

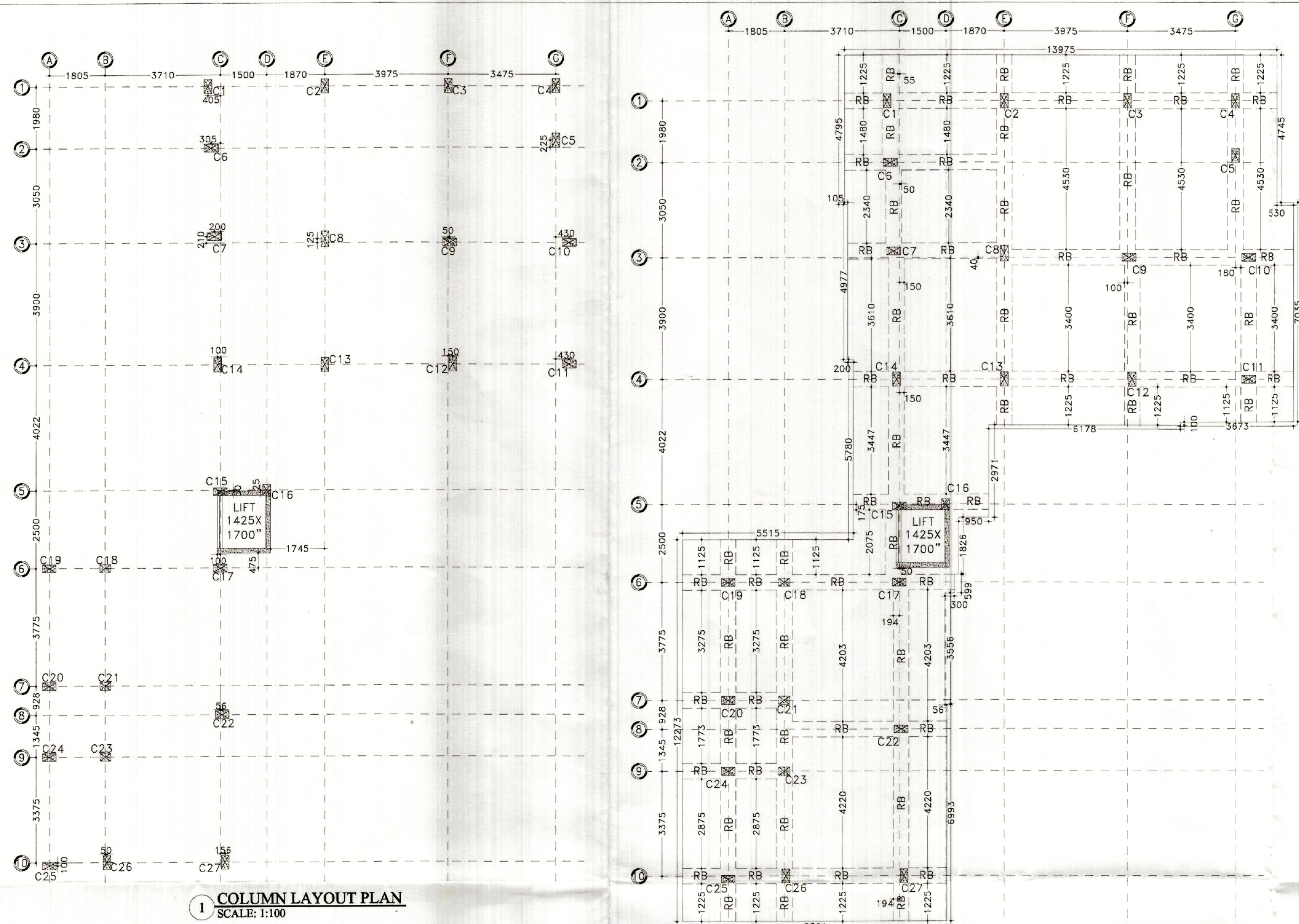


TABLE NO:-01 (SCHEDULE OF COLUMNS)

COLUMN MARKED	NOS OF COLUMN	COLUMN SIZE (mmXmm)	FOUNDATION TO 2ND FLOOR ROOF	3TH TO ROOF	TIE DETAILS	SHAPE OF STIRRUPS
			LONGITUDINAL REINFORCEMENT	LONGITUDINAL REINFORCEMENT		
C1,C2,C3,C4,C5, C6,C7,C10,C11, C12,C13,C14,C15, C17,C19,C20,C22, C24,C25,C26,C27.	21	500X300			NEAR JUNCTION (UPTO 'la') LENGTH LINKS:8@75C/C (4 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS:8@150C/C (4 NOS. CLOSED LINK PER SET)	
C8,C9.	02	500X300			NEAR JUNCTION (UPTO 'la') LENGTH LINKS:8@75C/C (4 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS:8@150C/C (4 NOS. CLOSED LINK PER SET)	

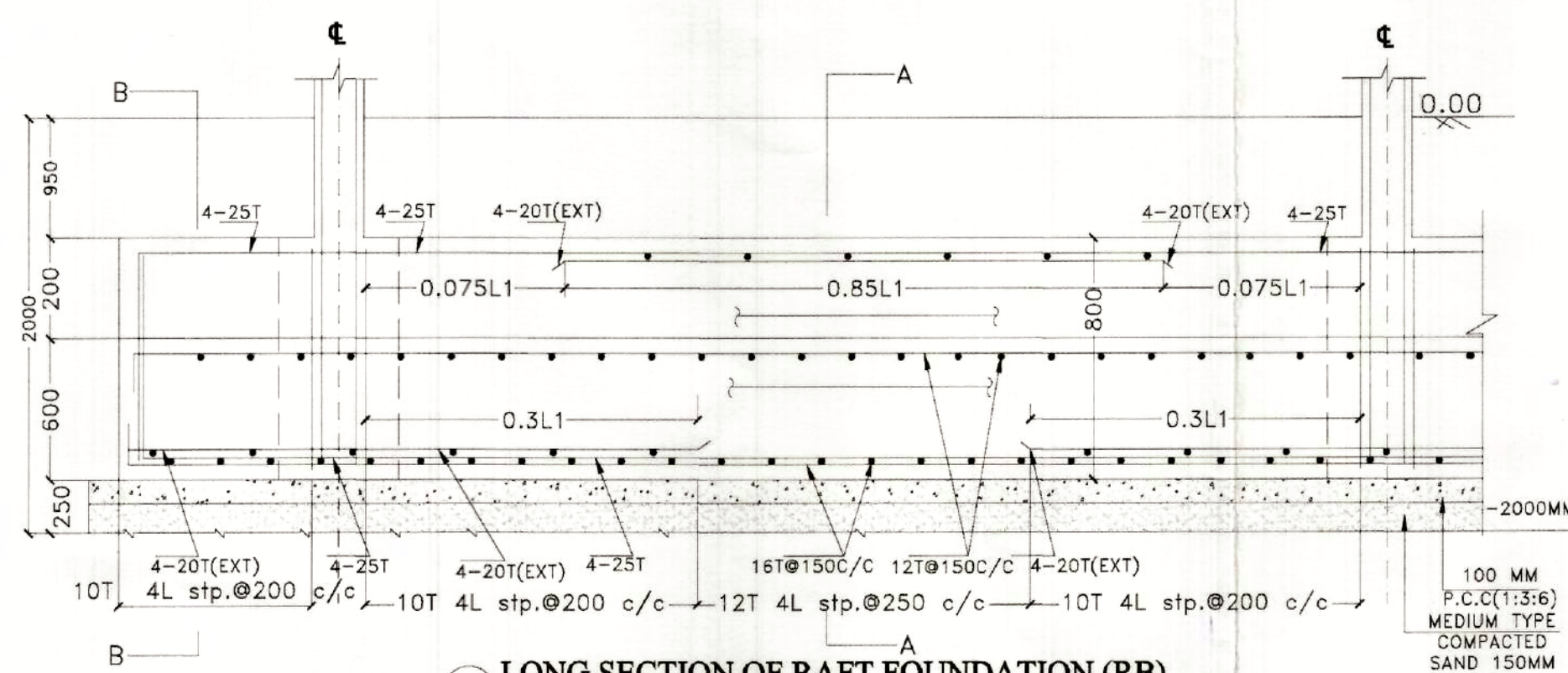
TABLE NO:-02 (SCHEDULE OF COLUMNS)

COLUMN MARKED	NOS OF COLUMN	COLUMN SIZE (mmXmm)	FOUNDATION TO ROOF	TIE DETAILS	SHAPE OF STIRRUPS
			LONGITUDINAL REINFORCEMENT		
C16,C18,C21,C23.	04	300X350		NEAR JUNCTION (UPTO 'la') LENGTH LINKS:8@75C/C (2 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS:8@150C/C (2 NOS. CLOSED LINK PER SET)	

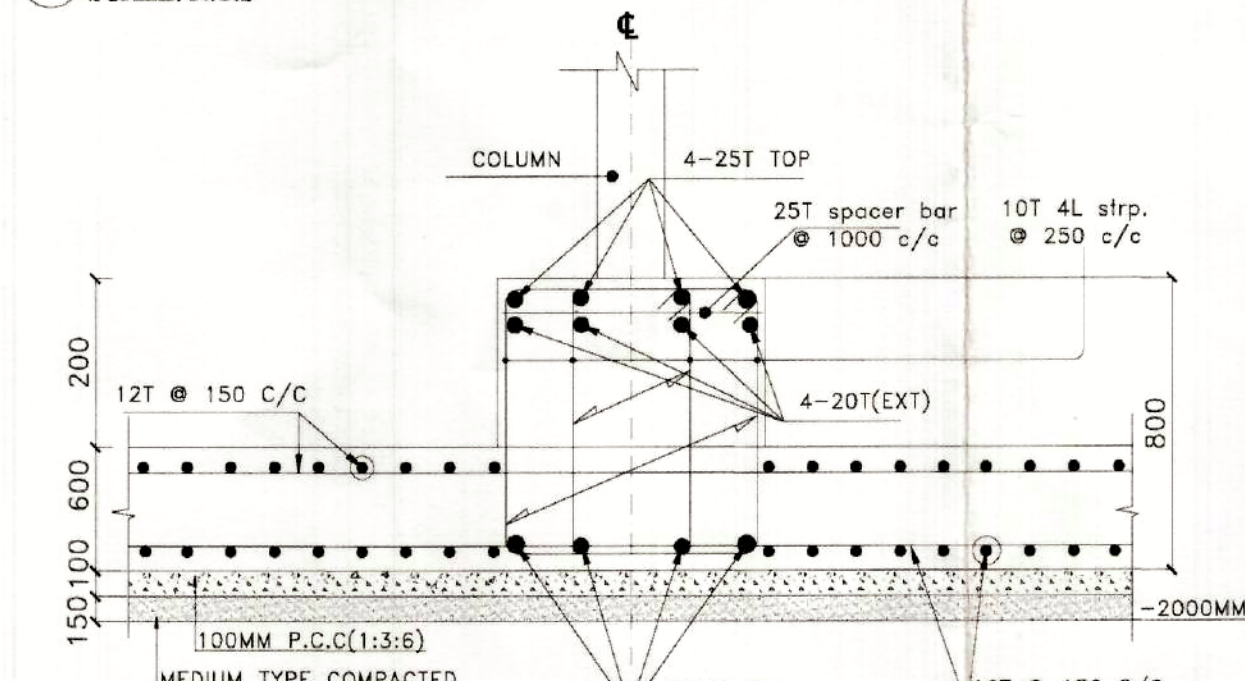
2 FOUNDATION LAYOUT PLAN SCALE: 1:100

TABLE NO:-04 (SCHEDULE OF RAFT BEAMS)

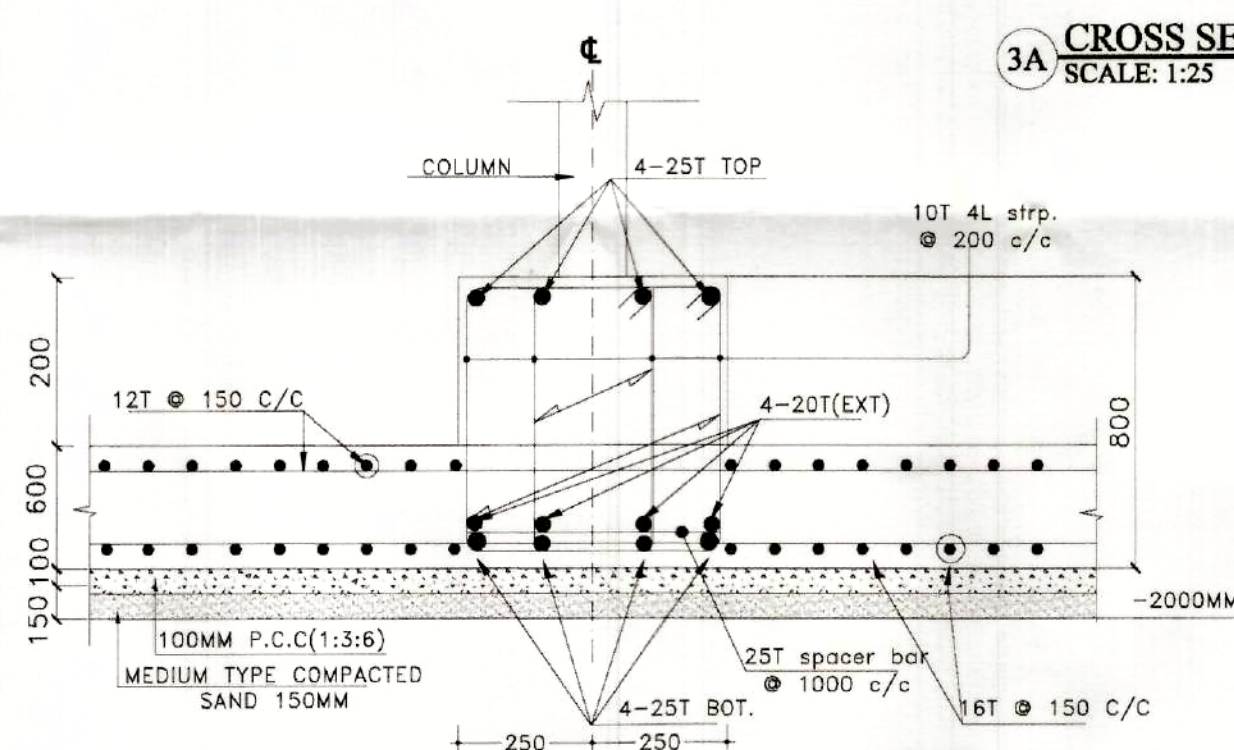
Beam Mkd	Size	All Through		Ext. at End Supp. Bot.	Ext. at Spon Top.	Ext. at Cont. Supp. Bot.	STIRRUPS	
		Top	Bot				Support	Span
RB	500 800	4-25T	4-25T	4-20T	4-20T	4-20T	4L-10T@200c/c	4L-10T@250c/c



3 LONG SECTION OF RAFT FOUNDATION (RB) SCALE: N.T.S



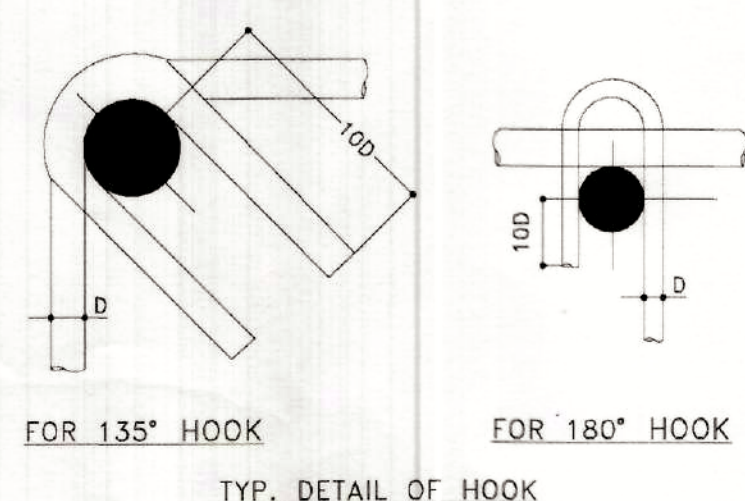
3A CROSS SECTION - A-A SCALE: 1:25



3B CROSS SECTION - B-B SCALE: 1:25

STIRRUP DETAIL (d = DIA OF STIRRUP BAR)

(d = DIA OF STIRRUP BAR)



7 SECTION OF LIFT WALL SCALE: 1:25

4 DETAILS OF STAIR SCALE: N.T.S

TYP. RCC DETAIL OF FLIGHT-1 (SHOWING REINF.) SCALE: 1:25

PROJECT NAME:-

STRUCTURAL DRAWING OF PROPOSED (G+4) FIVE STORED RESIDENTIAL BUILDING OF MR. PRANKRISHNA DAS, S/O LATE SACHINDRA KUMAR DAS (DEVELOPED BY SANKALPA REAL ESTATE DEVELOPERS), R.S PLOT NO-1/524.L.R PLOT NO.- 80, KHATIAN NO.-1752, J.L. NO.-109, MOUZA-SHANKARPUR, P.S.-NEW TOWNSHIP, 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) 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:-

Sankalpa Real Estate Developers
Partner

VETTED BY:-

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

TITLE:-

COLUMN LAYOUT PLAN, FOUNDATION LAYOUT PLAN, SCHEDULE OF COLUMN, SCHEDULE OF FOUNDATION, LONG SECTION OF RAFT FOUNDATION, SECTION OF LIFT WALL, DETAILS OF STAIR.

DRAWN BY:- A. BHATTACHARJEE

CHECKED BY:- S. AKHTAR

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

REV-00

DATE : 20.09.2022

SHEET NO:- GIDS/STRUC:-01-02

SIGNATURE OF ARCHITECT:-

HIROK GHOSH
Consultant Civil Engineer - (Class-A)
Lic No. - LBPM/163/AMC/DMC/DPD/165
DCE, B-TECH, G.I.D.S., Durgapur-16
Contact No. - 9332333331

SIGNATURE OF GEO-TECHNICAL ENGINEER:-

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SIGNATURE OF STRUCTURAL ENGINEER:-

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DCE, B-TECH, G.I.D.S., Durgapur-16
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