

FOUNDATION DESIGN IS BASED ON THE RECOMMENDATIONS AS PER SUB-SOIL INVESTIGATION REPORT EXECUTED BY:

TUSHARBARAN PAHARI
 M.E. (STRUCTURE), AMIE
 MEMBER OF THE INDIAN GEOTECHNICAL SOCIETY
 CHARTERED ENGINEER
 Empowered Structural engineer of the Kolkata Municipal Corporation and H.D.C.O., New Town
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 KOLKATA-700026
 Mob No. 988338814, 9190554858

DRAWING TITLE - STRUCTURAL DETAILS (BLOCK-1)

PROJECT

PROPOSED G+VII STORED RESIDENTIAL BUILDING OF A PIECE OF A LAND OF SRI PROSANTA CH. DAS & OTHERS, AT MOUZA- SHYAMNAGAR NOW KRISHNAPUR, IN G.S. BAG NO- 960 TO 964, G.S. KHATIAN NO- 28 IN RESPECT OF MUNICIPAL HOLDING NO- 72, GOURI NATH SHASTRI SARANI, J.L. NO. 120, WARD NO- 27, UNDER SOUTH DUM DUM MUNICIPALITY, DISTRICT- 24 PARGANAS (N).

SPECIFICATIONS-

1. THE STRUCTURE IS DESIGNED AS A CONTINUOUS FRAME AND IN LIMIT STATE METHOD.
2. ALL CONCRETE SHALL BE M 20 AND CHARACTERISTIC STRENGTH OF STEEL SHALL BE 500 N/SQ.M.M.
3. ALL BRICKWORK SHALL BE WITH FIRST CLASS BRICKS IN CEMENT-SAND MORTAR-1:4.
4. ALL DIMENSIONS ARE IN MM.
5. THIS DRAWING IS TO BE READ ALONG WITH THE RELEVANT ARCHITECTURAL DRAWINGS.

CERTIFICATION OF OWNER

I/WE ALSO UNDERTAKE TO REPORT THAT THERE IS NO COURT CASE OR COMPLAINT FROM ANY CORNER OF MY/OUR PROPERTY AS PER PLAN/WE HERE BY DECLARE THAT I/WE WILL REPAIR / RECONSTRUCT IF ANY DAMAGE CAUSED TO THE EXISTING DRAIN WHILE CONSTRUCTION. FURTHER THERE IS NO TENANT IN THE AFORESAID PREMISES. S.D.M. WILL NOT BE LIABLE FOR ANY TYPE OF DISPUTE IF ARISES IN FUTURE.

AS THE CONSTITUTE ATTORNEY,
 OF SUBRATA DAS, SAURABH MONDAL,
 PROBIRTA CHANDRASEKAR, SHAMADAS,
 SUBODHINDAS, SREEMOYEE DAS,
 Subrata Das
 Ranjan Choudhury
 Dipankar Roy
 Dipankar Roy

SIGNATURE OF OWNER

CERTIFICATION OF BUILDING PLAN

I/WE DO HEREBY CERTIFY THAT PLANS ELEVATIONS AND SECTIONS AND OTHER STRUCTURE DETAILS OF THE PROPOSED BUILDING ON HOLDING NO-72, GOURI NATH SHASTRI SARANI, WARD NO-27 UNDER THE JURISDICTION OF SOUTH DUMDUM MUNICIPALITY HAVE BEEN PREPARED IN CONFORMITY WITH ALL RELEVANT PROVISION UNDER THE WEST BENGAL MUNICIPALITY (BUILDING) RULES, 2007. THIS ALSO TO CERTIFY THAT ALL RELEVANT NO OBJECTION CERTIFICATES FROM THE RESPECTIVE AUTHORITIES SUCH AS FIRE AND EMERGENCY SERVICES DEPARTMENT, AS APPLICABLE IN THIS REGARD ARE ALSO ENCLOSED WITH THE APPLICATION FOR SEEKING APPROVAL OF THE PLAN TO CONSTRUCT/ADDITION TO ALTERATION OF THE BUILDING ON THE SAID PLOT.

K.M. L.B.S. One Ray Chandra Shrivastava
 ASST. CHIEF ARCHITECT
 CHAR. BLDG. DIVISION

TAMAL CHAUDHURY
 B.Arch
 No. CA/202/29/103

SIG OF LICENSED BUILDING SURVEYOR/ARCHITECT

CERTIFICATION OF BUILDING OF STRUCTURAL STABILITY

I HEREBY CERTIFY THAT THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING PROPOSED FOR CONSTRUCTION ON HOLDING NO. 72, GOURI NATH SHASTRI SARANI, WARD NO. 27, UNDER THE JURISDICTION OF SOUTH DUM DUM MUNICIPALITY HAVE BEEN PERSONALLY INSPECTED AND SO DESIGNED BY ME/US WILL MAKE SUCH FOUNDATION AND SUPERSTRUCTURE SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL AND OTHER CONDITIONS, IF ANY CONFORMING TO ALL STIPULATIONS OF ALL RELEVANT IS CODE OF PRACTICE AND NATIONAL BUILDING CODE.

Subrata Mondal
 SUBRATA MONDAL
 Chartered Engineer (Civil)
 P.O. No. 11/ENG/11
 L.B.S. 750/H, B.S.E-1/174
 STEER, NEDA/10/00082

One Ray Chandra Shrivastava
 ASST. CHIEF ARCHITECT
 CHAR. BLDG. DIVISION
 No. CA/202/29/103

SIG OF STRUCTURAL ENGINEER

Tusharbaran Pahari

TUSHARBARAN PAHARI
 M.E. (STRUCTURE)
 HIGS No. 154/98
 P.O. No. 48/C, Arambaj Extension

SIG OF GEOTECHNICAL ENGINEER

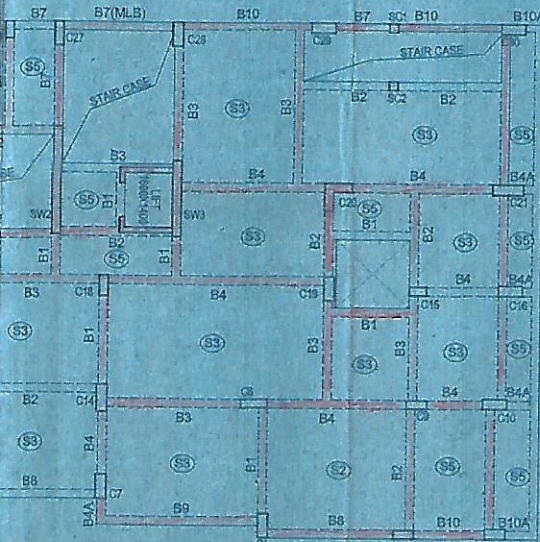
STRUCTURAL CONSULTANT

S.D. CONSULTANCY SERVICES

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 Kolkata-700014
 Ring: 033-2286-5702
 email: sdc@sdcservices.com
 sdconsultancy@sdcservices.com
 Website: www.sdconsultancy.com

DRAWN BY- K.H. SCALE: 1:100, 1:50, 1:25 SHEET NO- C.S. 1

CHECKED BY- S.M. REVISED ON- 00 DATE- 11.04.2018

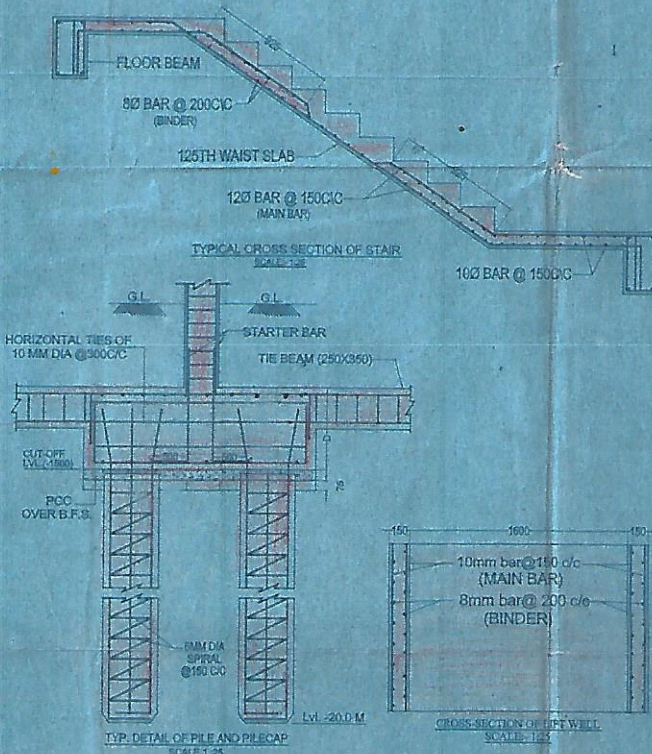


FLOOR BEAM LAYOUT (BLOCK-1)
 SCALE - 1:100

REINFORCEMENT	CAPACITY
4-102H4-120	34.4 TON
8-16 Ø	38.7 TON

REINFORCEMENT

TOP (D)	BOTTOM (G)
12MM DIA @ 150 C/C (bothway)	12MM DIA @ 150 C/C (bothway)
12MM DIA @ 150 C/C (bothway)	16MM DIA @ 150 C/C (bothway)
12MM DIA @ 150 C/C (B/W)	16MM DIA @ 150 C/C (B/W)
16MM DIA @ 150 C/C (bothway)	16MM DIA @ 150 C/C (bothway)
16MM DIA @ 150 C/C (bothway)	16MM DIA @ 150 C/C (bothway)
16MM DIA @ 150 C/C (bothway)	20MM DIA @ 150 C/C (bothway)
16MM DIA @ 150 C/C (bothway)	20MM DIA @ 150 C/C (bothway)
16MM DIA @ 150 C/C (bothway)	20MM DIA @ 150 C/C (bothway)
16MM DIA @ 150 C/C (bothway)	20MM DIA @ 150 C/C (bothway)
20MM DIA @ 150 C/C (bothway)	20MM DIA @ 150 C/C (bothway)
20MM DIA @ 150 C/C (bothway)	20MM DIA @ 150 C/C (bothway)



TYP. FLOOR SLAB SCHEDULE (CONCRETE GR. M25)

SLAB MKD	SLAB THICK	REINFORCEMENT	
		ALONG SHORTER SIDE	ALONG LONGER SIDE
S1	150	12mm @ 150c/c (top, Supp.) 10mm @ 150c/c (bottom)	12mm @ 180c/c (top, supp) 10mm @ 180c/c (bottom)
S2	125	8mm @ 125c/c (top, Supp.) 8mm @ 125c/c (bottom)	8mm @ 180 c/c (top, supp) 8mm @ 180c/c (bottom)
S3	100	8mm @ 150c/c (top, Supp.) 8mm @ 150c/c (bottom)	8mm @ 150 c/c (top, supp) 8mm @ 150c/c (bottom)
S4	125	10mm @ 125c/c (top.) 8mm @ 200c/c (bottom)	8mm @ 125c/c (top) 8mm @ 200c/c (bottom)
S5	100	8mm @ 200c/c (top.) 8mm @ 200c/c (bottom)	8mm @ 200c/c (top.) 8mm @ 200c/c (bottom)

100 c/c (near wall)
100 c/c (near wall)
100 c/c (near wall)
100 c/c (near wall)
5) (250X150)
SW-3