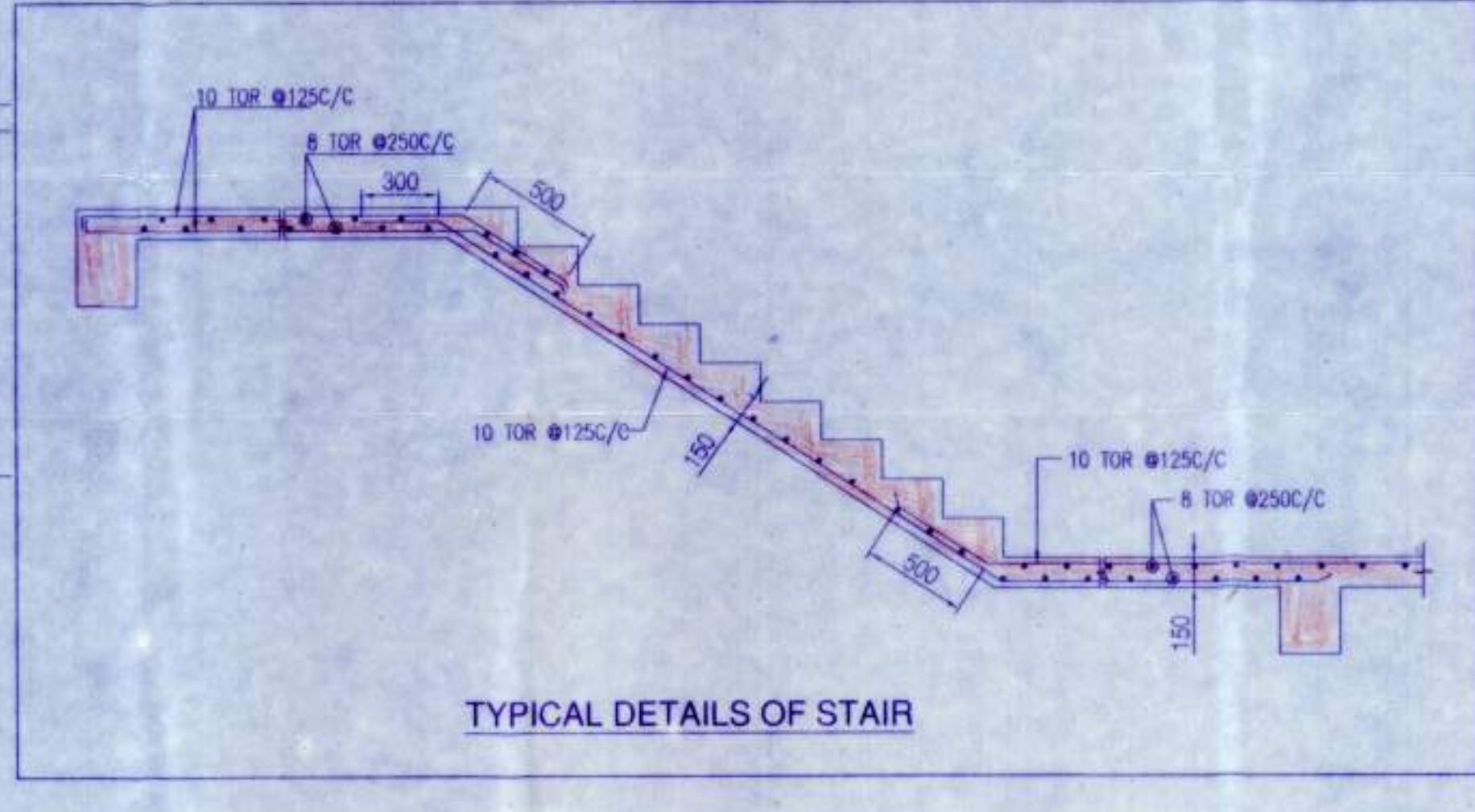


FLOOR BEAM SCHEDULE										
GRADE OF CONCRETE - M30										
BEAM MKD	BEAM SIZE		REINFT. AT LEFT SUPPT.		REINFT. AT RIGHT SUPPT.		REINFT. AT SPAN		STIRRUPS	
	WIDE	DEPTH	TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	SUPPORT	SPAN
B1	300	600	+ 3-T25 - 3-T25	3-T25	+ 3-T25 - 3-T25	3-T25	2-T25	3-T25	2L-T8 @100C/C	2L-T8 @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	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	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	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	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	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 @150C/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 (BOIT.)	T12 @125 C/C (BOIT.)

- 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 I.S. 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 SPACER BARS ARE 25 TOR @ 900 C/C AND TO BE PROVIDED WHEREVER 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 PANCHAYAT AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING. IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE, THE GRAM PANCHAYAT 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.

ANUR NIRMAL PVT. LTD.  
DIRECTOR  
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, 1396, 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 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 KANRAB  
L.B.S. (H2P) No. 30-CLASS-1  
Dhansha, Sethpara, G.P., Colony,  
Jagajitia, Howrah  
Mob. :- 9830047065

ANUPAM GHOSH  
Registered Architect  
Reg No. CA20059265

SIGNATURE OF ARCHITECT

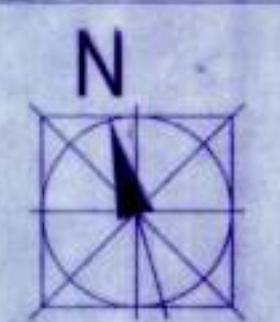
CERTIFICATE OF STRUCTURAL ENGINEER  
I CERTIFY THAT THE STRUCTURAL DRAWING AND DESIGN OF BOTH THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING BUILDINGS HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT (AS PER THESE RULES AND REGULATIONS MADE UNDER THE ACT) AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC 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. PARIKH  
M.E. STRUCT. (A.E. CONST. ENGR.)  
R.C.E. (FE-4) (202-4)  
E.S.E. NO. 19410 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, 1396, 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 :-  
FIRST 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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www.architectm.com

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34, RAM MOHAN DUTTA ROAD  
CALCUTTA - 700020  
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Project Architects: COLLAGE ARCHITECTS  
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1ST. FLOOR BEAM LAYOUT PLAN