



1ST, 2ND, FLOOR BEAM SCHEDULE (TOWER- 1,2,3 & PODIUM)
GRADE OF CONCRETE - M30

BEAM MKD	BEAM SIZE		REINFT. AT SUPPORT		REINFT. AT MID SPAN		STIRRUPS AT	STIRRUPS AT
	WIDE	DEPTH	TOP	BOTTOM	TOP	BOTTOM	SUPPORT(0.3L)	SPAN
B1A	250	900	5-720	2-720	2-720	4-720	T10@1000/C	T10@1500/C
B1	250	600	5-720	2-720	2-720	4-720	T10@1000/C	T10@1500/C
B2	250	600	6-720	3-720	2-720	3-720	T10@1000/C	T10@1500/C
B3	250	600	6-720	3-720	2-720	3-720	T10@1000/C	T10@1500/C
B4	250	600	6-720	3-720	2-720	3-720	T10@1000/C	T10@1500/C
B5	250	600	3-720	3-720	3-720	5-720	T10@1000/C	T10@1500/C
B6	350	600	6-720	4-720	4-720	6-720	4L-T10@1000/C	4L-T10@1500/C
B7	350	600	6-720	4-720	4-720	6-720	4L-T10@1000/C	4L-T10@1500/C
B7A	350	600	6-720	4-720	4-720	6-720	4L-T10@1000/C	4L-T10@1500/C
B8	200	600	4-720	4-720	4-720	6-720	T10@1000/C	T10@1500/C
B9	150	600	5-720	3-720	3-720	5-720	4L-T10@1000/C	4L-T10@1500/C
B10	350	600	6-720	3-720	3-720	5-720	4L-T10@1000/C	4L-T10@1500/C
B11	500	600	6-720	5-720	5-720	8-720	4L-T10@1000/C	4L-T10@1500/C
B11A	250	600	3-720	2-720	2-720	2-720	T10@1000/C	T10@1500/C
B12	250	600	11-720	7-720	7-720	11-720	6L-T10@1000/C	6L-T10@1500/C
B14	350	600	4-720	3-720	4-720	6-720	4L-T10@1000/C	4L-T10@1500/C
B15	350	600	4-720	4-720	4-720	6-720	4L-T10@1000/C	4L-T10@1500/C
B16	250	600	6-720	3-720	3-720	5-720	T10@1000/C	T10@1500/C
B17	250	600	6-720	3-720	3-720	5-720	T10@1000/C	T10@1500/C
B18	250	600	6-720	3-720	3-720	5-720	T10@1000/C	T10@1500/C
B19	350	600	6-720	4-720	4-720	6-720	4L-T10@1000/C	4L-T10@1500/C
B20	350	600	6-720	4-720	4-720	6-720	4L-T10@1000/C	4L-T10@1500/C
B21	150	600	2-720	2-720	2-720	2-720	T10@1000/C	T10@1500/C
B22	400	600	3-720	4-720	5-720	6-720	4L-T10@1000/C	4L-T10@1500/C
B23	250	750	6-720	3-720	3-720	6-720	T10@1000/C	T10@1500/C
B24	250	750	6-720	3-720	3-720	6-720	T10@1000/C	T10@1500/C
B25	600	600	6-720	3-720	3-720	6-720	4L-T10@1000/C	4L-T10@1500/C
MB	250	600	6-720	4-720	2-720	4-720	T10@1000/C	T10@1500/C

1ST, 2ND, FLOOR SLAB SCHEDULE (TOWER- 1,2,3 & PODIUM)
GRADE OF CONCRETE - M30

SLAB MKD.	DEPTH	REINFT. AT SHORTER SPAN	REINFT. AT LONGER SPAN
S1	175	T10@200/C (BOTT.STR.) T10@200/C (BOTT.CUT)	T10@300/C (BOTT.STR.) T10@300/C (BOTT.CUT)
S2	175	T10@200/C (BOTT.STR.) T10@200/C (BOTT.CUT)	T10@400/C (BOTT.STR.) T10@400/C (BOTT.CUT)
S3	200	T12@200/C (BOTT.STR.) T12@200/C (BOTT.CUT)	T10@250/C (BOTT.STR.) T10@250/C (BOTT.CUT)
S4	175	T10@200/C (BOTT.STR.) T10@200/C (BOTT.CUT)	T10@400/C (BOTT.STR.) T10@400/C (BOTT.CUT)
S5	175	T10@300/C (BOTT.STR.) T10@300/C (BOTT.CUT)	T10@400/C (BOTT.STR.) T10@400/C (BOTT.CUT)

NOTES:
 1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED.
 2. SUPER STRUCTURE - PART I STRUCTURE SHALL BE OF 1ST CLASS.
 3. ALL MATERIALS SHALL BE AS PER IS CODES.
 4. ALL MATERIALS SHALL BE AS PER IS CODES.
 5. FOR STEEL GRADE F250 AS PER IS 1786-2008.
 6. LAPS, SPLICES & BEND LENGTH SHOULD BE AS PER IS 1786-2008.
 7. FOUNDATION & PLUMB - BRICKWORK MASONRY & PLUMB
 8. MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:
 MEMBER TOP BOTTOM SILL
 a. COLUMN 30 30 30
 b. BEAM 25 25 25
 c. FLOOR SLAB 20 20 20
 d. PILE 50 50 50
 e. PILECAP 50 75 50

UNPERSOONAL HAS INSPECTED THE SITE AND FOUND THAT THE EXISTING SITE IS SUITABLE FOR THE PROPOSED BUILDING AND FOUNDATION SYSTEM. THE PROPOSED FOUNDATION IS SAFE & STABLE IN ALL RESPECTS FROM GEO-TECHNICAL POINT OF VIEW.

SIGNATURE OF GEOTECH ENGINEER
 ALOK ROY
 W/S. GEOTECH ENGINEERS PVT. LTD.
 ADDRESS:
 8A, ROYD STREET, KOLKATA - 700 084

1. I ENGAGED ARCHITECT AND ESE DURING CONSTRUCTION
 2. I FOLLOWED THE INSTRUCTIONS OF ARCHITECT AND ESE
 DURING CONSTRUCTION OF THE BUILDING.
 3. KMC AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURE
 STABILITY OF BUILDING AND ADJOINING STRUCTURE.
 4. IF ANY QUERIES REGARDING THE PLAN TO BE MADE THE KMC
 AUTHORITY MAY REVOLVE THE SANCTION PLAN.
 5. THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK
 EXECUTED UNDER THE GUIDANCE OF ARCHITECT & ESE.

SIGNATURE OF ARCHITECT
 RAJ KUMAR AGARWAL
 COUNCIL REGISTRATION NO. CA/94/17940
 ADDRESS:
 8B, ROYD STREET (2ND FLOOR), KOLKATA-16.

CERTIFICATE OF ARCHITECT
 THE I.S.A. HAS CERTIFIED THE PLAN (PART I) WITH FULL
 RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER
 PROVISION OF K.M.C. BLDG. RULES 2008, AS AMENDED FROM TIME TO
 TIME AND THAT THE SITE CONDITION INCLUDING THE WIDTH OF THE
 ADJOINING ROAD CONFORMS WITH THE PLAN AND IT IS A BUILDABLE SITE
 AND NOT A TANK OR A FILLED UP TANK.

SIGNATURE OF STRUCTURAL ENGINEER
 SANJIV J. PAREKH
 E.S.E. (I) (1984)
 ADDRESS:
 34 RAMMOHAN DUTTA ROAD,
 KOLKATA-20.

CERTIFICATE OF STRUCTURAL ENGINEER
 THE STRUCTURE IS SAFE IN ALL RESPECTS AND COMPLIES WITH THE
 PROVISIONS OF K.M.C. BLDG. RULES 2008, AS AMENDED FROM TIME TO
 TIME AND THAT THE SITE CONDITION INCLUDING THE WIDTH OF THE
 ADJOINING ROAD CONFORMS WITH THE PLAN AND IT IS A BUILDABLE SITE
 AND NOT A TANK OR A FILLED UP TANK.

SIGNATURE OF STRUCTURAL REVIEWER
 SANTIB GUPTA
 E.S.E. (I) (1984)
 ADDRESS:
 34 RAMMOHAN DUTTA ROAD,
 KOLKATA-20.

SIGNATURE OF STRUCTURAL ENGINEER
 SANJIV J. PAREKH
 E.S.E. (I) (1984)
 ADDRESS:
 34 RAMMOHAN DUTTA ROAD,
 KOLKATA-20.

SIGNATURE OF STRUCTURAL REVIEWER
 SANTIB GUPTA
 E.S.E. (I) (1984)
 ADDRESS:
 34 RAMMOHAN DUTTA ROAD,
 KOLKATA-20.

PROJECT
 PROPOSED G+XVI STORED, 53.375 MT. HEIGHT
 (PARTIALLY G+XV STORED, 50.3 MT. HEIGHT)
 RESIDENTIAL BUILDING AT PRE. NO-12B,
 BELAGHATA ROAD, KOLKATA-700015, UNDER
 KOLKATA MUNICIPAL CORPORATION,
 WARD NO- 57, BOROUGH-VII.

ARCHITECT
 RAJ AGARWAL & ASSOCIATES
 8B, ROYD STREET,
 KOLKATA-16

STRUCTURAL ENGINEERS
 S.P.A. CONSULTANTS
 34, RAMMOHAN DUTTA ROAD,
 KOLKATA - 700020
 TEL: 30-2465-4449/5448-3478-7814 (Tel/Fax)
 E-MAIL: spacon@spacon.co.in

DRAWN BY: ESX **CHECKED BY:** SREY **DATE:** 26.12.2016 **SCALE:** 1:100/25 **REG. NO.:** CS 02

1ST. FL. BEAM LAYOUT
TOWER-01,02,03 & PODIUM BLOCK

2ND. FL. BEAM LAYOUT
TOWER-01,02,03 & PODIUM BLOCK

THE KALITA MUNICIPAL CORPORATION
OFFICE OF THE ENGINEER
1000 10th Street, N.W.
Anchorage, Alaska 99501

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