

| STP REQUIREMENT |                     |                           |                        |       |                     |     |          |     |                         |                 |              |            |                         |                   |                             |        |
|-----------------|---------------------|---------------------------|------------------------|-------|---------------------|-----|----------|-----|-------------------------|-----------------|--------------|------------|-------------------------|-------------------|-----------------------------|--------|
| DESCRIPTION     | POPULATION PER UNIT | TOTAL POPULATION (APPROX) | COLD WATER REQUIREMENT |       |                     |     |          |     | GROSS WATER REQUIREMENT | % FLOW TO SEWER |              | TOTAL FLOW | TOTAL REQUIRED CAPACITY | PROPOSED STP SIZE |                             |        |
|                 |                     |                           | FLUSHING               |       | ADDITIONAL FLUSHING |     | DOMESTIC |     | (A+B+C)                 | FLUSHING 100%   | DOMESTIC 85% |            |                         |                   |                             |        |
|                 |                     |                           | (A)                    |       | (B)                 |     | (C)      |     |                         |                 |              |            |                         |                   |                             |        |
|                 |                     |                           | LPD                    | LPD   | No. Of Add. Tol.    | LPD | LPD      | LPD | LPD                     |                 |              |            |                         |                   | LPD                         |        |
| SHOPS ( 09 )    | 3                   | 27                        | 45                     | 1215  | 0                   | 180 | 0        | 90  | 2430                    | 3645            | 1115         | 2065.5     | 3280.50                 | 3.281             | AREA = 102.80 SQM. HT. 5.0M |        |
| FLATS ( 41 )    | 5                   | 205                       | 54                     | 11070 | 44                  | 180 | 7920     | 135 | 27675                   | 46665           | 18990        | 23523.75   | 42513.75                | 42.514            |                             |        |
| TOTAL           |                     |                           |                        |       |                     |     |          |     |                         |                 |              |            |                         |                   |                             | 45.794 |

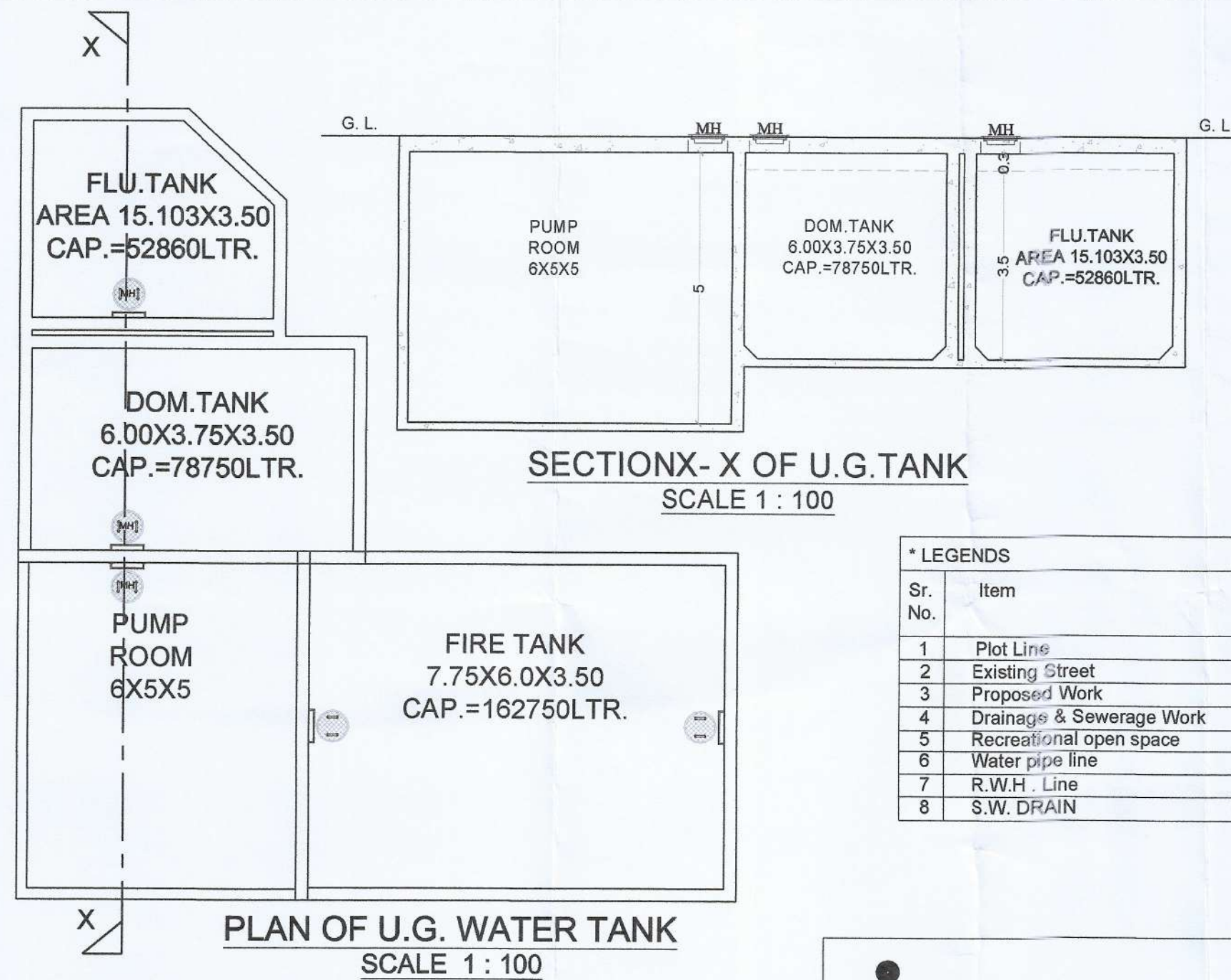
| WATER CAPACITY CALCULATION ( U. G. WATER TANK RESIDENTIAL UNITS ) |           |                             |                      |                            |                                    |                            |                        |                                     |        |        |
|-------------------------------------------------------------------|-----------|-----------------------------|----------------------|----------------------------|------------------------------------|----------------------------|------------------------|-------------------------------------|--------|--------|
| BUILDING                                                          | FLAT Nos. | REQUIRED DOMESTIC 135 LTRS. | TOTAL DOM. LTRS. (A) | REQUIRED FLUSHING 54 LTRS. | ADDITIONAL TOILET 180 LTR. PER SIT | TOTAL FLUSHING LTRS. ( B ) | TOTAL FIRE LTRS. ( C ) | TOTAL LITRES ( RES. ) ( A + B + C ) |        |        |
| 1                                                                 | 41        | 135 X 41 X 5                | 27675                | 54 X 41 X 5                | 11070                              | 180 X 44                   | 7920                   | 18990                               | 196665 |        |
| TOTAL                                                             | 41        |                             | 27675                |                            | 11070                              |                            | 7920                   | 18990                               | 150000 | 196665 |

| WATER CAPACITY CALCULATION ( U. G. WATER TANK COMMERCIAL UNITS ) |           |                            |                      |                            |      |                            |      |                        |                                  |
|------------------------------------------------------------------|-----------|----------------------------|----------------------|----------------------------|------|----------------------------|------|------------------------|----------------------------------|
| BUILDING                                                         | SHOP Nos. | REQUIRED DOMESTIC 90 LTRS. | TOTAL DOM. LTRS. (A) | REQUIRED FLUSHING 45 LTRS. |      | TOTAL FLUSHING LTRS. ( B ) |      | TOTAL FIRE LTRS. ( C ) | TOTAL LITRES ( COMM. ) ( A + B ) |
| 1                                                                | 9         | 90 X 9 X 3                 | 2430                 | 45 X 9 X 3                 | 1215 |                            | 1215 | -                      | 3645                             |
| TOTAL                                                            | 9         |                            | 2430                 |                            | 1215 |                            | 1215 |                        | 3645                             |

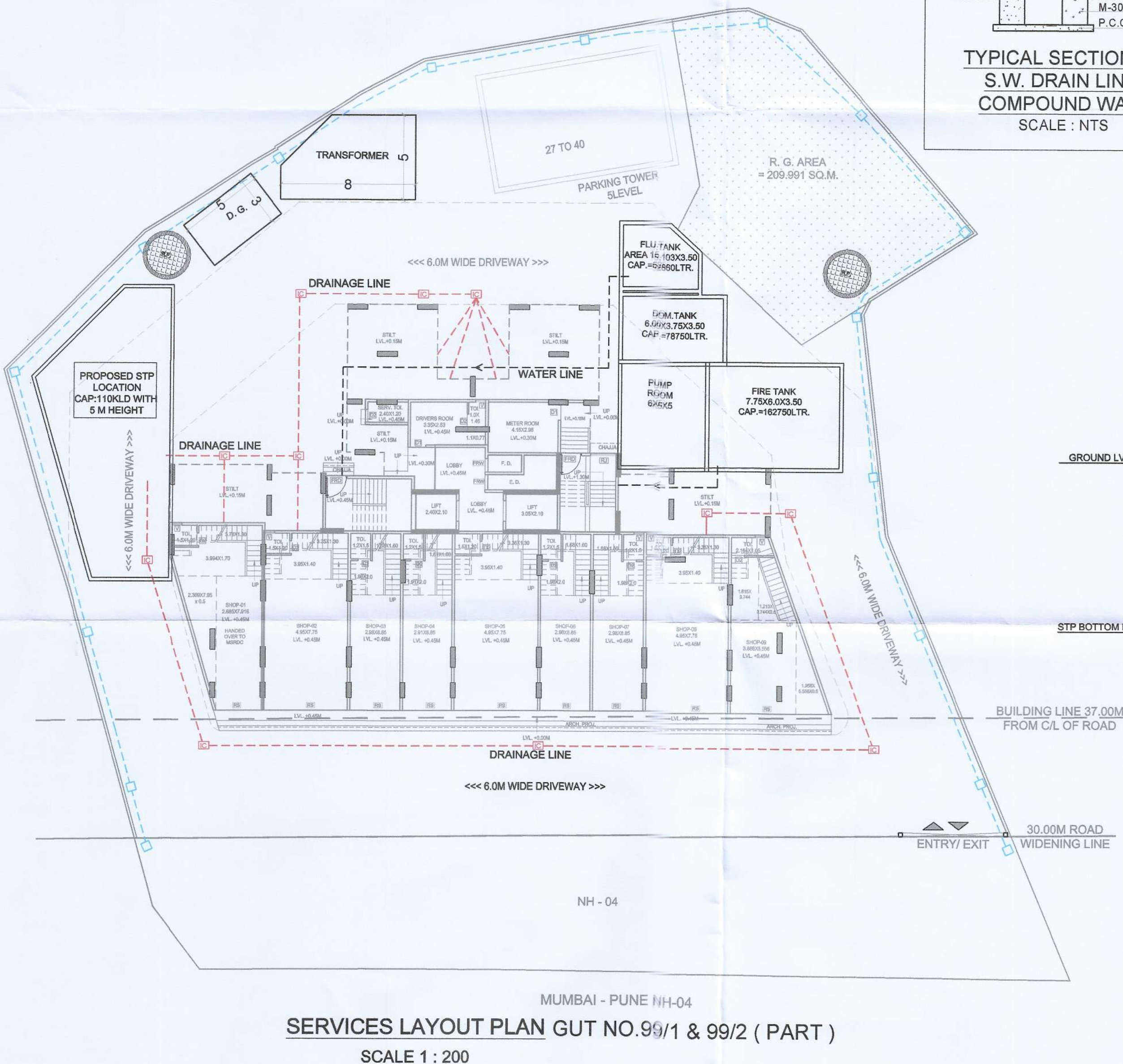
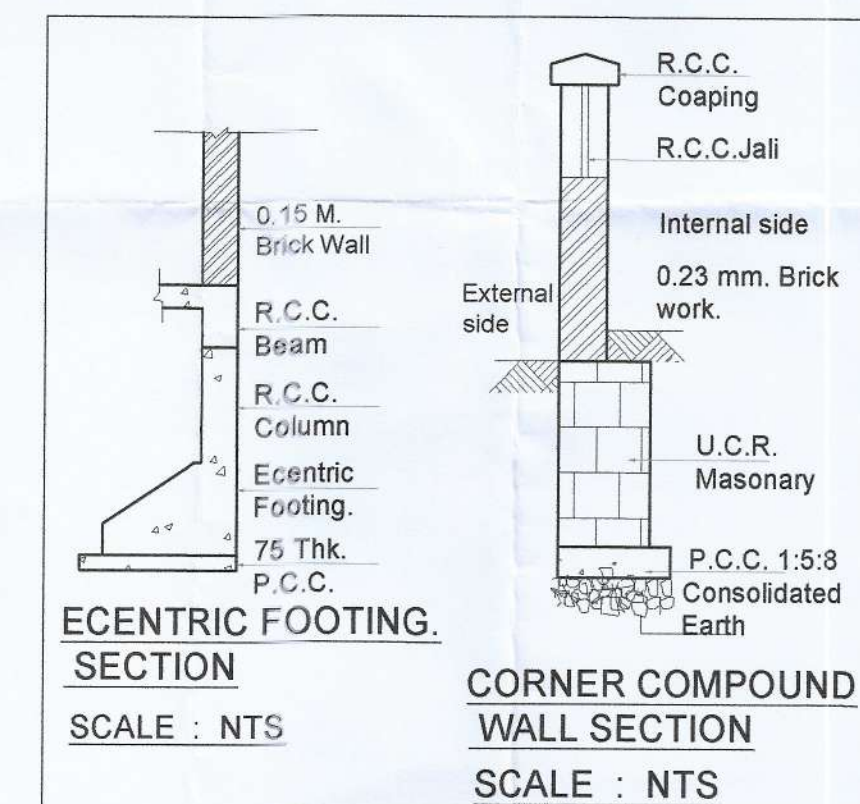
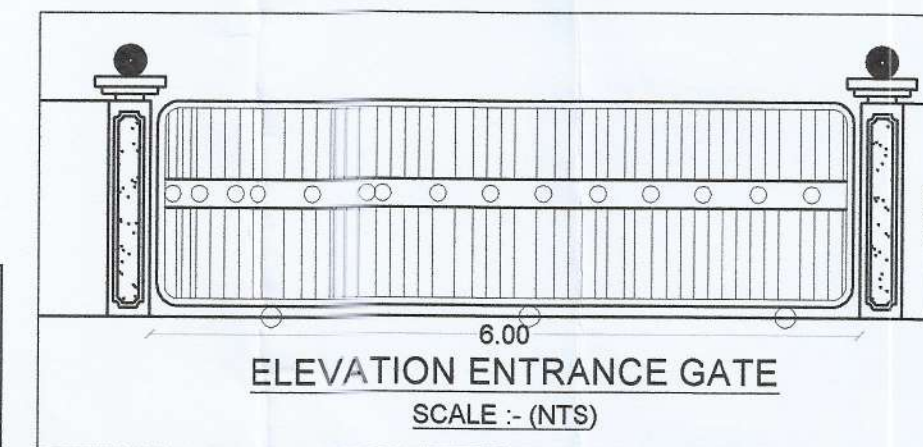
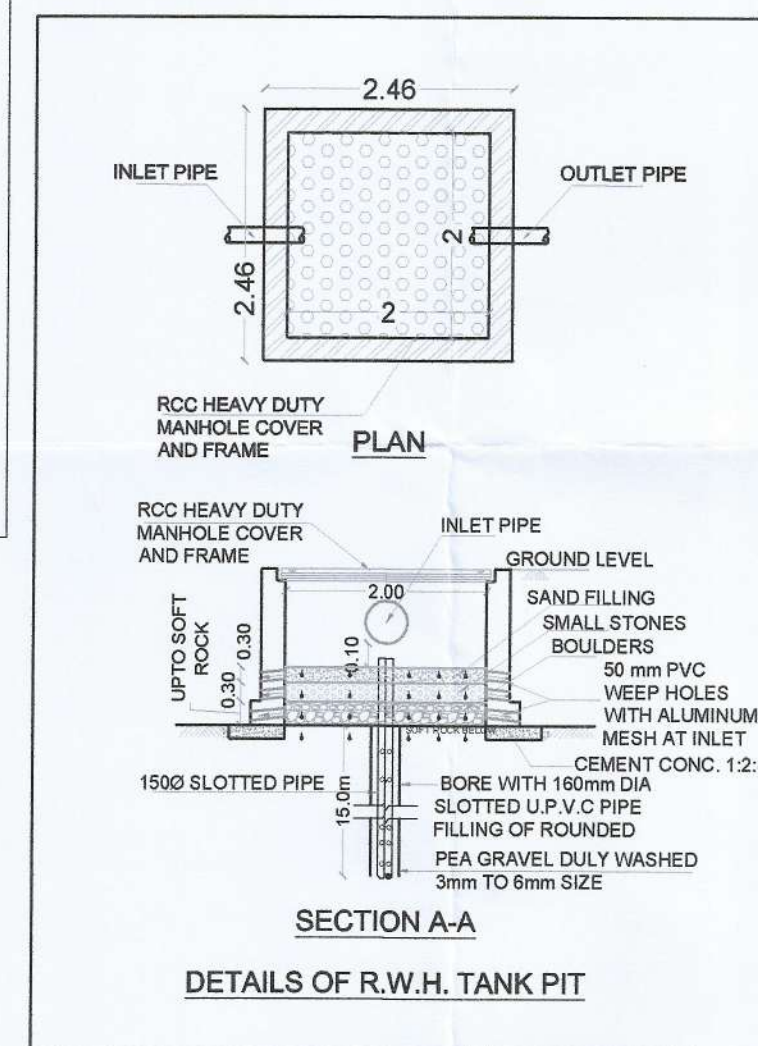
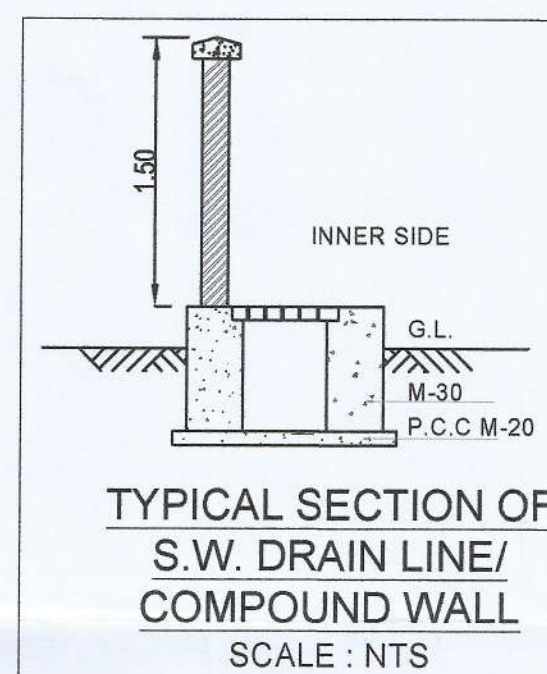
| U.G. WATER TANK TOTAL CAPACITY ( RESIDENTIAL & COMMERCIAL UNITS ) |                           |         |         |
|-------------------------------------------------------------------|---------------------------|---------|---------|
|                                                                   |                           |         | 200310  |
| ( U.G. WATER TANK-1 )                                             |                           |         |         |
| DOMESTIC TANK                                                     | 6.00 X 3.75 X 3.50        | 78.750  | 78.750  |
| FLUSHING TANK                                                     | AREA 15.103SQM. X 3.50HT. | 52.860  | 52.860  |
| FIRE TANK                                                         | 7.75 X 6.00 X 3.50        | 162.750 | 162.750 |
| TOTAL PROVIDED WATER CAPACITY                                     |                           |         | 294360  |

| CALCULATION OF ROOF TOP PHOTOVOLTAIC (RTPV) SYSTEM |              |
|----------------------------------------------------|--------------|
|                                                    | AREA IN SQ.M |
| TOTAL TERRACE AREA                                 | 470.792      |
| AREA REQUIRED FOR RTPV (25% OF ROOF AREA)          | 117.698      |
| AREA PROPOSED FOR RTPV                             | 118.00       |
| SOLAR PANEL DETAILS                                |              |
| SIZE OF SINGLE SOLAR PANEL                         | 2.00X1.00    |
| AREA OF SINGLE SOLAR PANEL                         | 2            |
| NO. OF SOLAR PANEL PROVIDED                        | 59           |
| AREA OF PROPOSED SOLAR PANEL                       | 118.00       |

| PROPOSED O.H. WATER TANK |                    |             |                        |
|--------------------------|--------------------|-------------|------------------------|
| (DOM. TANK)              | 3.37 X 2.00 X 2.74 | 18.468      | CAPACITY-18467.6LTRS   |
|                          | 2.94 X 2.00 X 1.53 | 8.996       | CAPACITY- 8996.40 LTRS |
| (FLU. TANK)              | 3.00 X 2.00 X 2.94 | 17.640      | CAPACITY- 17640 LTRS   |
| (FIRE. TANK)             | 3.37 X 2.00 X 3.75 | 25.275      | CAPACITY- 25,275 LTRS  |
| TOTAL                    | 70.379             | 70379 LTRS. |                        |



| Sr. No. | Item                     | Site Plan color print |
|---------|--------------------------|-----------------------|
| 1       | Plot Line                | —                     |
| 2       | Existing Street          | —                     |
| 3       | Proposed Work            | —                     |
| 4       | Drainage & Sewerage Work | —                     |
| 5       | Recreational open space  | —                     |
| 6       | Water pipe line          | —                     |
| 7       | R.W.H. Line              | —                     |
| 8       | S.W. DRAIN               | —                     |



STAMP OF APPROVAL

02/05

SERVICE LAYOUT

SPECIAL PLANNING AUTHORITY,  
MAHARASHTRA STATE ROAD DEVELOPMENT  
CORPORATION LTD.

DEVELOPMENT PERMISSION APPROVED under  
Section 45 of Maharashtra Regional & Town Planning  
Act, 1966 subject to conditions mentioned in this office's  
Letter No. MSRDC/SPA/Rajoli/Panvel/BP-460/  
CC/2025/237 Dated 08/07/2025  
(For Residential Purpose)

Asst. Director MSRDC

CONTENTS OF SHEET

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2 U.G. WATER TANK REQUIREMENT

3 PROPOSED O.H. WATER TANK

4 U.G. TANK SECTION

5 R. W. H. TANK SECTION

NOTE - ALL DIMENSIONS ARE IN METER.

TENEMENT STATEMENT

COMMERCIAL

1) Total Nos of Shops 09 Shop

RESIDENTIAL

1) Total Nos of Units 41 Nos

NAME OF THE OWNER & SIGNATURE

M/S. MAA VAISHNODEVI HOMES

MAA VAISHNODEVI HOMES

Uddhagang Partner

(Name & Signature of Owner)

Office No. Shop No. 24, Shreeji Plaza,  
Plot No. 24, Sector 25, Nerul (East), Navi  
Mumbai,

DESCRIPTION OF PROPOSAL & PROPERTY

PROPOSED COMMERCIAL CUM RESIDENTIAL  
BUILDING ON GUT NO. 99/1, 99/2(P) AT  
VILLAGE -AJIVALI ,TAL. PANVEL,  
DIST.-RAIGAD.

ARCHITECT NAME & SIGN

NEHA JAIN

REG NO : CA/2008/43603

DATE 04-07-2025

DRAWN. BY VAIBHAV

CHKD. BY N. J.

SCALE AS SHOWN

NORTH

AN.ARCH

ARCHITECT & PLANNERS

Office no.20&21,-Raheja Arcade,  
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mail i.d-anarch.architect@gmail.com

DESIGN WITH A  
DIFFERENCE