

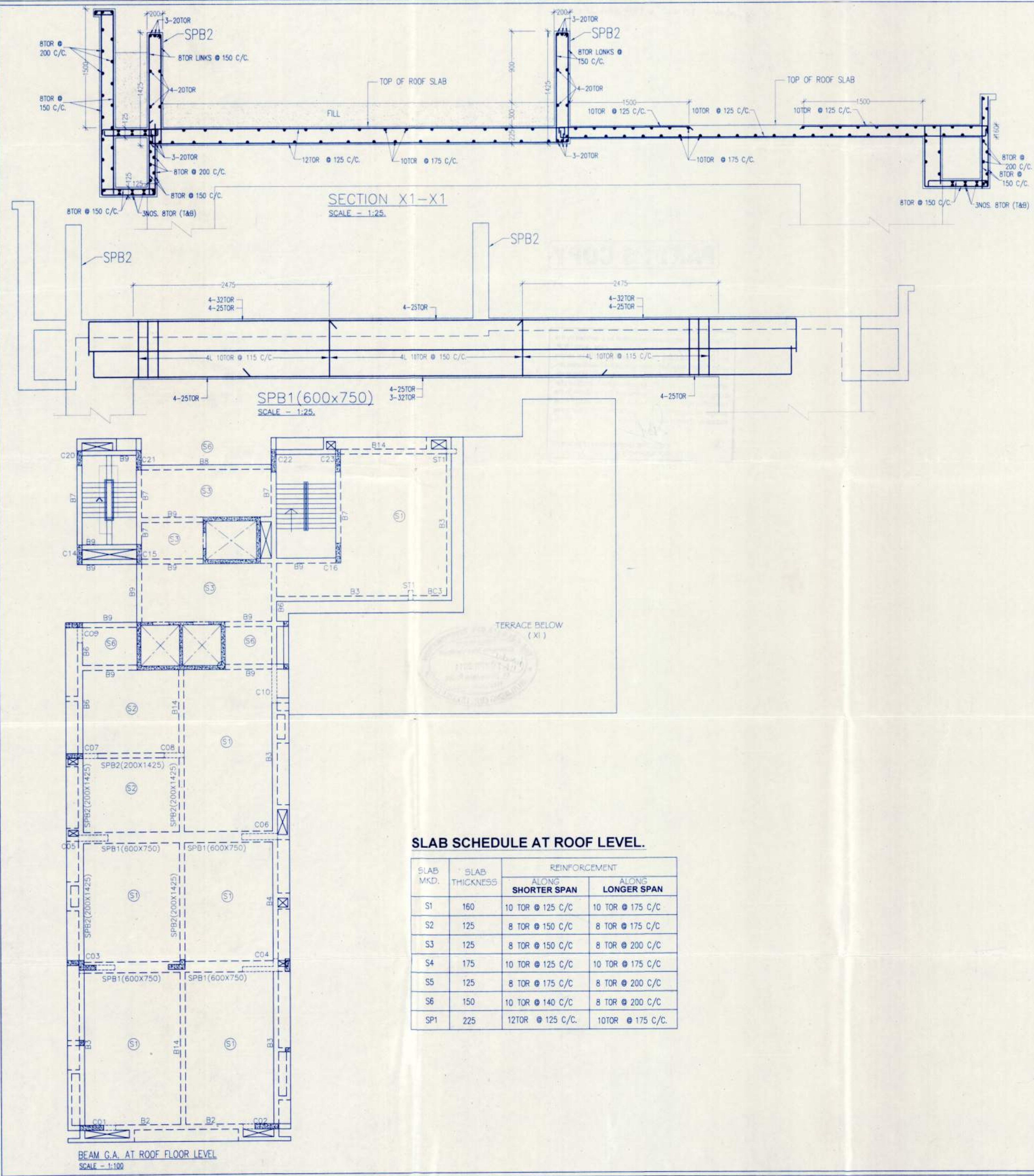
Structure Plan at Roof Level

**PARTY'S COPY**

Structural plan and design calculation as submitted by the structural engineer have been kept with B.P. No. 2015070006 Date 10/04/15 for record of the Kolkata Municipal Corporation without verification No. deviation from the submitted structural plan should be made at the time of execution (without submitting fresh structural plan along with design calculation and stability certificate in the prescribed form. Adequate steps should be taken for the safety of the adjoining public and private properties and safety of human life and construction.

*[Signature]*  
 EXECUTIVE ENGINEER/ASST ENGINEER  
 BOROUGH NO. IX

KOLKATA MUNICIPAL CORPORATION  
 DEPARTMENT OF BUILDINGS  
 Compliance Note Verification  
 No. 11-70 APR 2014  
 11, Belvedere Road  
 KOLKATA (BR. IX) DEPT.



**BEAM SCHEDULE AT ROOF LEVEL.**

BEAM MKD.	BEAM SIZE	REINFORCEMENT			STIRRUPS
		L.H. SUPPORT	SPAN	R.H. SUPPORT	
B2	250X800	2-20TOR+3-32TOR	2-20TOR	2-20TOR+3-32TOR	2L-10T LINKS @ 125 - 150 C/C
		3-25TOR	3-25TOR+2-32TOR	3-25TOR	
B3	250X800	2-16TOR+2-20TOR	2-16TOR	2-16TOR+3-25TOR	2L-8T LINKS @ 140 C/C
		2-20TOR	4-20TOR	2-20TOR	
B4	250X800	2-16TOR+3-25TOR	2-16TOR	2-16TOR+3-20TOR	2L-8T LINKS @ 140 C/C
		2-20TOR	2-20TOR+2-16TOR	2-20TOR	
B5	250X800	2-16TOR+3-20TOR	2-16TOR	2-16TOR+3-20TOR	2L-8T LINKS @ 150 C/C
		2-20TOR	3-20TOR	2-20TOR	
B6	250X800	2-16TOR+3-20TOR	2-16TOR	3-16TOR+3-20TOR	2L-8T LINKS @ 150 C/C
		2-20TOR	4-20TOR	2-20TOR	
B7	250X600	4-16TOR	2-16TOR	4-16TOR	2L-8T LINKS @ 150 C/C
		2-16TOR	3-16TOR	2-16TOR	
B8	250X600	2-16TOR+2-20TOR	2-16TOR	2-16TOR+2-20TOR	2L-8T LINKS @ 140 C/C
		2-16TOR	2-16TOR+2-25TOR	2-16TOR	
B9	250X500	3-16TOR	2-16TOR	2-16TOR+1-20TOR	2L-8T LINKS @ 150 C/C
		2-16TOR	3-16TOR	2-16TOR	
B10	250X600	2-16TOR+1-20TOR	2-16TOR	3-16TOR+1-20TOR	2L-8T LINKS @ 150 C/C
		2-16TOR	4-16TOR	2-16TOR	
B11	250X500	4-16TOR	2-16TOR	4-16TOR	2L-8T LINKS @ 150 C/C
		2-16TOR	2-16TOR+1-20TOR	2-16TOR	
B12	250X600	2-16TOR+2-25TOR	2-16TOR	2-16TOR+3-25TOR	2L-8T LINKS @ 140 C/C
		2-20TOR	4-20TOR	2-20TOR	
B13	250X600	2-16TOR+3-25TOR	2-16TOR	2-16TOR+3-25TOR	2L-8T LINKS @ 125 - 150 C/C
		2-20TOR	2-20TOR+2-25TOR	2-20TOR	
B14	250X500	2-16TOR+3-20TOR	2-16TOR	2-16TOR+1-20TOR	2L-8T LINKS @ 150 C/C
		2-16TOR	2-20TOR+2-16TOR	2-16TOR	
BC1	250X600	-	4-20TOR	-	2L-10T LINKS @ 125 C/C
		-	3-16TOR	-	
BC2	250X800	-	6-25TOR	-	4L-10T LINKS @ 100 C/C
		-	3-20TOR	-	
BC2	250X450	3-16TOR	2-16TOR	3-16TOR	2L-8T LINKS @ 150 C/C
		2-16TOR	4-16TOR	2-16TOR	

- NOTE :-**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT ARCH. DRAWINGS.
  - ALL DIMENSIONS ARE IN MM.
  - GRADE OF CONC. PILES :- M25 WITH MINIMUM CEMENT CONTENT OF 400KG/CUM AND MINIMUM SLUMP OF 175 MM. COLUMNS :- M40 AND ALL OTHER VERTICAL MEMBERS -M25.
  - GRADE OF STEEL Fe-415
  - CLEAR COVER (FROM LINKS) PILES: 50mm.
  - LAP LENGTH - Ld AS PER I.S. 456: 2000
  - BENTONITE SPECIFICATION AS PER IS 2911(PART-II)
  - CAPACITY OF PILE : P - 130.0 MT. PA - 130.0 MT. P1 - 84.0 MT.

**Ms. Gyaniram & Sons Private Limited**  
SATISH PANT  
Constituted Charney

SIGNATURE OF OWNER

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

SUVRANARAYAN SIL  
ME. CHARTERED ENGINEER  
5B, RUSSEL STREET, KOL-71  
ESE-163

SIGNATURE OF STRUCTURAL ENGINEER E.S.E

I DO HEREBY CERTIFY THE PLAN WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF KMC BUILDING RULES AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION INCLUDING THE WIDTH OF ABUTTING ROAD CONFIRM WITH THE PLAN AND THAT IT IS A BUILDABLE SITE NOT A TANK OR FILLED UP TANK. IT IS ABSOLUTELY A SOLID LAND THE PLOT IS BUTTED AND BOUNDED BY BOUNDARY WALL. THE ABUTTING ROAD IS 17.5 M WIDE K.M.C ROAD.

GOURI BOSH  
REGN NO. - CA/80299  
Chartered Architect

SIGNATURE OF ARCHITECT (REGN NO.-CA/80299)

DATE & SIGNATURE	REV NO.	DESCRIPTION

DEALT BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_

**PROJECT NAME**

SUPERCEDE  
PROPOSED PLAN FOR B+G+XI)  
STORIED RESIDENTIAL BUILDING AT  
PREMISES NO: 8/4, ALIPORE ROAD,  
KOLKATA - 700027, WARD NO:074,  
BOROUGH-IX UNDER P.S: ALIPORE,  
WITH VIDE B.P. NO:2014090041  
DATED 05/09/2014.

**DRAWING TITLE**

BEAM G.A. AT ROOF LEVEL,  
SCHEDULE OF BEAM & SLAB AND  
TYPICAL SECTION FOR SWIMMING  
POOL.

DRAWING NO. AR/KMC/MAIN/R26/S-07. REV. NO. 1. SCALE: 1:100, 1:25. DATE: 08/04/2015

**BOSE & ASSOCIATES**  
ARCHITECTS, ENGINEERS,  
CITY PLANNERS & INTERIOR DESIGNERS  
10 B MEGHDOOT, 12 ROWLAND ROAD,  
KOLKATA - 700 020.  
KOLKATA NEW DELHI

STRUCTURAL ENGINEER:  
**SUVRANARAYAN SIL**  
ME. CHARTERED ENGINEER  
5 RUSSEL STREET, KOLKATA - 700 071