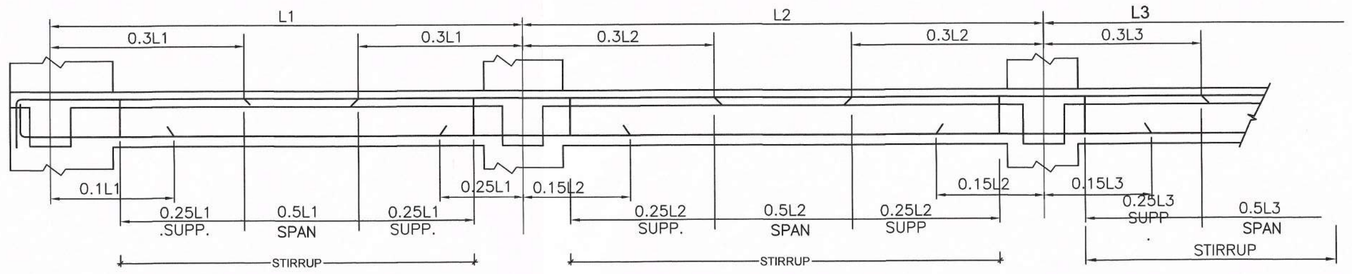
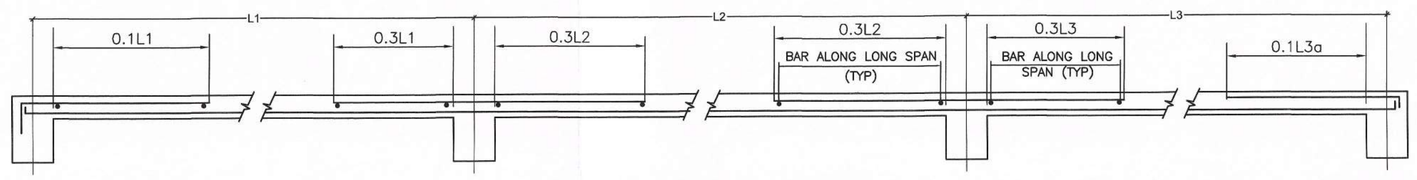
SCHEDULE OF FLOOR BEAMS

BEAM MKD.	SIZE.	REINFORCEMENT				STIRRUPS
		SUPPORT		SPAN		
		TOP	BOTT.	TOP	BOTT.	
B1,B2,B3,B4, B5,B6,B7,B8, B9,B10	200 X 400	2-16ϕ + 1-20ϕ	2-20ϕ	2-16ϕ	2-20ϕ	8ϕ@ 110 C/C & 8ϕ@ 250 C/C
B11	200 X 400	2-16ϕ + 1-20ϕ	2-20ϕ			8ϕ@ 110 C/C
B12	200 X 400	2-16ϕ + 1-20ϕ	2-20ϕ	2-16ϕ	2-20ϕ	8ϕ@ 110 C/C & 8ϕ@ 250 C/C
B13,B14,B15,B16, B17,B18,B19,B20, B23,B26,B33,B22, B27,B28,B30,B34, B35,B36,B40,B41, B94,B101,B42,B43, B46,B48,B118,B53, B54,B55,B56,B57, B58,B59	200 X 400	2-16ϕ + 1-20ϕ	2-20ϕ	2-16ϕ	2-20ϕ	8ϕ@ 125 C/C & 8ϕ@ 250 C/C
B60,B61,B62, B63,B64,B65 B67,B68,B69,B70	200 X 400	2-16ϕ + 1-20ϕ	2-20ϕ	2-16ϕ	2-20ϕ	8ϕ@ 110 C/C & 8ϕ@ 250 C/C
B71,B72,B73,B74	200 X 400	2-16ϕ + 1-20ϕ	2-20ϕ	2-16ϕ	2-20ϕ	8ϕ@ 110 C/C 8ϕ@ 250 C/C
B75,B72,B76,B77, B78,B79,B80,B81, B82,B83,B84,B85, B87,B88,B89	250 X 400	2-16ϕ + 2-20ϕ	2-20ϕ	2-16ϕ	2-20ϕ	8ϕ@ 110 C/C & 8ϕ@ 250 C/C
B90,B91,B92,B93, B94,B95,B96,B97, B98,B99,B100,B101, B102,B103,B104, B105,B106	250 X 400	2-16ϕ + 1-20ϕ	2-20ϕ	2-16ϕ	2-20ϕ	8ϕ@ 110 C/C & 8ϕ@ 250 C/C



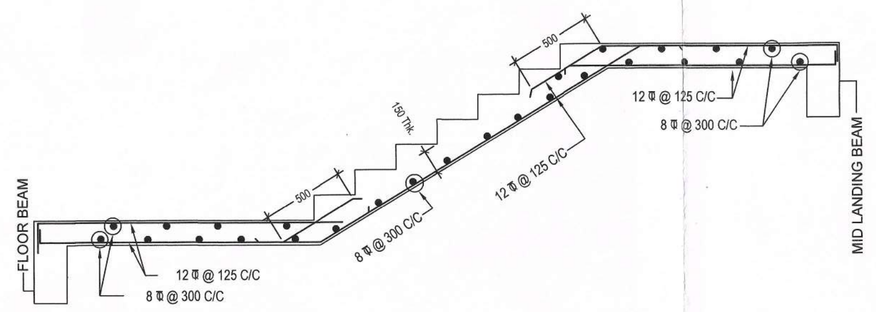
TYP. DETAIL FLOOR BEAMS



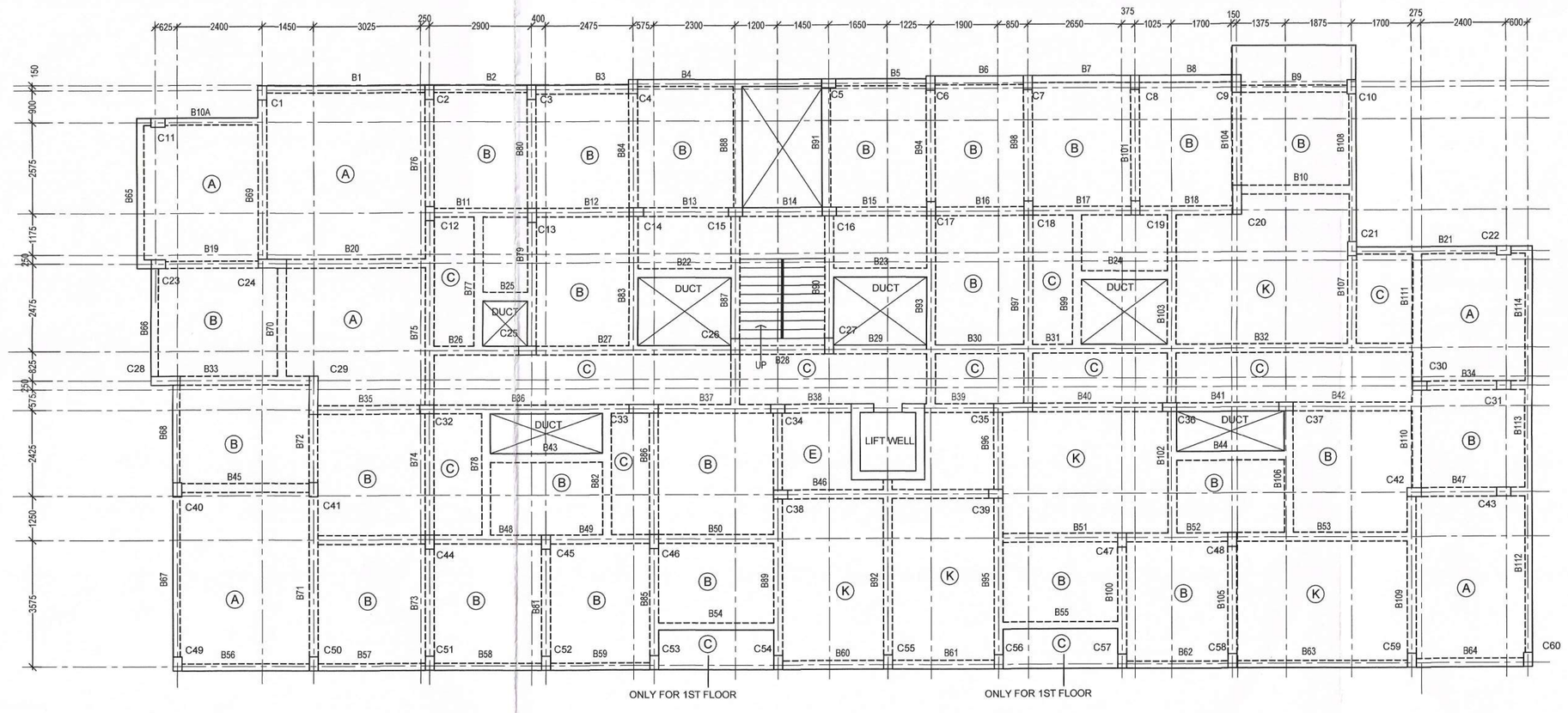
TYP. R.C. DETAIL OF SLAB

FLOOR & ROOF SLAB REINF. SCHEDULE

PANEL MKD.	THICKNESS	REINFORCEMENT		REMARK
		SHORTER DIRECTION	LONGER DIRECTION	
A	125	8 TOR @ 100 C/C	8 TOR @ 125 C/C	TWO WAY SLAB
B	100	8 TOR @ 125 C/C	8 TOR @ 125 C/C	TWO WAY SLAB
C	100	8 TOR @ 150 C/C	8 TOR @ 200 C/C	ONE WAY SLAB
D	150	8 TOR @ 110 C/C	8 TOR @ 110 C/C	TWO WAY SLAB
E	125	8 TOR @ 100 C/C	8 TOR @ 110 C/C	TWO WAY SLAB
F	150	12 TOR @ 125 C/C	8 TOR @ 300 C/C	STAIR CASE SLAB



R.C.C. DETAILS OF STAIR CASE
SCALE 1:25



R.C.C. DETAIL OF TYP. FLOOR SLAB

PROJECT

BUILDING PLAN OF THE PROPOSED G+IV STORYED RESIDENTIAL APARTMENT BUILDING AT R.S. DAG NO. 1775; L.R. DAG NO. 1951; L.R. KHATIAN NO. 5498; MOUZA : SIMLA; J.L. NO. 16; P.S. : CHINSURAH UNDER KODALIA 1 NO. GRAM PANCHAYET; DIST. : HOOGHLY

TITLE

STRUCTURAL DETAILS - PART - 02

DRG. NO.	SC/KCM/C1/15/CORP/ST-02		N
SCALE	1:100	DRAWN BY	BISWANATH
DATE	04.11.2015	CHKD BY	S.BASU
JOB NO.	SC/KCM/C1/15	APVD BY	A.DAS
DESIGNED BY		SPACE CRAFT	
ISSUED FOR		SANCTION	

AREA STATEMENT

NOTE:-

1. ALL DIMENSIONS ARE IN MM.
2. FOR LAY-OUT OF THE BUILDING REFER TO ARCHITECTURAL DRAWING
3. ALL R.C.C. WALL SHALL BE M25 (1S456)
4. CLEAR COVER TO MAIN STEEL AS FOLLOWS :-
   a) FOUNDATION - 50mm.
   b) COLUMNS - 40mm.
   C) BEAMS - 25mm.
   d) SLAB - 15mm.
5. TMT BARS OF GRADE Fe-415 SHALL BE USED
6. MINIMUM WATER CEMENT RATIO SHALL BE ADHERED TO.
7. BOND LENGTH 50 x DIA OF BAR.
8. BEARING CAPACITY OF SOIL ASSUMED AS 0 t /n2 AS PER SOIL TEST RESULT.

DECLARATION OF ARCHITECT

THE STRUCTURAL DESIGN AND DRAWINGS OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS.

S. N. BASU
B. E., M.I. STRUCT. E., M.I.C.E
ESE - 1/15
534 / 1 / 1, JODHPUR PARK
KOLKATA - 700 068
SUNANDAN NARAYAN BASU

SIGNATURE OF STRUCTURAL ENGINEER

May be Technically vetted
14-06-18
Assistant Engineer
Hooghly Zilla Parishad

DECLARATION OF ARCHITECT

I CERTIFY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF W.B. MUNICIPAL (BUILDING) RULE 1990 AS AMENDED FROM TIME TO TIME AND AS PER THE SITE CONDITION WHEREIN .

THE PLOT IS BOUNDED BY BOUNDARY WALLS AND PILLARS AND IT CONFIRMS WITH THE PLAN. IT IS A BUILDABLE SITE AND NOT A TANK OR FILLED UP TANK.

ANJAN DAS
Reg. Architect
Haridradanga, Chandannagar
Chandannagar Municipal Corporation
Reg. No.- 142

ANJAN DAS
C.O.A. REG. NO. CA/2003/31495

SIGNATURE OF ARCHITECT

Recommendation
1) The Foundation should be provide as per Bearing Capacity of Soil.
2) The Safety of structure should be checked as per I.S. Codes.
3) The Construction should be Carried out as per I.S. Codes under the Supervision the Qualified Engineer.

14.6.18
District Engineer
Hooghly Zilla Parishad

SANCTION

Validity of the Technically vetted Plan for three years
Since 14-06-18

Tapas Chakraborty
KARMADHYAKSHA
Purta Karya O Paribahan Sthayee Samiti
Chinsurah-Mogra Panchayat Samiti

14.6.18
District Engineer
Hooghly Zilla Parishad

Mainak Mondal
(Sri Mainak Mondal)
Constituted Attorney of
Smt. Sarbani Mondal)

SIGNATURE OF OWNER

Technically vetted
14.6.18
District Engineer
Hooghly Zilla Parishad

ARCHITECT

SPACE CRAFT
architectural design studio

P 543, RAJA BASANTA ROY ROAD, KOLKATA – 700029

THIS DRAWING IS A PRIVATE AND CONFIDENTIAL DOCUMENT AND MUST NOT BE COPIED OR LENT WITHOUT THE CONCENT OF M/S SPACE CRAFT

Memo No. 276/HZP-APL/18
Dt. 14-06-18