



PILE CAP SCHEDULE				
GRADE OF CONCRETE - M25				
TYPE	SIZE	DEPTH	REINFORCEMENT IN SHORTER DIRECTION	REINFORCEMENT IN LONGER DIRECTION
P1	900x300	900	T12 @150C/C (T) T16 @150C/C (B)	T12 @150C/C (T) T16 @150C/C (B)
P2	1150x3300	900	4L-T12 @160C/C	T12 @150C/C (T) T25 @100C/C (B)
P3	AS/DWG	1000	T12 @150C/C (T) T16 @100C/C (B)	T12 @150C/C (T) T16 @100C/C (B)
P4	AS/DWG	1000	T12 @150C/C (T) T20 @100C/C (B)	T12 @150C/C (T) T20 @100C/C (B)
P5	AS/DWG	1500	T12 @150C/C (T) T20 @100C/C (B)	T12 @150C/C (T) T25 @100C/C (B)
P6	AS/DWG	2000	T12 @150C/C (T) T20 @125C/C (B)	T12 @150C/C (T) T25 @100C/C (B)
P7	AS/DWG	2000	T12 @150C/C (T) T20 @125C/C (B)	T12 @150C/C (T) T25 @100C/C (B)
P8	AS/DWG	1800	T12 @150C/C (T) T25 @100C/C (B)	T12 @150C/C (T) T25 @100C/C (B)
P8A	AS/DWG	1600	T12 @150C/C (T) T25 @100C/C (B)	T12 @150C/C (T) T25 @100C/C (B)
P9	AS/DWG	1000	T12 @150C/C (T) T25 @100C/C (B)	T12 @150C/C (T) T25 @100C/C (B)
P12	AS/DWG	2000	T12 @150C/C (T) T20 @100C/C (B)	T12 @150C/C (T) T25 @125C/C (B)
P13	AS/DWG	2000	T12 @150C/C (T) T20 @100C/C (B)	T12 @150C/C (T) T25 @125C/C (B)
P15	AS/DWG	2000	T12 @150C/C (T) T20 @100C/C (B)	T12 @150C/C (T) T25 @125C/C (B)
L15	AS/DWG	2200	T20 @125C/C (T) T25 @125C/C (B)	T20 @125C/C (T) T25 @125C/C (B)
L9	AS/DWG	2000	T20 @125C/C (T) T20 @125C/C (B)	T20 @125C/C (T) T20 @125C/C (B)

COLUMN SCHEDULE						
GRADE OF CONCRETE - M40						
3RD FL. LVL. TO ROOF LVL.	18-20TOR	22-20TOR	12-20TOR+10-16TOR	30-26TOR	30-25TOR	12-20TOR
1ST FL. LVL. TO 3RD FL. LVL.	18-20TOR	22-20TOR	12-20TOR+10-16TOR	20-32TOR+10-26TOR	20-32TOR+10-26TOR	12-20TOR
FOUNDATION TO 1ST FL. LVL.	18-20TOR	22-26TOR	22-20TOR	30-32TOR	30-32TOR	12-26TOR
COL SIZE	300x300	600x600	600x600	750x750	750x750	600Ø
LINK	10 TOR @ 75 C/C UP 1000 MM AND REST PORTION C/T @ 150 C/C					
COL MARKED	C1	C2	C3	C4	C5	

1. ALL DIMENSIONS ARE IN MM, UNLESS OTHERWISE MENTIONED.
2. ANY AMBIGUITY IN THE DRAWINGS SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING THE WORK.
3. SUPER STRUCTURE - SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
4. THIS DRAWING IS TO BE READ ALONG WITH ALL RELEVANT ARCHITECTURAL DRAWINGS.
5. ALL GRADE OF CONCRETE AS/ SCH.
6. ALL MATERIALS SHALL CONFORM TO RELEVANT IS CODES.
7. FOR STEEL GRADE IS 550.
8. ALL DISTRIBUTION BARS ARE 8 TOR @ 250 C/C AND TO BE PROVIDED WHEREVER REQUIRED.
9. ALL CHAIRS ARE 10 TOR AND TO BE PROVIDED WHEREVER REQUIRED.
10. ALL SPACER BARS ARE 25 TOR @ 900 C/C AND TO BE PROVIDED WHEREVER REQUIRED.
11. LAPS, SPLICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS THE LARGEST BAR DIA.
12. FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
13. 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. CA-02002898

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, 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 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 KANNAR
 L.B.S. (I&P) No. 30-CLASS-1
 Dhanu, Setpan, CLP Colony
 Rajpur, 3rd Floor
 Mob. :- 9830947808

ANUPAM GHOSH
 REGISTERED ARCHITECT
 REG. NO. CA-02002898

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+V STORES AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

SANJIV L. PAREKH
 M.E. (STRUCTURAL ENGINEER)
 R.C.E. (I) & (II) & A.M.C.

PROJECT :
PROPOSED BASEMENT + GROUND + FOUR STORED [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 :-
FOUNDATION LAYOUT (WITH BASEMENT) & DETAILS

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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THIS DRAWING IS A PROPERTY OF COLLAGE; ANY MODIFICATION, CHANGES, DEVIATIONS IS NOT PERMISSIBLE WITHOUT PRIOR INTIMATION OF THE ARCHITECT. TO THE CONTRARY THIS WILL BE TREATED AS ILLEGAL ACT