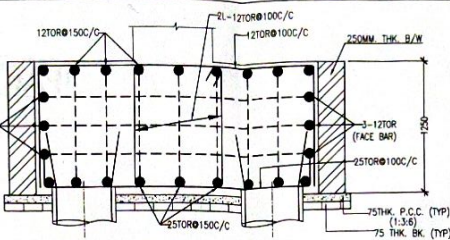


SLAB SCHEDULE

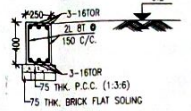
| SLAB MKD. | SLAB THK. | REINFORCEMENT ALONG | |
|-----------|-----------|---------------------|----------------|
| | | SHORT SPAN | LONGER SPAN |
| S1 | 150 | 8TOR @ 125C/C | 8TOR @ 175C/C |
| S2 | 150 | 8TOR @ 125C/C | 8TOR @ 125C/C |
| S3 | 150 | 8TOR @ 150C/C | 8TOR @ 150C/C |
| S4 | 150 | 8TOR @ 125C/C | 8TOR @ 150C/C |
| S5 | 175 | 10TOR @ 125C/C | 10TOR @ 125C/C |
| S6 | 125 | 8TOR @ 150C/C | 8TOR @ 175C/C |
| S7 | 125 | 8TOR @ 175C/C | 8TOR @ 175C/C |
| S8 | 115 | 8TOR @ 175C/C | 8TOR @ 200C/C |

COLUMN SCHEDULE

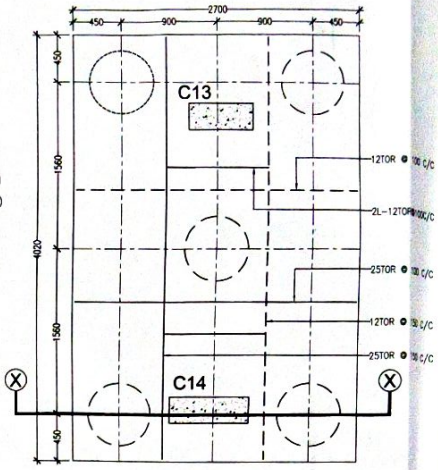
| COLUMN MKD. | COLUMN SIZE. | REINFORCEMENT | STIRRUPS |
|----------------------|--------------|-------------------------------|----------------------|
| C1,C3,C6,C13,C21,C24 | 300X600 | 4 NOS 20 TOR+ 4 NOS 16 TOR | 2L 8TOR @ 100/150C/C |
| C11,C15,C22 | 300X600 | 4 NOS 25 TOR+ 6 NOS 20 TOR | 2L 8TOR @ 100/150C/C |
| C8,C18,C19 | 300X600 | 6 NOS 25 TOR+ 4 NOS 20 TOR | 2L 8TOR @ 100/150C/C |
| C20 | 300X600 | 10 NOS 25 TOR | 2L 8TOR @ 100/150C/C |
| C14,C17 | 250X750 | 10 NOS 25 TOR | 2L 8TOR @ 100/150C/C |
| C5 | 300X750 | 14 NOS 25 TOR | 2L 8TOR @ 100/150C/C |
| C2,C12,C16 | 300X775 | 12 NOS 25 TOR | 2L 8TOR @ 100/150C/C |
| C7 | 300X725 | 12 NOS 20 TOR | 2L 8TOR @ 100/150C/C |
| C23 | 400X475 | 12 NOS 20 TOR | 2L 8TOR @ 100/150C/C |
| C8 | 250X1500 | 18 NOS 25 TOR | 2L 8TOR @ 100/150C/C |
| C10 | 250X1325 | 8 NOS 20 TOR+ 6 NOS 16 TOR | 2L 8TOR @ 100/150C/C |



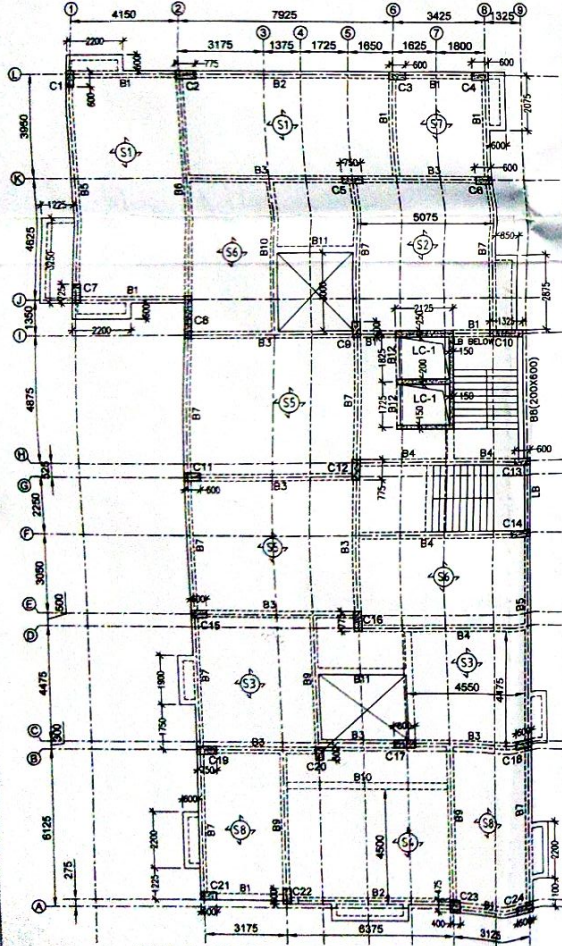
SECTION X-X
SCALE-1:25



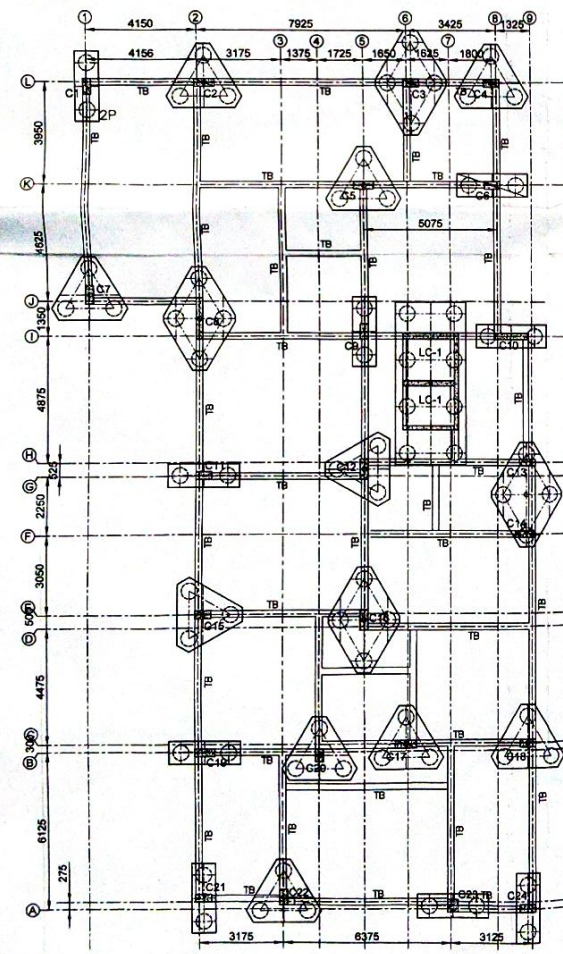
TYPICAL DETAIL OF THE BEAM
SCALE-1:25



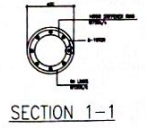
DETAIL OF 5 PILE CAP
SCALE-1:25



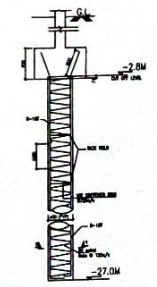
BEAM & COLUMN LAYOUT PLAN OF TYPICAL FLOOR
SCALE-1:100



PILE CAP LAYOUT PLAN
SCALE-1:100



SECTION 1-1



TYPICAL DETAIL OF PILE

BEAM SCHEDULE

| BEAM MKD. | BEAM SIZE | REINFORCEMENT | | | STIRRUP |
|-----------|-----------|----------------|----------------|----------------|----------------|
| | | L.H.SPT. | SPAN | R.H.SPT. | |
| B1 | 250X600 | 4-16T | 2-16T | 4-16T | 2L 8T @ 175C/C |
| | | 3-16T | 3-16T | 3-16T | |
| B2 | 250X600 | 5-20T | 2-20T | 5-20T | 2L 8T @ 175C/C |
| | | 3-20T | 3-20T | 3-20T | |
| B3 | 250X600 | 5-16T | 2-16T | 5-16T | 2L 8T @ 175C/C |
| | | 3-16T | 3-16T | 3-16T | |
| B4 | 250X600 | 2-20T 2-16T | 2-20T 2-20T | 2-20T 2-16T | 2L 8T @ 175C/C |
| | | 3-20T 3-20T | 3-20T 3-20T | 3-20T 3-20T | |
| B5 | 250X600 | 3-20T 2-25T | 3-20T 3-20T | 3-20T 2-25T | 2L 8T @ 175C/C |
| | | 3-20T 3-25T | 3-20T 3-20T | 3-20T 3-20T | |
| B6 | 250X600 | 3-25T | 3-25T | 3-25T | 2L 8T @ 175C/C |
| | | 3-20T 2-20T | 3-20T 2-20T | 3-20T 2-20T | |
| B7 | 250X600 | 3-20T 2-16T | 2-16T 2-16T | 3-20T 2-16T | 2L 8T @ 175C/C |
| | | 2-20T | 3-20T | 2-20T | |
| B8 | 200X600 | 2-20T | 2-20T | 2-20T | 2L 8T @ 175C/C |
| | | 2-20T | 2-20T | 2-20T | |
| B9 | 250X600 | 3-16T 2-20T | 2-16T 2-20T | 3-16T 2-16T | 2L 8T @ 175C/C |
| | | 2-20T | 1-16T 2-20T | 2-20T | |
| B10 | 250X600 | 3-16T | 2-16T | 3-16T | 2L 8T @ 175C/C |
| | | 2-20T | 3-20T | 2-20T | |
| B11 | 250X600 | 2-16T | 2-16T | 2-16T | 2L 8T @ 175C/C |
| | | 2-16T | 3-16T | 2-16T | |
| B12 | 150X600 | 2-16T | 2-16T | 2-16T | 2L 8T @ 175C/C |
| | | 2-16T | 2-16T | 2-16T | |

NOTES:-

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT ARCH DRAWINGS.
- ALL DIMENSIONS ARE IN MM.
- GRADE OF CONCR.
 - a) PILES - M25
 - b) COLUMNS - M30
 - c) FLOOR BEAMS & SLABS - M25
- GRADE OF STEEL Fe-500
- CLEAR COVER (FROM MAIN REINFORCEMENT)
 - a) PILES - 50 mm
 - b) PILE CAP - 75 mm
 - c) COLUMN - 40 mm
 - d) FLOOR BEAMS - 30 mm
 - e) FLOOR SLAB - 20 mm
- LAP LENGTH AS PER I.S. 456:2000
- BENTONITE SPECIFICATION AS PER IS 2011(PART-III)
- CAPACITY OF PILE - 63.0 MT.

CERTIFICATE OF STRUCTURAL ENGINEER -
 THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOADS AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECTS.

Suvra Narayan Sil
 SUVRA NARAYAN SIL
 M.E. CHARITRED ENGINEER
 5, RUSSELL STREET, KOLKATA - 700 071
 REG-065

SIGNATURE OF STRUCTURAL ENGINEER
 SUVRA NARAYAN SIL
 ESE - 105

CERTIFICATE OF GEO-TECHNICAL ENGINEER -
 UNDERSIGNED HAS INSPECTED THE SITE AND CARRIED OUT SOIL INVESTIGATION THEREON. IT IS CERTIFIED THAT THE EXISTING SOIL OF THE SITE IS ABLE TO CARRY THE LOAD COMING FROM THE PROPOSED CONSTRUCTION AND THE FOUNDATION SYSTEM PROPOSED HEREIN IS SAFE AND STABLE IN ALL RESPECT FROM GEO-TECHNICAL POINT OF VIEW.

Rupak Kumar Banerjee
 RUPAK KUMAR BANERJEE
 M.E. (G.E. CIVIL) AND P.E. (G.E. CIVIL)
 11/15 DE W.A.S. BANERJEE TECHNICAL INSTITUTE
 10, RAJENDRA NAGAR, KOLKATA - 700 016
 REG-1174 (M.E.C.E.)
 REGISTERED ENGINEER

SIGNATURE OF GEO-TECHNICAL ENGINEER
 RUPAK KUMAR BANERJEE
 GTA/30(K.C.)

CERTIFICATE OF ARCHITECT -
 I DO HEREBY CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER K.M.C BUILDING RULE - 2008 AS AMENDED FROM TIME TO TIME THAT THE WIDTH OF THE ABUTTING ROAD CONFORM WITH THE SITE THE PLOT IS DEMARCATED BY BOUNDARY WALLS & MEASUREMENTS TALLY WITH THE REGISTERED DEED PLAMBOUNDARY DECLARATION.

Supratim Choudhury
 SUPRATIM CHOUDHURY
 B. ARCH
 Regd. No.-CA/2002/2850
 Council of Architecture.

SIGNATURE OF ARCHITECT
 SUPRATIM CHOUDHURY
 CA/2002/2856

SIGNATURE OF OWNERS
 I, the undersigned attorney of
 Sunanda Halder,
 Anindya Halder,
 Sukanya Banerjee,
 Subhansu Halder,
 Supratim Halder,
 Goutam Bhattacharya and
 Anindya Bhattacharya

SRI SHIVAJI TALLUKDAR/SRI CHIRAJEEP BHATTACHARYA (AUTHORISED SIGNATURE OF 'EXCLUSIVE HOMES PVT. LTD.' CONSTITUTED ATTORNEY OF SMT. SUNANDA HALDER, SRI ANINDYA HALDER, SMT. SUKANYA BANERJEE, SRI RABINDRANATH HALDER, SRI SUBHANSU HALDER, SRI GOUTAM BHATTACHARYA, MISS ARUNIMA BHATTACHARJEE.

PROPOSED G+M STORED RESIDENTIAL BUILDING (ADDITIONAL BLOCK) US 384 AT PRE. NO. - 47, GURUPADA HALDER ROAD, KOLKATA - 700028, P.S. - KALIGHAT, P.O. - KALIGHAT, WARD NO. - 83, BOROUGH - VIII, UNDER K.M.C. BUILDING RULES 2009, SUPERSEDINGLY PREVIOUS SANCTIONED B.P. NO. - 2013080062, DATED 26-09-2013 US 394

TITLE
 BEAM & FOUNDATION LAYOUT PLAN, DETAIL OF PILE & DETAIL OF TYPICAL PILECAP.

NORTH

STRUCTURAL CONSULTANT
 SUVRA NARAYAN SIL
 M.E. CHARITRED ENGINEER
 5, RUSSELL STREET
 KOLKATA 700 071

ARCHITECT
 NEXUS
 55B PARKERS PALLY,
 KOLKATA 700000
 MOB: 9830209090

SCALE 1:100, 1:25
REV/DATE 07.06.2022
DRAWN BY SA
CHECKED BY S.N.S.
SHEET NO 1