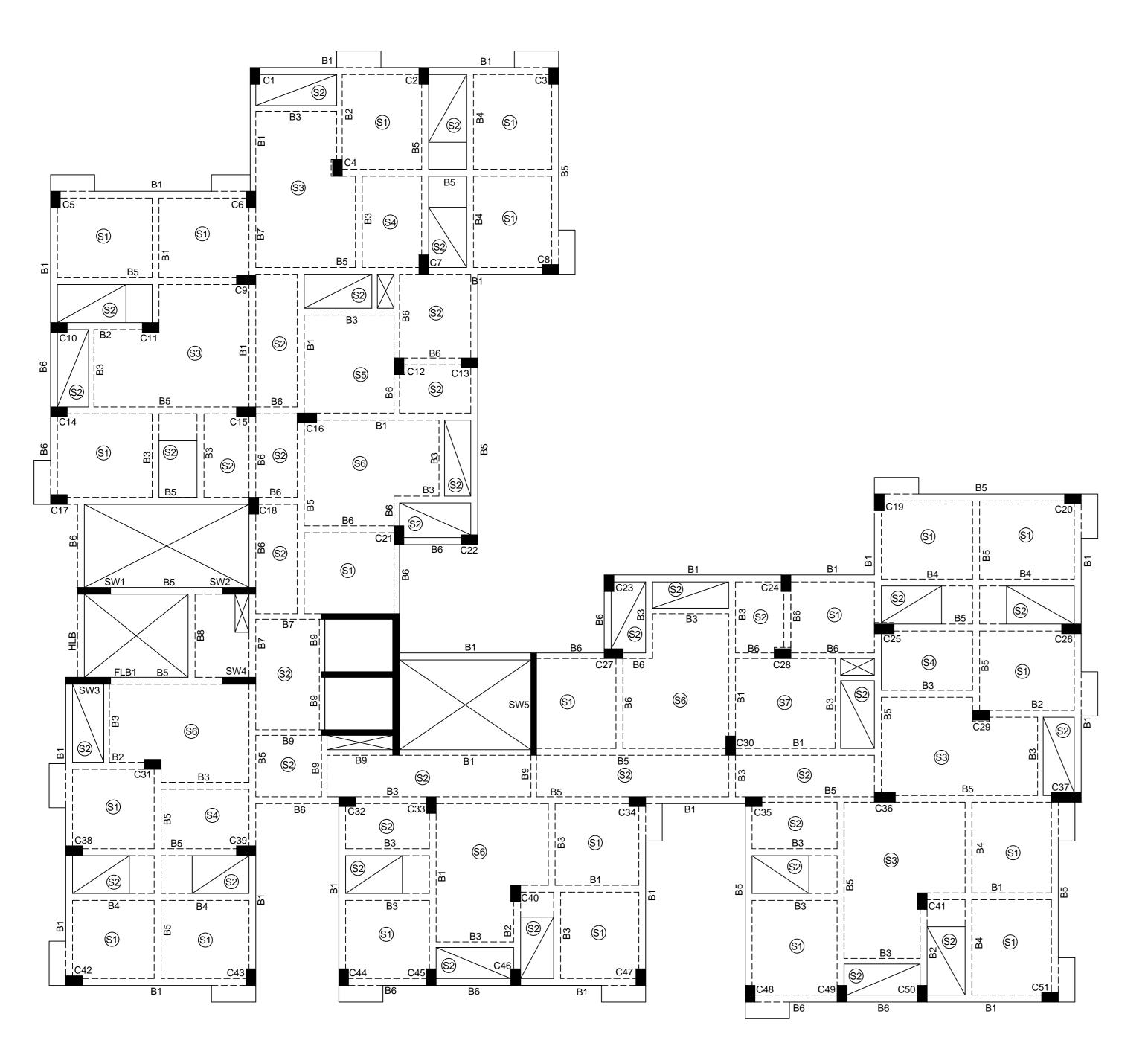
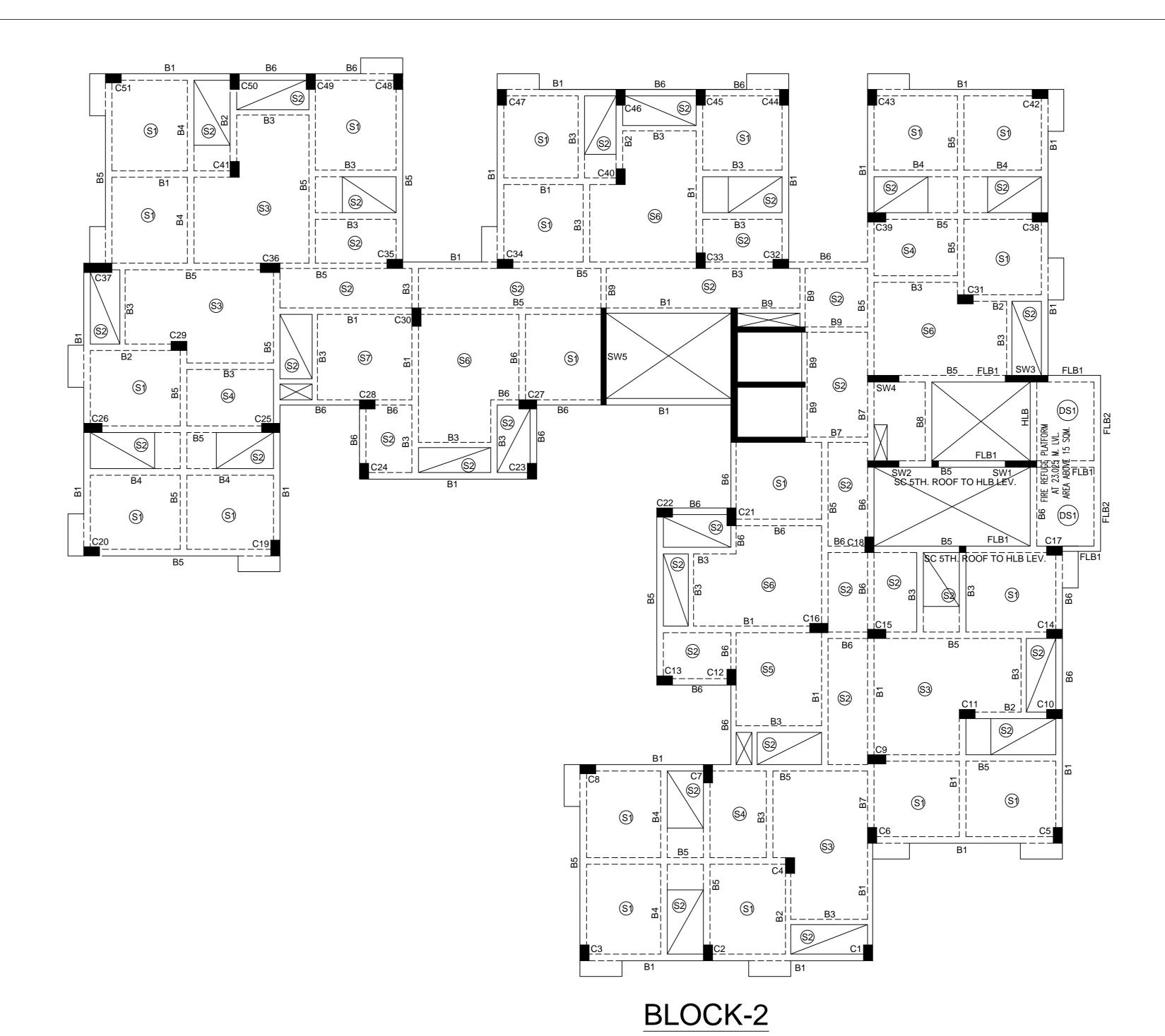


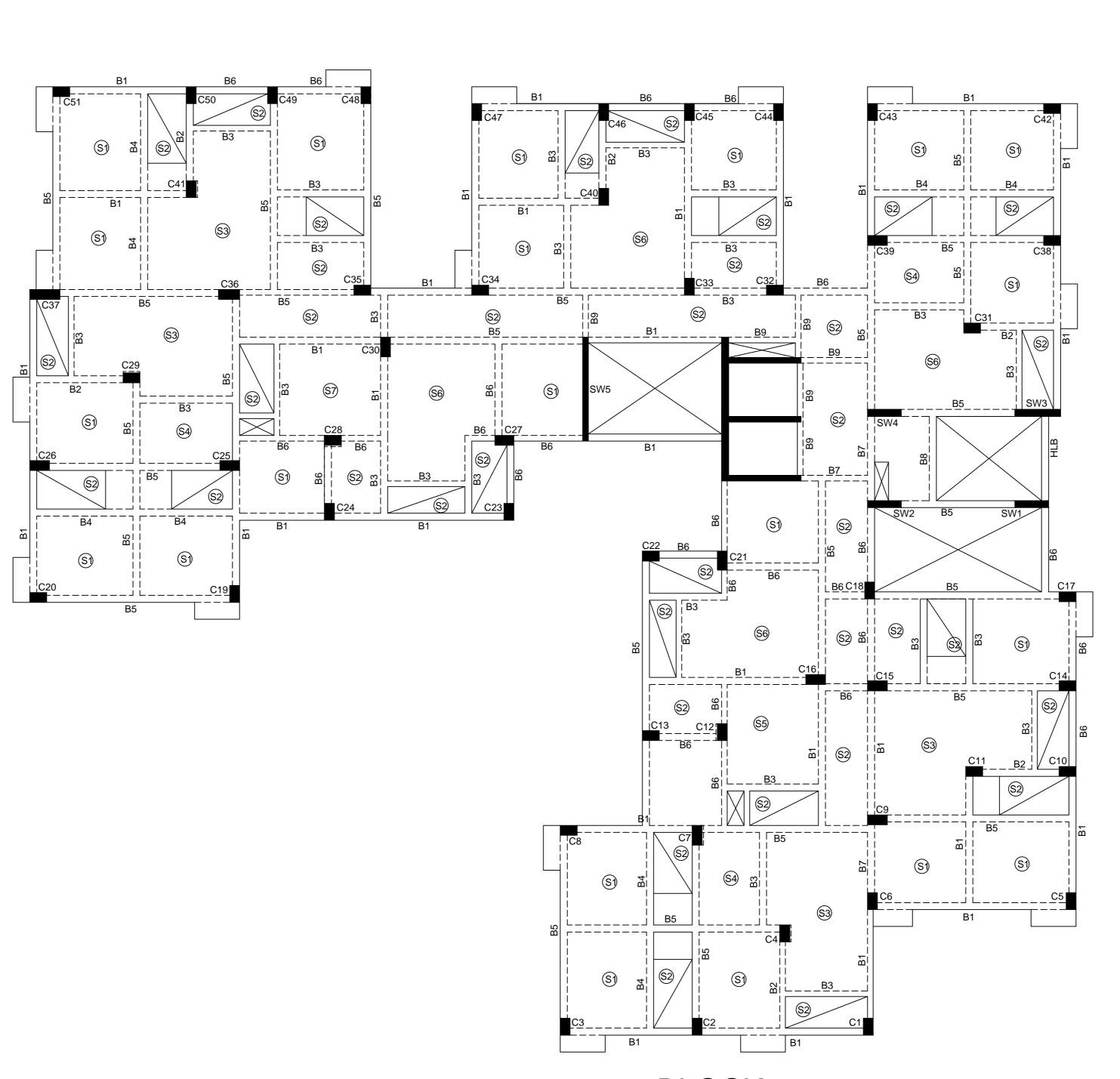
BLOCK-1 TYP. ROOF BEAM LAYOUT PLAN. (3RDTO 9TH)



BLOCK-1 2ND. ROOF BEAM LAYOUT PLAN.



TYP. ROOF BEAM LAYOUT PLAN. (3RDTO 9TH)



BLOCK-2 2ND. ROOF BEAM LAYOUT PLAN.

1) ALL DIAMETERS ARE IN MILLIMETERS.

2) GRADE OF CONC. : ALL DESIGN MIX i. PILE :- M-25, WITH MINIMUM CEMENT CONTENT @ 400 Kg/CUM OF CONC. ii. PILE CAP :- M-30. iii. COLUMN & LIFT :- AS PER SCHEDULE.

iv. REST ALL :- M-30 UP TO 5TH. ROOF IS: 1786 CODES WITH YIELD STRESS 550 MPa. 5) CLEAR COVER TO MAIN REINFORCEMENT SHALL BE

FOR PILE : 40 Ø WITH 3 SETS LAP WELDING IN BOTH SIDES FOR A LENGTH OF 25MM. FOR REST -

M20 M25 M30 M35 M40

M/S JP GEO CONSULTANTS REP. BY JISHNU PAL. 8) POSITIONAL ECCENTRICITY OF ANY PILE MORE THAN, 50mm, FOR SINGLE PILE, AND 75 mm. FOR GROUP OF PILES SHALL NOT BE PERMITTED. 9) THE PILE HEADS SHALL PROJECT IN TO PILE CAP FOR 50 mm. THE HEADS TO BE NEATLY FORMED TO THE REQUIRED DIA.

10) ALL TIES TO BE SPOT WELDED WITH VERTICAL REINFORCEMENT. 1) BORING OF PILE: i. BORING SHOULD BE DONE WITH DMC METHOD AND BENTONITE SUSPENSION SHOULD BE USED (WITH SP.GR. 1.04 TO 1.2 gm/cm³

DURING DRILLING AS IS 2911 (PART-I/ SEC 2) CL A.3.1 IF DMC METHOD APPLIED. ii. FOR PLACING OF CONCRETE IN PILE BORES, A FUNNEL SHOULD BE USED AND METHOD OF CONCRETING SHOULD BE SUCH THAT THE ENTIRE VOLUME OF THE PILE SHAFT IS FILLED UP WITHOUT THE FORMATION OF VOIDS OR MIXING OF SOIL AND DRILLING

FLUID WITHIN CONCRETE. 12) VERTICAL LOAD TESTING OF PILE SHOULD CONFIRM IS-2911 (PART-4). 13) RCC BORED CAST IN SITU PILE SHOULD CONFIRM IS-2911 (PART-1, SEC-II)

14) EXT. TOP & BOTT. FLOOR. BEAM- i) EXT. TOP TO BE PROVIDED AT L/4 FROM SUPPORT. ii) EXT. BOTT. TO BE EXTENDED L/5 FROM SUPPORT. SLAB - i) EXT. TOP TO BE PROVIDED IN ALL SUPPORTS FOR

A LENGTH 0F L/3 FROM SUPPORT. 15) ALL DRAWINGS SHALL BE CORRELATED WITH ARCHITECTURAL DRAWINGS & ANY DISCREPANCY SHALL BE BROUGHT TO NOTICE

OF THE ENGINEER BEFORE EXECUTION. 16) THIS DRAWING TO BE READ ALONGWITH SPECIFICATIONS & ALL

REFERENCE DRAWING.

17) ALL THE WORKS SHALL BE DONE AS PER RELEVANT IS CODE PERTAINING TO WORK. 18) CONTRACTOR MUST VERIFY ALL DIMENSION AT SITE BEFORE EXECUTION OF WORK NO CLAIM WILL BE ENTERTAINED. CONTRACTOR SHALL BE RESPONSIBAL TO PROPER LINE AND

LEVEL OF STRUCTURE. 19) DESIGN IS BASED ON AS PER IS-456, IS-875, IS-1893, IS-2911, IS-13920 & SP-16. 20) STRUCTURAL DESIGN IS DONE FOR 'G+XI' FOR ALL BLOCKS. 21) SEISMIC ZONE CONSIDERED FOR DESIGN AS ZONE-III & SMRF.

CERTIFICATE OF OWNER

AUTHORITY MAY REVOKE THE SANCTION PLAN.

CERTIFICATE OF STRUCTURAL STABILITY

OF THE BUILDING..

ARCHITECT & E.S.E

1. I ENGAGE ARCHITECT AND E.S.E DURING CONSTRUCTION

3. KAMARHATI MUNICIPAL AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURESTABILITYOF BUILDING AND ADJOINING STRUCTURE.

2. I SHALL FOLLOW THE INSTUCTIONS OF ARCHITECT AND E.S.E DURING CONSTRUCTION

4. IF ANY SUBMITED DOCUMENT IS FOUND TO BE FAKE THE KAMARHATI MUNICIPAL

5. THE CONSTUCTION OF WATER RESERVOIR EXECUTED UNDER THE GUIDENCE OF

DESIGN IS BASED ON: AAC BLOCKS FOR MAS

RITZU GHOSAL SIGNATURE OF OWNER

WE HEARBY CERTIFY THAT THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING PROPOSED FOR CONSTRUCTION ON PRE.- 22 FEEDER ROAD. WARD NO.-10, HAVE BEEN SO DESIGNED BY ME/US WILL MAKE SUCH FOUNDATION AND SUPER STRUCTURE SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL ETC.

> SIGNATURE OF LBA (NAME, ADDRESS AND EMPANELMENT NO. RAJ KUMAR AGRAWAL, ADDRESS.-8B, ROYD STREET, KOL-16 COUNCIL NO.-CA/94/17940

Kaushik Sengupta Structural Engineer I LIC. REG. NO.-STRCT-CLASS(I)-002 SIGNATURE OF STRUCTURAL ENGINEER

Rupak Kumar Banerjee
Geo Technical Engineer I
LIC. REG. NO.-G.T/I/3 SIGNATURE OF GEO-TECHNICAL ENGINEER

> Heleena Sengupta Structural Reviewer LIC. REG. NO.-STRUCT-REV-002

SIGNATURE OF STRUCTURAL REVIEWER

RAJ AGRAWAL & ASSOCIATES 8B, ROYD STREET, 2ND FLOOR. PHONE - 2265-3339 / 3293-3925 / 9674175675 email : shilpaakar@gmail.com



ENGINEERS FORUM 60/40/1 H.P. DUTTA LANE (GOLF GARDENS) KOLKATA - 700033 PH. NO. - 3566-7944, 9874561607 email: engg_forum2005@yahoo.co.in

PROPOSED G+XI (39.95 M, HT.) STORIED BUILDING AT PREMISES NO.-22. FEEDER ROAD, KOLKATA 700057, (ALSO COMMONLY KNOWN AS 22MM FEEDER ROAD) HOLDING NO. 252/1 (FORMERLY HOLDING NO.252), WITHIN WARD NO. 10 OF THE KAMARHATI MUNICIPALITY IN THE DISTRICT OF NORTH 24 PARGANAS L.R. DAG NOS. 5475, 5466, 5469, 5471, 5473, 5474, 5472, 5470, 5465, 5507 ALL RECORDED IN L.R. KHATIAN NO. 10209, MOUZA ARIADAHA KAMARHATI, J. L. NO. 1, POLICE STATION - BELGHORIA (FORMERLY

TITLE: STRUCTURAL SANCTION DRAWING.

JOB NO.: 07/2023-2024 DRG. NO.: EF/S/06

SCALE: 1:100, 1:25 DATE: 16.05.2024

DRAWN BY : PALASH