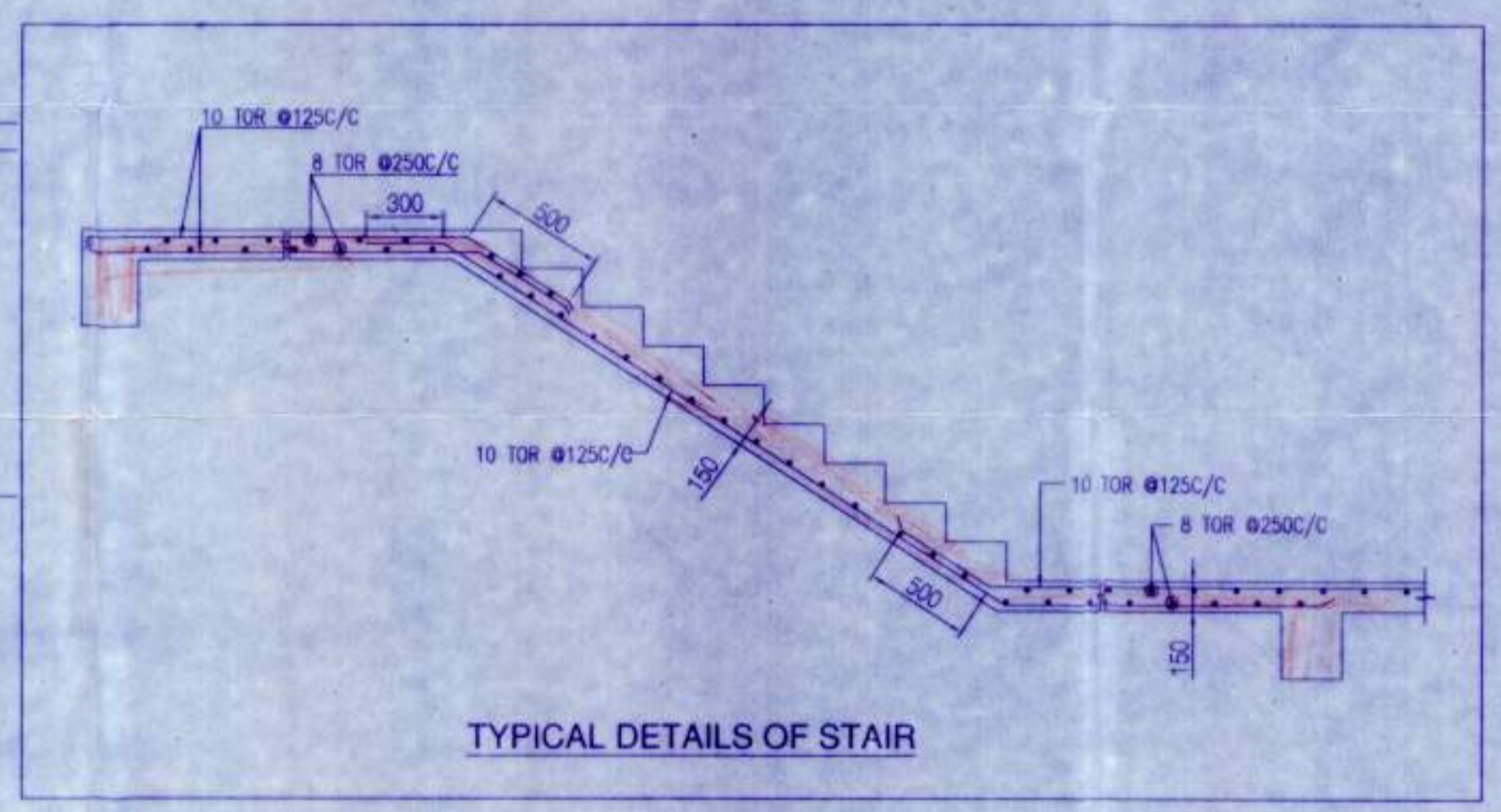


FLOOR BEAM SCHEDULE										
GRADE OF CONCRETE - M30										
BEAM MKD	BEAM SIZE		REINFT. AT LEFT SUPPT.		REINFT. AT RIGHT SUPPT.		REINFT. AT SPAN		STIRRUPS	
	WIDE	DEPTH	TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	SUPPORT	SPAN
B1	300	600	3-T25 3-T25	3-T25	3-T25 3-T25	3-T25	2-T25	3-T25 3-T25	2L-T8 @100C/C	2L-T8 @200C/C
B2	600	600	6-T25	6-T25	6-T25	6-T25	6-T25	6-T25	4L-T10 @100C/C	4L-T10 @200C/C
B3	600	600	8-T25 8-T25	8-T25	8-T25 8-T25	8-T25	6-T25	8-T25 4-T25	4L-T10 @100C/C	4L-T10 @200C/C
B4	300	600	3-T25 2-T25	3-T25	3-T25 2-T25	3-T25	2-T25	3-T25	2L-T8 @100C/C	2L-T8 @200C/C
B5	600	600	8-T25 8-T25	8-T25	8-T25 8-T25	8-T25	8-T25 8-T25	8-T25	4L-T10 @100C/C	4L-T10 @100C/C
B6	300	600	2-T20	2-T20	2-T20	2-T20	2-T20	3-T20	2L-T8 @200C/C	2L-T8 @200C/C
B7	300	600	3-T25 3-T25	3-T25	3-T25 3-T25	3-T25	2-T25	3-T25 3-T25	2L-T8 @100C/C	2L-T8 @200C/C
B8	300	600	3-T25 3-T25	3-T25	3-T25 3-T25	3-T25	2-T25	3-T25 3-T25	2L-T8 @150C/C	2L-T8 @150C/C
B9	250	600	3-T20 3-T20	3-T20	3-T20 3-T20	3-T20	2-T20	3-T20 3-T20	2L-T8 @100C/C	2L-T8 @200C/C
B10	250	600	3-T20	3-T20	3-T20	3-T20	3-T20	3-T20	2L-T8 @150C/C	2L-T8 @150C/C
B11	200	600	3-T16	3-T16	3-T16	3-T16	3-T16	3-T16	2L-T8 @100C/C	2L-T8 @150C/C
MB1	250	600	3-T20	3-T16	3-T20	3-T16	2-T20	5-T16	2L-T8 @100C/C	2L-T8 @200C/C

SLAB SCHEDULE			
GRADE OF CONCRETE - M30			
SLAB MKD	DEPTH	REINFT. AT SHORTER SPAN	REINFT. AT LONGER SPAN
S1	175THK.	T10 @250 C/C (ST.) T10 @250 C/C (CKD.)	T10 @300 C/C (ST.) T10 @300 C/C (CKD.)
S2	175THK.	T10 @250 C/C (ST.) T10 @250 C/C (CKD.)	T10 @250 C/C (ST.) T10 @250 C/C (CKD.)
S3	150THK.	T10 @300 C/C (ST.) T10 @300 C/C (CKD.)	T10 @400 C/C (ST.) T10 @400 C/C (CKD.)
S4	150THK.	T10 @400 C/C (ST.) T10 @400 C/C (CKD.)	T10 @400 C/C (ST.) T10 @400 C/C (CKD.)
S5	200THK.	T12 @125 C/C (BOTT.)	T12 @125 C/C (BOTT.)

- NOTES:-
- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
 - ANY AMBIGUITY IN THE DRAWINGS SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING THE WORK.
 - SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
 - THIS DRAWING IS TO BE READ ALONG WITH ALL RELEVANT ARCHITECTURAL DRAWINGS.
 - ALL GRADE OF CONCRETE AS/ SCH.
 - ALL MATERIALS SHALL CONFORM TO RELEVANT IS CODES.
 - FOR STEEL GRADE Fe 550
 - ALL DISTRIBUTION BARS ARE 8 TOR @ 250 C/C AND TO BE PROVIDED WHEREVER REQUIRED.
 - ALL CHAIRS ARE 10 TOR AND TO BE PROVIDED WHEREVER REQUIRED.
 - ALL SP/CR BARS ARE 25 TOR @ 900 C/C AND TO BE PROVIDED WHATEVER REQUIRED.
 - LAPS, SPLICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS THE LARGEST BAR DIA.
 - FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
 - MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS: MEMBER
- | | TOP | BOTTOM | SIDE |
|---------------------------|-----|--------|------|
| a. FOUNDATION BEAM & SLAB | 50 | 50 | 50 |
| b. COLUMN | | | 40 |
| c. FLOOR BEAM | 30 | 30 | 30 |
| d. TIE BEAM | 40 | 40 | 40 |
| e. FLOOR SLAB | 25 | 25 | 25 |
14. THIS DRAWING IS THE PROPERTY OF M/S S.P.A CONSULTANT AND CANNOT BE COPIED OR USED WITHOUT THEIR WRITTEN PERMISSION.



DECLARATION OF ENGINEER / ARCHITECT.

I/WE DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT I/WE SHALL ENGAGE L.B.A & E.S.E DURING CONSTRUCTION I/WE SHALL FOLLOW THE INSTRUCTIONS OF L.B.A & E.S.E DURING CONSTRUCTION OF THE BUILDING (AS PER B.S PLAN) GRAM PANCHAYET AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING. IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE THE GRAM PANCHAYET AUTHORITY MAY REVOKE THE SANCTION PLAN. THE CONSTRUCTION OF WATER RESERVOIR WILL BE UNDER TAKEN UNDER THE GUIDANCE OF E.S.E / L.B.A BEFORE STARTING OF BUILDING FOUNDATION WORK.

ANUPAM GHOSH
Registered Architect
Reg. No. CA20059055

SIGNATURE OF OWNER / AUTHORITY

DECLARATION OF ENGINEER / ARCHITECT.

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT ATT R.S. DAG NO. 637, 656, 657, 658, 659, 660, 661, 2107, 661 & 662, L.R. DAG NO. 600, 620, 621, 622, 623, 624, 625, 626 & 627, R.S. KHATIAN NO. 1203, 1223, 1398, 1394, 1393 & 336, L.R. KHATIAN NO. 1748, MOUZA - BANKRA, J.L. NO. 55, TOUZI NO. 3989, R.S. NO. 1954, UNDER BANKRA - 1 GRAM PANCHAYET, P.S. DOMJUR, DISTRICT HOWRAH PIN : 711 403. HAVE BEEN PREPARED BY ME COMPLYING WITH THE PROVISIONS OF HOWRAH ZILLA PARISHAD BYE LAW 2005, AND THE NATIONAL BUILDING CODE OF INDIA, AS AMENDED FROM TIME TO TIME. NO SUCH WRONG AND INCORRECT INFORMATION HAS BEEN FURNISHED BY ME INCLUDING AREA CALCULATION CHARTS IN THIS DRAWINGS AND NO VIOLATION OF THE PROVISIONS OF THESE RULES WILL BE FOUND IN ANY OF THE DRAWINGS AND DOCUMENTS, SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTIONS.

RAM CHANDRA KANBAR
L.B.S. (I/2P) No. 30-CLASS-I
Dhansha, Sethgana, G.I.P. Colony,
Jajmicha, Howrah
Mob. :- 9830047085

SIGNATURE OF ARCHITECT

CERTIFICATE OF STRUCTURAL ENGINEER

CERTIFY THAT THE STRUCTURAL DRAWING AND DESIGN OF BOTH THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING BUILDINGS HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT (AS PER THESE RULE AND REGULATIONS MADE UNDER THE ACT) AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER CURRENT CODES, THE BUREAU OF INDIAN STANDARD AND NATIONAL BUILDING CODE OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT UP TO G+IV STORIES AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

SANJIV J. PAREKH
M.E. (STRUCTURAL ENGINEER)
R.C.E., F.I.E. (P) 482924-D
E.S.E. NO. 19414-K.M.C.

SIGNATURE OF STRUCTURAL ENGINEER

PROJECT :-

PROPOSED BASEMENT + GROUND + FOUR STORIED [15.600 METER HEIGHT]
COMMERCIAL BUILDING AT R.S. DAG NO. 637, 656, 657, 658, 659, 660, 661 / 2107,
661 & 662, L.R. DAG NO. 600, 620, 621, 622, 623, 624, 625, 626 & 627, R.S. KHATIAN
NO. 1203, 1223, 1398, 1364, 1393 & 336, L.R. KHATIAN NO. 1748, MOUZA - BANKRA,
J.L. NO. 55, TOUZI NO. 3989, R.S. NO. 1954, UNDER BANKRA - 1 GRAM PANCHAYET,
P.S. DOMJUR, DISTRICT HOWRAH, WEST BENGAL, PIN : 711 403.

TITLE :-

TYPICAL FLOOR BEAM LAYOUT

DRAWN BY - RANJAN

DATE : 31.08.2019

SCALE 1 : 100
(UNLESS OTHERWISE MENTIONED)

ALL DIMENSIONS ARE IN M.M. (UNLESS OTHERWISE MENTIONED)

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Project Architects: COLLAGE ARCHITECTS

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TYPICAL (2ND. TO 4TH.) FLOOR BEAM LAYOUT PLAN