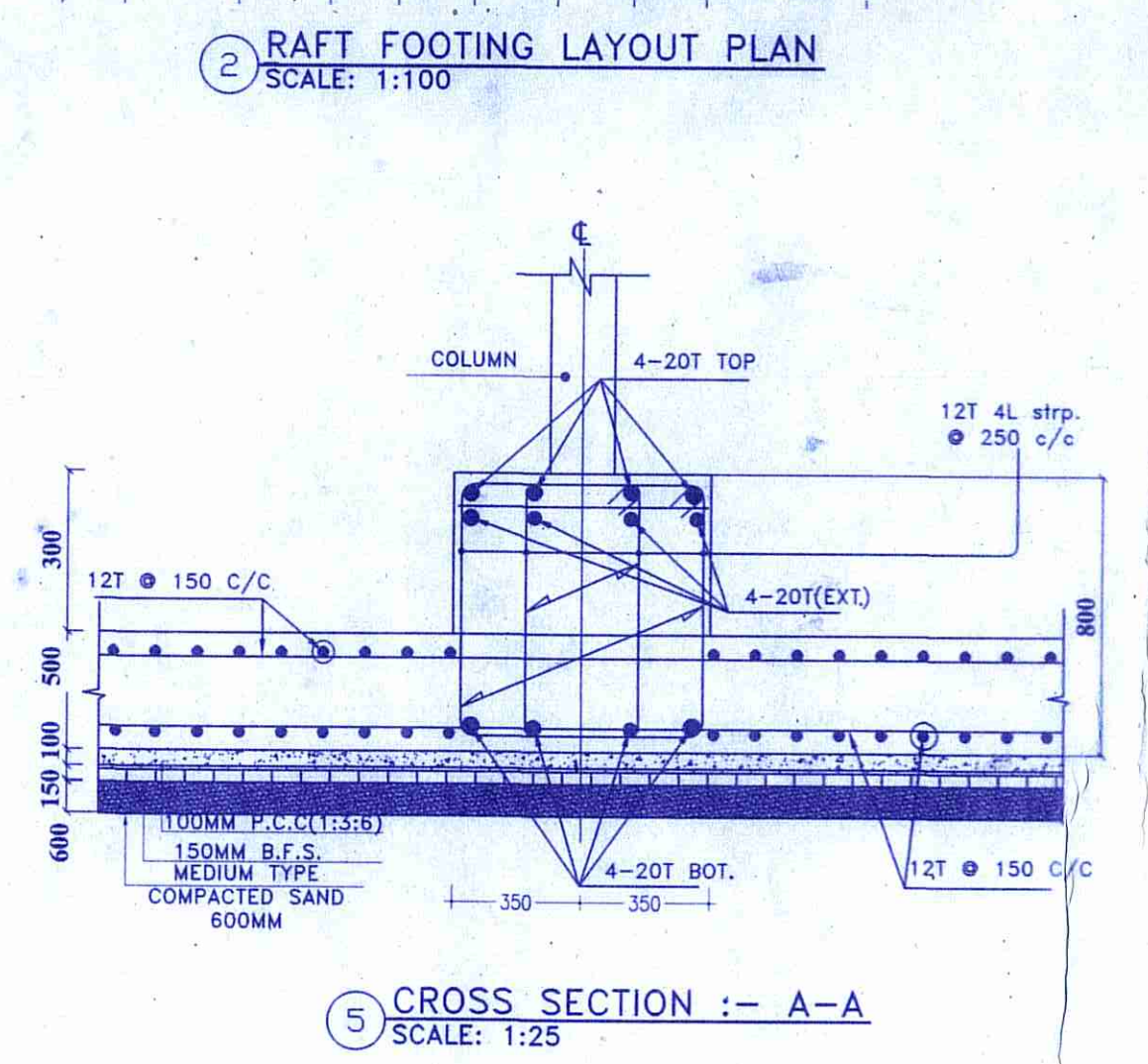
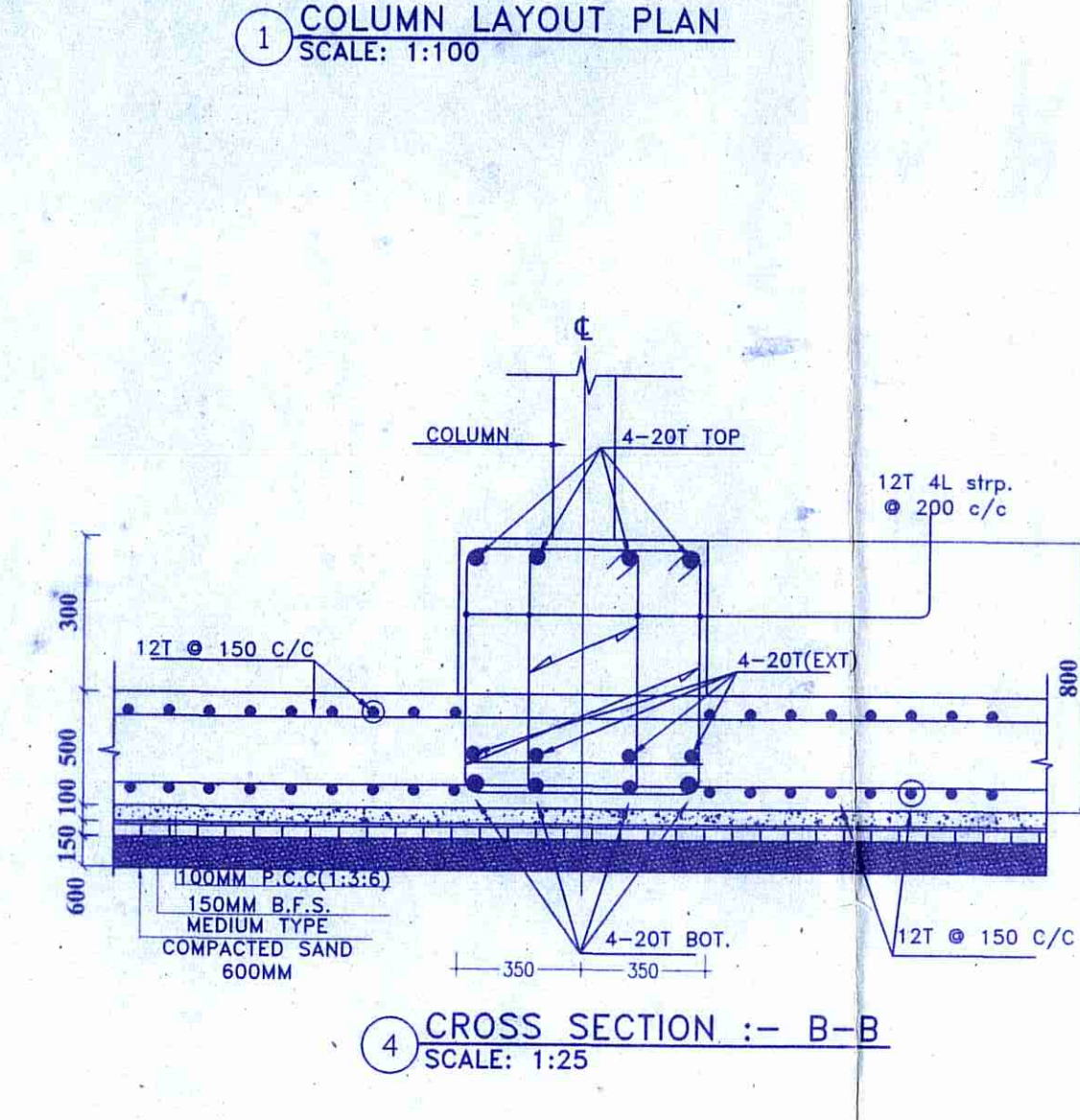


TABLE NO.-01 (SCHEDULE OF RAFT BEAMS)

Beam Mkd	Size	D	All Through		Ext. at End Supp. Bott.	Ext. at Span Top.	Ext. at Cont. Supp. Bott.	STIRRUPS	
			Top	Bot				Support	Span
RB1	700	800	4-20T	4-20T	4-20T	4-20T	4-20T	4L-12T@200c/c	4L-12T@250c/c



PROJECT NAME:-
STRUCTURAL DRAWING OF PROPOSED (G+8) NINE STORIED RESIDENTIAL APARTMENT BUILDING OF MR. SURAJIT BANIK S/O MR. SUBHASH CHANDRA BANIK, SMT. SAMARPITA SAHA BANIK W/O LITAN SAHA, R.S PLOT NO.-43/67, L.R PLOT NO- 191,192, J.L NO.-R.S-96, L.R-111, KHATIAN NO.-R.S-67,148,328, L.R-1972,1980. MOUZA-TETIKHOLA, P.S.-NTPS, 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
 - UNLESS OTHERWISE SPECIFIED ALL REINFORCEMENT TO BE USED SHALL BE TMT. BARS OF GRADE Fe-500/500 D CONFORMING TO IS-1786-2008.
 - ADQUATE 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 @ 200 C/C
 - CONCRETE COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:
a) Beam-25 mm, b) Column-40mm, c) Slab-15mm, d) Footing-50mm, e) R.C.C Wall-20 mm, 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 & SPICES SHOULD BE PROVIDED AS PER THE PROVISIONS LAID DOWN IN SP34:1987

SIGNATURE OF STRUCTURAL ENGINEER:-

Hiron Ghosh
HIRON GHOSH
Structural Engineer
Lic No. L.P.PAN163/AMC-DW/CPD/165
DCE, I.T.E.C., G.I.D.S., Durgapur-16
Contact No. 933233331

SIGNATURE OF DEVELOPER/OWNER:-

Surajit Banik.
Samarpita Saha Banik

VETTED BY:-

Approved Plan No. 29
No. 22/2020... Date: 29.02.2020
Valid upto: 22/02/2023
Mallika Laha
Production
Jemua Gram Panchayat

Hiron Ghosh
HIRON GHOSH
Structural Engineer
Lic. No. L.P.PAN163/AMC-DW/CPD/165
DCE, I.T.E.C., G.I.D.S., Durgapur-16
KOLKATA-700032, (WB)

SIGNATURE OF ARCHITECT:-
Cashmi
VAISHNAVI MAKARAND ATHALVE
CONSULTING ARCHITECT
CA/2018/101108

OFFICE USED:-

SIGNATURE OF GEO-TECHNICAL ENGINEER:-
Mallika Laha
MALLIKA Laha
Civil Engineer
Lic. No. L.P.PAN163/AMC-DW/CPD/165
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CHECKED BY : H.GHOSH SCALE : 1:100, 1:25.
DATE : 29.02.2020 REV-00
SHEET NO:- GIDS/STRU01-02