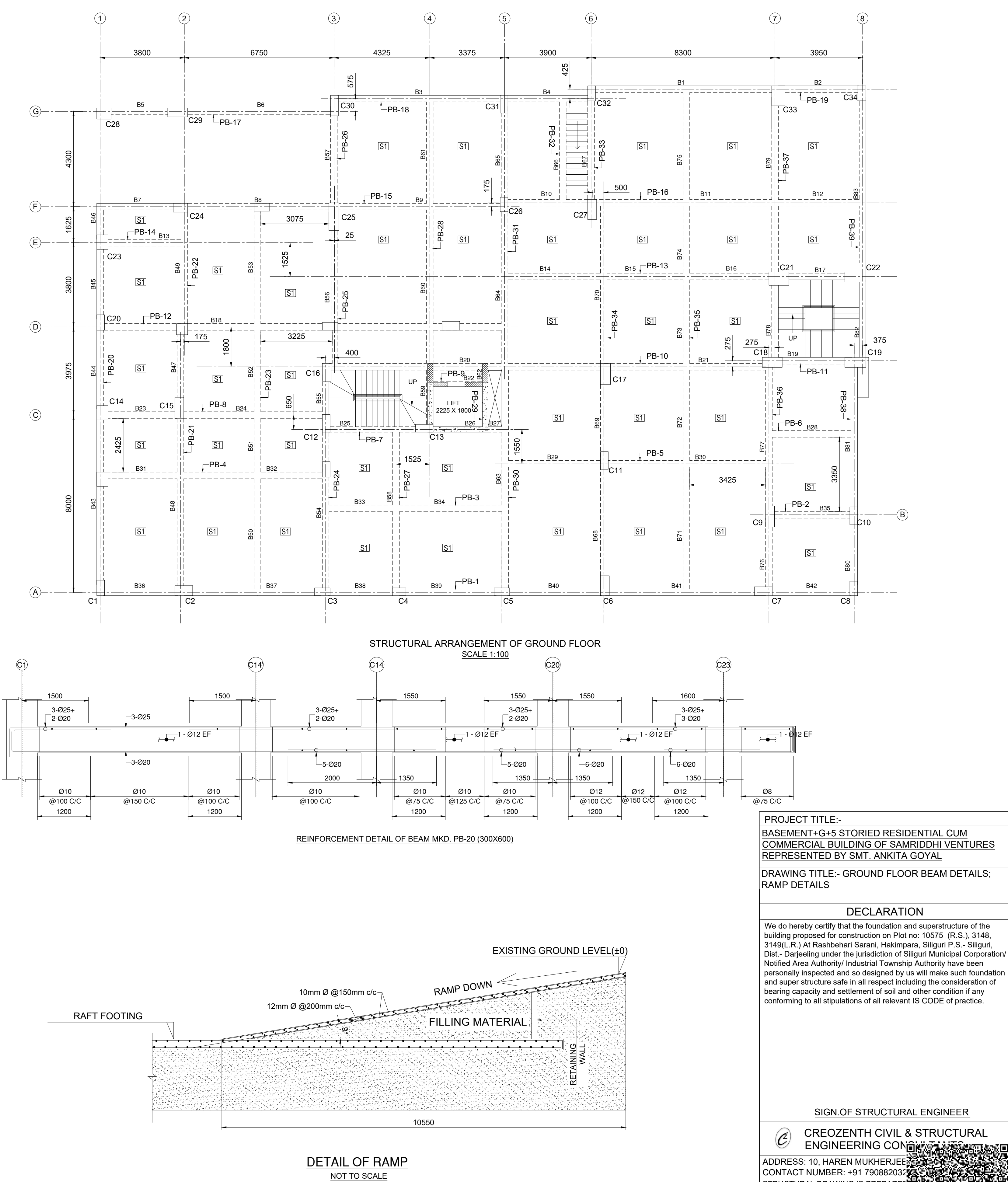


| SCHEDULE OF PLINTH BEAMS |          |      |     |                         |                         |                |                         |                |                         |                |             |             |         |
|--------------------------|----------|------|-----|-------------------------|-------------------------|----------------|-------------------------|----------------|-------------------------|----------------|-------------|-------------|---------|
| BEAM GROUP               | BEAM NO. | SIZE |     | BOTTOM REINFORCEMENT    |                         |                | TOP REINFORCEMENT       |                |                         | SHEAR STIRRUPS |             |             | SFR     |
|                          |          | B    | D   | LEFT                    | MID SPAN                | RIGHT          | LEFT                    | MID SPAN       | RIGHT                   | LEFT           | MID SPAN    | RIGHT       |         |
| PB-1                     | B36      | 300  | 600 | 4-Ø16<br>4-Ø16          | 4-Ø16                   | 4-Ø16<br>4-Ø16 | 3-Ø20<br>2-Ø20          | 3-Ø20          | 3-Ø20<br>3-Ø20          | Ø10@100 C/C    | Ø10@150 C/C | Ø10@100 C/C | 1-Ø12EF |
|                          | B37      | 300  | 600 | 4-Ø16<br>4-Ø16          | 4-Ø16<br>2-Ø16          | 4-Ø16          | 3-Ø20<br>3-Ø20          | 3-Ø20          | 3-Ø20<br>2-Ø20          | Ø10@100 C/C    | Ø10@125 C/C | Ø10@100 C/C | 1-Ø12EF |
|                          | B38      | 300  | 600 | 4-Ø16                   | 4-Ø16                   | 4-Ø16<br>2-Ø16 | 3-Ø20<br>2-Ø20          | 3-Ø20          | 3-Ø20<br>2-Ø20          | Ø10@100 C/C    | Ø10@150 C/C | Ø10@100 C/C | 1-Ø12EF |
|                          | B39      | 300  | 600 | 4-Ø16<br>2-Ø16          | 4-Ø16                   | 4-Ø16<br>4-Ø16 | 3-Ø20<br>2-Ø20          | 3-Ø20          | 3-Ø20<br>3-Ø20          | Ø8@75 C/C      | Ø8@125 C/C  | Ø8@75 C/C   | 1-Ø12EF |
|                          | B40      | 300  | 600 | 4-Ø16<br>4-Ø16          | 4-Ø16                   | 4-Ø16<br>2-Ø16 | 3-Ø20<br>3-Ø20          | 3-Ø20          | 3-Ø20<br>3-Ø20          | Ø10@100 C/C    | Ø10@125 C/C | Ø10@75 C/C  | 1-Ø12EF |
|                          | B41      | 300  | 600 | 4-Ø16<br>2-Ø16          | 4-Ø16<br>4-Ø16          | 4-Ø16<br>2-Ø16 | 3-Ø20<br>3-Ø20          | 3-Ø20          | 3-Ø20<br>3-Ø20          | Ø10@75 C/C     | Ø10@75 C/C  | Ø10@75 C/C  | 1-Ø12EF |
|                          | B42      | 300  | 600 | 4-Ø16<br>2-Ø16          | 4-Ø16                   | 4-Ø16<br>2-Ø16 | 3-Ø20<br>3-Ø20          | 3-Ø20          | 3-Ø20<br>2-Ø20          | Ø10@75 C/C     | Ø10@150 C/C | Ø10@100 C/C | 1-Ø12EF |
| PB-2                     | B35      | 300  | 600 | 3-Ø25<br>3-Ø16          | 3-Ø25                   | 3-Ø25          | 3-Ø25<br>2-Ø16          | 3-Ø25          | 3-Ø25<br>3-Ø16          | Ø10@100 C/C    | Ø10@125 C/C | Ø10@75 C/C  | 1-Ø12EF |
| PB-3                     | B33      | 300  | 600 | 3-Ø16                   | 3-Ø16                   | 3-Ø16          | 3-Ø12                   | 3-Ø12          | 3-Ø12                   | Ø8@150 C/C     | Ø8@150 C/C  | Ø8@150 C/C  | 1-Ø12EF |
|                          | B34      | 300  | 600 | 3-Ø16                   | 3-Ø16                   | 3-Ø16          | 3-Ø12                   | 3-Ø12          | 3-Ø12                   | Ø8@150 C/C     | Ø8@150 C/C  | Ø8@150 C/C  | 1-Ø12EF |
| PB-4                     | B31      | 300  | 600 | 4-Ø16                   | 4-Ø16                   | 4-Ø16          | 3-Ø16                   | 3-Ø16          | 3-Ø16                   | Ø8@150 C/C     | Ø8@150 C/C  | Ø8@150 C/C  | 1-Ø12EF |
|                          | B32      | 300  | 600 | 4-Ø16                   | 4-Ø16<br>4-Ø12          | 4-Ø16          | 3-Ø16                   | 3-Ø16          | 3-Ø16                   | Ø8@125 C/C     | Ø8@150 C/C  | Ø8@150 C/C  | 1-Ø12EF |
| PB-5                     | B29      | 300  | 600 | 3-Ø25                   | 3-Ø25                   | 3-Ø25          | 3-Ø25                   | 3-Ø25          | 3-Ø25<br>3-Ø25          | Ø8@150 C/C     | Ø8@150 C/C  | Ø8@125 C/C  | 1-Ø12EF |
|                          | B30      | 300  | 600 | 3-Ø25                   | 3-Ø25<br>3-Ø20          | 3-Ø25          | 3-Ø25<br>3-Ø25          | 3-Ø25          | 3-Ø25                   | Ø8@100 C/C     | Ø8@125 C/C  | Ø8@100 C/C  | 1-Ø12EF |
| PB-6                     | B28      | 300  | 600 | 3-Ø16                   | 3-Ø16                   | 3-Ø16          | 3-Ø12                   | 3-Ø12          | 3-Ø12                   | Ø8@150 C/C     | Ø8@150 C/C  | Ø8@150 C/C  | 1-Ø12EF |
| PB-7                     | B25      | 250  | 600 | 3-Ø25<br>2-Ø16          | 3-Ø25                   | 3-Ø25<br>2-Ø16 | 3-Ø25                   | 3-Ø25          | 3-Ø25<br>2-Ø25          | Ø12@100 C/C    | Ø12@150 C/C | Ø12@100 C/C | 1-Ø12EF |
|                          | B26      | 250  | 600 | 3-Ø25<br>2-Ø16          | 3-Ø25                   | 3-Ø25          | 3-Ø25<br>2-Ø25          | 3-Ø25<br>2-Ø25 | 3-Ø25<br>2-Ø25          | Ø10@75 C/C     | Ø10@75 C/C  | Ø10@100 C/C | 1-Ø12EF |
|                          | B27      | 250  | 600 | 3-Ø25                   | 3-Ø25                   | 3-Ø25          | 3-Ø25<br>2-Ø25          | 3-Ø25          | 3-Ø25                   | Ø10@75 C/C     | Ø10@75 C/C  | Ø10@75 C/C  | 1-Ø12EF |
| PB-8                     | B23      | 300  | 600 | 3-Ø25                   | 3-Ø25                   | 3-Ø25          | 3-Ø25                   | 3-Ø25          | 3-Ø25<br>3-Ø25          | Ø10@100 C/C    | Ø10@150 C/C | Ø10@75 C/C  | 1-Ø12EF |
|                          | B24      | 300  | 600 | 3-Ø25                   | 3-Ø25<br>3-Ø25          | 3-Ø25          | 3-Ø25<br>3-Ø25          | 3-Ø25          | 3-Ø25                   | Ø10@100 C/C    | Ø10@100 C/C | Ø10@150 C/C | 1-Ø12EF |
| PB-9                     | B22      | 250  | 600 | 3-Ø20                   | 3-Ø20                   | 3-Ø20          | 3-Ø16                   | 3-Ø16          | 3-Ø16                   | Ø8@75 C/C      | Ø8@75 C/C   | Ø8@75 C/C   | 1-Ø12EF |
| PB-10                    | B20      | 300  | 600 | 3-Ø25                   | 3-Ø25                   | 3-Ø25          | 3-Ø25<br>2-Ø25          | 3-Ø25          | 3-Ø25<br>3-Ø25          | Ø12@100 C/C    | Ø12@150 C/C | Ø12@100 C/C | 1-Ø12EF |
|                          | B21      | 300  | 600 | 3-Ø25                   | 3-Ø25<br>3-Ø16          | 3-Ø25          | 3-Ø25<br>3-Ø25          | 3-Ø25          | 3-Ø25                   | Ø8@100 C/C     | Ø8@150 C/C  | Ø8@150 C/C  | 1-Ø12EF |
| PB-11                    | B19      | 300  | 600 | 3-Ø25<br>2-Ø20          | 3-Ø25                   | 3-Ø25<br>2-Ø20 | 3-Ø25<br>2-Ø25          | 3-Ø25          | 3-Ø25<br>3-Ø25          | Ø12@100 C/C    | Ø12@150 C/C | Ø12@75 C/C  | 1-Ø12EF |
| PB-12                    | B18      | 300  | 600 | 4-Ø16                   | 4-Ø16<br>4-Ø16          | 4-Ø16<br>4-Ø16 | 3-Ø25<br>3-Ø20          | 3-Ø25          | 3-Ø25                   | Ø8@125 C/C     | Ø8@150 C/C  | Ø8@150 C/C  | 1-Ø12EF |
| PB-13                    | B14      | 300  | 600 | 3-Ø20                   | 3-Ø20                   | 3-Ø20          | 3-Ø25                   | 3-Ø25          | 3-Ø25                   | Ø8@150 C/C     | Ø8@150 C/C  | Ø8@150 C/C  | 1-Ø12EF |
|                          | B15      | 300  | 600 | 3-Ø20                   | 3-Ø20                   | 3-Ø20          | 3-Ø25                   | 3-Ø25          | 3-Ø25                   | Ø8@150 C/C     | Ø8@150 C/C  | Ø8@150 C/C  | 1-Ø12EF |
|                          | B16      | 300  | 600 | 3-Ø20                   | 3-Ø20<br>3-Ø20          | 3-Ø20<br>3-Ø20 | 3-Ø25<br>3-Ø12          | 3-Ø25          | 3-Ø25<br>3-Ø25<br>2-Ø16 | Ø8@150 C/C     | Ø8@150 C/C  | Ø8@100 C/C  | 1-Ø12EF |
|                          | B17      | 300  | 600 | 3-Ø20<br>3-Ø20<br>2-Ø12 | 3-Ø20                   | 3-Ø20<br>3-Ø20 | 3-Ø25<br>3-Ø25<br>2-Ø16 | 3-Ø25          | 3-Ø25<br>2-Ø25          | Ø12@75 C/C     | Ø12@150 C/C | Ø12@100 C/C | 1-Ø12EF |
| PB-14                    | B13      | 300  | 600 | 4-Ø16<br>2-Ø12          | 4-Ø16                   | 4-Ø16          | 4-Ø16<br>4-Ø16          | 4-Ø16          | 4-Ø16                   | Ø8@150 C/C     | Ø8@100 C/C  | Ø8@100 C/C  | 1-Ø12EF |
| PB-15                    | B7       | 300  | 600 | 4-Ø16                   | 4-Ø16                   | 4-Ø16<br>2-Ø16 | 3-Ø25                   | 3-Ø25          | 3-Ø25<br>2-Ø20          | Ø8@150 C/C     | Ø8@150 C/C  | Ø8@150 C/C  | 1-Ø12EF |
|                          | B8       | 300  | 600 | 4-Ø16<br>2-Ø16          | 4-Ø16<br>2-Ø16          | 4-Ø16<br>4-Ø16 | 3-Ø25<br>2-Ø20          | 3-Ø25          | 3-Ø25<br>3-Ø25          | Ø10@75 C/C     | Ø10@150 C/C | Ø10@75 C/C  | 1-Ø12EF |
|                          | B9       | 300  | 600 | 4-Ø16<br>4-Ø16<br>4-Ø12 | 4-Ø16<br>4-Ø16          | 4-Ø16<br>2-Ø16 | 3-Ø25<br>3-Ø25          | 3-Ø25          | 3-Ø25<br>2-Ø25          | Ø10@75 C/C     | Ø10@100 C/C | Ø10@75 C/C  | 1-Ø12EF |
| PB-16                    | B10      | 300  | 600 | 4-Ø16<br>2-Ø16          | 4-Ø16<br>2-Ø16          | 4-Ø16<br>4-Ø12 | 3-Ø25<br>2-Ø25          | 3-Ø25          | 3-Ø25<br>3-Ø12          | Ø12@100 C/C    | Ø12@150 C/C | Ø12@75 C/C  | 1-Ø12EF |
|                          | B11      | 300  | 600 | 4-Ø16<br>4-Ø16<br>4-Ø12 | 4-Ø16<br>4-Ø16<br>2-Ø12 | 4-Ø16          | 3-Ø25<br>3-Ø25<br>3-Ø12 | 3-Ø25          | 3-Ø25                   | Ø10@75 C/C     | Ø10@150 C/C | Ø10@150 C/C | 1-Ø12EF |
|                          | B12      | 300  | 600 | 4-Ø16                   | 4-Ø16                   | 4-Ø16          | 3-Ø25                   | 3-Ø25          | 3-Ø25                   | Ø8@150 C/C     | Ø8@150 C/C  | Ø8@150 C/C  | 1-Ø12EF |
| PB-17                    | B5       | 300  | 600 | 3-Ø25<br>3-Ø20          | 3-Ø25                   | 3-Ø25<br>3-Ø20 | 3-Ø25<br>2-Ø25          | 3-Ø25          | 3-Ø25<br>3-Ø25          | Ø12@100 C/C    | Ø12@150 C/C | Ø12@75 C/C  | 1-Ø12EF |
|                          | B6       | 300  | 600 | 3-Ø25<br>3-Ø20          | 3-Ø25                   | 3-Ø25          | 3-Ø25<br>3-Ø25          | 3-Ø25          | 3-Ø25                   | Ø8@150 C/C     | Ø8@150 C/C  | Ø8@150 C/C  | 1-Ø12EF |
| PB-18                    | B3       | 300  | 600 | 4-Ø16<br>2-Ø12          | 4-Ø16                   | 4-Ø16<br>4-Ø12 | 3-Ø20<br>3-Ø20          | 3-Ø20          | 3-Ø20<br>3-Ø20          | Ø8@75 C/C      | Ø8@100 C/C  | Ø8@75 C/C   | 1-Ø12EF |
|                          | B4       | 300  | 600 | 4-Ø16<br>4-Ø12          | 4-Ø16                   | 4-Ø16<br>2-Ø12 | 3-Ø20<br>3-Ø20          | 3-Ø20          | 3-Ø20<br>3-Ø20          | Ø10@75 C/C     | Ø10@150 C/C | Ø10@75 C/C  | 1-Ø12EF |
| PB-19                    | B1       | 300  | 600 | 3-Ø20                   | 3-Ø20<br>2-Ø20          | 3-Ø20<br>3-Ø20 | 3-Ø25<br>2-Ø16          | 3-Ø25          | 3-Ø25<br>3-Ø16          | Ø10@100 C/C    | Ø10@100 C/C | Ø10@100 C/C | 1-Ø12EF |
|                          | B2       | 300  | 600 | 3-Ø20<br>3-Ø20          | 3-Ø20                   | 3-Ø20<br>3-Ø20 | 3-Ø25<br>3-Ø16          | 3-Ø25          | 3-Ø25<br>2-Ø16          | Ø10@100 C/C    | Ø10@150 C/C | Ø10@100 C/C | 1-Ø12EF |
| PB-20                    | B43      | 300  | 600 | 3-Ø20                   | 3-Ø20                   | 3-Ø20<br>2-Ø20 | 3-Ø25<br>2-Ø20          | 3-Ø25          | 3-Ø25<br>2-Ø20          | Ø10@100 C/C    | Ø10@150 C/C | Ø10@100 C/C | 1-Ø12EF |
|                          | B44      | 300  | 600 | 3-Ø20<br>2-Ø20          | 3-Ø20                   | 3-Ø20<br>3-Ø20 | 3-Ø25<br>2-Ø20          | 3-Ø25          | 3-Ø25<br>2-Ø20          | Ø10@75 C/C     | Ø10@125 C/C | Ø10@75 C/C  | 1-Ø12EF |
|                          | B45      | 300  | 600 | 3-Ø20<br>3-Ø20          | 3-Ø20                   | 3-Ø20<br>3-Ø20 | 3-Ø25<br>2-Ø20          | 3-Ø25          | 3-Ø25<br>3-Ø20          | Ø12@100 C/C    | Ø12@150 C/C | Ø12@100 C/C | 1-Ø12EF |
|                          | B46      | 300  | 600 | 3-Ø20<br>3-Ø20          | 3-Ø20                   | 3-Ø20          | 3-Ø25<br>3-Ø20          | 3-Ø25<br>3-Ø20 | 3-Ø25<br>3-Ø20          | Ø8@75 C/C      | Ø8@75 C/C   | Ø8@75 C/C   | 1-Ø12EF |
| PB-21                    | B47      | 300  | 600 | 4-Ø16<br>4-Ø16<br>4-Ø12 | 4-Ø16                   | 4-Ø16<br>2-Ø16 | 3-Ø25<br>3-Ø25<br>2-Ø12 | 3-Ø25<br>2-Ø25 | 3-Ø25<br>2-Ø25          | Ø8@75 C/C      | Ø8@75 C/C   | Ø8@125 C/C  | 1-Ø12EF |
|                          | B48      | 300  | 600 | 4-Ø16<br>2-Ø16          | 4-Ø16<br>2-Ø16          | 4-Ø16<br>4-Ø16 | 3-Ø25<br>2-Ø25          | 3-Ø25          | 3-Ø25<br>3-Ø25          | Ø12@100 C/C    | Ø12@150 C/C | Ø12@100 C/C | 1-Ø12EF |



PROJECT TITLE:-  
BASEMENT+G+5 STORIED RESIDENTIAL CUM  
COMMERCIAL BUILDING OF SAMRIDDHI VENTURES  
REPRESENTED BY SMT. ANKITA GOYAL

DRAWING TITLE:- GROUND FLOOR BEAM DETAILS;  
RAMP DETAILS

DECLARATION

We do hereby certify that the foundation and superstructure of the building proposed for construction on Plot no: 10575 (R.S.), 3148, 3149(L.R.) At Rashbehari Sarani, Hakimpura, Siliguri P.S.- Siliguri, Dist.- Darjeeling under the jurisdiction of Siliguri Municipal Corporation/ Notified Area Authority/ Industrial Township Authority have been personally inspected and so designed by us will make such foundation and super structure safe in all respect including the consideration of bearing capacity and settlement of soil and other condition if any conforming to all stipulations of all relevant IS CODE of practice.

SIGN.OF STRUCTURAL ENGINEER

CROZENTH CIVIL & STRUCTURAL  
ENGINEERING CONSULTANTS

ADDRESS: 10, HAREN MUKHERJEE  
CONTACT NUMBER: +91 7908820322  
STRUCTURAL DRAWING IS PREPARED  
NO PART OF THE DRAWING SHOULD BE  
WITHOUT THE CONSENT OF THE FIRM

DESIGNED BY: S. BASAK  
DEALT BY: N. RAJ  
CHECKED BY: R. CHAKRABORTY

SCALE 1:100 SHEET NO. STR/02A DATE: 15/01/2025