

Structure

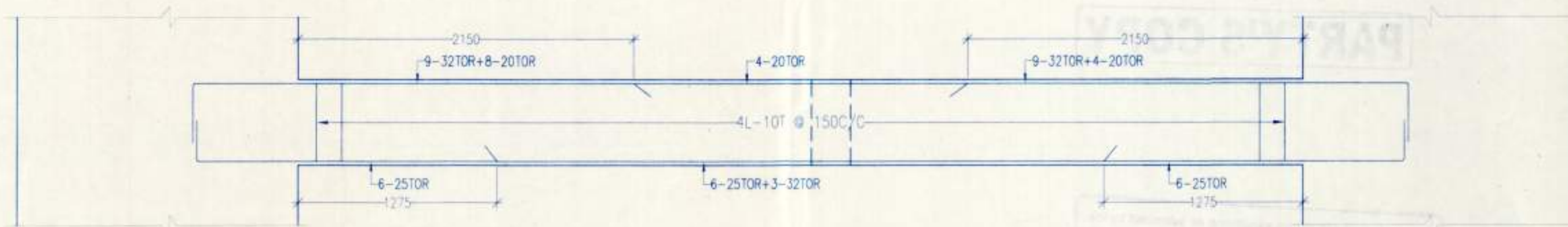
Typical Floor Beam

PARTY'S COPY

Structural plan and design calculation as submitted by the structural engineer have been kept with B.P. No. 2015090206 Date 01/04/15 for record of the Corporation without verification No. [Signature] EXECUTIVE ENGINEER/ASST. ENGINEER BOROUGH NO. 18

RECEIVED
 Concepts Not Verified
 10 APR 2014
 11, Belvedere Road
 BUILDING (BR. IX) DEPT.

BEAM & AT TYPICAL FLOOR LEVEL



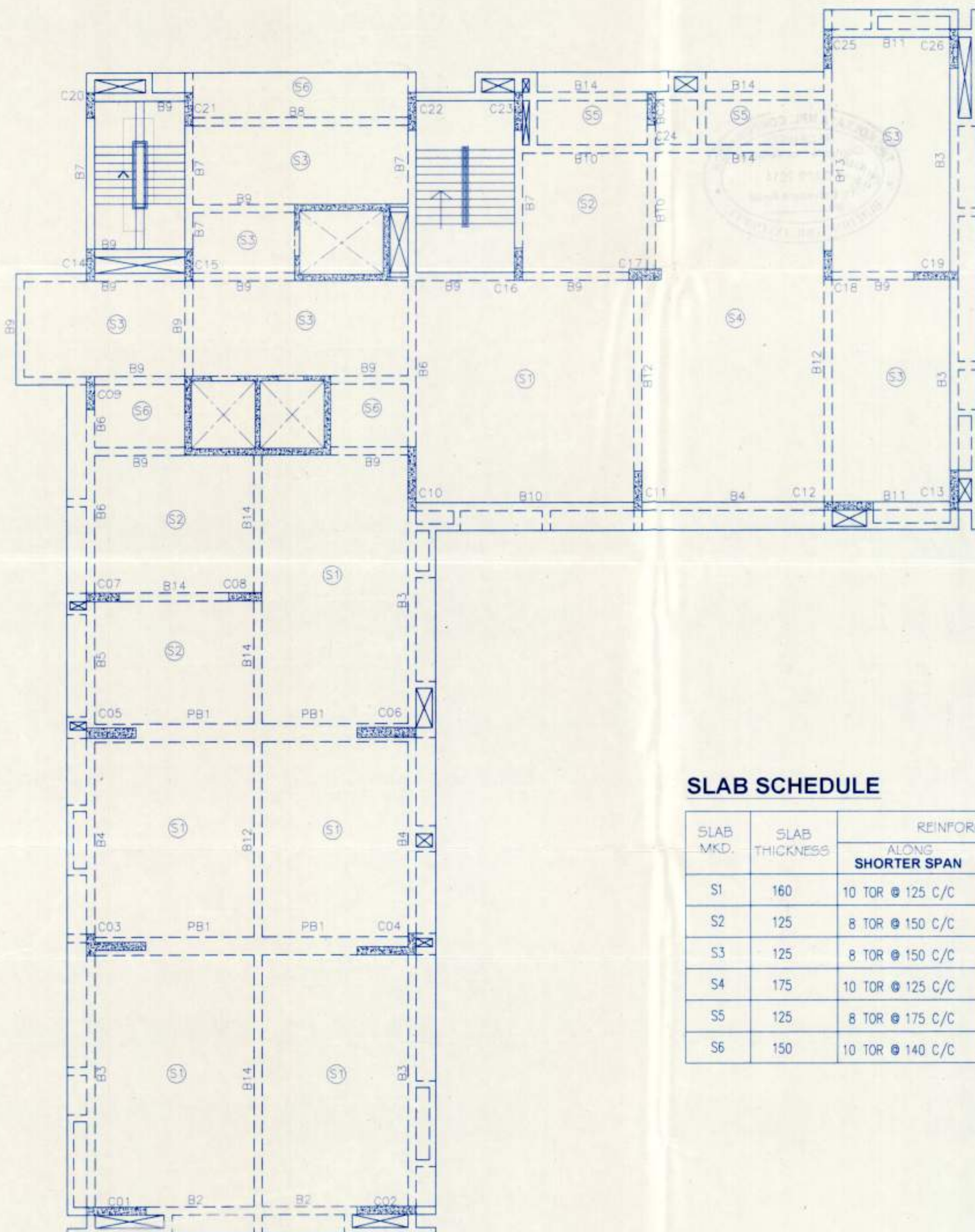
BEAM PBI (750 X 500)

COLUMN SCHEDULE AT MAIN BLOCK

COLUMN MKD.	COLUMN SIZE	REINFORCEMENT	STIRRUPS
C1 & C2	250X1800	26-25TOR	8T LINKS @ 200C/C
C3	250X1800	24-25TOR+8-32TOR	8T LINKS @ 200C/C
C4	250X1800	24-25TOR+8-32TOR	8T LINKS @ 200C/C
C5	300X1500	20-25TOR	8T LINKS @ 200C/C
C6	300X1800	24-25TOR	8T LINKS @ 200C/C
C7	250X1000	16-20TOR	8T LINKS @ 200C/C
C8 & C16	250X1000	16-20TOR	8T LINKS @ 200C/C
C9	250X1000	8-20TOR+8-25TOR	8T LINKS @ 200C/C
C10	250X1950	24-20TOR	8T LINKS @ 200C/C
C11	250X1500	20-20TOR	8T LINKS @ 200C/C
C12	250X1500	22-20TOR	8T LINKS @ 200C/C
C13	250X1200	20-25TOR	8T LINKS @ 200C/C
C14	250X1000	14-25TOR	8T LINKS @ 200C/C
C15	250X1000	16-20TOR	8T LINKS @ 200C/C
C17	350X1000	20-20TOR	8T LINKS @ 200C/C
C18	250X1250	20-20TOR	8T LINKS @ 200C/C
C19	250X1350	24-25TOR	8T LINKS @ 200C/C
C20	250X750	16-20TOR	8T LINKS @ 200C/C
C21	250X1000	24-20TOR	8T LINKS @ 200C/C
C22 & C23	250X1150	24-20TOR	8T LINKS @ 200C/C
C24	250X1150	8-25TOR+14-20TOR	8T LINKS @ 200C/C
C25	250X1200	24-20TOR	8T LINKS @ 200C/C
C26	250X1000	22-20TOR	8T LINKS @ 200C/C
CB01	250X400	6-20TOR	8T LINKS @ 200C/C
CB02	250X1000	16-16TOR	8T LINKS @ 200C/C
CB03	250X1000	16-16TOR	8T LINKS @ 200C/C

SLAB SCHEDULE

SLAB MKD.	SLAB THICKNESS	REINFORCEMENT	
		ALONG SHORTER SPAN	ALONG LONGER SPAN
S1	160	10 TOR @ 125 C/C	10 TOR @ 175 C/C
S2	125	8 TOR @ 150 C/C	8 TOR @ 175 C/C
S3	125	8 TOR @ 150 C/C	8 TOR @ 200 C/C
S4	175	10 TOR @ 125 C/C	10 TOR @ 175 C/C
S5	125	8 TOR @ 175 C/C	8 TOR @ 200 C/C
S6	150	10 TOR @ 140 C/C	8 TOR @ 200 C/C



BEAM G.A. AT TYPICAL FLOOR LEVEL

SCALE - 1/100

BEAM SCHEDULE

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 IS. 456: 2000
- BENTONITE SPECIFICATION AS PER IS 2911(PART-II)
- CAPACITY OF PILE : P - 130.0 MT. PA - 130.0 MT. PI - 84.0 MT.

Mr. Gyaniram & Sons Private Limited
SATISH PURI
 Chartered Attorney
 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.

Suvra Narayan Sil
 SUVRA NARAYAN SIL
 ME, CHARTERED ENGINEER
 5B, RUSSEL STREET, KOL-71
 ESB-1465

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 BOSE
 REGN. NO. CA/80/05994
 Council of Architects

SIGNATURE OF ARCHITECT (REGN. NO. CA/80/05994)

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 TYPICAL FLOOR
 LEVEL, SCHEDULE OF COLUMN,
 BEAM & SLAB.

DRAWING NO.	REV. NO.	SCALE
AR/KMC/MAIN/R26/S-05		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:

SUVRA NARAYAN SIL
 ME, CHARTERED ENGINEER
 5 RUSSEL STREET, KOLKATA - 700 071

