

CERTIFICATE OF STRUCTURAL ENGINEERS

WE HEREBY CERTIFY THAT THE BUILDING SITE PROPOSED FOR CONSTRUCTION ON PLOT NO. 19, STREET NO. 20, COLONY, WARD NO. 20, UNDER THE JURISDICTION OF MADHYAPRADESH MUNICIPALITY NOTIFIED AREA ACTIVITY INDUSTRIAL ZONING AND DEVELOPMENT REGULATIONS, 1976, IS IN ACCORDANCE WITH THE PROVISIONS OF THE BUILDING ACT, 1956 AND THE BUILDING REGULATIONS, 1960, AND ALL THE RELEVANT NOTIFICATIONS AND ORDINANCES IN FORCE. WE HAVE CONDUCTED THE NECESSARY SURVEY AND FOUND THAT THE PROPOSED STRUCTURE IS SAFE IN ALL RESPECTS INCLUDING THE CONSIDERATION OF BEARING CAPACITY & RELIEF IS IN ACCORDANCE WITH THE NATIONAL BUILDING CODE.

MAN UNNAKCHATTERJEE
E.E.E. NO. 2569
18/6

CERTIFICATE OF STRUCTURAL REVIEWER

WE HEREBY CERTIFY THAT THE BUILDING SITE PROPOSED FOR CONSTRUCTION ON PLOT NO. 19, STREET NO. 20, COLONY, WARD NO. 20, UNDER THE JURISDICTION OF MADHYAPRADESH MUNICIPALITY NOTIFIED AREA ACTIVITY INDUSTRIAL ZONING AND DEVELOPMENT REGULATIONS, 1976, IS IN ACCORDANCE WITH THE PROVISIONS OF THE BUILDING ACT, 1956 AND THE BUILDING REGULATIONS, 1960, AND ALL THE RELEVANT NOTIFICATIONS AND ORDINANCES IN FORCE. WE HAVE CONDUCTED THE NECESSARY SURVEY AND FOUND THAT THE PROPOSED STRUCTURE IS SAFE IN ALL RESPECTS INCLUDING THE CONSIDERATION OF BEARING CAPACITY & RELIEF IS IN ACCORDANCE WITH THE NATIONAL BUILDING CODE.

Dr. Rajesh Kumar Singh
REGISTERED CIVIL ENGINEER
STRUCTURAL ENGINEER
E.E.E. NO. 2569
18/6

CERTIFICATE OF OWNER

I, THE UNDERSIGNED, DO hereby certify that the building site proposed for construction on plot no. 19, street no. 20, colony, ward no. 20, under the jurisdiction of Madhyapraदेश Municipality Notified Area Activity Industrial Zoning and Development Regulations, 1976, is in accordance with the provisions of the Building Act, 1956 and the Building Regulations, 1960, and all the relevant notifications and ordinances in force. I have conducted the necessary survey and found that the proposed structure is safe in all respects including the consideration of bearing capacity & relief is in accordance with the National Building Code.

Pratima Construction Pvt. Ltd.
Pratima Construction
Director

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Pratima Construction
Director

- NOTES:-
- 1) ALL DIMENSIONS ARE IN MILLIMETERS.
 - 2) BRICKS TO BE USED SHALL BE IN ACCORDANCE WITH IS: 1900-1986 CODES.
 - 3) PCC SHALL BE 100 MM THICK AND SHALL BE IN ACCORDANCE WITH IS: 1900-1986 CODES.
 - 4) FOR STEEL REINFORCEMENT SHALL COMPLY TO LATEST IS: 1786-1986 CODES.
 - 5) CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:-
 - 6) MINIMUM LAP LENGTH:-
 - 7) CAPACITY OF PILE:-
 - 8) ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH IS: 1900-1986 CODES.
 - 9) FOR GROUP OF PILES SHALL NOT BE LIMITED TO 100 MM FROM SINGLE PILE AND 75 MM FROM TO THE REQUIRED DIA.
 - 10) ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH IS: 1900-1986 CODES.
 - 11) BORING MAY BE DONE WITH ALTERNATIVE METHODS CONSIDERING SIBS - SOIL STRATA & PLACING OF CONCRETE IN PILES SHALL BE DONE AS PER RELEVANT IS CODES PERTAINING TO WORK.
 - 12) VERTICAL LOAD TESTING OF PILE SHOULD COMPLY IS: 2911 (PART-1), (IS: 2911-1).
 - 13) HORIZONTAL LOAD TESTING OF PILE SHOULD COMPLY IS: 2911 (PART-1), (IS: 2911-1).
 - 14) ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH IS: 1900-1986 CODES.
 - 15) ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH IS: 1900-1986 CODES.
 - 16) ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH IS: 1900-1986 CODES.
 - 17) ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH IS: 1900-1986 CODES.
 - 18) ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH IS: 1900-1986 CODES.
 - 19) ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH IS: 1900-1986 CODES.
 - 20) ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH IS: 1900-1986 CODES.
 - 21) ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH IS: 1900-1986 CODES.

CERTIFICATE OF ARCHITECT

WE DO HEREBY CERTIFY THAT THE BUILDING SITE PROPOSED FOR CONSTRUCTION ON PLOT NO. 19, STREET NO. 20, COLONY, WARD NO. 20, UNDER THE JURISDICTION OF MADHYAPRADESH MUNICIPALITY NOTIFIED AREA ACTIVITY INDUSTRIAL ZONING AND DEVELOPMENT REGULATIONS, 1976, IS IN ACCORDANCE WITH THE PROVISIONS OF THE BUILDING ACT, 1956 AND THE BUILDING REGULATIONS, 1960, AND ALL THE RELEVANT NOTIFICATIONS AND ORDINANCES IN FORCE. WE HAVE CONDUCTED THE NECESSARY SURVEY AND FOUND THAT THE PROPOSED STRUCTURE IS SAFE IN ALL RESPECTS INCLUDING THE CONSIDERATION OF BEARING CAPACITY & RELIEF IS IN ACCORDANCE WITH THE NATIONAL BUILDING CODE.

PROJECT: PROPOSED PLAN OF 6-TH FLOOR RESIDENTIAL BUILDING WARD 20, COLONY, INDUSTRIAL ZONING AND DEVELOPMENT REGULATIONS, 1976, UNDER THE JURISDICTION OF MADHYAPRADESH MUNICIPALITY NOTIFIED AREA ACTIVITY INDUSTRIAL ZONING AND DEVELOPMENT REGULATIONS, 1976, IS IN ACCORDANCE WITH THE PROVISIONS OF THE BUILDING ACT, 1956 AND THE BUILDING REGULATIONS, 1960, AND ALL THE RELEVANT NOTIFICATIONS AND ORDINANCES IN FORCE.

TITLE: SANCTION DRAWING (STRUCTURE)

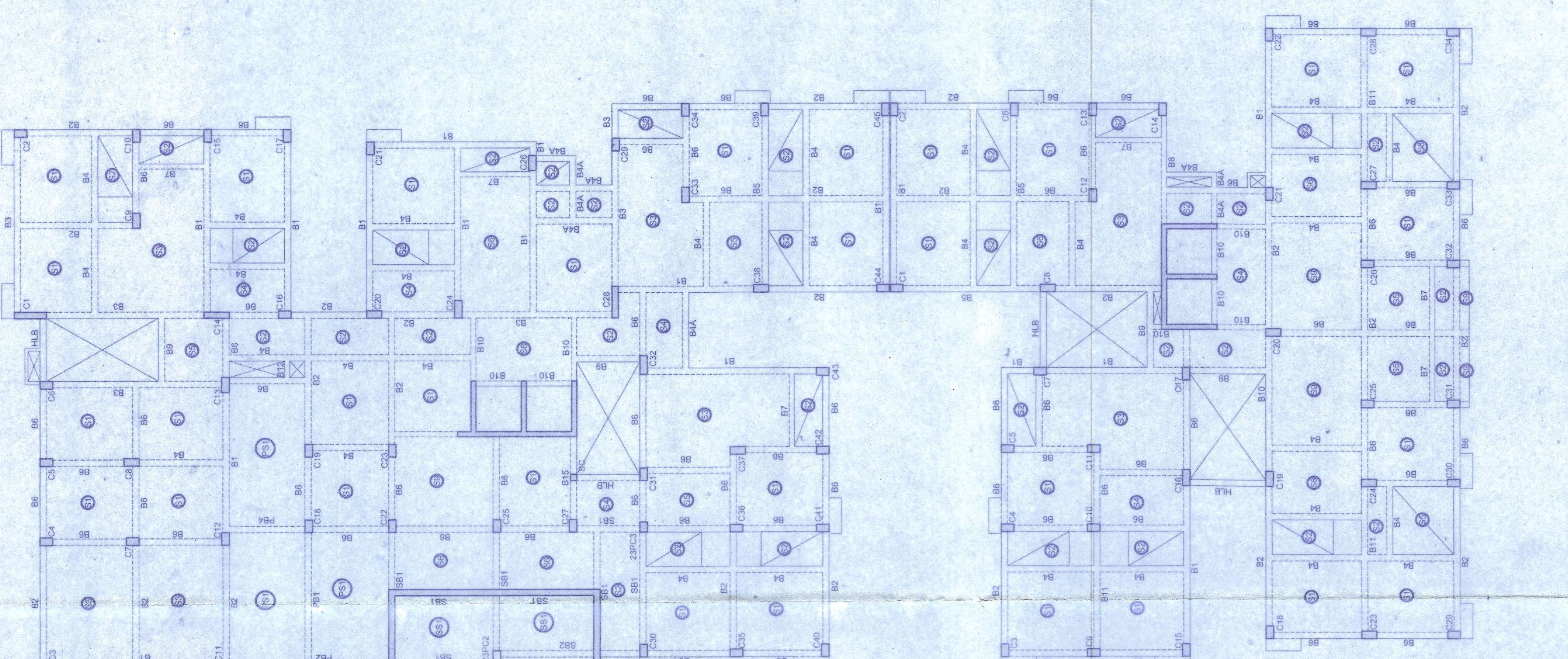
JOB NO.: 01/02/2024

DRG. NO.: EFS01

DRAWN BY: KATELIK

SCALE: 1:100, 1:25

DATE: 12.06.2023



GROUND FLOOR BEAM LAYOUT PLAN

SCHEDULE OF BEAM REFERENCE

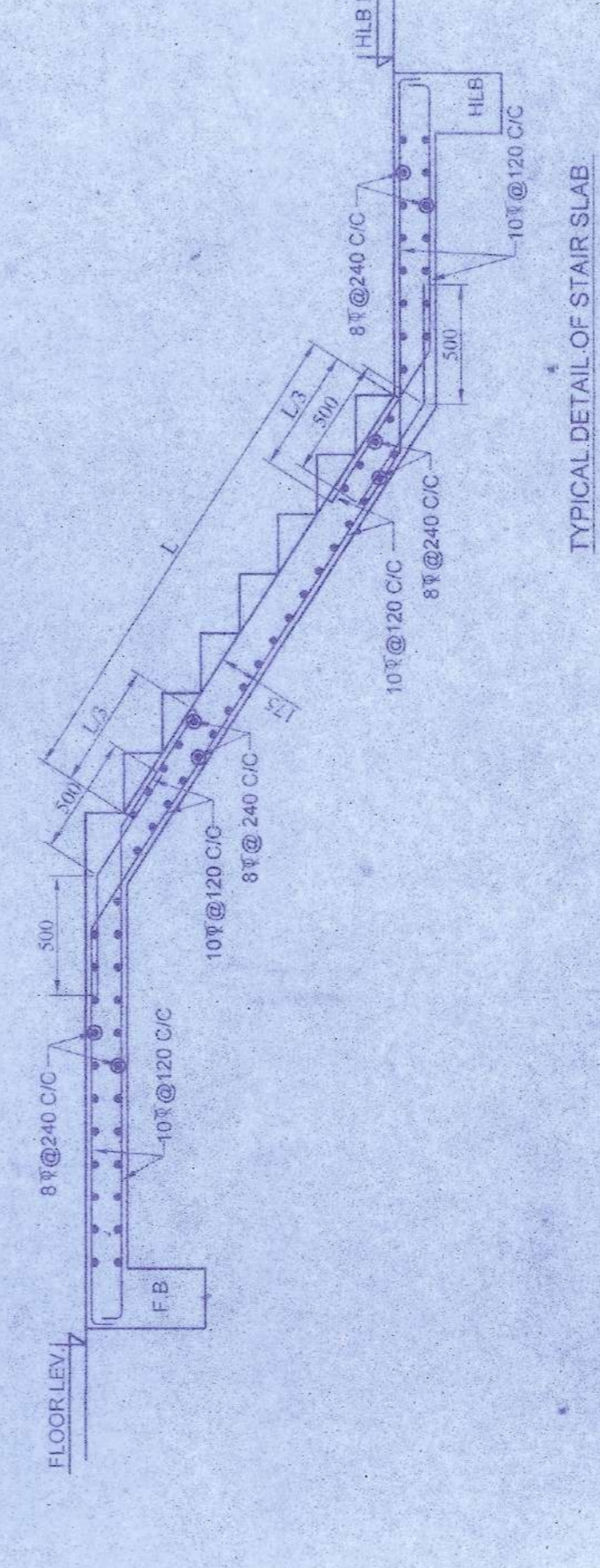
BEAM NO.	BEAM SIZE	TOP	BOTTOM	TOP	BOTTOM	GROUP
B1	250/600	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH
B2	250/600	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH
B3	250/600	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH
B4	250/600	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH
B5	250/600	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH
B6	250/600	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH
B7	250/600	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH
B8	250/600	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH
B9	250/600	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH
B10	250/600	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH
B11	250/600	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH
B12	250/600	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH
B13	250/600	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH
B14	250/600	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH
B15	250/600	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH
B16	250/600	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH
B17	250/600	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH
B18	250/600	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH	2.20 ALTH

SCHEDULE OF SLAB

SLAB NO.	SLAB THICKNESS	SLAB TYPE	SLAB DESCRIPTION
S1	110	CONCRETE	CONCRETE SLAB
S2	110	CONCRETE	CONCRETE SLAB
S3	110	CONCRETE	CONCRETE SLAB
S4	110	CONCRETE	CONCRETE SLAB
S5	110	CONCRETE	CONCRETE SLAB
S6	110	CONCRETE	CONCRETE SLAB
S7	110	CONCRETE	CONCRETE SLAB
S8	110	CONCRETE	CONCRETE SLAB
S9	110	CONCRETE	CONCRETE SLAB
S10	110	CONCRETE	CONCRETE SLAB
S11	110	CONCRETE	CONCRETE SLAB
S12	110	CONCRETE	CONCRETE SLAB
S13	110	CONCRETE	CONCRETE SLAB
S14	110	CONCRETE	CONCRETE SLAB
S15	110	CONCRETE	CONCRETE SLAB

SCHEDULE OF COLUMNS FOR TOWER-1

FLOOR	SLAB	THICKNESS	TYPE	DESCRIPTION
1 ST FL. ROOF TO ABOVE ROOF	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20	300	CONCRETE	CONCRETE COLUMN
2 ND FL. ROOF TO 1 ST FL. ROOF	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20	300	CONCRETE	CONCRETE COLUMN
FOUNDATION TO 1 ST FL. ROOF	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20	300	CONCRETE	CONCRETE COLUMN



TYPICAL DETAIL OF SLAB BEAM CONNECTION FROM HALF LAND TO FLOOR LEVEL