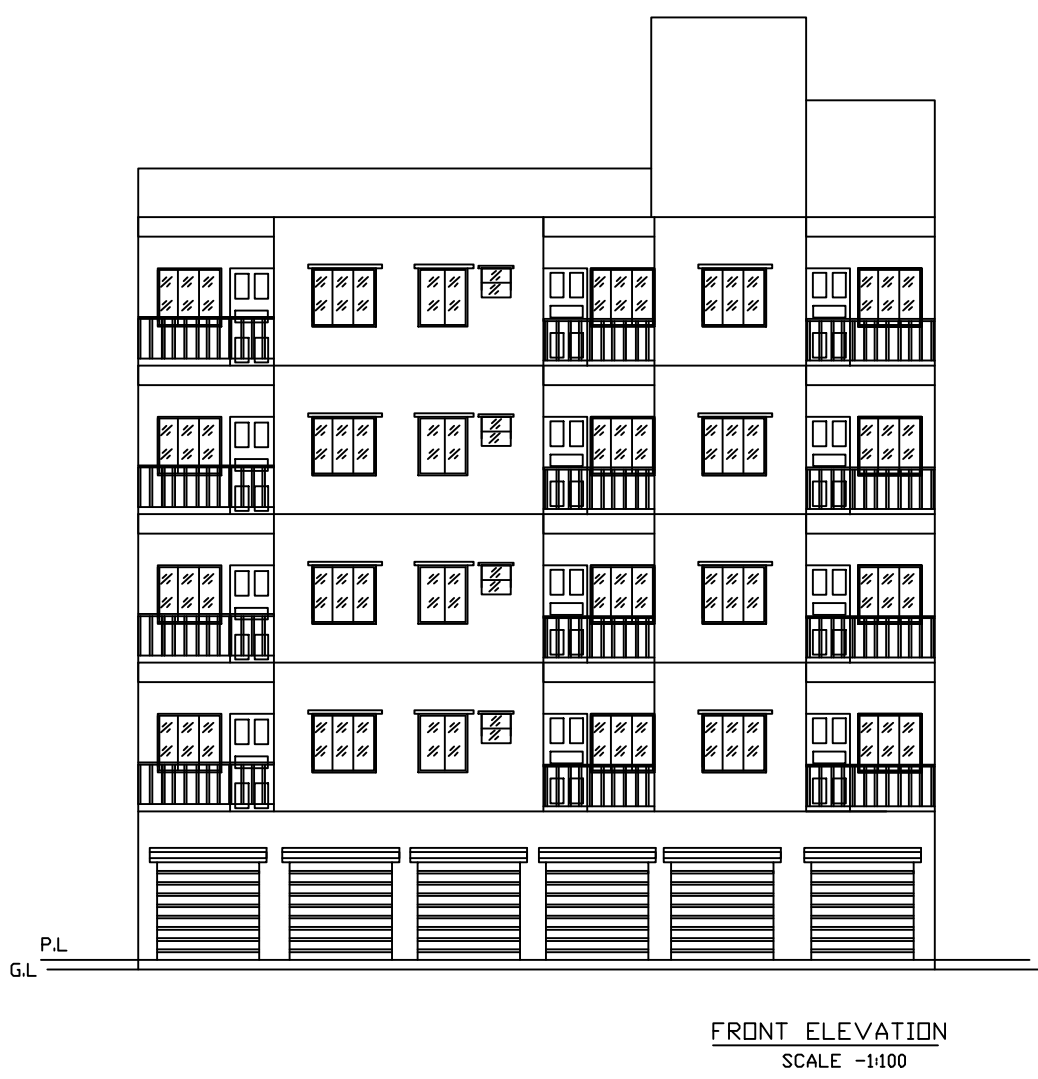
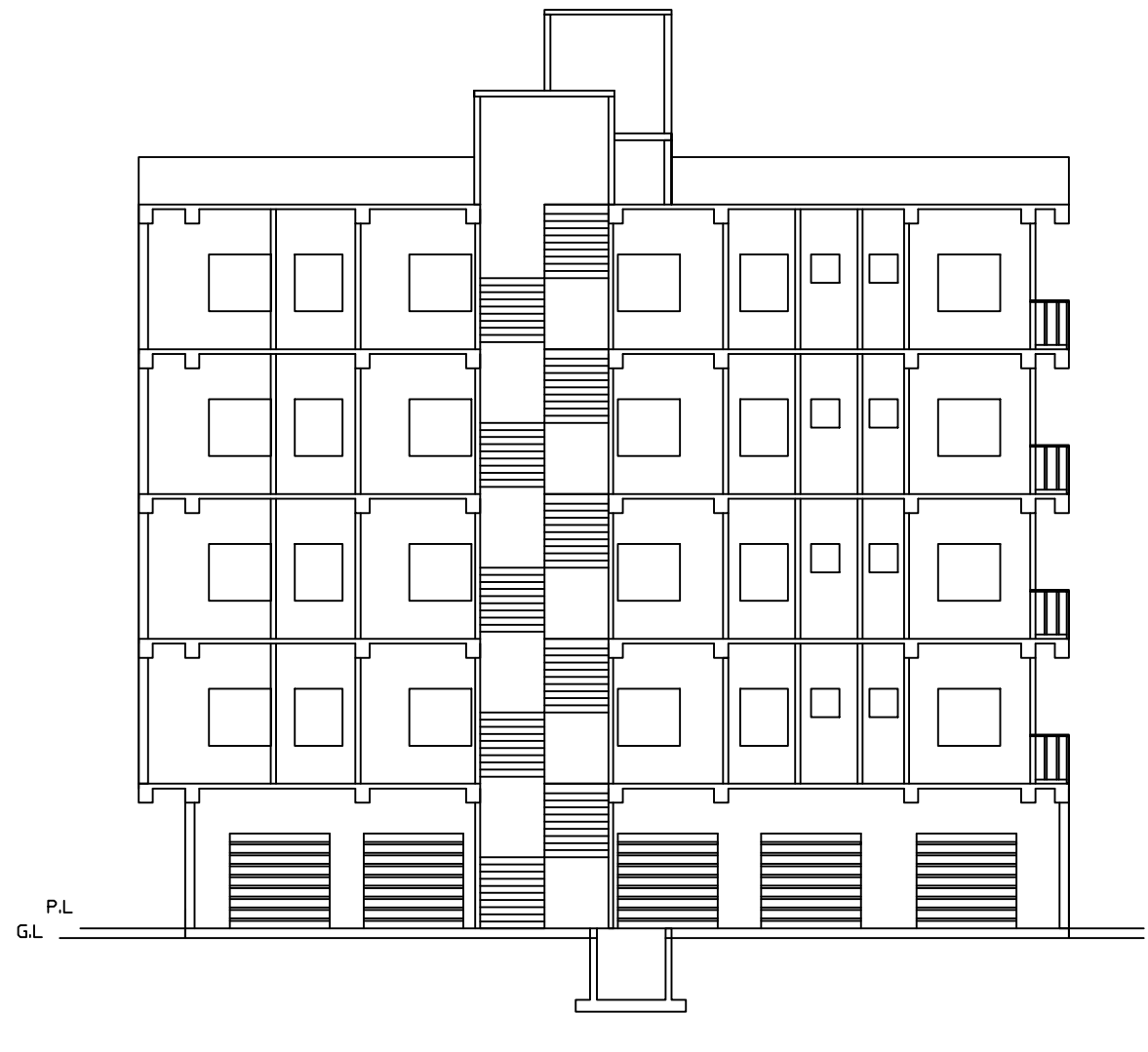


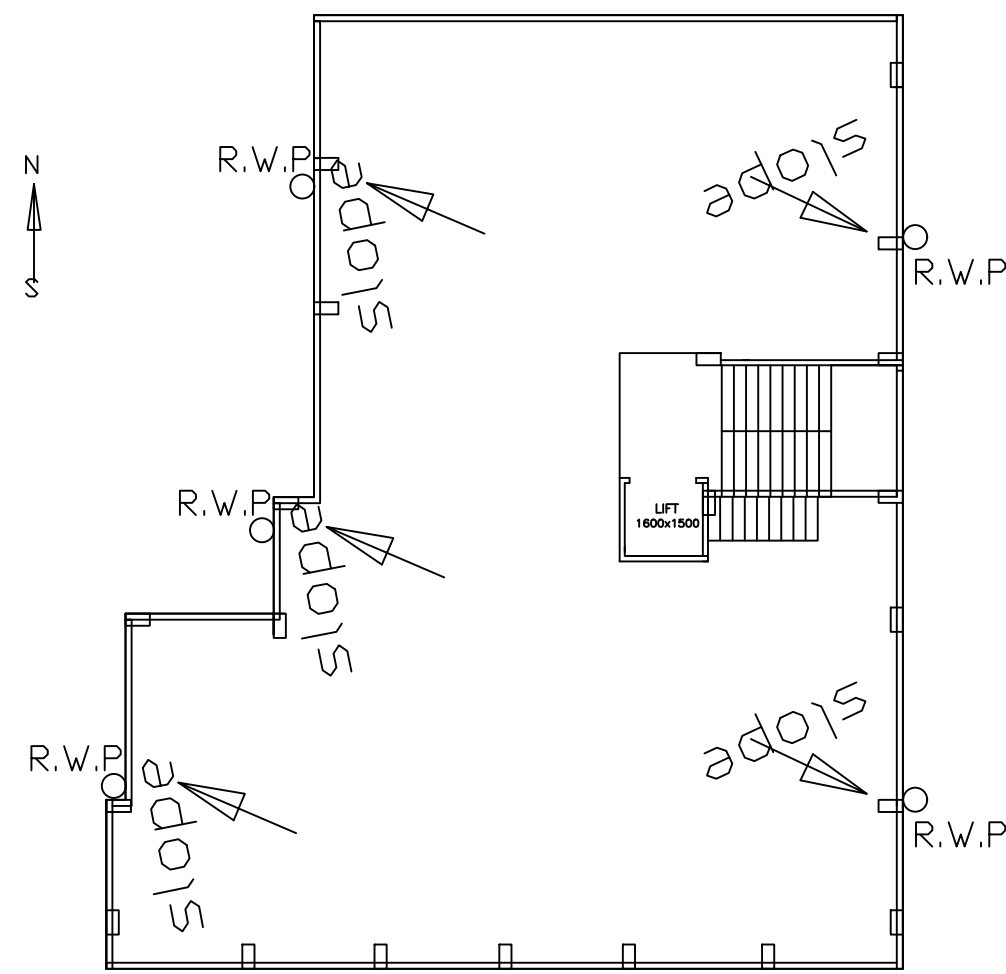
PROPOSED PLAN FOR G+4 FLOOR RESIDENCIAL/OTHER USE PLAN OF "TEJASWINI TOWER" OF SOMNATH DEY S/O DILIP KUMAR DEY AND ANJAN MITRA S/O DEBIDAS MITRA (ARCHITECTURAL DRAWING) AT UKILPARA DAG . R.S 2233 & .L.R 7496 (NEAR BALLAV MEDICAL ) KH.NO 32445, 32525 & 32532 MOUZA BISHNUPUR MUNICIPALITY J.L NO. 101 UNDER BISHNUPUR MUNICIPALITY WARD NO:-19 HOLDING NO:- 608/1/D & 608/1 DIST. BANKURA. WEST BENGAL.



FRONT ELEVATION  
SCALE -1/100



SECTION AT-A-A'  
SCALE -1/10



ROOF PLAN  
SCALE -1/100

AREA OF LAND- 537.52 SQ.M.  
COVERED AREA G.F - 168.72 SQ.M.  
COVERED AREA G.F.COMMERCIAL- 87.89 SQ.M.  
COVERED AREA 1ST. FLOOR RESIDENCIAL- 268.46 SQ.M.  
COVERED AREA 2ND.& 3RD FLOOR RESIDENCIAL- 536.92 SQ.M.  
COVERED AREA 4TH FLOOR RESIDENCIAL-268.46 SQ.M.

| SCHEDULE OF DOOR & WINDOW |        |   |      |
|---------------------------|--------|---|------|
| D                         | 1050   | X | 200  |
| D1                        | 0.90   | X | 2.00 |
| W                         | 1.50   | X | 1.20 |
| W1                        | 1.050  | X | 1.20 |
| W2                        | 1.00   | X | 1.00 |
| V                         | 0.8    | X | 0.5  |
| D3/D2                     | .75    | X | 2    |
| S                         | SHDP   |   |      |
| G                         | GDDOWN |   |      |

- CIVIL ENGINEERING NOTE .
1. P.C.C. MUST BE USED 75 MM THICK .
  2. MIN GRADE CONCRETE USED IN P.C.C. M-10 C 1366 .
  3. MIN VIB OF FOOTING 250 MM .
  4. CLEAR COVER MENTION OF ALL ITEMS FOOTING +50 MM COLUMN -40 MM
  5. ALL R.C.C WORK MIN GRADE OF CONCRETE M-20 . 1 ; 1.5 ; 3
  6. HYSD HIGH YIELD STRENGTH DEFORMED BAR USED FE 415. FE 500.
  7. OUTSIDE PLASTER 15 MM ; INSIDE PLASTER -12 MM . CEILING - PLASTER 6 MM.
  8. WATER CEMENT RATIO ALWAYS < 0.4 TO 0.6 )

DRAWN BY

NEWTAN MALLICK  
REGISTRATION NO. 11/2015  
ADDRESS:  
BISHNUPUR, BALAJI TOWER  
BLOCK A (NEAR BUS STAND)

OWNERS SIGNATURE

STRUCTURAL ENGINEER SIGNATURE

COLOUR INDEX

- PROPOSED WORK
- ROAD
- PROPERTY LINE
- SURFACE DRAIN

#### NOTES:-

##### A. GENERAL:

1. ALL DIMENSIONS ARE IN METRES AND LEVELS ARE IN METRE.
2. DRAWINGS SHALL NOT BE SCALED. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
3. ALL FOUNDATIONS SHALL BE REST ON VIRGIN SOIL OR ON THOROUGHLY COMPACTED SOIL AS PER SPECIFICATION. WHENEVER THE SOIL CONTAIN THE LOOSE SOIL POCKETS, THE SAME SHALL BE REMOVED AND REFILLED WITH THE P.C.C.

##### B. CONCRETE WORK:

1. ALL CONCRETE WORK SHALL BE AS PER IS 456 (LATEST REVISION)
2. ALL STRUCTURAL REINFORCED CONCRETE WORK SHALL BE WITH DESIGN MIX CONCRETE OF GRADE AS FOLLOWS UNLESS NOTED OTHERWISE.
  - a). THE GRADE CONC. FOR SUB & SUPER STRUCTURES ARE M-25
3. PLAIN CONCRETE WORK SHALL BE OF THE FOLLOWING GRADES OF NOMINAL MIX CONCRETE:
  - a). 1:5:10 PLUM CONCRETE FOR FILLING CONCRETE UNDER FOUNDATION (WITH MAXIMUM AGGREGATE SIZE OF 40 MM.) AND AS, PIT, TRENCHES ETC.
  - b). M-15 FOR LEAN CONCRETE BELOW FOUNDATIONS & PLINTH PROTECTION
4. THE MINIMUM CLEAR COVER FOR PROTECTION OF MAIN REINFORCEMENT SHALL BE AS FOLLOWS
5. THE STRUCTURAL DESIGNER IS RESPONSIBLE FOR THE DESIGN ONLY THE CONSTRUCTION SUPERVISION FALLS OUT SIDE THE PREVIEW OF DESIGNER.

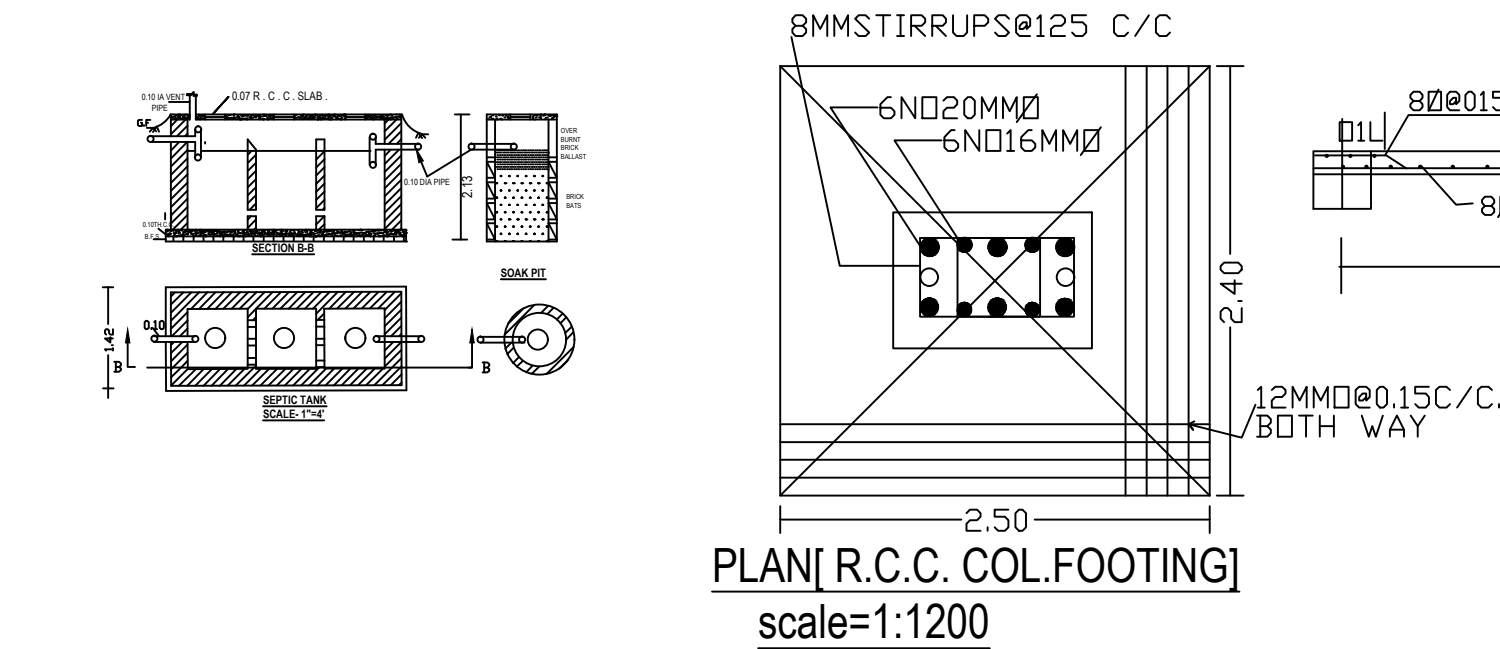
| STRUCTURAL ELEMENT | COVER IN MM |        |       |
|--------------------|-------------|--------|-------|
|                    | TOP         | BOTTOM | SIDES |
| a). PLINTH BEAM    | 25          | 40     | 40    |
| b). COLUMNS        | 50          | 50     | 40    |
| c). SLAB ON GRADE  | 20          | 25     | 25    |
| d). FLOOR BEAM     | 25          | 25     | 25    |
| e). SLAB           | 20          | 20     | 20    |
| f). FOUNDATION     | 50          | 50     | 50    |

##### C. REINFORCEMENTS:

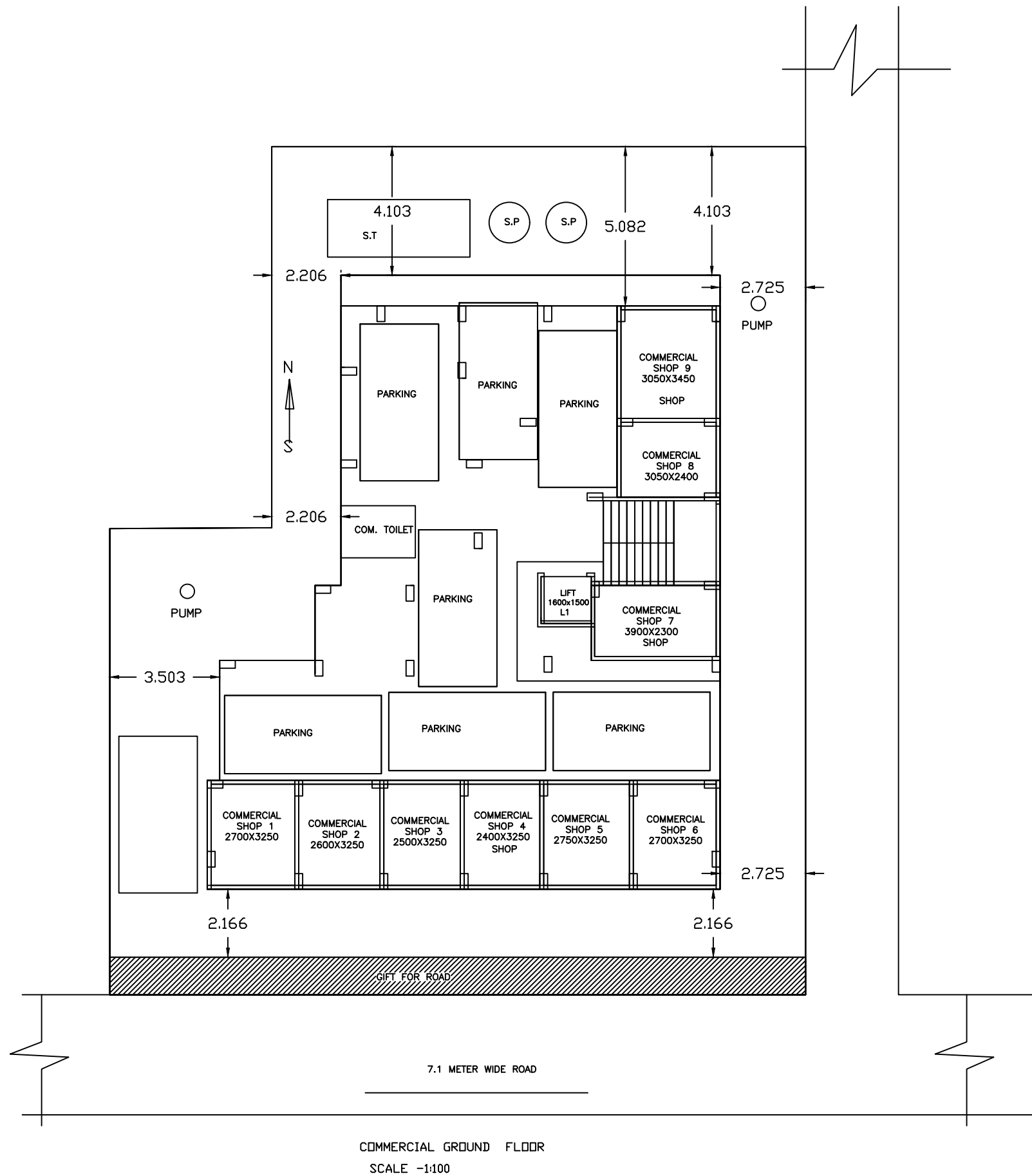
1. ALL REINFORCING STEEL SHALL BE OF TESTED QUALITY.
2. (a). HIGH YIELD STRENGTH DEFORMED BAR REINFORCEMENT (YIELD STRESS  $F_y \geq 500 \text{ N/MM}^2$ ) SHALL CONFORM TO IS-1786. (LATEST REVISION)
3. LAPS AND SPLICES OF REINFORCEMENT TO SUIT AVAILABLE LENGTH OF BARS SHALL BE MADE AS SHOWN ON THE DRAWINGS OR APPROVED BY THE THE ENGINEER AT SITE.
4. ALL HOOKS, BENDS, LAPS AND SPLICES SHALL BE AS PER IS-2502.
5. THE LAP/ANCHORAGE LENGTH OF BARS OF DIAMETER 'D' SHALL BE AS FOLLOWS:-

| CONCRETE GRADE | DEFORMED BARS |             |
|----------------|---------------|-------------|
|                | TENSION       | COMPRESSION |
| M-25           | 41XD          | 33XD        |

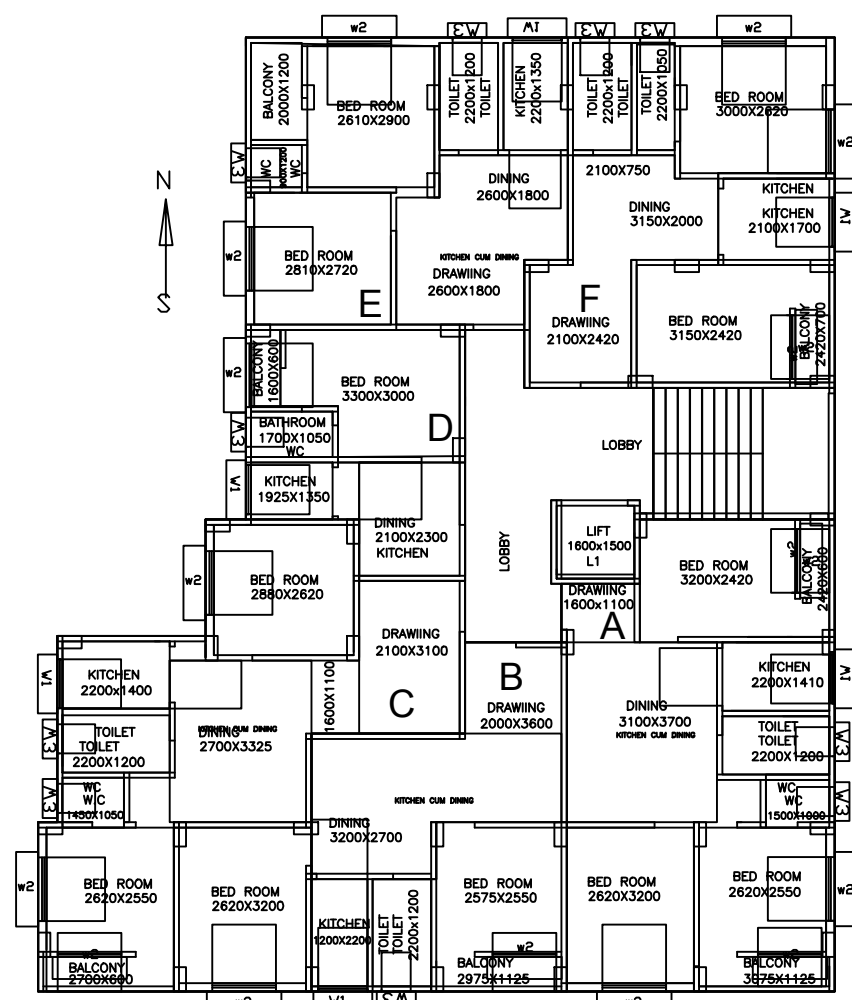
6. LAPPING OF BARS SHALL BE SUITABLY STAGGERED AND IN NO CASE MORE THAN 50 % BARS SHALL BE LAPPED AT ANY SECTION.



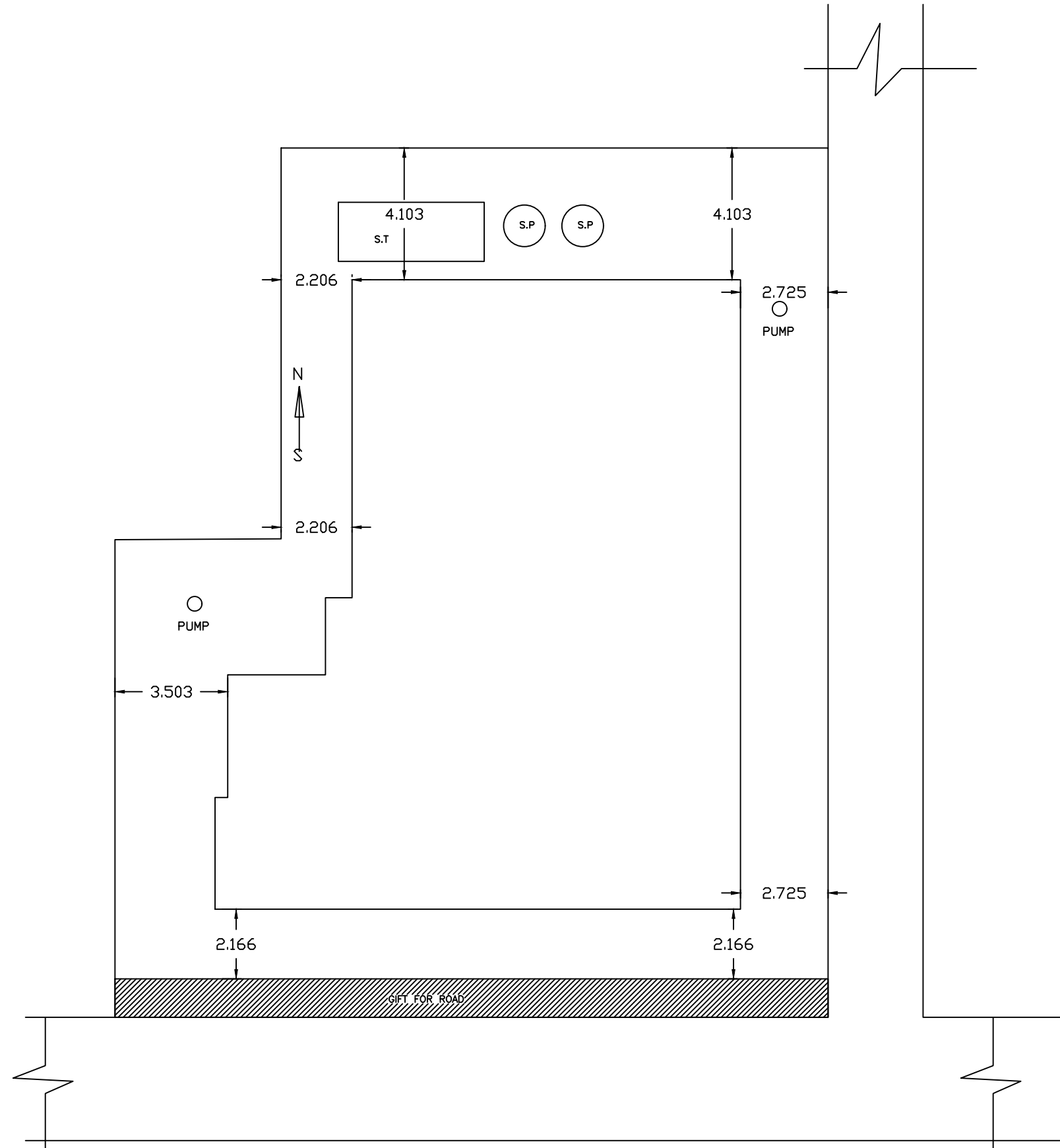
DETAILS OF SLAB REINFORCEMENT



COMMERCIAL GROUND FLOOR  
SCALE -1/100



1ST. TO 4TH. FLOOR  
SCALE -1/100  
FLOOR01,FLOOR02,FLOOR03,FLOOR04-TYPICAL



SITE PLAN  
SCALE -1/100

