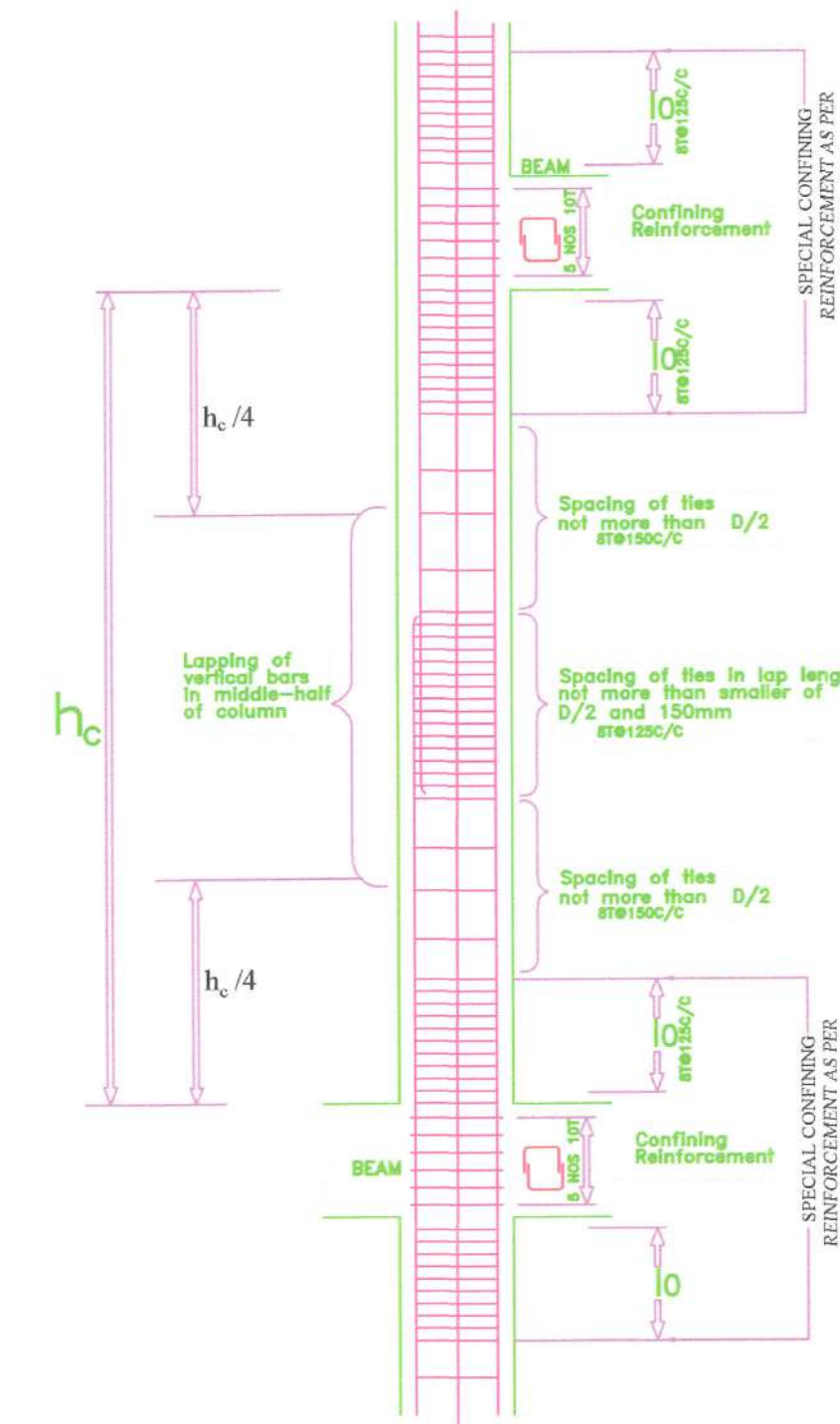


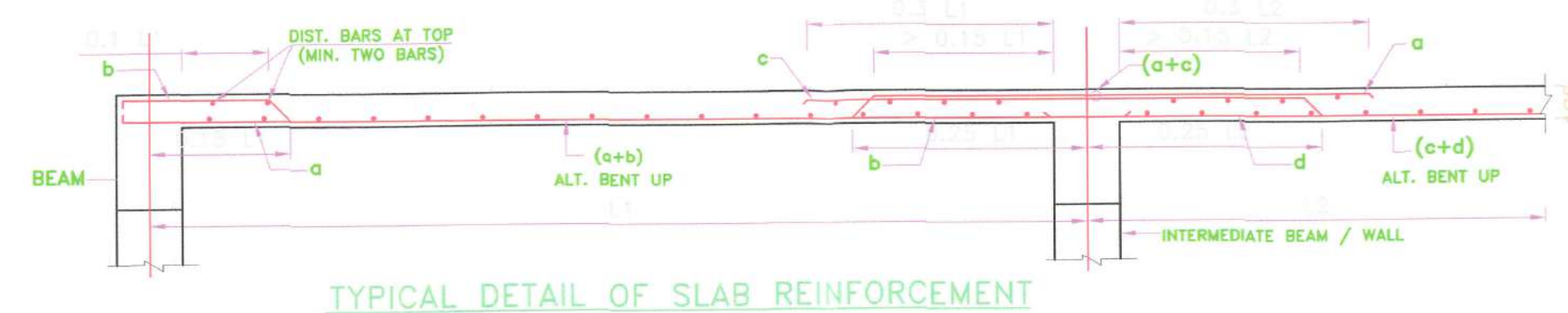
COLUMN SCHEDULE

ROOF FLOOR TO MUMPTY FLOOR	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM			
	LINKS T8 @ 150	LINKS T8 @ 150			
THIRD FLOOR TO ROOF FLOOR	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM
	LINKS T8 @ 150	LINKS T8 @ 150	LINKS T8 @ 250	LINKS T8 @ 150	LINKS T8 @ 250
SECOND FLOOR TO THIRD FLOOR	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM
	LINKS T8 @ 150	LINKS T8 @ 150	LINKS T8 @ 250	LINKS T8 @ 150	LINKS T8 @ 250
FIRST FLOOR TO SECOND FLOOR	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM
	LINKS T8 @ 150	LINKS T8 @ 150	LINKS T8 @ 250	LINKS T8 @ 250	LINKS T8 @ 250
GROUND FLOOR TO FIRST FLOOR	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM
	LINKS T8 @ 150	LINKS T8 @ 150	LINKS T8 @ 250	LINKS T8 @ 250	LINKS T8 @ 250
BASEMENT TO GROUND FLOOR	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM	M30 : Fe500 , COVER = 50MM
	LINKS T8 @ 150	LINKS T8 @ 150	LINKS T8 @ 250	LINKS T8 @ 250	LINKS T8 @ 250
COLUMN MARKED	C1, C4, C7, C9, C11, C12, C16	C2, C5, C6, C8, C10, C13, C15	C14, C17	C3	C18, C19



TYPICAL DETAILS OF COLUMN

STIRP. MARK	LEG, DIA AND SPACING
S1	2L-8@150
S2	2L-8@75
S3	3L-8@75
S4	2L-8@125
S5	2L-10@175
S6	3L-10@75
S7	2L-10@75



TYPICAL DETAIL OF SLAB REINFORCEMENT

SLAB MKD	SLAB THICKNESS (mm)	REINFORCEMENT ALONG SHORTER DIRECTION	REINFORCEMENT ALONG LONGER DIRECTION	DISTRIBUTOR
S1	125	8MM TOR @ 125 C/C	8MM TOR @ 125 C/C	8MM TOR @ 175 MMC/C WHEREVER REQUIRED
S2	125	10MM TOR @ 125 C/C	8MM TOR @ 125 C/C	8MM TOR @ 175 MMC/C WHEREVER REQUIRED

- ALL DIMENSION ARE IN MM. UNLESS AND OTHER WISE STATED.
- DO NOT SCALE, DRAWING WRITTEN DIMENSION SHOULD BE TAKEN.
- ALL LOOSE SOIL BE FILLED WITH P.C.C. OF 1:4:8
- ALL P.C.C. BELOW THE FOUNDATION SHALL BE OF 75MM THK. U.N.O. AND OF 1:4:8.
- CONSTRUCTION SHALL BE DONE AS PER IS 456:2000
- DUCTILE DETAILING SHALL BE DONE AS PER IS : 13920 (2016).
- ALL HOOKS, BENDS, LAP LENGTH AND DEVELOPMENT LENGTH SHALL BE AS PER RELEVANT INDIAN STANDARD
- LAP LENGTH SHALL BE OF 50 D. LAPPING SHALL NOT BE PROVIDED AT MAX SHEAR AND MAX MOMENT ZONE. ALSO LAPPING SHALL BE STAGGERED.
- GRADE OF CONCRETE M 30 (MIX DESIGN)
- GRADE OF STEEL Fe 500D
- CLEAR COVER OF REINFORCEMENT
 - FOR FOUNDATION 50MM. P.BEAM 30MM
 - FOR COLUMN 40 MM
 - FOR FLOOR BEAM 25 MM
 - SLAB I) TOP & BOTTOM 15 MM II) END 25 MM
- STAIR CASE TRADE-250MM, RISE-132 MM.
- ALL WORKS ARE TO BE CARRIED OUT AS PER TECHNICAL SPECIFICATION & RELEVANT IS CODES.
- BEARING CAPACITY OF SOIL IS CONSIDERED AS PER SOIL REPORT GIVEN BY GEOTECHNICAL ENGINEER.

THE STRUCTURAL DESIGNER IS RESPONSIBLE FOR THE DESIGN ONLY THE CONSTRUCTION SUPERVISION FALLS OUT SIDE THE PREVIEW OF DESIGNER

PROPOSED STRUCTURAL DRAWING OF B+G+3 STOREY COMMERCIAL CUM RESIDENTIAL BUILDING UNDER BOLPUR MUNICIPALITY OF MR. PRADIP KUMAR DUTTA , MR. SUDIP KUMAR DUTT, MRS. PRANATI DUTTA AT MOUJA:- KALIKAPUR, JL NO.- 98, KH NO.- 1282, 1283 & 5039, PLOT NO.- 57/15000, WARD:- 12, HOLDING NO:- 149/143/82 & 150/144/83/A PO+PS:- BOLPUR, DIST.- BIRBHUM, PIN.- 731204

AREA STATEMENT	
AREA OF LAND AS PER DEED -	2864.87 SQ.FT. = 6.57 SATAK
	SQ.FT.
BASEMENT AREA	1780.50
GROUND FLOOR AREA	1780.50
1ST FLOOR AREA	1798.50
2ND FLOOR AREA	1798.50
3RD FLOOR AREA	1798.50
STAIR & LIFT HEAD ROOM AREA	195.00
TOTAL FLOOR AREA	8956.50

CONSULTANT
CONCEPT ARCHITECTURAL & STRUCTURAL SOLUTION
 BOLPUR, WEST BENGAL, PIN 731204
 CONTACT NO. +917003241922, +918116547117,

NORTH

Signature of Owner: Pradip Kumar Dutta, Pranati Dutta

Signature of Designer: SK Jasimuddin

SK JASIMUDDIN
 B. Tech (Civ-El), M. Tech (Structure)
 EMPANELLED STRUCTURAL ENGINEER
 ESE / 11 / 656 (GMC)
 BM / PW / ESE-II / 01 (BM)

SIGNATURE OF OWNER

SCALE: 1:100, 1:50, 1:25

SHEET 2 OF 3

SK JASIMUDDIN
 EMPANELLED STRUCTURAL ENGINEER
 KOLKATA MUNICIPAL CORPORATION
 DESIGNED BY