

PROJECT  
 BUILDING PLAN OF THE PROPOSED G+IV  
 STOREY 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

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 (15456)  
 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 0.1/1/2 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 LOADS AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS.

*S. N. BASU*  
 S. N. BASU  
 B. E., M. I. STRUCT. E., M. I. C. E.  
 ESE - 1/15  
 534/1/11, JOYDEPUR PARK  
 KOLKATA - 700 068  
 SUNANDAN NARAYAN BASU

SIGNATURE OF STRUCTURAL ENGINEER

DECLARATION OF ARCHITECT

I CERTIFY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF W.B. MUNICIPAL BUILDING RULE 1960 AS AMENDED FROM TIME TO TIME AND AS PER THE SITE CONDITION WHEREIN .

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

*Anjan Das*  
 ANJAN DAS  
 Reg. Architect  
 Haridradanga, Chandannagar  
 Chandernagar Municipal Corporation  
 Reg. No. - 142

SIGNATURE OF ARCHITECT

SANCTION

*Saparakshanti*  
 Tapes Charakborty  
 KARNATAKASHA  
 Purta Karya O Paribahan Sanyase Samiti  
 Chinsurah-Mogra Panchayat Samiti

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

SIGNATURE OF OWNER

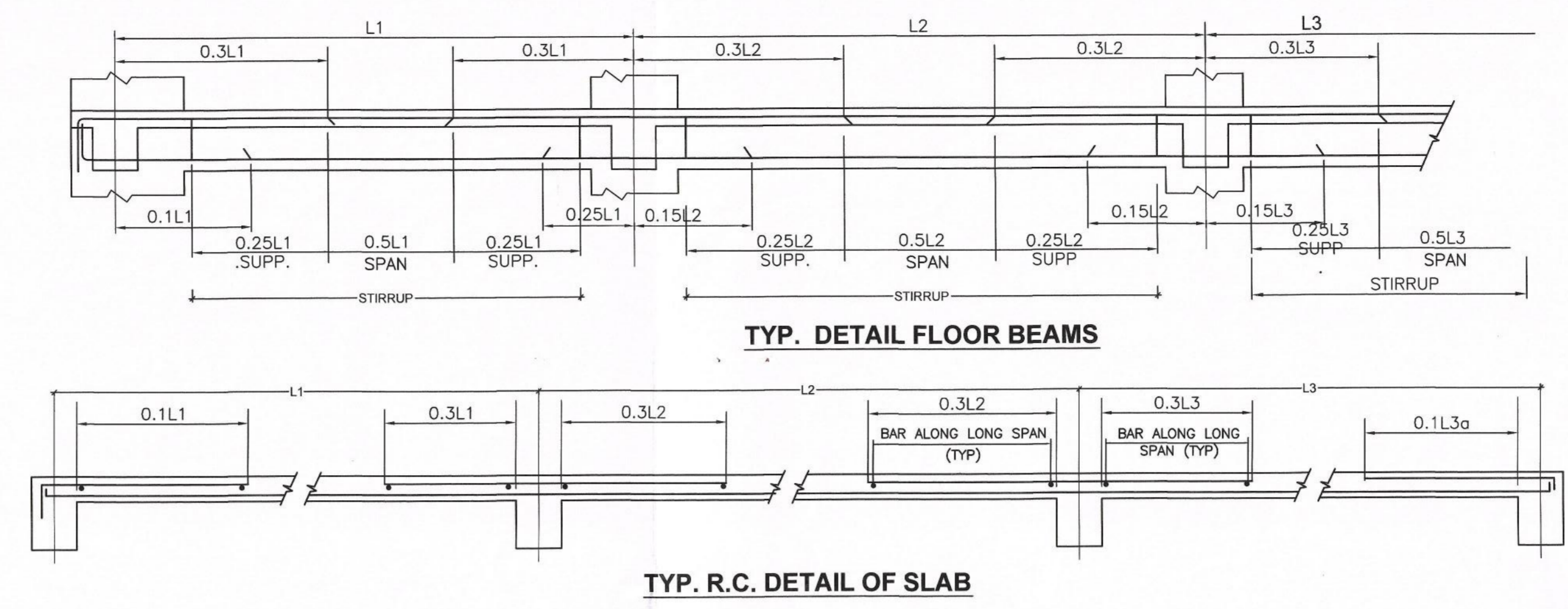
ARCHITECT

SPACE CRAFT  
 architectural design studio

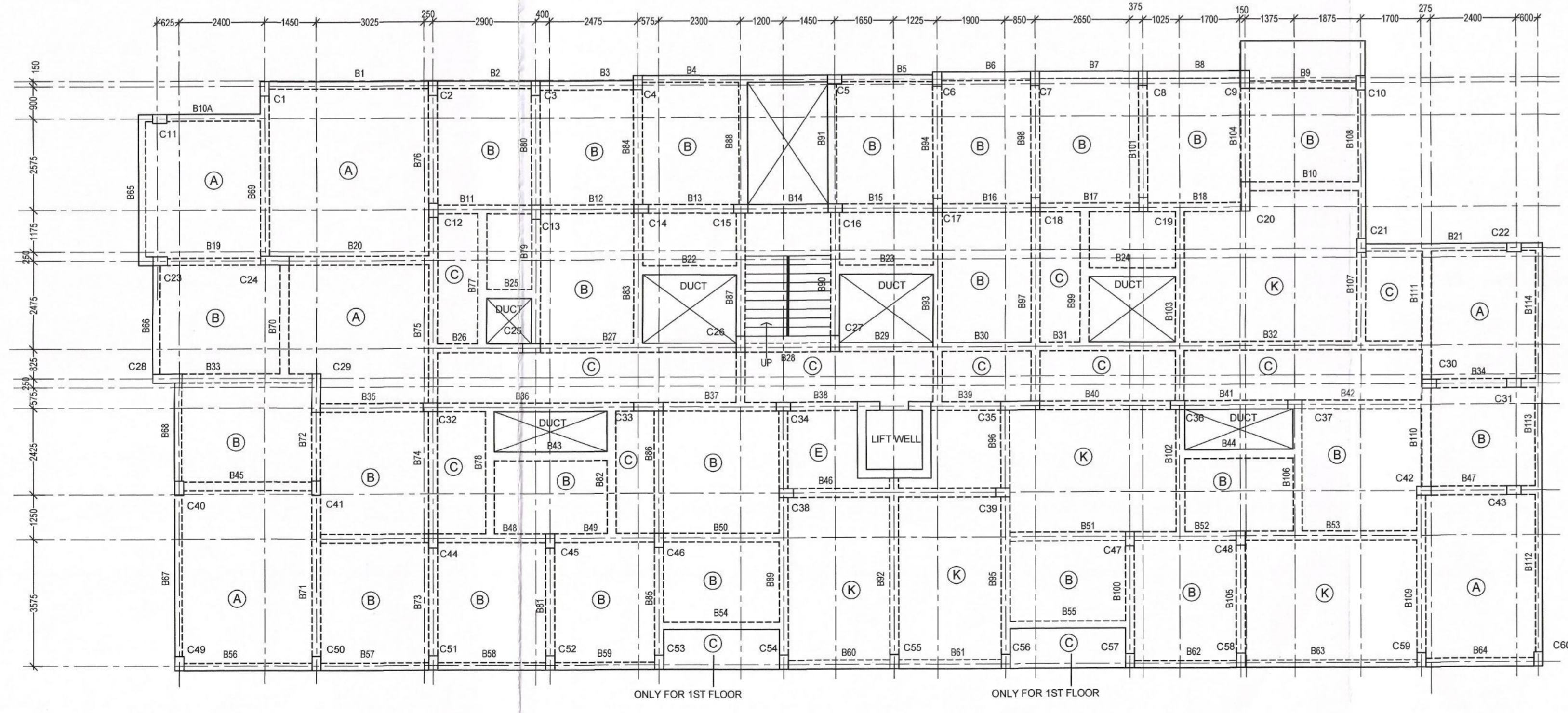
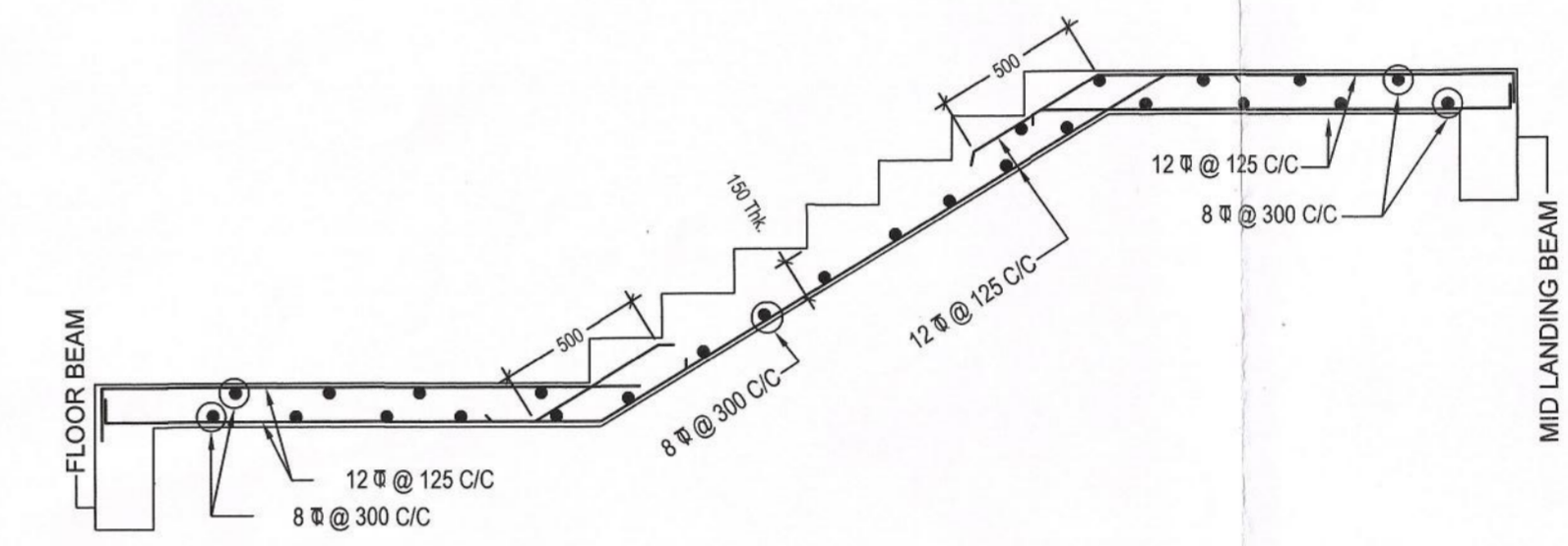
P 543, RAJA BASANTA ROY ROAD, KOLKATA - 700029

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BEAM MKD.	SIZE.	REINFORCEMENT				STIRRUPS
		SUPPORT		SPAN		
		TOP	BOTT.	TOP	BOTT.	
B1, B2, B3, B4, B5, B6, B7, B8, B9, B10	200 X 400	2-16 + 1-20	2-20	2-16	2-20	8@110 C/C & 8@250 C/C
B11	200 X 400	2-16 + 1-20	2-20			8@110 C/C
B12	200 X 400	2-16 + 1-20	2-20	2-16	2-20	8@110 C/C & 8@250 C/C
B13, B14, B15, B16, B17, B18, B19, B20, B21, B22, B23, B24, B25, B26, B27, B28, B29, B30, B31, B32, B33, B34, B35, B36, B37, B38, B39, B40, B41, B42, B43, B44, B45, B46, B47, B48, B49, B50, B51, B52, B53, B54, B55, B56, B57, B58, B59	200 X 400	2-16 + 1-20	2-20	2-16	2-20	8@125 C/C & 8@250 C/C
B60, B61, B62, B63, B64, B65, B67, B68, B69, B70	200 X 400	2-16 + 1-20	2-20	2-16	2-20	8@110 C/C & 8@250 C/C
B71, B72, B73, B74	200 X 400	2-16 + 1-20	2-20	2-16	2-20	8@110 C/C & 8@250 C/C
B75, B76, B77, B78, B79, B80, B81, B82, B83, B84, B85, B87, B88, B89	250 X 400	2-16 + 2-20	2-20	2-16	2-20	8@110 C/C & 8@250 C/C
B90, B91, B92, B93, B94, B95, B96, B97, B98, B99, B100, B101, B102, B103, B104, B105, B106	250 X 400	2-16 + 1-20	2-20	2-16	2-20	8@110 C/C & 8@250 C/C



PANEL MKD.	THICKNESS	REINFORCEMENT		REMARK
		SHORTER DIRECTION	LONGER DIRECTION	
		A	125	
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



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

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.

14-06-18  
 District Engineer  
 Hooghly Zilla Parishad

Technically vetted  
 14-06-18  
 District Engineer  
 Hooghly Zilla Parishad