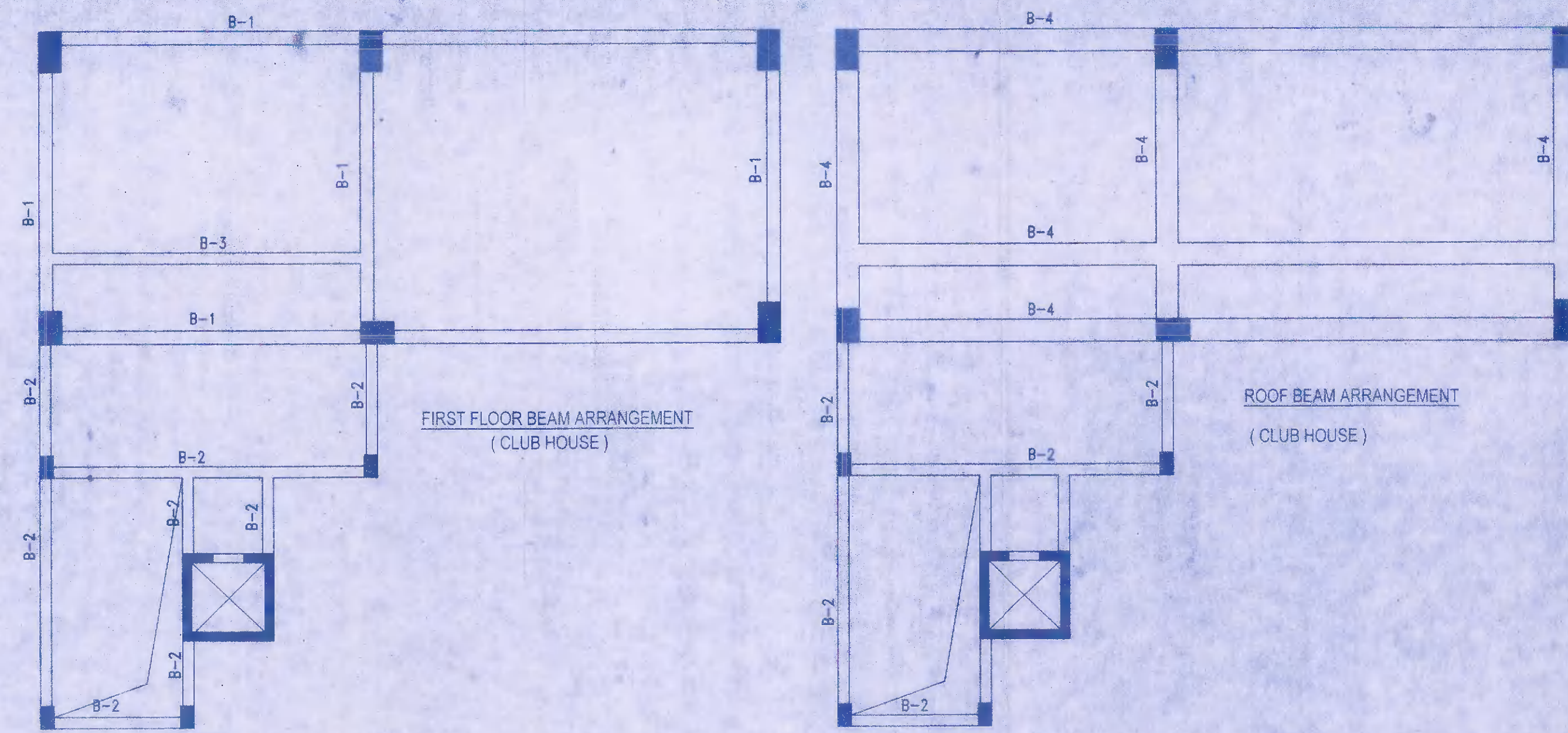


COLUMN SCHEDULE	
COL. MARK	FDN. TO ROOF(M25)
C1	500 12-25 ϕ + 8-20 ϕ with SEC-1
C2,C6	500 16-25 ϕ + 4-20 ϕ with SEC-1
C3	500 22-25 ϕ with SEC-1

COLUMN SCHEDULE	
COL. MARK	FDN. TO ROOF(M25)
C4,C5	500 16-25 ϕ with SEC-1
C7,C8,C9,C10	300 10-20 ϕ with SEC-1



BEAM SCHEDULE		
BEAM NO	SECTION AT SUPPORT(M25)	SECTION AT SPAN(M25)
B1(300X600)	3-25 ϕ (alth.) 2-25 ϕ (ext.) 12 ϕ @100/c	3-25 ϕ (alth.) 12 ϕ @150/c
B2(250X500)	3-20 ϕ (alth.) 2-16 ϕ (ext.) 10 ϕ @100/c	3-20 ϕ (alth.) 10 ϕ @150/c 2-16 ϕ (ext.)
B3(250X500)	3-20 ϕ (alth.) 2-20 ϕ (ext.) 10 ϕ @100/c	3-20 ϕ (alth.) 10 ϕ @150/c 2-16 ϕ (ext.)
B4(500X500)	5-25 ϕ (alth.) 5-25 ϕ (ext.) 12 ϕ @100/c (4L)	5-25 ϕ (alth.) 12 ϕ @125/c (4L) 5-20 ϕ (ext.) 5-25 ϕ (alth.)

- IMPORTANT NOTE:**
- 1) ALL DIMENSIONS AND LEVELS SHOWN IN THE DRAWING ARE IN MM AND SHOULD BE FOLLOWED AS SHOWN IN THE DRAWING.
 - 2) THE DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWING AND ANY DISCREPANCY BETWEEN THE TWO SHOULD BE BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCEMENT OF WORK.
 - 3) LEVELS IN THE DRAWING ARE SHOWN WITH REFERENCE TO EXISTING G.L. WHICH HAS BEEN MARKED AS RL + 7.000.
 - 4) THE DRAWINGS SHOULD BE STUDIED CAREFULLY AND ALL DIMENSIONS SHOWN HERE SHOULD BE CHECKED AT SITE. CLARIFICATION REGARDING DISCREPANCY IF ANY, SHOULD BE OBTAINED BEFORE COMMENCEMENT OF WORK.
 - 5) SPACER BAR USED SHALL BE OF 20mm OR DIAMETER OF THE BAR USED IN THE JOB WHICH IS LARGER.
 - 6) STEEL TO BE USED SHOULD BE OF Fe-500 GRADE. REINFORCEMENT SHOULD BE WITH COIL TWISTED DEFORMED BARS CONFORMING TO IS - 1786 AND HAVE BEEN SHOWN AS ϕ .
 - 7) CONCRETE SHOULD BE OF GRADE M25.
 - 8) CLEAR COVER FOR MAIN REINFORCEMENT UNLESS MENTIONED SHOULD BE AS BELOW-
a) FOUNDATION - 50 MM
b) SLAB AND FLOOR SLAB - 20 MM
c) FLOOR BEAM - 30 MM
 - 9) COLUMN - 25MM FOR LONGITUDINAL BAR OF 12 MM DIAMETER.
COLUMN - 40MM FOR LONGITUDINAL BAR OF MORE THAN 12 MM DIAMETER.
 - 10) ANCHORAGE/LAP LENGTH SHOULD NOT BE LESS THAN 48 D FOR TENSION BAR AND 38 D FOR COMPRESSION BAR.
 - 11) FOR SEISMIC IS 1893-2002 SPECIFICATION TO BE FOLLOWED.
 - 12) FOR DUCTILE DETAILING OF ALL REINFORCEMENT IS-13920 TO BE FOLLOWED.

CERTIFICATE OF THE ARCHITECT

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT AT
 DAG NO. 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, KHATIAN
 NO. 2450, 4000, 6634, 6845, 7066, 8327, 8328, 8329, 8330 IN MOJILA - PASCHAM CHAPARI, J.L. NO. 20 UNDER WARD NO. 7, BARASAT MUNICIPALITY, P.S. BARASAT, NORTH 24 PARGANAS, WEST BENGAL HAVE BEEN PREPARED BY ME COMPLYING WITH THE WEST BENGAL MUNICIPAL BUILDING RULES, 2007. I ALSO CERTIFY THAT THE PLANS AND DRAWINGS PREPARED BY ME COMPLYING WITH ALL PROVISIONS REGARDING THE FIRE PROTECTION AS PER THE PREVAILING NATIONAL BUILDING CODE OF INDIA. I SHALL BE HELD RESPONSIBLE IF ANY INCORRECT INFORMATION IS FURNISHED BY ME OR ANY VIOLATION OR PROVISIONS OF THESE RULES OR THE PREVAILING NATIONAL BUILDING CODE IS FOUND IN ANY OF THE DRAWINGS AND DOCUMENTS SUBMITTED BY ME AND SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

Kamal Kumar Permal
 KAMAL KUMAR PERMAL
 CA-85-1887
 SIGNATURE OF ARCHITECT

CERTIFICATE OF STRUCTURAL ENGINEER

CERTIFIED THAT THE STRUCTURAL DRAWINGS AND DESIGN OF BOTH THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING/BUILDINGS HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT AS PER THESE RULES AND REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOADS AND THE MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARD AND NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

Mainak Majumdar
 Mainak Majumdar
 B.C.E., M.C.E. (Struct)
 ESE-15211 of CMC
 STER/INDIA/10/00020
 074/RJPSN/ESE/11-12

CHECKED & VERIFIED
Assistant Engineer
 Barasat Municipality

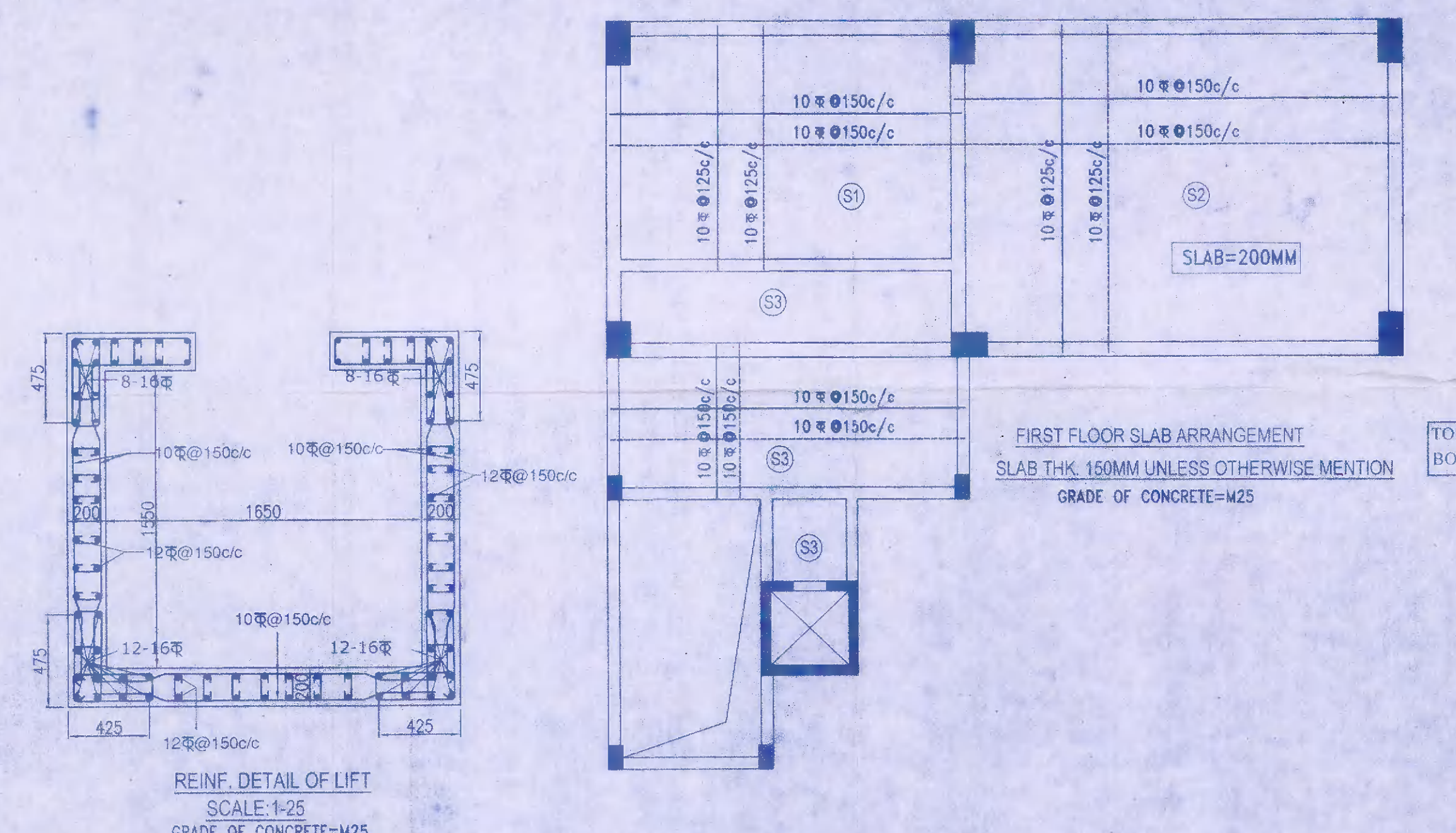
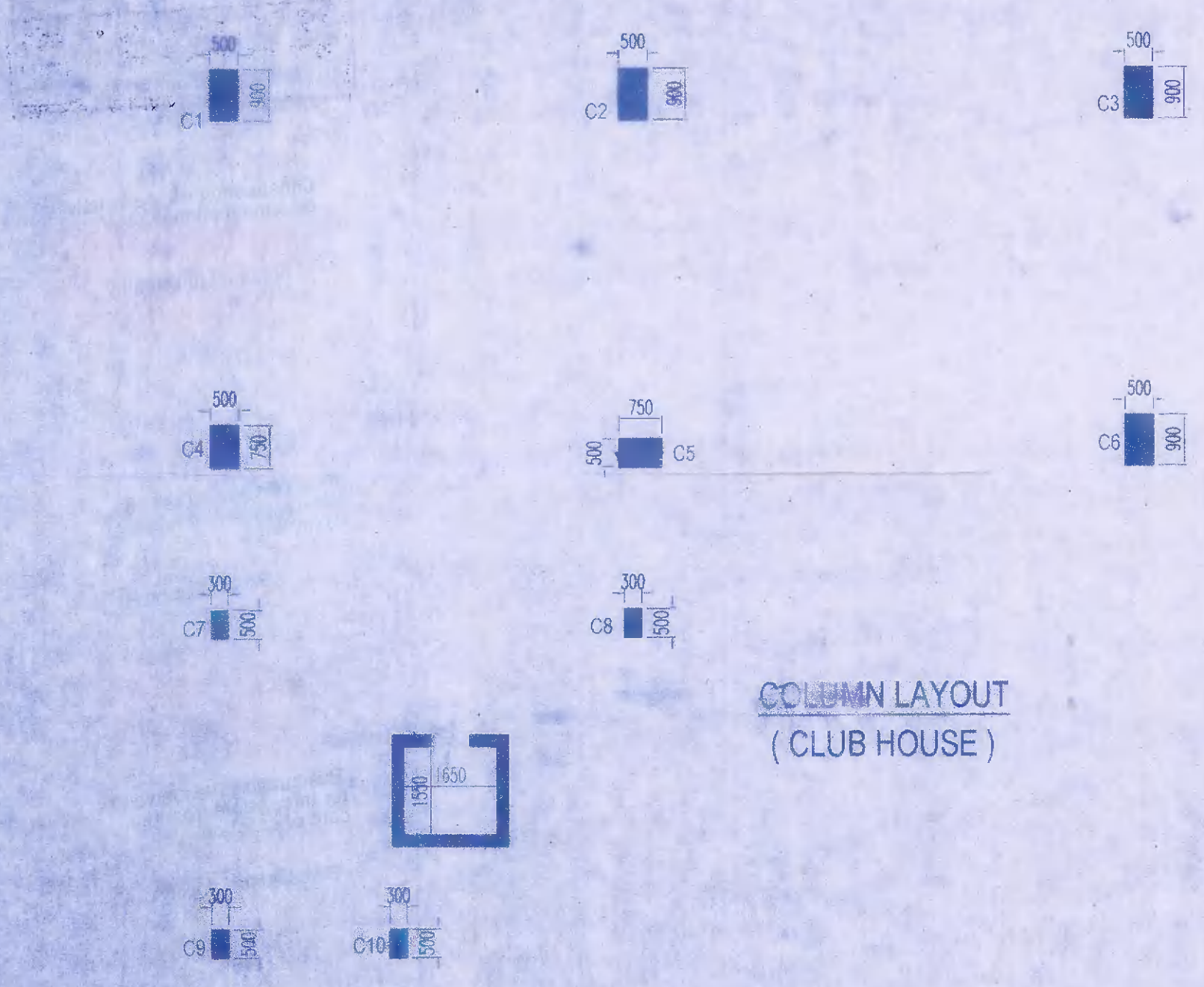
Sanction Serial No. 1629
 Building Plan Sanctioned
 Meeting Date 17/10/2020
 Sanctioned/Approved
 Chairperson
 Board of Administrator
 Barasat Municipality



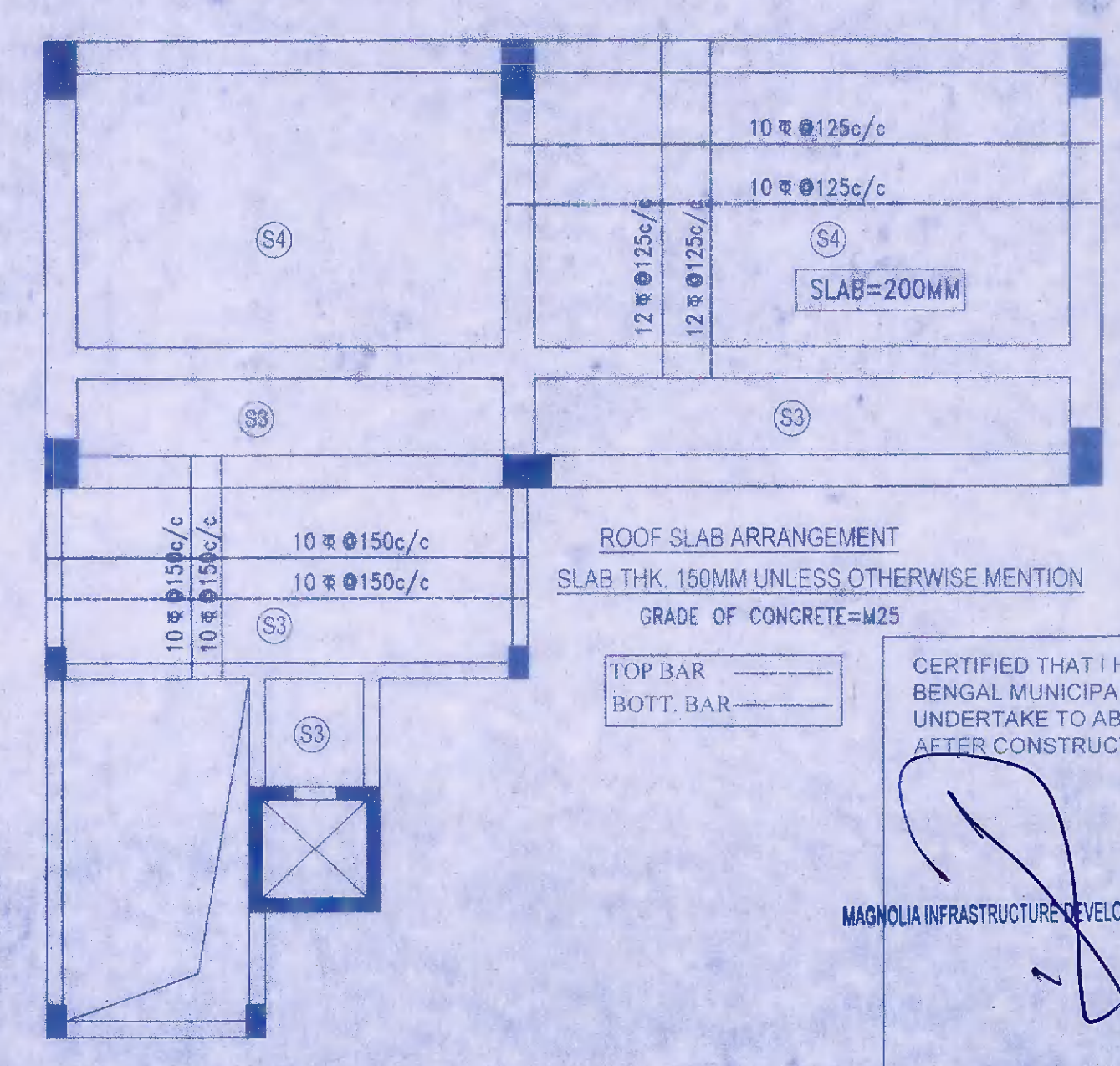
CERTIFICATE OF GEO-TECHNICAL ENGINEER

IT IS HEREBY CERTIFIED THAT THE STRUCTURAL DRAWINGS ARE PREPARED FOR EARTHQUAKE RESISTANCE IN ACCORDANCE WITH BIS AND NBC 2005

DEVELOPER		ADROIT CONSULTANT	
MAGNOLIA INFRASTRUCTURE DEVELOPMENT LTD.		103 PANCHANANTALA MAIN ROAD KOLKATA-700029	
PROJECT		ARCHITECT	
MAGNOLIA MANSHATRA PHASE II REVISED PROPOSAL OF (G+1) STORED RESIDENTIAL HOUSING COMPLEX FOR MAGNOLIA INFRASTRUCTURE DEVELOPMENT LTD. AT DAG NO. 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, KHATIAN NO. 2450, 4000, 6634, 6845, 7066, 8327, 8328, 8329, 8330 IN MOJILA - PASCHAM CHAPARI, J.L. NO. 20 UNDER WARD NO. 7, BARASAT MUNICIPALITY, P.S. BARASAT, NORTH 24 PARGANAS, WEST BENGAL.		MAHESHWARI & ASSOCIATES 37A BAKER ROAD, 2ND FLOOR - ALIPUR, KOLKATA - 700027 Tel: 65334966, 88228684.	
PROJECT		TITLE	
MAGNOLIA MANSHATRA PHASE II		FOUNDATION BEAM ARRANGEMENT & SCHEDULE	
SUBMISSION DRAWING		FOUNDRY LAYOUT & SCHEDULES	
FIRST FLOOR & ROOF BEAM, SLAB ARRANGEMENT & SCHEDULE CLUB HOUSE		CLUB HOUSE	
SUBMISSION DATE		CHECKED BY	
10/10/20		VIVEK REDDAR (CONSULTANT ATTORNEY)	
REV. DATE		SIGNATURE OF OWNER	
SCALE 1 = 100.25		SIGNATURE OF DEVELOPER	
DATE			



FOUNDATION BEAM SCHEDULE		
FB MKD.	SECTION AT SPAN(M25)	SECTION AT SUPPORT(M25)
FB-1	900 10-25 ϕ (alth.) 12 ϕ @125/C(4L) 4-25 ϕ +6-20 ϕ (ext.) LEVEL(-1.5M) FROM E.G.L. 10 ϕ @150/C 10 ϕ @150/C 10-25 ϕ (alth.) 100 MM THK. P.C.C.	900 10-25 ϕ (alth.) 12 ϕ @100/C(4L) 10-25 ϕ (ext.) LEVEL(-1.5M) FROM E.G.L. 10 ϕ @150/C 10 ϕ @150/C 10-25 ϕ (alth.) 100 MM THK. P.C.C.
FB-2	550 5-25 ϕ (alth.) 12 ϕ @150/C(4L) 3-20 ϕ (ext.) LEVEL(-1.5M) FROM E.G.L. 10 ϕ @150/C 10 ϕ @150/C 5-25 ϕ (alth.) 100 MM THK. P.C.C.	550 5-25 ϕ (alth.) 12 ϕ @100/C(4L) 3-20 ϕ (ext.) LEVEL(-1.5M) FROM E.G.L. 10 ϕ @150/C 10 ϕ @150/C 5-25 ϕ (alth.) 100 MM THK. P.C.C.
FB-3	550 5-20 ϕ (alth.) 12 ϕ @150/C(4L) 2-16 ϕ (ext.) LEVEL(-1.5M) FROM E.G.L. 10 ϕ @150/C 10 ϕ @150/C 5-20 ϕ (alth.) 100 MM THK. P.C.C.	550 5-20 ϕ (alth.) 12 ϕ @100/C(4L) 3-20 ϕ (ext.) LEVEL(-1.5M) FROM E.G.L. 10 ϕ @150/C 10 ϕ @150/C 5-20 ϕ (alth.) 100 MM THK. P.C.C.



CERTIFIED THAT I HAVE GONE THROUGH THE WEST BENGAL MUNICIPAL (BUILDING) RULES 2007 AND ALSO UNDERTAKE TO ABIDE BY THESE RULES DURING AND AFTER CONSTRUCTION OF BUILDING

Vivek Reddar
 VIVEK REDDAR
 (CONSULTANT ATTORNEY)

