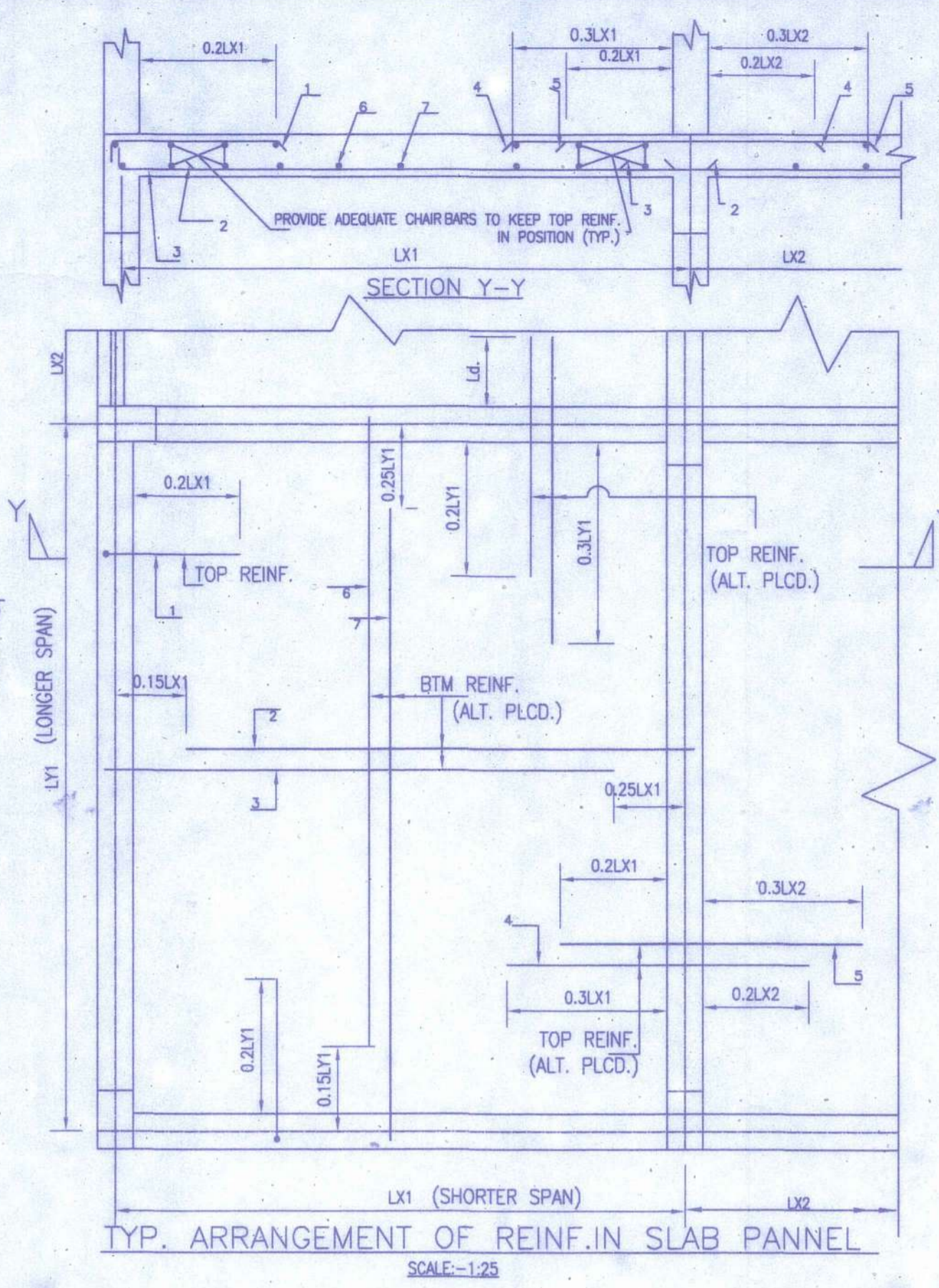
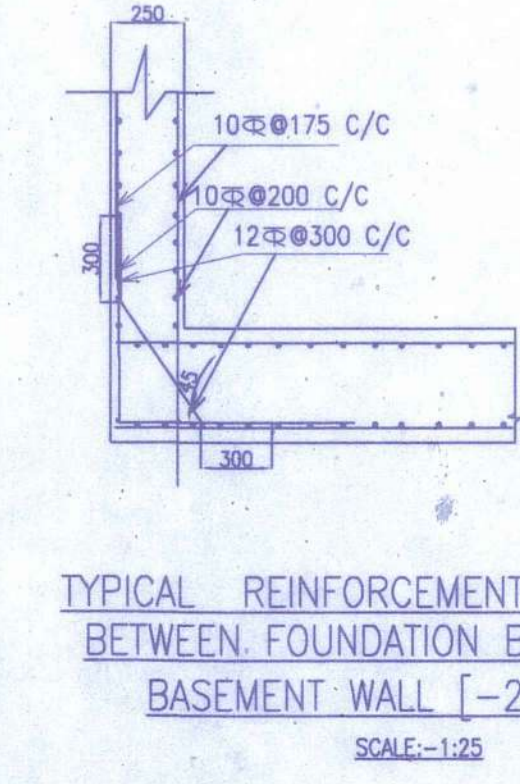
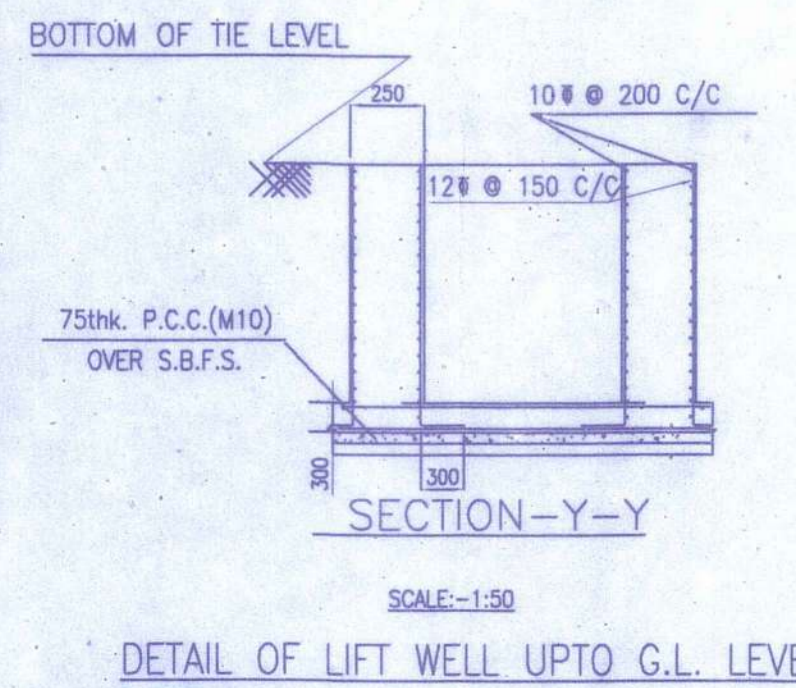
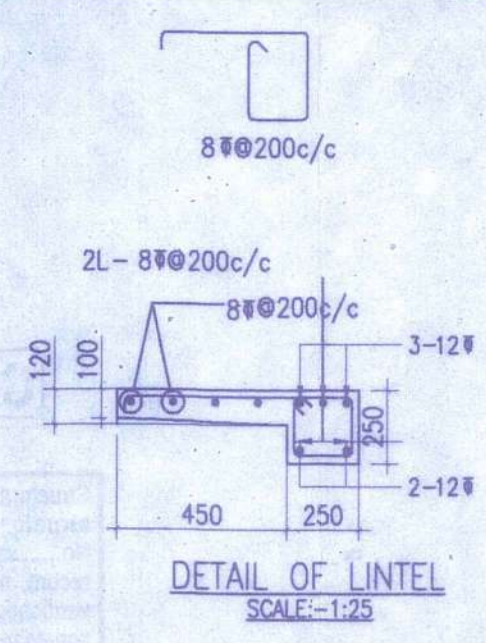


FOUNDATION LAY OUT PLAN [-1.50M LV.]
SCALE:-1:100



Panel Mkd.	Thick. (mm)	Bottom Reinforcement		Top Reinforcement over Contr. Suppt.	
		Short Span[2,3]	Long Span[6,7]	Short Span[4,5]	Long Span
S1	120	8φ150 c/c	8φ200 c/c	8φ150 c/c	8φ200 c/c

1. Provide reinforcement 8φ300/c[1] at discontinuous Support at Top.
2. Distribution Steel 8φ300/c Where ever Reqd.
3. Provide greater of the Two (i.e. Reinforcement lesser spacing) unless specified.
4. Provide support reinforcement at distance 0.02L / 0.30L from the face of support.
5. No curtailment of bottom reinforcement shall be done for bars having spacing 200c/c or more

- NOTES:
- ALL DIMENSIONS ARE IN MM
 - ALL STRUCTURAL CONCRETE SHALL BE OF GRADE M-25 CONFORMING TO IS: 456-2000 & REINFORCEMENT DETAIL FOLLOWED AS PER SP 34
 - ALL LEAN CONCRETE SHALL BE GRADE OF (1:4:8)
 - ALL REINFORCEMENT STEEL BARS SHALL CONFORM TO IS: 1786-1985 OF GRADE FE-500
 - UNLESS NOTED, OTHERWISE LAP/ ANCHOR (Ld) LENGTH SHALL BE 45 TIMES THE DIAMETER OF THE BAR OR CLAUSE 26.2.5.1 OF IS: 456-2000
 - CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:-
- | ITEMS | TOP | BOTTOM | SIDE |
|--------------------|-------|--------|-------|
| a) PILE CAP | 50 MM | 50 MM | 50 MM |
| b) COLUMN | 40 MM | 40 MM | 40 MM |
| c) TIE BEAM | 20 MM | 25 MM | 25 MM |
| d) FOUNDATION BEAM | | | 50 MM |

STRUCTURAL DECLARATION

- CERTIFIED THAT THE FOUNDATION AND THE SUPER STRUCTURE OF THE BUILDING HAVE BEEN SO DESIGNED BY ME TO BE SAFE IN ALL RESPECT INCLUDING IN THE CONSIDERATION OF THE BEARING CAPACITY & SETTLEMENT OF SOIL.
- THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS (HORIZONTAL & VERTICAL) AS PER THE NATIONAL BUILDING CODE OF INDIA.

TITLE : SLAB,BEAM,GIA PLAN & DETAIL OF WATER RESERVOIR TANK

PROPOSED ADDITIONAL THREE FLOOR(5TH TO 7TH.) OVER SANCTIONED OF B+G+IV STORIED RESIDENTIAL BUILDING AT HOLDING NO -5/2, KHETRA MITRA LANE, P.S.& MOUZA- GOLABARI, L.R. DAG NO-370,371,372, L.R.K.H.NO-32.88.218.279.391.404.682, J.L. NO-1, SHEET NO-20, WARD NO -11, BOROUGH - II, DIST - HOWRAH, UNDER H.M.C. PIN -711106,

STRUCTURAL DETAIL
ALL DIMENSIONS ARE IN M.M.

SHEET NO - 6 OF 8,
SCALE = 1:10 ; 25 ; 50 ; 100 ; 600 & 10,000

Tanusri Datta
TANUSRI DATTA
Empanelled Structural Engineer of
H.M.C. Class-I, Regd. No.-21
20+20/2, Shalimar Road, Howrah-3

SIGN. OF STR. ENG.

Mintu Paul
Ar. Mintu Paul (B. Arch.)
L.B.A. No.- 49, of H. M. C
S. Dulliya, Andul, Howrah 711302

SIGN. OF L. B. S./L.B.A.

Regis. Seal
Constituted Lawful Attorney
of
Sri Sourav Dutta alias Raja Dutta
Sri Bireswar Ganguly, Sri Ashok Kr. Ganguly
Smt. Poly Banerjee, Smt. Rina Koley,
Smt. Lalita Ganguly, Smt. Keka Chakraborty

SIGN. OF APPLICANT/S



H.M.C. SEAL

CERTIFIED COPY

Structural plan and design calculation as submitted by the structural engineer have been kept with B.P. No. 207/17 Date 11/11/17 for record of the Howrah Municipal Corporation without verification. No deviation from the submitted structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation and stability certificate in the prescribed form, necessary steps should be taken for the safety of the adjoining premises public and private properties and safety of Human Life during construction.

[Signature]
Assistant Engineer (In-Charge)
Building Department
Howrah Municipal Corporation

Additional 5 floors over
Sanctioned building
Approved by order of
Commissioner Dt. 11/11/17
Hon'ble Mayor Dt. 11/11/17

H.M.C. or its men/Officials/
agents are not responsible
for the Structural Stability.

Susae
11/11/17