

**PROJECT**

**ADDITION ALTERATION OF PROPOSED G+12,G+18 AFFORDABLE HOUSING UNDER PRADHAN MANTRI AWAS YOJANA & G+28 STORIED BUILDING AT PRE. NO.39/1 SHALIMAR ROAD, MOUZA SHIBPUR SHEET NO. 169,170,179,180, J.L. NO. 1, L.R. KHATIAN NO. 170,9,15, 17, L.R. DAG NO.12,13,39,40,41,42, 44,45, 60,61,62,63,6,7,8,9,10,11,12,13,14,15,16,17,21,22, 24,1,2,11 P.S-SHIBPUR, WARD NO-39, BOROUGH-VI, DIST HOWRAH -711013, UNDER BENGAL MUNICIPAL CORPORATION WEST BENGAL PREVIOUSLY SANCTIONED VIDE BRC NO. 358/19-20 DATED 4.02.2020**

**TITLE :**  
**G & A R.C DETAIL OF BASEMENT & CLUB FOUNDATION LAYOUT & GROUND FLOOR**

- PROVISIONS:**
- 1ST CLASS CEMENT BRICK WORK IN SUPERSTRUCTURE
  - 20 THK. EXT. BRICK WALL & 100 THK. INT. BRICK WALL IN 14 CONSOLID. MORTAR
  - LEAN CONC. (1:3) WITH 10MM DOWN BRIDGES STONE CHIPS FOR ALL P.C.C. WORKS
  - M25 CONC.(1:1:2) FOR ALL R.C.C. WORKS
  - 20MM & 10MM THK. PLASTER (1:3) ON EXT. & INT. BRICK WALL RESPECTIVELY & 10MM THK. 1:4:8 (1:3) ON CEILING
  - 20 X 8 FLAT ORNAMENTAL GRILL WITH WINDOW FRAME & 40 MM THK. MARBLE FLOORING INCLUDING BRITING OVER R.C.C. FLOOR SLAB
  - BRICK LAYER F.S. IN FOUNDATION & PLINTH
  - HIRE & LABOUR FOR SHUTTERING & LABOUR WORKS INCLUDING STOUT PROPS TO BE PLACED AS PER DIRECTON
  - TOR STEEL BAR FOR ALL R.C.C. WORKS INCLUDING DISTRIBUTERS & BINDERS
  - SANITARY & PLUMBING FITTING & FIXING COMPLETE AS PER R.I.
  - MATERIALS TO BE USED: CEMENT: PORTLAND, SAND: MEDIUM GRADE, STONE CHIPS: 10MM DOWN GRADE
  - CLEAR COVER TO MAIN REIN. FOUNDATION: 50MM, COLUMN: 40MM, BEAM: 25MM, SLAB: 20MM
  - SA. WOOD TO BE USED FOR DOOR & WINDOW FRAME & TEAK WOOD FOR SHUTTERS
  - ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED A WRITTEN DIMENSIONS WILL SUPERCEED MEASURED DIMENSIONS

**DECLARATION**  
 THE P.C.C. IS SETTLER & OCCUPYER BY BOUNDARY WALL. THE CHARACTER OF THE ROAD IS A H.M.C. ROAD. I HEREBY DECLARE WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN BY ME AS PER PROVISION OF P.M.C. BUILDING RULES 2005 AS EXTENDED BY THE MUTUANDS TO H.M.C. AND THE SITE CONDITION INCLUDING THE WIDTH OF THE ADJUTING ROAD CORFORM WITH THE SITE PLAN AND THAT IS BUILDABLE SITE AND NOT A TANK OR FILLED UP LAND

**SIGNATURE OF APPLICANT**  
 IDEAL REVIEWER PROJECTS PVT. LTD.  
 Chartered Authority  
 SIGNATURE OF ARCHITECT  
 BIBEK BIKASH MULLICK  
 BRC NO. 358/19-20  
 39/1 SHALIMAR ROAD, MOUZA SHIBPUR

**DECLARATION**  
 I CERTIFY THAT THE FOUNDATION AND THE SUPER STRUCTURE OF THE BUILDING HAVE BEEN SO DESIGNED BY ME THAT IT IS SAFE IN ALL RESPECT INCLUDING IN THE CONSIDERATION OF THE BEARING CAPACITY & SETTLEMENT OF SOIL.  
 2. THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN DESIGNED BY ME CONSIDERING ALL POSSIBLE LOADS (HORIZONTAL & VERTICAL) AS PER THE NATIONAL BUILDING CODE OF INDIA.

**SIGNATURE OF ARCHITECT**  
 BIBEK BIKASH MULLICK  
 BRC NO. 358/19-20  
 39/1 SHALIMAR ROAD, MOUZA SHIBPUR  
 SIGNATURE OF REGISTERED ENGINEER  
 GOVIND ENGINEERS PVT. LTD.  
 10/1, P. S. SHIBPUR  
 HOWRAH - 711013

**UNDERTAKING**

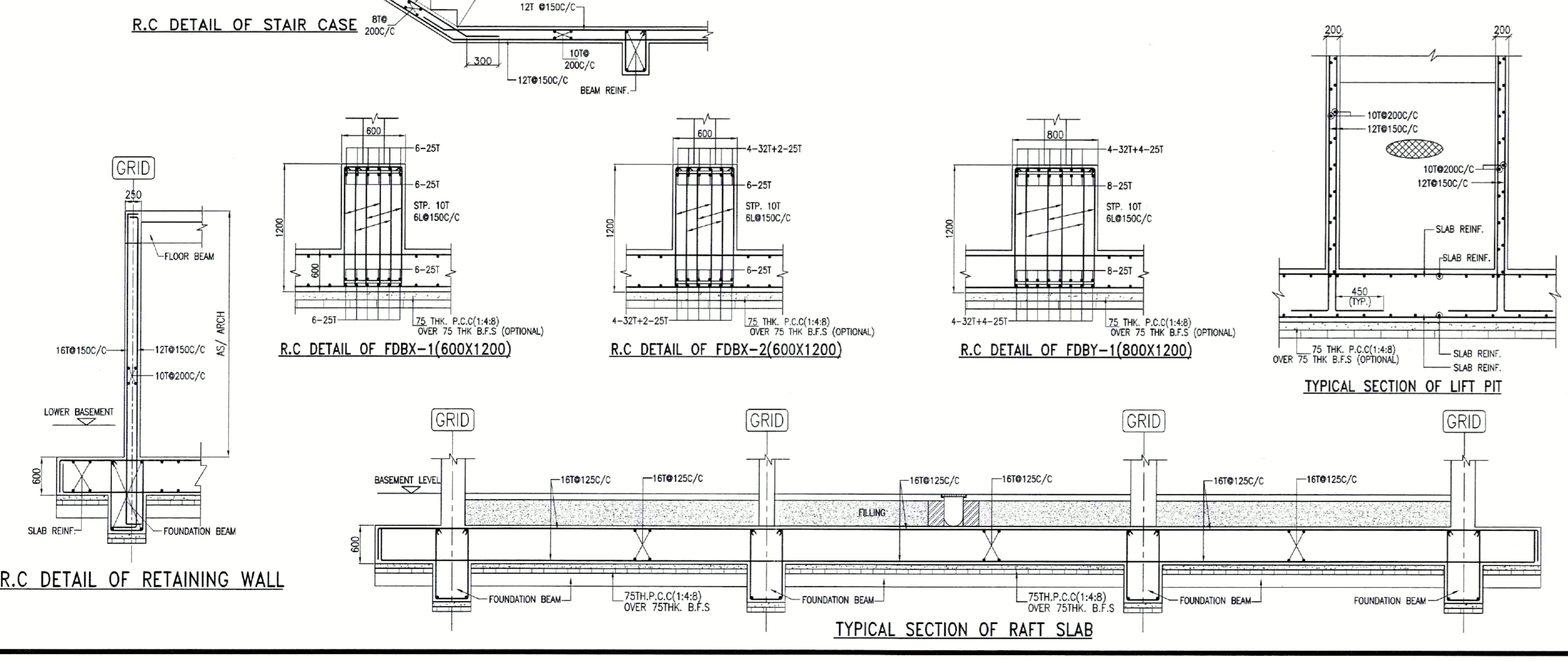
1. I HAVE UNDERTAKEN THAT WHEN THE SEWER LINE WILL BE AVAILABLE, I WILL SHALL TAKE CONNECTION AT MY OWN COST & AS PER R.I.
2. NO BUILDING MATERIALS WILL BE STACKED/DEPOSITED ON ROAD OVERHANG
3. I WILL SHALL ARRANGE FOR REPAIRS & MAINTENANCE OF TREE AS SHOWN IN THE DRAWING AT MY OWN COST.

**ARCHITECTS**  
 IDEAL REVIEWER PROJECTS PVT. LTD.  
 39/1 SHALIMAR ROAD, MOUZA SHIBPUR, KOLKATA - 700029  
 PHONE: 983-4001923  
 WEB: https://www.pmcstructure.in/structure/structure.html  
 Email: pmcstructure@gmail.com, bibeekb@rediffmail.com

**STRUCTURAL CONSULTANT:**  
**P.M. CONSULTANT**  
 STRUCTURAL ENGINEERING CONSULTANT  
 3/A, SIDDHESWARNAK ROAD, KOLKATA - 700029.  
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 Email: pmcstructure@gmail.com, bibeekb@rediffmail.com

DESIGNED-BM REF.  
 CHECKED-BM SCALE: 1:100, 1:25  
 DATE: 16.10.23  
 DEALT - rpb

**DRG. NO.:- P/MC/MUN/ST/SHALIMAR/BASEMENT & CLUB/01**  
 THIS DRAWING IS A PROPERTY OF P.M. CONSULTANT 3/A SIDDHESWARNAK ROAD, KOLKATA - 700029. ANY MODIFICATION, CHANGES, DEVIATIONS IS NOT PERMISSIBLE WITHOUT PRIOR INTIMATION TO P.M. CONSULTANT IN THE CONTRARY, THIS WILL BE TREATED AS ILLEGAL ACT.



**BEAM SCHEDULE:-**

BEM. MKD.	BEAM SIZE	SUPPORT REINFORCEMENT		SPAN REINFORCEMENT	
		TOP	BOTTOM	TOP	BOTTOM
BX-1	400x550	4-25T	2L-10T@115 C/C	4-25T	2L-10T@200 C/C
BX-2	400x550	4-25T	2L-10T@115 C/C	4-25T	2L-10T@200 C/C
BX-3	400x550	4-25T	2L-10T@115 C/C	4-25T	2L-10T@200 C/C
BX-4	200x500	4-25T	2L-10T@115 C/C	4-25T	2L-10T@200 C/C
BX-5	200x500	4-25T	2L-10T@115 C/C	4-25T	2L-10T@200 C/C
BX-6	200x500	3-20T	2L-8T@115 C/C	3-20T	2L-8T@200 C/C
BY-1	400x500	4-25T	2L-10T@115 C/C	4-25T	2L-10T@200 C/C
BY-2	400x500	4-25T	2L-10T@115 C/C	4-25T	2L-10T@200 C/C
BY-3	200x500	3-20T	2L-8T@115 C/C	3-20T	2L-8T@200 C/C
BY-4	250x500	3-20T	2L-8T@115 C/C	3-20T	2L-8T@200 C/C
BH-2	400x500	4-25T	2L-10T@115 C/C	4-25T	2L-10T@200 C/C

**COLUMN SCHEDULE**

COLUMN MKD.	COL. SIZE	FOUNDATION TO ROOF
BC1, BC3	(200x500)	34-16T
BC2	(250x500)	20-20T+14-16T
BC4	(250x600)	12-20T
BC5	(200x1100)	12-25T+10-20T
BC6	(200x500)	34-16T
BC7	(200x400)	6-20T

CONCRETE GRADE:- M-40  
 STIRRUP-BT (AS PER BEAM COLUMN JUNCTION)

**FLOOR SLAB SCHEDULE:-**

SLAB THK.	SHORTER SPAN		LONGER SPAN	
	SUPPORT TOP	MID SPAN BOTTOM	SUPPORT TOP	MID SPAN BOTTOM
100	8 T @ 150 C/C	8 T @ 200 C/C	8 T @ 150 C/C	8 T @ 200 C/C
115	8 T @ 150 C/C	8 T @ 175 C/C	8 T @ 150 C/C	8 T @ 200 C/C
150	10 T @ 150 C/C	10 T @ 150 C/C	10 T @ 150 C/C	10 T @ 150 C/C
175	12 T @ 150 C/C	12 T @ 150 C/C	12 T @ 150 C/C	12 T @ 150 C/C

**PARTY'S COPY**

Structural plan and design calculation submitted by the structural engineer have been kept with E.P. No. 144/21-22 Date 3/18/23 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  
Building Department  
Howrah Municipal Corporation

**APPROVED AS PER ORDER OF COMMISSIONER** 3/18/23

**PLACED IN MUNICIPAL BUILDING COMMITTEE DATED** 15/9/23