

I DO CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP IN ACCORDANCE WITH THE PROVISIONS OF F.M.C. BUILDING RULE 2009 AS AMENDED FROM TIME TO TIME & THAT THE SITE CONDITION INCLUDING THE WIDTH OF ABUTTING ROAD CONFORM WITH THE PLAN & WHICH HAS BEEN MEASURED AND VERIFIED BY ME. IT IS A BUILDABLE SITE AND NOT A TANK OR FILLED UP LAND. THE LAND IS DEMARCAED BY BOUNDARY WALL. THE CONSTRUCTION OF U/G WATER TANK AND SEPTIC TANK WILL BE COMPLETED BEFORE STARTING OF BUILDING FOUNDATION WORK.

STRUCTURAL CERTIFICATE:

THE STRUCTURAL DESIGN & DRAWING OF THE FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING: SERVICE LOAD AS PER NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT. SOIL TESTING HAS BEEN DONE BY DR. R. R. SAHU (I.C.E. MCE, PHILJUA), MGS OF MC CALCUTTA. TESTING CENTRE OF (ADD) K. SR. BAGAN ROAD, KOL-700034. THE RECOMMENDATIONS OF SOIL TEST REPORT HAS BEEN CONSIDERED DURING STRUCTURAL CALCULATIONS.

SIGNATURE OF STUDENT ENGINEER

I/WE DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT, I/WE SHALL ENGAGE L.B.S. & E.S.E. DURING CONSTRUCTION. I/WE SHALL FOLLOW THE INSTRUCTIONS OF L.B.S. & E.S.E. DURING CONSTRUCTION OF THE BUILDING (AS PER PLAN). K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADDITIONAL STRUCTURES IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FALSE. THE K.M.C. AUTHORITY WILL REVOKE THE SANCTION PLAN. THE CONSTRUCTION OF WATER RESERVOIR & SEPTIC TANK WILL BE UNDERTAKEN UNDER THE GUIDANCE OF E.S.E./L.B.S. BEFORE STARTING OF BUILDING FOUNDATION WORK.

SIGNATURE OF OWNER: _____

SPACE FOR OFFICE SEAL

PROPOSED G+IV STOREYED (BLOCK - II) RESIDENTIAL
BUILDING AT PRE. NO. 15, DR. N. G. SAHA ROAD,
WARD NO. 128, BOROUGH - XIV, P. S. - BEHALA,
KOLKATA - 700061, UNDER K.M.C.

'GUNJAN', 1ST. FLOOR, P-17 MITRA COLONY,
JAMES LONG SARANI, CALCUTTA-700034.
PHONE NO - 2447-1093, 2407 4948.
E-MAIL ID: sgn_cs@yahoo.com.

NO REPRODUCTION OR PUBLICATION OF THE DRAWING BE MADE IN ANY FORM, INCLUDING 2-DIMENSIONAL OR 3-DIMENSIONAL REPRODUCTION, AND NO ARTICLE BE MANUFACTURED OR ASSEMBLED IN ACCORDANCE WITH THIS DRAWING, USING ITS SALIENT OR DISTINGUISHING FEATURES, WITHOUT PRIOR WRITTEN CONSENT. THIS PROHIBITION IS A TERM OF ANY CONTRACT RELATING TO THIS DRAWING. THIS DRAWING IS A PROPERTY OF AWS S.G.A. CONSULTANTS. UNAUTHORIZED USERS WILL BE PROSECUTED UNDER THE COPYRIGHT ACT, 1957 AND THE DESIGN ACT, 1911.

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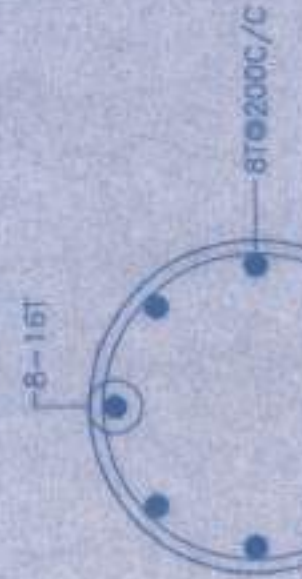
SCHEDULE OF THE BEAM						
BEAM NO.	BEAM TYPE	AS REPORTED		AS FOUND		REMARKS
		TOP	BOTTOM	TOP	BOTTOM	
10	200 x 40	3.10	3.40	3.10	3.40	BT 101 30.0°C
11	200 x 40	3.30	3.40	3.30	3.40	BT 102 30.0°C
12	200 x 40	4.10	4.10	4.10	4.10	BT 103 30.0°C
14	200 x 40	5.40	5.10	5.10	5.40	BT 104 30.0°C

TYPE	COMBINE	DRAFT PILE (mm)	INTERPILING		L (mm)	d (mm)	A11	A21	A25
			width	spacing					
PC1	CONCRETE PILE CAPS WITH C12.5 CRACK C12.5 CRACK C12.5 CRACK	45	6.15	8.850 C/C	100	70	5.15	6.15	8.850 C/C
PC2	CONCRETE PILE CAPS WITH C12.5 CRACK C12.5 CRACK C12.5 CRACK	60	6.15	8.850 C/C	100	70	5.15	6.15	8.850 C/C
PC3	CONCRETE PILE CAPS WITH C12.5 CRACK C12.5 CRACK C12.5 CRACK	80	6.15	8.850 C/C	100	70	5.15	6.15	8.850 C/C
PC4	CONCRETE PILE CAPS WITH C12.5 CRACK C12.5 CRACK C12.5 CRACK	40	6.15	8.850 C/C	100	70	5.15	6.15	8.850 C/C
PC5	CONCRETE PILE CAPS WITH C12.5 CRACK C12.5 CRACK C12.5 CRACK	60	6.15	8.850 C/C	100	70	5.15	6.15	8.850 C/C
PC7	CONCRETE PILE CAPS WITH C12.5 CRACK C12.5 CRACK C12.5 CRACK	40	6.15	8.850 C/C	100	70	5.15	6.15	8.850 C/C

TYPE	COLUMN	SOIL TEST RESULTS	REINFORCEMENT		L (mm)	I (mm)	U (mm)	S (mm)	D (mm)	ASTM	AISI
			MAN	BBO							
PCA	C75	601	E-8F	E BBO/C C	193	110	100	70	20	A36	A36

PILE TYPE	COUNT	DIA OF PILE (mm)	PILE RING		1 (mm)	2 (mm)	3 (mm)	AST	AST	AST
			MM	RING						
APC C11	400	6-12	6-12	6-12	700	700	700	4-12	4-12	4-12
								4-12	4-12	4-12

SCHEDULE OF SLAB		
SLAB NUMBER	THICKNESS SAB IN MM	SLAB REINFORCEMENT BARS REINFORCEMENT DETAILS
411	75	8MM @ 150 X 150 TO BOTTOM 8MM @ 150 X 150 TO BOTTOM
412	75	8MM @ 150 X 150 TO BOTTOM 8MM @ 150 X 150 TO BOTTOM
413	100	8MM @ 150 X 150 TO BOTTOM 8MM @ 150 X 150 TO BOTTOM
414	100	8MM @ 150 X 150 TO BOTTOM 8MM @ 150 X 150 TO BOTTOM
415	100	8MM @ 150 X 150 TO BOTTOM 8MM @ 150 X 150 TO BOTTOM



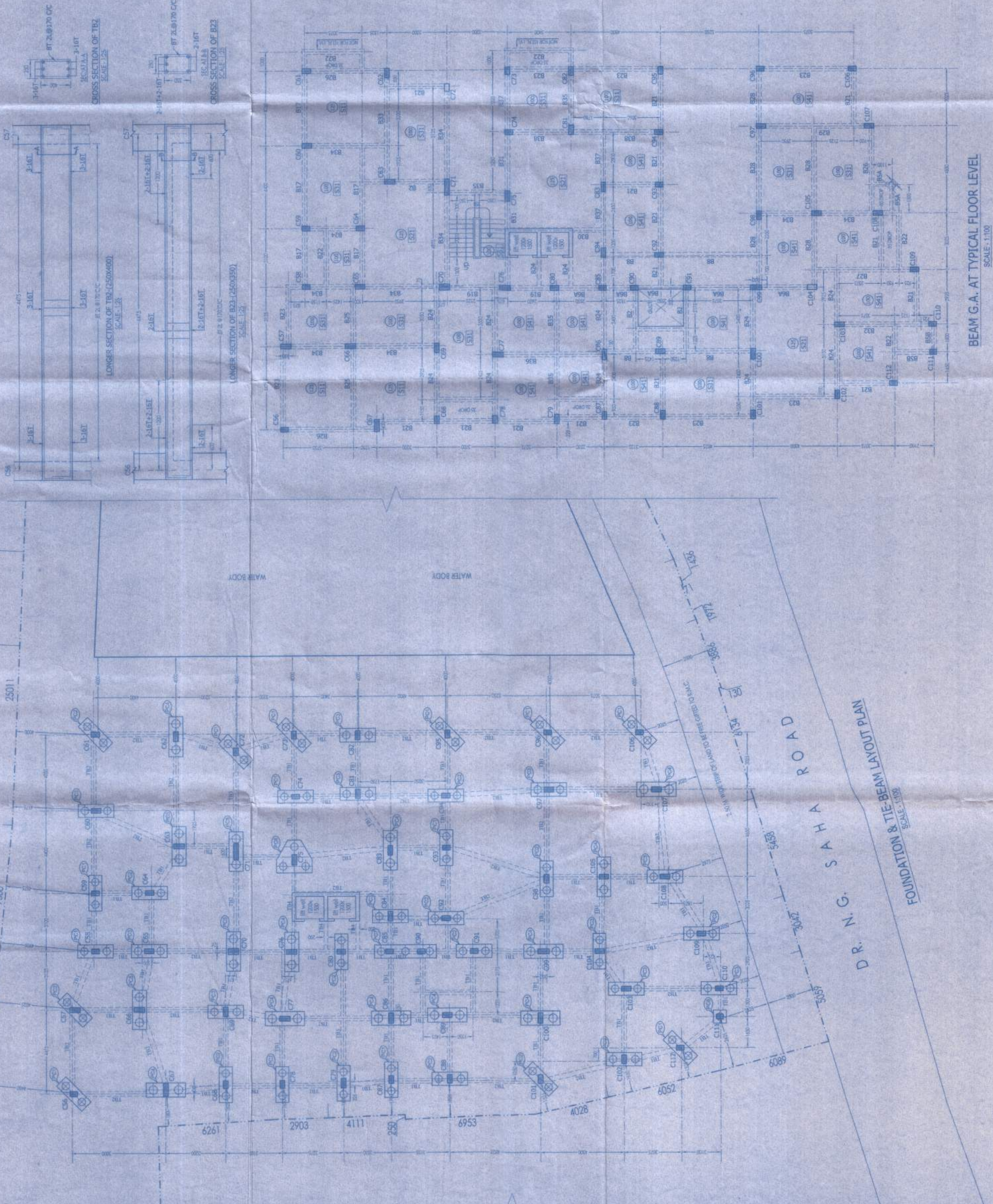
SECTION:-A-A

DETAILS OF 450Ø VERTICAL
CAST IN SITU BORED PILE
CAPACITY- 44T
SLUMP(150-180) CONC. GR
WITH MIN. CEMENT CONTE



SECTION:-A-A

DETAILS OF 4000 VERTICAL
CAST IN SITU BORED PILE
CAPACITY- 44T
SLUMP(150-180) CONC. GRADE
WITH MIN. CEMENT CONTENT



BEAM G.A. AT TYPICAL FLOOR LEVEL

SCALE - 1:100

