## COLUMN SCHEDULE(BLOCK-1A)

GRADE OF CONCRETE - (M40 UPTO 4TH FL. M35 UPTO 9TH FL. & M30 UPTO ROOF)

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11TH FLOOR TO ROOF | 20-T12 | 24-T12 | 24-T12 + 8-T12 | 20-T12 | 16-T12 + 8-T12 | 16-T12 + 8-T12 | 20-T12 + 6-T12 | 24-T12 | 40-T12 + 18-T12 | 16-T16 + 10-T12 | 28-T12 + 10-T12 | 24-T16 + 10-T12 | 18-T12 | 20-T20 + 6-T12 | 24-T12 | 16-T12 + 6-T12 |
| 9TH FLOOR TO 11TH FL. | 20-T12 | 24-T12 | 24-T12 + 8-T12 | 20-T12 | 16-T12 + 8-T12 | 16-T12 + 8-T12 | 20-T12 + 6-T12 | 24-T12 | 40-T12 + 18-T12 | 20-T12 + 6-T12 | 28-T12 + 10-T12 | 24-T12 + 10-T12 | 18-T12 | 20-T16 + 6-T12 | 24-T12 | 16-T12 + 6-T12 |
| 6TH FLOOR TO 9TH FL. | 20-T12 | 24-T12 | 24-T12 + 8-T12 | 20-T12 | 20-T12 + 6-T12 | 20-T12 + 6-T12 | 20-T12 + 6-T12 | 24-T12 | 40-T12 + 18-T12 | 20-T12 + 6-T12 | 28-T12 + 10-T12 | 24-T12 + 10-T12 | 18-T12 | 20-T16 + 6-T12 | 24-T12 | 16-T12 + 6-T12 |
| 4TH FL TO 6TH FL. | 20-T12 | 24-T12 | 24-T12 + 8-T12 | 4-T16 + 16-T12 | 20-T12 + 6-T12 | 20-T12 + 6-T12 | 20-T12 + 6-T12 | 24-T12 | 40-T12 + 18-T12 | 16-T16 + 10-T12 | 28-T12 + 10-T12 | 24-T12 + 10-T12 | 18-T12 | 20-T16 + 6-T12 | 6-T16 + 18-T12 | 16-T12 + 6-T12 |
| 2ND FL TO 4TH FL. | 4-T16 + 16-T12 | 14-T16 + 10-T12 | 24-T12 + 8-T12 | 10-T16 + 10-T12 | 20-T12 + 6-T12 | 20-T12 + 6-T12 | 8-T16 + 18-T12 | 18-T16 + 6-T12 | 40-T12 + 18-T12 | 16-T16 + 10-T12 | 28-T12 + 10-T12 | 24-T12 + 10-T12 | 8-T16 + 10-T12 | 20-T16 + 6-T12 | 16-T20 + 6-T16 | 16-T12 + 6-T12 |
| COLUMN SIZE FROM 2ND FLOOR TO REST | 300x900 | 300x900 | 300x1500 | 300x900 | 300x1200 | 300x1200 | 300x1175 | 300x900 | 200x3000 | 300x1175 | 300x1775 | 200x1700 | 200x900 | 300x1200 | 300x930 | 200x1275 |
| FOUNDATION TO 2ND FLOOR | 10-T16 + 10-T12 | 18-T20 + 6-T16 | 24-T20 + 18-T12 | 4-T20 + 16-T16 | 20-T12 + 14-T12 | 8-T16 + 26-T12 | 8-T16 + 26-T12 | 10-T20 + 14-T16 | 44-T20 + 38-T12 | 20-T20 + 14-T16 | 28-T16 + 20-T12 | 28-T20 + 20-T16 | 20-T16 | 34-T20 | 4-T25 + 20-T20 | 20-T12 + 14-T12 |
| COLUMN SIZE UPTO 2ND FLOOR | 300x900 | 300x900 | 300x1500 | 300x900 | 300x1200 | 300x1200 | 300x1175 | 300x900 | 300x3000 | 300x1175 | 300x1775 | 300x1700 | 300x900 | 300x1200 | 300x930 | 300x1275 |
| COLUMN MARKED | 1A-1C,1A-5C | 1A-2C | 1A-3C,1A-4C | 1A-6C | 1A-7C,1A-8C | 1A-9C | 1A-10C | 1A-11C,1A-12C | 1A-13C | 1A-14C | 1A-15C | 1A-16C | 1A-17C | 1A-18C | 1A-19C | 1A-20C |

## COLUMN SCHEDULE(BLOCK-1A)

GRADE OF CONCRETE - (M40 UPTO 4TH FL. M35 UPTO 9TH FL. & M30 UPTO ROOF)

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11TH FLOOR TO ROOF | 20-T12 + 6-T12 | 24-T16 + 8-T12 | 16-T12 + 6-T12 | 32-T12 + 20-T12 | 22-T12 | 20-T12 + 8-T12 | 20-T12 + 6-T12 | 16-T12 + 6-T12 | 4-T20 + 10-T16 | 16-T16 | 18-T12 | 20-T20 + 6-T12 | 6-T16 + 10-T12 | 24-T12 + 10-T12 | 24-T12 + 10-T12 | 16-T16 + 20-T12+26-T16 |
| 9TH FLOOR TO 11TH FL. | 20-T12 + 6-T12 | 8-T20 + 16-T12 + 8-T12 | 16-T12 + 6-T12 | 32-T12 + 26-T12 | 22-T12 | 20-T12 + 8-T12 | 20-T12 + 6-T12 | 16-T12 + 6-T12 | 4-T20 + 10-T16 | 16-T16 | 18-T12 | 20-T16 + 6-T12 | 6-T16 + 10-T12 | 24-T12 + 10-T12 | 24-T12 + 10-T12 | 16-T16 + 20-T12+26-T16 |
| 6TH FLOOR TO 9TH FL. | 20-T12 + 6-T12 | 8-T20 + 16-T16 + 8-T12 | 16-T12 + 6-T12 | 32-T12 + 26-T12 | 22-T12 | 20-T12 + 8-T12 | 20-T12 + 6-T12 | 16-T12 + 6-T12 | 14-T16 | 16-T16 | 18-T12 | 20-T16 + 6-T12 | 6-T16 + 10-T12 | 24-T12 + 10-T12 | 24-T12 + 10-T12 | 16-T16 + 20-T12+26-T16 |
| 4TH FL TO 6TH FL. | 20-T12 + 6-T12 | 24-T20 + 8-T16 | 16-T12 + 6-T12 | 32-T12 + 28-T12 | 22-T12 | 20-T12 + 8-T12 | 20-T12 + 6-T12 | 16-T12 + 6-T12 | 14-T16 | 4-T16 + 12-T12 | 18-T12 | 20-T16 + 6-T12 | 6-T16 + 10-T12 | 24-T12 + 10-T12 | 24-T12 + 10-T12 | 16-T16 + 20-T12+26-T16 |
| 2ND FL TO 4TH FL. | 20-T12 + 6-T12 | 8-T25 + 16-T20 + 8-T16 | 16-T12 + 6-T12 | 32-T12 + 20-T12 | 22-T12 | 20-T16 + 8-T12 | 20-T12 + 6-T12 | 16-T12 + 6-T12 | 14-T16 | 10-T16 + 6-T12 | 8-T16 + 10-T12 | 20-T16 + 6-T12 | 6-T16 + 10-T12 | 24-T12 + 10-T12 | 24-T12 + 10-T12 | 16-T16 + 20-T12+26-T16 |
| COLUMN SIZE FROM 2ND FLOOR TO REST | 300x1250 | 300x1500 | 200x1200 | 200x3375 | 300x1025 | 200x1575 | 300x1200 | 200x1275 | 300x625 | 300x750 | 200x900 | 300x1200 | 300x600 | 200x1700 | 200x1700 | AS/DWG. |
| FOUNDATION TO 2ND FLOOR | 16-T20 + 18-T12 | 42-T20 | 8-T20 + 26-T16 | 36-T16 + 54-T12 | 10-T16 + 12-T12 | 24-T16 + 18-T12 | 12-T16 + 22-T12 | 4-T16 + 30-T12 | 10-T16 + 4-T12 | 4-T20 + 12-T16 | 18-T16 + 2-T12 | 34-T16 | 16-T16 | 24-T20 + 24-T16 | 36-T20 + 12-T16 | 18-T16 + 42-T12+26-T16 |
| COLUMN SIZE UPTO 2ND FLOOR | 300x1250 | 300x1500 | 300x1200 | 300x3375 | 300x1025 | 300x1575 | 300x1200 | 300x1275 | 300x625 | 300x750 | 300x900 | 300x1200 | 300x600 | 300x1700 | 300x1700 | AS/DWG. |
| COLUMN MARKED | 1A-21C | 1A-22C | 1A-23C | 1A-24C,1A-25C | 1A-26C | 1A-27C | 1A-28C | 1A-29C | 1A-30C | 1A-31C | 1A-32C | 1A-33C | 1A-34C | 1A-35C | 1A-36C | 1A-37C |

## COLUMN SCHEDULE(BLOCK-1A)

GRADE OF CONCRETE - (M40 UPTO 4TH FL. M35 UPTO 9TH FL. & M30 UPTO ROOF)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 11TH FLOOR TO ROOF | 16-T12 + 6-T12 | 16-T12 + 6-T12 | 22-T12 | 18-T12 | 16-T12 + 6-T12 | 20-T12 + 6-T12 | 20-T12 + 6-T12 | 16-T12 + 6-T12 | 16-T12 + 6-T12 | 32-T12 + 28-T12 |
| 9TH FLOOR TO 11TH FL. | 16-T12 + 6-T12 | 16-T12 + 6-T12 | 22-T12 | 18-T12 | 16-T12 + 6-T12 | 20-T12 + 6-T12 | 20-T12 + 6-T12 | 16-T12 + 6-T12 | 16-T12 + 6-T12 | 32-T12 + 28-T12 |
| 6TH FLOOR TO 9TH FL. | 16-T12 + 6-T12 | 16-T12 + 6-T12 | 22-T12 | 18-T12 | 16-T12 + 6-T12 | 20-T12 + 6-T12 | 20-T12 + 6-T12 | 16-T12 + 6-T12 | 16-T12 + 6-T12 | 32-T12 + 28-T12 |
| 4TH FL TO 6TH FL. | 16-T12 + 6-T12 | 16-T12 + 6-T12 | 22-T12 | 18-T12 | 16-T12 + 6-T12 | 20-T16 + 6-T12 | 20-T16 + 6-T12 | 16-T12 + 6-T12 | 16-T12 + 6-T12 | 32-T12 + 28-T12 |
| 2ND FL TO 4TH FL. | 16-T12 + 6-T12 | 16-T12 + 6-T12 | 22-T12 | 8-T16 + 10-T12 | 16-T12 + 6-T12 | 20-T16 + 6-T12 | 20-T16 + 6-T12 | 16-T12 + 6-T12 | 16-T12 + 6-T12 | (16-T16 + 16-T12) + 28-T12 |
| COLUMN SIZE FROM 2ND FLOOR TO REST | 200x1200 | 200x1200 | 300x1000 | 200x900 | 200x1200 | 300x1250 | 300x1350 | 200x1200 | 200x1200 | 200x3540 |
| FOUNDATION TO 2ND FLOOR | 20-T20 + 14-T16 | 34-T16 | 4-T16 + 18-T12 | 20-T16 | 34-T20 | 34-T20 | 34-T20 | 28-T16 + 6-T12 | 12-T16 + 22-T12 | 56-T16 + 58-T12 |
| COLUMN SIZE UPTO 2ND FLOOR | 300x1200 | 300x1200 | 300x1000 | 300x900 | 300x1200 | 300x1250 | 300x1350 | 300x1200 | 300x1200 | 300x3540 |
| COLUMN MARKED | 1A-38C | 1A-39C | 1A-40C | 1A-41C | 1A-42C | 1A-43C | 1A-44C | 1A-45C | 1A-46C,1A-47C | 1A-48C,1A-49C |

## COLUMN SCHEDULE(BLOCK-1A)

GRADE OF CONCRETE - (M-40)

| | |
|---|---|
| FOUNDATION TO GROUND FLOOR | 20-T20 + 14-T16 |
| COLUMN SIZE | 300x1200 |
| COLUMN MARKED | B.S.C-1,B.S.C-2,B.S.C-3,B.S.C-4 B.S.C-5,B.S.C-6,B.S.C-7,B.S.C-8 B.S.C-9,B.S.C-10,B.S.C-11,B.S.C-12 B.S.C-13,B.S.C-14,B.S.C-15,B.S.C-16 B.S.C-17,B.S.C-18,B.S.C-19 |

## TIE BEAM SCHEDULE(BL-1A&1B)

GRADE OF CONCRETE - M25

| BEAM MKD. | BEAM SIZE | | REINFT. AT LEFT SUPPT. | | REINFT. AT SPAN | | REINFT. AT RIGHT SUPPT. | | STIRRUPS | |
|---|---|---|---|---|---|---|---|---|---|---|
| | WIDE | DEPTH | TOP | BOTTOM | TOP | BOTTOM | TOP | BOTTOM | SUPPORT | SPAN |
| TB1,TB6,TB10A | 300 | 500 | 3-16 | 3-16 | 3-16 | 3-16 | 3-16 | 3-16 | 8 @150C/C | 8 @150C/C |
| TB2,TB3,TB4,TB7 | 300 | 500 | 4-20 | 4-20 | 4-20 | 4-20 | 4-20 | 4-20 | 8 @150C/C | 8 @150C/C |
| TB5 | 650TO500 | 900 | 6-20 | 6-20 | 6-20 | 6-20 | 6-20 | 6-20 | 4LB @100C/C | 4LB @100C/C |
| TB8 | 300TO500 | 900 | 4-20 | 4-20 | 4-20 | 4-20 | 4-20 | 4-20 | 8 @150C/C | 8 @150C/C |
| TB9 | 300TO500 | 900 | 8-20 | 8-20 | 8-20 | 8-20 | 8-20 | 8-20 | 4LB @100C/C | 4LB @100C/C |
| TB10 | 250 | 500 | 3-16 | 3-16 | 3-16 | 3-16 | 3-16 | 3-16 | 8 @150C/C | 8 @150C/C |

## COLUMN SCHEDULE(BLOCK-1B)

GRADE OF CONCRETE - (M40 UPTO 4TH FL. M35 UPTO 9TH FL. & M30 UPTO ROOF)

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11TH FLOOR TO ROOF | 18-T12 | 10-T20 + 4-T16 5-T20 + 4-T16 | 18-T12 | 18-T12 | 4-T25 + 2-T20 + 10-T16 | 18-T12 | 16-T12 + 6-T12 | 20-T12 | 52-T12 + 24-T12 | 26-T12 | 20-T12 + 6-T12 | 32-T12 + 14-T12 | (8-T20 + 8-T16) +6-T12 | 20-T12 | 32-T12 + 14-T12 | 4-T16 + 12T12 |
| 9TH FLOOR TO 11TH FL. | 8-T16 + 10-T12 | 10-T20 + 4-T16 5-T20 + 4-T16 | 18-T16 | 18-T16 | 4-T25 + 2-T20 + 10-T16 | 18-T12 | 16-T12 + 6-T12 | 20-T12 | 52-T12 + 24-T12 | 10-T16 + 16-T12 | 20-T12 + 6-T12 | 32-T12 + 14-T12 | (8-T20 + 8-T16) +6-T12 | 20-T12 | 32-T12 + 14-T12 | 16-T16 |
| 6TH FLOOR TO 9TH FL. | 8-T16 + 10-T12 | 10-T20 + 4-T16 5-T20 + 4-T16 | 18-T16 | 18-T16 | 8-T25 + 10-T20 | 8-T16 + 10-T12 | 16-T12 + 6-T12 | 20-T12 | 52-T12 + 24-T12 | 10-T16 + 16-T16 | 20-T12 + 6-T12 | 32-T12 + 14-T12 | (8-T20 + 8-T16) +6-T12 | 20-T12 | 32-T12 + 14-T12 | 16-T16 |
| 4TH FL TO 6TH FL. | 8-T16 + 10-T12 | 14-T20 + 9-T20 | 18-T16 | 4-T20 + 14-T16 | 8-T25 + 8-T20 | 8-T20 + 10-T16 | 16-T12 + 6-T12 | 10-T16 + 10-T12 | 52-T12 + 24-T12 | 10-T20 + 16-T16 | 20-T12 + 6-T12 | 32-T12 + 14-T12 | (8-T20 + 8-T16) +6-T12 | 4-T16 + 16T12 | 32-T12 + 14-T12 | 4-T20 + 12T16 |
| 2ND FL TO 4TH FL. | 18-T16 | 14-T20 + 9-T20 | 12-T20 + 6-T16 | 18-T20 | 8-T25 + 8-T20 | 8-T25 + 10-T20 | 16-T16 + 6-T12 | 20-T16 | 52-T12 + 24-T12 | 10-T20 + 16-T16 | 20-T12 + 6-T12 | 32-T12 + 14-T12 | 16-T20 + 6-T12 | 4-T16 + 16T12 | 32-T12 + 14-T12 | 16-T20 |
| COLUMN SIZE FROM 2ND FLOOR TO REST | 200x900 | 300x(600-745) | 200x900 | 200x900 | 200x(300+800) | 200x865 | 200x1200 | 300x900 | 200x3975 | 300x1075 | 300x1200 | 200x2500 | 200x1200 | 300x900 | 200x2375 | 300x625 |
| FOUNDATION TO 2ND FLOOR | 20-T16 | 14-T20 + 9-T20 | 18-T20 | 10-T25 + 10T20 | 21-T20 | 10-T25 + 10-T20 | 34-T16 | 20-T16 | 56-T16 + 50-T12 | 10-T20 + 16-T16 | 34-T16 | 44-T16 + 22-T12 | 20-T20 + 14-T12 | 10-T16 + 10T12 | 20-T20 + 44-T16 | 16-T20 |
| COLUMN SIZE UPTO 2ND FLOOR | 300x900 | 300x(600+745) | 235x900 | 300x900 | 300x(300+800) | 300x865 | 300x1200 | 300x900 | 285x3975 | 300x1075 | 300x1200 | 300x2500 | 300x1200 | 300x900 | 300x2375 | 300x625 |
| COLUMN MARKED | 1B-1C | 1B-2C | 1B-3C | 1B-4C | 1B-5C | 1B-6C | 1B-7C | 1B-8C | 1B-9C | 1B-10C | 1B-11C | 1B-12C | 1B-13C | 1B-14C,1B-15C | 1B-16C | 1B-17C |

## COLUMN SCHEDULE(BLOCK-1B)

GRADE OF CONCRETE - (M40 UPTO 4TH FL. M35 UPTO 9TH FL. & M30 UPTO ROOF)

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11TH FLOOR TO ROOF | 18-T12 | 20-T12 | 20-T12 + 8-T12 | 28-T16 + 12-T12 | 20-T16 + 6-T12 | 18-T12 | 20-T20 + 6-T16 | 48-T16 + 22-T12 | 16-T12 + 6-T12 | 20-T12 | 20-T12 + 8-T12 | 40-T12 + 22-T12 | 18-T12 | 16-T16 | 20-T16 + 6-T12 | 26-T16 |
| 9TH FLOOR TO 11TH FL. | 18-T12 | 20-T12 | 20-T12 + 8-T12 | 16-T16 + 24-T12 | 20-T16 + 6-T12 | 18-T12 | 20-T20 + 6-T16 | 48-T16 + 22-T12 | 16-T12 + 6-T12 | 20-T12 | 20-T12 + 8-T12 | 40-T12 + 22-T12 | 18-T16 | 16-T16 | 20-T16 + 6-T12 | 26-T16 |
| 6TH FLOOR TO 9TH FL. | 18-T12 | 20-T12 | 20-T12 + 8-T12 | 16-T16 + 24-T12 | 20-T16 + 6-T12 | 18-T12 | 20-T20 + 6-T12 | 48-T16 + 22-T12 | 16-T12 + 6-T12 | 20-T12 | 20-T12 + 8-T12 | 40-T12 + 22-T12 | 18-T16 | 8-T20 + 8-T16 | 20-T12 + 6-T12 | 10-T20 + 16-T16 |
| 4TH FL TO 6TH FL. | 18-T16 | 10-T16 + 10-T12 | 20-T12 + 8-T12 | 16-T16 + 24-T12 | 20-T16 + 6-T12 | 18-T12 | 20-T20 + 6-T12 | 48-T16 + 22-T12 | 16-T12 + 6-T12 | 20-T12 | 20-T12 + 8-T12 | 40-T12 + 22-T12 | 18-T16 | 16-T20 | 20-T12 + 6-T12 | 10-T20 + 16-T16 |
| 2ND FL TO 4TH FL. | 18-T20 | 10-T16 + 10-T12 | 20-T12 + 8-T12 | 16-T16 + 24-T12 | 20-T16 + 6-T12 | 18-T12 | 20-T20 + 6-T12 | 48-T16 + 22-T12 | 16-T12 + 6-T12 | 4-T16 + 16-T12 | 8-T16 + 20-T12 | 40-T12 + 22-T12 | 18-T20 | 16-T20 | 20-T12 + 6-T12 | 4-T25 + 22-T20 |
| COLUMN SIZE FROM 2ND FLOOR TO REST | 200x900 | 300x900 | 200x1500 | 200x2175 | 300x1200 | 200x900 | 300x1200 | 200x3875 | 200x1275 | 300x900 | 200x1500 | 200x3375 | 200x900 | 200x775 | 300x1200 | 300x1065 |
| FOUNDATION TO 2ND FLOOR | 10-T25 + 10T20 | 20-T16 | 8-T20 + 34-T16 | 12-T20 + 42-T16 | 20-T16 + 14-T12 | 10-T16 + 10T12 | 12-T20 + 22-T16 | 48-T16 + 46-T12 | 20-T16 + 16-T12 | 10-T16 + 10-T12 | 24-T16 + 18-T12 | 36-T16 + 54-T12 | 20-T20 | 8-T25 + 10-T20 | 20-T16 + 14-T12 | 10-T25 + 16-T20 |
| COLUMN SIZE UPTO 2ND FLOOR | 300x900 | 300x900 | 300x1500 | 200x2175 | 300x1200 | 300x900 | 300x1200 | 300x3875 | 300x1275 | 300x900 | 300x1500 | 300x3375 | 300x900 | 300x775 | 300x1200 | 300x1065 |
| COLUMN MARKED | 1B-18C | 1B-19C | 1B-20C | 1B-21C | 1B-22C | 1B-23C | 1B-24C | 1B-25C | 1B-26C | 1B-27C | 1B-29C | 1B-30C,1B-32C | 1B-31C | 1B-33C | 1B-34C | 1B-35C |

## COLUMN SCHEDULE(BLOCK-1B)

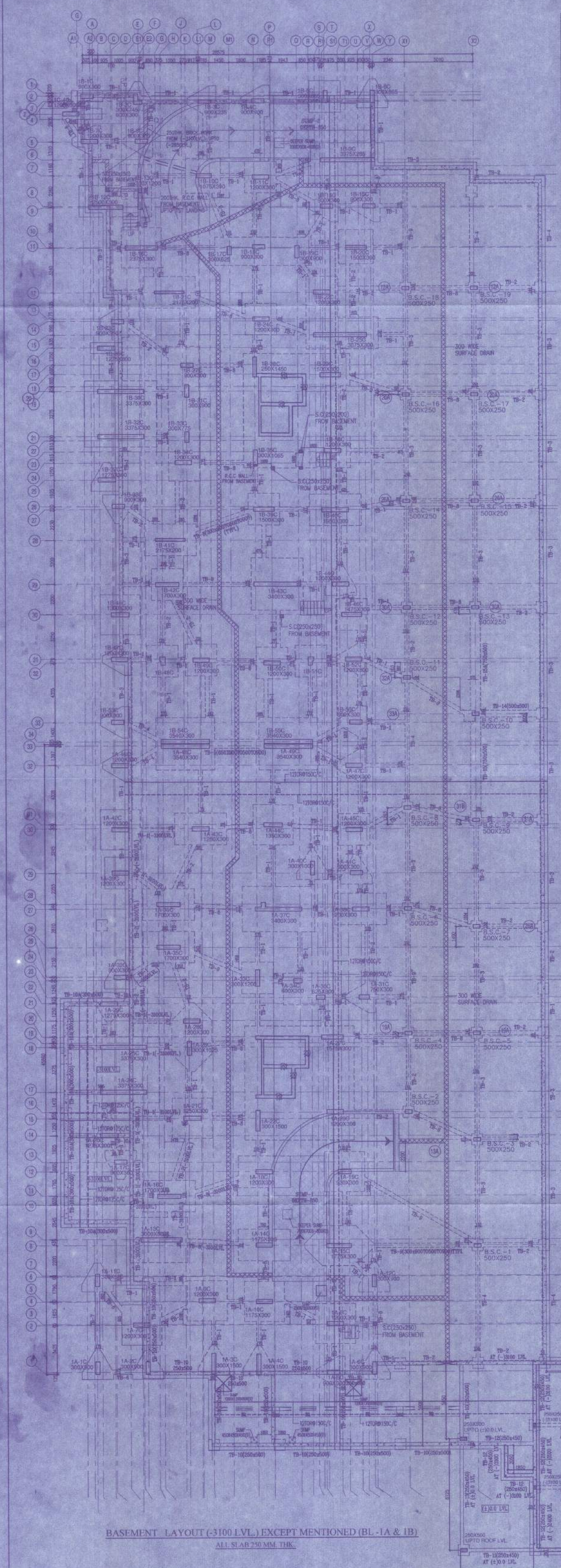
GRADE OF CONCRETE - (M40 UPTO 4TH FL. M35 UPTO 9TH FL. & M30 UPTO ROOF)

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11TH FLOOR TO ROOF | 8-T16 + 14-T12 | 16-T12 + 6-T12 | 18-T12 | 24-T16 + 8-T12 | 32-T12 + 10-T12 | 40-T12 | 34-T12 | 64-T12 | 26-T12 | 20-T16 + 6-T12 | 28-T12 | 22-T12 | 26-T12 | 26-T12 | 22-T12 |
| 9TH FLOOR TO 11TH FL. | 8-T16 + 14-T12 | 16-T12 + 6-T12 | 18-T12 | 24-T12 + 8-T12 | 32-T12 + 10-T12 | 40-T12 | 34-T12 | 64-T12 | 26-T12 | 20-T16 + 6-T12 | 28-T12 | 22-T12 | 26-T12 | 26-T12 | 22-T12 |
| 6TH FLOOR TO 9TH FL. | 16-T12 + 6-T12 | 16-T12 + 6-T12 | 18-T12 | 24-T12 + 8-T12 | 32-T12 + 10-T12 | 8-T16 + 32-T12 | 34-T12 | 64-T12 | 26-T12 | 20-T16 + 6-T12 | 28-T12 | 22-T12 | 26-T12 | 26-T12 | 22-T12 |
| 4TH FL TO 6TH FL. | 16-T12 + 6-T12 | 16-T12 + 6-T12 | 4-T16 + 14-T12 | 24-T12 + 8-T12 | 32-T12 + 10-T12 | 40-T16 | 34-T12 | 64-T12 | 26-T12 | 20-T16 + 6-T12 | 28-T12 | 8-T16 + 14-T12 | 26-T12 | 26-T12 | 8-T16 + 14-T12 |
| 2ND FL TO 4TH FL. | 16-T12 + 6-T12 | 16-T12 + 6-T12 | 18-T16 | 24-T12 + 8-T12 | 32-T12 + 10-T12 | 8-T20 + 32-T16 | 8-T16 + 26-T12 | 64-T12 | 26-T12 | 20-T16 + 6-T12 | 28-T12 | 22-T16 | 26-T12 | 26-T12 | 8-T20 + 14-T16 |
| COLUMN SIZE FROM 2ND FLOOR TO REST | 200x1200 | 200x1275 | 200x900 | 300x1500 | 300x1950 | 200x2175 | 200x1700 | 200x3400 | 300x1200 | 300x1300 | 200x1475 | 200x1200 | 300x1200 | 300x1200 | 200x1200 |
| FOUNDATION TO 2ND FLOOR | 12-T20 + 22-T16 | 20-T16 + 14-T12 | 20-T16 | 24-T16 + 18-T12 | 32-T12 + 22-T12 | 8-T20 + 46-T16 | 28-T16 + 20-T16 | 16-T20 + 74-T16 | 20-T16 + 14-T12 | 20-T20 + 14-T16 | 12-T20 + 28-T16 | 20-T20 + 14-T20 | 20-T16 + 14-T12 | 20-T16 + 14-T12 | 12-T20 + 22-T16 |
| COLUMN SIZE UPTO 2ND FLOOR | 300x1200 | 300x1275 | 300x900 | 300x1500 | 300x1950 | 200x2175 | 300x1700 | 300x3400 | 300x1200 | 300x1300 | 300x1475 | 300x1200 | 300x1200 | 300x1200 | 300x1200 |
| COLUMN MARKED | 1B-36C | 1B-37C | 1B-38C | 1B-39C | 1B-40C | 1B-41C | 1B-42C | 1B-43C | 1B-44C | 1B-45C | 1B-46C | 1B-47C | 1B-49C | 1B-50C | 1B-52C |

## COLUMN SCHEDULE(BLOCK-1B)

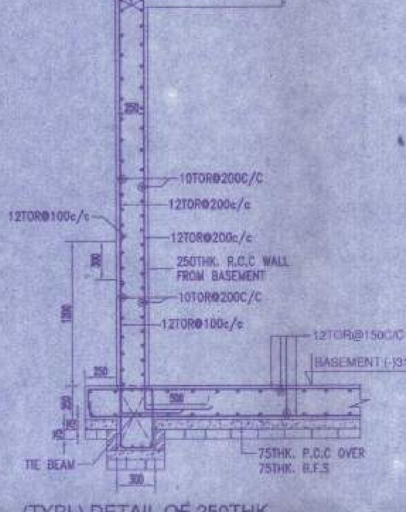
GRADE OF CONCRETE - (M40 UPTO 4TH FL. M35 UPTO 9TH FL. & M30 UPTO ROOF)

| | | | | |
|---|---|---|---|---|
| 11TH FLOOR TO ROOF | 18-T12 | 60-T12 | 4-T16 + 22T12 | 15-T16 |
| 9TH FLOOR TO 11TH FL. | 18-T12 | 60-T12 | 4-T16 + 22T12 | 15-T16 |
| 6TH FLOOR TO 9TH FL. | 4-T16 + 14-T12 | 60-T12 | 4-T16 + 22T12 | 15-T20 |
| 4TH FL TO 6TH FL. | 8-T16 + 10-T12 | 60-T12 | 8-T16 + 18T12 | 15-T20 |
| 2ND FL TO 4TH FL. | 8-T16 + 10-T12 | 60-T12 | 8-T20 + 18T16 | 15-T20 |
| COLUMN SIZE FROM 2ND FLOOR TO REST | 200x900 | 300x3540 | 250x1450 | 300x(400+600) |
| FOUNDATION TO 2ND FLOOR | 4-T20 + 16-T16 | 48-T16 + 42-T12 | 10-T25 + 18T20 | 15-T20 |
| COLUMN SIZE UPTO 2ND FLOOR | 300x900 | 300x3540 | 250x1450 | 300x(400+600) |
| COLUMN MARKED | 1B-53C,1B-56C | 1B-54C,1B-55C | 1B-28C | 1B-48C,1B-51C |

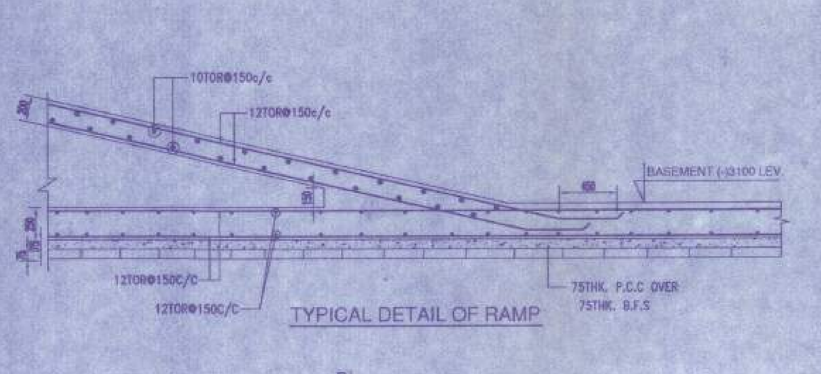


BASEMENT LAYOUT (-3100 LVL.) EXCEPT MENTIONED (BL-1A & 1B)

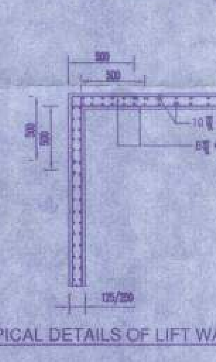
ALL SLAB 250 MM. THK.



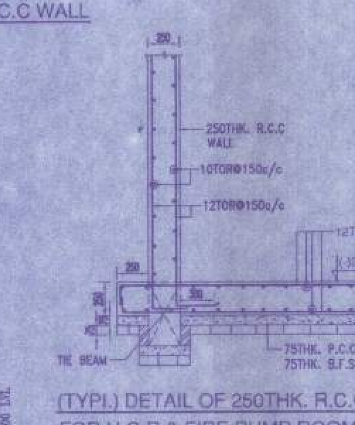
(TYPI.) DETAIL OF 250THK. R.C.C WALL



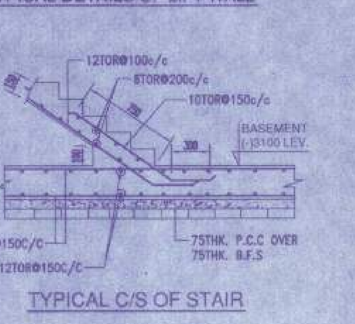
TYPICAL DETAIL OF RAMP



TYPICAL DETAILS OF LIFT WALL

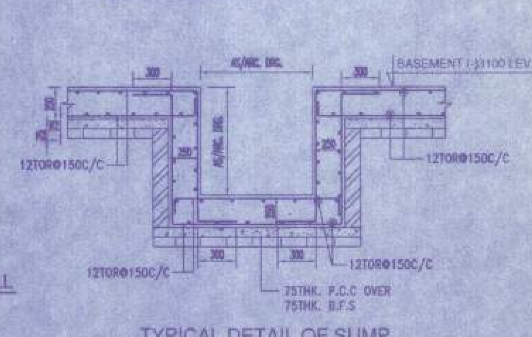


(TYPI.) DETAIL OF 250THK. R.C.C WALL FOR U.G.R & FIRE PUMP ROOM AREA



TYPICAL C/S OF STAIR

(TYPI.) DETAIL OF 300THK. R.C.C WALL FOR TANK AREA



TYPICAL DETAIL OF SUMP

NOTES:-

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
2. SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
3. ALL GRADE OF CONCRETE AS/SCHEDULE
4. ALL MATERIALS SHALL CONFORM TO RELEVANT I.S CODES.
5. FOR STEEL GRADE Fe 500 AS PER I.S 1786-1979.
6. LAPS, SPLICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS THE SMALLEST BAR DIA.
7. FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASSBRICK IN 1:6 CEMENT MORTAR.
8. 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 |
| d. TIE BEAM. | | 30 | 30 |
| e. FLOOR SLAB. | | 25 | 25 |

Madquf Developers (P) Ltd. Mayfair Garden (P) Ltd. Madquf Vyapaar (P) Ltd. Happy Home Fiscal Service (P) Ltd. Skipper Merchandise (P) Ltd. Bellview Vinimay (P) Ltd. Evergreen Vincom (P) Ltd. Elegant Merchants (P) Ltd. Mahima Tie-up (P) Ltd. Zenstar Commercial (P) Ltd. Manju Vyapaar (P) Ltd. Instyle Distributors (P) Ltd. Fairplan Vinimay (P) Ltd. Exclusive Commotrade (P) Ltd. Pioneer Marketing (P) Ltd. Sarah Apartments (P) Ltd. Deeparna Suppliers (P) Ltd. Sunshine Towers (P) Ltd.

SIGNATURE OF OWNER

CERTIFICATE OF STRUCTURAL ENGINEER

THIS IS TO CERTIFY THAT THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS.

SANJIV J. PAREKH
M.E.(STRUCT.),M.E.(CONST. ENG.),
B. C. E., FIE-(F-018202-4)
E. S. E. NO. 104 (I) K. M. C.

SIGNATURE OF STRUCTURAL ENGG.

SANJIB GUHA
BSC, BCE, FIE-(F-115654-5)
CHARTERED ENGINEER
ENLISTED STRUCTURAL REVIEWER 86/16 K.M.C.

SIGNATURE OF AUDIT REVIEWER

Empanelled Geotechnical Engineer
Kolkata Municipal Corporation
Class-I, No.- G.T/I/11
6A, Milan Park,
Kolkata-700 084

SIGNATURE OF GEO-TECHNICAL ENGINEER

CERTIFICATE OF ARCHITECT

I DO HERE BY CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER K.M.C. BUILDING RULE - 2009 AS AMENDED FROM TIME TO TIME. THAT THE WIDTH OF THE ABUTTING ROAD CONFORM WITH THE PLAN AND IT IS A BUILDABLE SITE NOT A TANK OR A FILLED UP TANK. THE SITE PLAN, LOCATION PLAN AGREES WITH THE SITE. THE PLOT IS DEMARCATED BY BOUNDARY WALLS & MEASUREMENTS TALLY WITH THE REGD. DEED PLAN.

JAY PRAKASH BHARAT KUMAR AGRAWAL
B. Arch., A.I.I.A.
Reg. No. CA / 86 / 10006
ARCHITECT SL. NO. - 32(A)

SIGNATURE OF ARCHITECT

PROJECT

PROPOSAL FOR OBTAINING THE SANCTION OF ADDITION & ALTERATION OF B+G+XII STORIED RESIDENTIAL BUILDING U/S 394 OF KMC ACT 1980 READ WITH U/R 26 (5b) ALONG WITH 89A(1)(c) OF KMC BUILDING RULES 2009 INCORPORATING ADDITION IN 1ST & 13TH FLOOR AT PREMISES NO. 24, DIAMOND HARBOUR ROAD, KOLKATA 700104, WARD - 144, UNDER BOROUGH - XVI, P.S.-THAKURPUKUR. (REF. B.S. PLAN NO. 2016160118 DATED 29.06.2016)

TITLE

TIE BEAM LAYOUT, TIE BEAM SCHEDULE & COL. SCHEDULE (BLOCK-1A & 1B)

ARCHITECTS

AGRAWAL & AGRAWAL

BARODA KOLKATA

STRUCTURAL ENGINEERS

S.P.A.CONSULTANTS

34, RAM MOHAN DUTTA ROAD
KOLKATA - 700020 PHONE - 4757614/4755733,
E-Mail: spa_cons@yahoo.co.in FAX-475-2484

| DRAWN BY- A.S. | CHECKED BY S.P. | JOB NO. 2016/05/AKA/34/ 24,D.H.ROAD(JOKA) |
|---|---|---|
| DATE- 14.12.18 | SCALE : 1:100,25 | DRG. NO. CS- 02 |