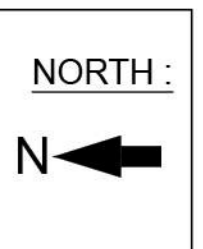


| DESIGN OF SEWER NETWORK |                   |       |       |                  |               |           |      |       |      |           |       |      |     |
|-------------------------|-------------------|-------|-------|------------------|---------------|-----------|------|-------|------|-----------|-------|------|-----|
| Drain<br>Conduct<br>e   | Length of<br>Pipe | Width | Slope | Average<br>Depth | Total<br>Fall | Upper end |      |       |      | Lower end |       |      |     |
|                         |                   |       |       |                  |               | From      | To   | (m)   | (m)  | (m)       | (m)   | (m)  | (m) |
| A1                      | A2                | 10    | 0.200 | 200              | 0.33          | 0.05      | 0.00 | -0.30 | 0.30 | 0.00      | -0.35 | 0.35 |     |
| A2                      | A3                | 17    | 0.200 | 200              | 0.39          | 0.09      | 0.00 | -0.35 | 0.35 | 0.00      | -0.44 | 0.44 |     |
| A3                      | A4                | 17    | 0.200 | 200              | 0.48          | 0.09      | 0.00 | -0.44 | 0.44 | 0.00      | -0.52 | 0.52 |     |
| A4                      | A5                | 17    | 0.200 | 200              | 0.56          | 0.09      | 0.00 | -0.52 | 0.52 | 0.00      | -0.61 | 0.61 |     |
| A5                      | A6                | 17    | 0.200 | 200              | 0.65          | 0.09      | 0.00 | -0.61 | 0.61 | 0.00      | -0.69 | 0.69 |     |
| A6                      | A7                | 17    | 0.200 | 200              | 0.73          | 0.09      | 0.00 | -0.69 | 0.69 | 0.00      | -0.78 | 0.78 |     |
| A7                      | A8                | 17    | 0.200 | 200              | 0.82          | 0.09      | 0.00 | -0.78 | 0.78 | 0.00      | -0.86 | 0.86 |     |
| A8                      | A9                | 17    | 0.200 | 200              | 0.90          | 0.09      | 0.00 | -0.86 | 0.86 | 0.00      | -0.95 | 0.95 |     |
| A9                      | A10               | 17    | 0.200 | 200              | 0.99          | 0.09      | 0.00 | -0.95 | 0.95 | 0.00      | -1.03 | 1.03 |     |
| A10                     | A11               | 17    | 0.200 | 200              | 1.07          | 0.09      | 0.00 | -1.03 | 1.03 | 0.00      | -1.12 | 1.12 |     |
| A11                     | A12               | 15    | 0.200 | 200              | 1.15          | 0.08      | 0.00 | -1.12 | 1.12 | 0.00      | -1.19 | 1.19 |     |
| A12                     | A13               | 11    | 0.200 | 200              | 1.22          | 0.06      | 0.00 | -1.19 | 1.19 | 0.00      | -1.25 | 1.25 |     |
| A13                     | A14               | 10    | 0.200 | 200              | 1.27          | 0.05      | 0.00 | -1.25 | 1.25 | 0.00      | -1.30 | 1.30 |     |
| A14                     | A15               | 16    | 0.200 | 200              | 1.34          | 0.08      | 0.00 | -1.30 | 1.30 | 0.00      | -1.38 | 1.38 |     |
| A15                     | A16               | 20    | 0.200 | 200              | 1.44          | 0.10      | 0.00 | -1.38 | 1.38 | 0.00      | -1.49 | 1.49 |     |
| A16                     | A17               | 14    | 0.200 | 200              | 1.52          | 0.07      | 0.00 | -1.49 | 1.49 | 0.00      | -1.56 | 1.56 |     |
| A17                     | A18               | 17    | 0.200 | 200              | 1.60          | 0.09      | 0.00 | -1.56 | 1.56 | 0.00      | -1.64 | 1.64 |     |
| A18                     | A19               | 8     | 0.200 | 200              | 1.66          | 0.04      | 0.00 | -1.64 | 1.64 | 0.00      | -1.68 | 1.68 |     |
| A19                     | A20               | 24    | 0.200 | 200              | 1.74          | 0.12      | 0.00 | -1.68 | 1.68 | 0.00      | -1.80 | 1.80 |     |
| A20                     | A21               | 20    | 0.300 | 200              | 1.85          | 0.10      | 0.00 | -1.80 | 1.80 | 0.00      | -1.90 | 1.90 |     |
| B1                      | B2                | 13    | 0.200 | 200              | 0.18          | 0.07      | 0.00 | -0.15 | 0.15 | 0.00      | -0.22 | 0.22 |     |
| B2                      | B3                | 11    | 0.200 | 200              | 0.24          | 0.06      | 0.00 | -0.22 | 0.22 | 0.00      | -0.27 | 0.27 |     |
| B3                      | B4                | 9     | 0.200 | 200              | 0.29          | 0.05      | 0.00 | -0.27 | 0.27 | 0.00      | -0.32 | 0.32 |     |
| B4                      | B5                | 16    | 0.200 | 200              | 0.36          | 0.08      | 0.00 | -0.32 | 0.32 | 0.00      | -0.40 | 0.40 |     |
| B5                      | B6                | 13    | 0.200 | 200              | 0.43          | 0.07      | 0.00 | -0.40 | 0.40 | 0.00      | -0.46 | 0.46 |     |
| B6                      | B7                | 12    | 0.200 | 200              | 0.49          | 0.06      | 0.00 | -0.46 | 0.46 | 0.00      | -0.52 | 0.52 |     |
| B7                      | B8                | 13    | 0.200 | 200              | 0.55          | 0.07      | 0.00 | -0.52 | 0.52 | 0.00      | -0.59 | 0.59 |     |
| B8                      | B9                | 15    | 0.200 | 200              | 0.62          | 0.08      | 0.00 | -0.59 | 0.59 | 0.00      | -0.66 | 0.66 |     |
| B9                      | B10               | 14    | 0.200 | 200              | 0.70          | 0.07      | 0.00 | -0.66 | 0.66 | 0.00      | -0.73 | 0.73 |     |
| B10                     | B11               | 17    | 0.200 | 200              | 0.77          | 0.09      | 0.00 | -0.73 | 0.73 | 0.00      | -0.82 | 0.82 |     |
| B11                     | B12               | 17    | 0.200 | 200              | 0.86          | 0.09      | 0.00 | -0.82 | 0.82 | 0.00      | -0.90 | 0.90 |     |
| B12                     | B13               | 17    | 0.200 | 200              | 0.94          | 0.09      | 0.00 | -0.90 | 0.90 | 0.00      | -0.99 | 0.99 |     |
| B13                     | B14               | 20    | 0.200 | 200              | 1.04          | 0.10      | 0.00 | -0.99 | 0.99 | 0.00      | -1.09 | 1.09 |     |
| B14                     | B15               | 11    | 0.200 | 200              | 1.11          | 0.06      | 0.00 | -1.09 | 1.09 | 0.00      | -1.14 | 1.14 |     |
| B15                     | B16               | 17    | 0.200 | 200              | 1.18          | 0.09      | 0.00 | -1.14 | 1.14 | 0.00      | -1.23 | 1.23 |     |
| B16                     | B17               | 17    | 0.200 | 200              | 1.27          | 0.09      | 0.00 | -1.23 | 1.23 | 0.00      | -1.31 | 1.31 |     |
| B17                     | B18               | 17    | 0.200 | 200              | 1.35          | 0.09      | 0.00 | -1.31 | 1.31 | 0.00      | -1.40 | 1.40 |     |
| B18                     | B19               | 17    | 0.200 | 200              | 1.44          | 0.09      | 0.00 | -1.40 | 1.40 | 0.00      | -1.48 | 1.48 |     |
| B19                     | B20               | 17    | 0.200 | 200              | 1.52          | 0.09      | 0.00 | -1.48 | 1.48 | 0.00      | -1.57 | 1.57 |     |
| B20                     | A21               | 18    | 0.200 | 200              | 1.61          | 0.09      | 0.00 | -1.57 | 1.57 | 0.00      | -1.66 | 1.66 |     |
| C1                      | C2                | 17    | 0.150 | 100              | 0.24          | 0.17      | 0.00 | -0.15 | 0.15 | 0.00      | -0.32 | 0.32 |     |
| C2                      | C3                | 17    | 0.150 | 100              | 0.41          | 0.17      | 0.00 | -0.32 | 0.32 | 0.00      | -0.49 | 0.49 |     |
| C3                      | C4                | 17    | 0.150 | 100              | 0.58          | 0.17      | 0.00 | -0.49 | 0.49 | 0.00      | -0.66 | 0.66 |     |
| C4                      | C5                | 17    | 0.150 | 100              | 0.75          | 0.17      | 0.00 | -0.66 | 0.66 | 0.00      | -0.83 | 0.83 |     |
| C5                      | C6                | 17    | 0.150 | 100              | 0.92          | 0.17      | 0.00 | -0.83 | 0.83 | 0.00      | -1.00 | 1.00 |     |
| C6                      | A16               | 18    | 0.150 | 100              | 1.06          | 0.18      | 0.00 | -1.00 | 1.00 | 0.00      | -1.12 | 1.12 |     |
| D1                      | D2                | 17    | 0.150 | 100              | 0.24          | 0.17      | 0.00 | -0.15 | 0.15 | 0.00      | -0.32 | 0.32 |     |
| D2                      | D3                | 17    | 0.150 | 100              | 0.41          | 0.17      | 0.00 | -0.32 | 0.32 | 0.00      | -0.49 | 0.49 |     |
| D3                      | D4                | 17    | 0.150 | 100              | 0.58          | 0.17      | 0.00 | -0.49 | 0.49 | 0.00      | -0.66 | 0.66 |     |
| D4                      | D5                | 17    | 0.150 | 100              | 0.75          | 0.17      | 0.00 | -0.66 | 0.66 | 0.00      | -0.83 | 0.83 |     |
| D5                      | D6                | 17    | 0.150 | 100              | 0.92          | 0.17      | 0.00 | -0.83 | 0.83 | 0.00      | -1.00 | 1.00 |     |
| D6                      | A19               | 18    | 0.150 | 100              | 1.34          | 0.18      | 0.00 | -1.00 | 1.00 | 0.00      | -1.68 | 1.68 |     |
| E1                      | E2                | 17    | 0.150 | 100              | 0.24          | 0.17      | 0.00 | -0.15 | 0.15 | 0.00      | -0.32 | 0.32 |     |
| E2                      | E3                | 17    | 0.150 | 100              | 0.41          | 0.17      | 0.00 | -0.32 | 0.32 | 0.00      | -0.49 | 0.49 |     |
| E3                      | E4                | 17    | 0.150 | 100              | 0.58          | 0.17      | 0.00 | -0.49 | 0.49 | 0.00      | -0.66 | 0.66 |     |
| E4                      | E5                | 20    | 0.150 | 100              | 0.76          | 0.20      | 0.00 | -0.66 | 0.66 | 0.00      | -0.86 | 0.86 |     |
| E5                      | E6                | 37    | 0.150 | 100              | 1.05          | 0.37      | 0.00 | -0.86 | 0.86 | 0.00      | -1.23 | 1.23 |     |
| E6                      | B14               | 34    | 0.150 | 100              | 1.16          | 0.34      | 0.00 | -1.23 | 1.23 | 0.00      | -1.09 | 1.09 |     |
| F1                      | F2                | 17    | 0.150 | 100              | 0.24          | 0.17      | 0.00 | -0.15 | 0.15 | 0.00      | -0.32 | 0.32 |     |
| F2                      | F3                | 17    | 0.150 | 100              | 0.41          | 0.17      | 0.00 | -0.32 | 0.32 | 0.00      | -0.49 | 0.49 |     |
| F3                      | F4                | 17    | 0.150 | 100              | 0.58          | 0.17      | 0.00 | -0.49 | 0.49 | 0.00      | -0.66 | 0.66 |     |
| F4                      | E6                | 18    | 0.150 | 100              | 0.95          | 0.18      | 0.00 | -0.66 | 0.66 | 0.00      | -1.23 | 1.23 |     |



- NOTES- SEWERAGE**
- ALL DIMENSIONS ARE IN METER UNLESS NOTED OTHERWISE.
  - FOR PIPES SIZE, SLOPES, LEVELS ETC. REFER DRAWINGS.
  - ANY DISCREPANCY IN THE DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECTS/ CONSULTANTS.
  - ALL PIPES SHALL BE N.P.2. PIPES GRADE 'A' JOINED IN PROPORTION OF 1:1 WITH CEMENT CONCRETE BEDDING & CRADLE.
  - SEWER LINE LAYOUT IS INDICATIVE SEWER SHALL BE LAID ALIGNED AS PER ACTUAL ROAD SECTION AND LEVEL.
  - THIS DRAWING SHOULD BE READ IN CONJUNCTION AND OTHER RELEVANT ARCHITECTURAL, STRUCTURAL AND OTHER SERVICES DRAWINGS.
  - SEWER LINE SHALL BE CONSTRUCTED AS PER DETAIL.
  - MAN HOLE SIZE SHALL BE AS FOLLOWS :-
    - (i) 800X600 UP TO 1.00 M. DEPTH
    - (ii) 800X900 UP TO 2.00 M. DEPTH
    - (iii) 1500 DIA UP TO 3.00 M. DEPTH
  - PIPE SHALL BE LAID OF FOLLOWING SLOPES:-
    - (iv) 150 Ø N.P.2 - 1 IN 100
    - (v) 250 Ø N.P.2 - 1 IN 200
    - (vi) 300 Ø N.P.2 - 1 IN 250



| AREA -STATEMENT                          | SQ.M.    | %AGE   |
|--|----------|--------|
| TOTAL LAND AREA                          | 52920.80 |        |
| AREA UNDER SERVICE ROAD                  | 243.21   |        |
| AREA UNDER CHAK ROAD                     | 313.52   |        |
| AREA UNDER GREEN BELT                    | 208.17   |        |
| PRE-SANCTIONED AREA                      | 14250.26 |        |
| NET LAND AREA                            | 37905.64 | 100.00 |
| RESIDENTIAL PLOTTED & GROUP HOUSING AREA | 16192.75 | 42.72  |
| COMMERCIAL PLOT AREA (1 NOS.)            | 75.53    | 1.00   |
| SHOPS PLOT AREA (10 NOS.)                | 302.14   |        |
| INFORMAL KIOSK AREA                      | 10.03    | 00.03  |
| DALAB GHAR AREA (4 NOS.)                 | 60.17    | 00.16  |
| ROAD AREA                                | 16022.71 | 42.27  |
| PARK AREA                                | 5239.19  | 13.82  |

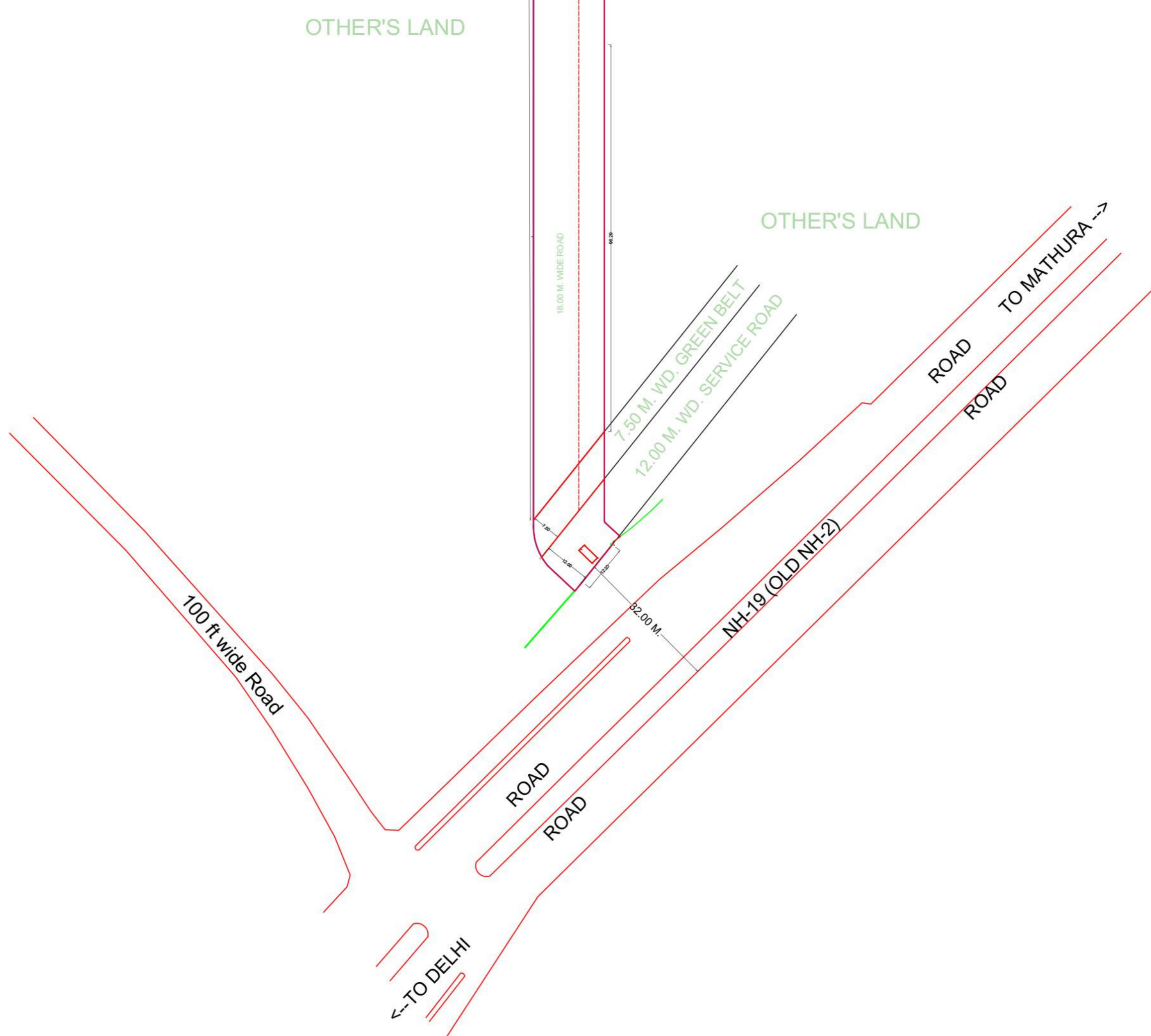
**TITLE**  
SEWER LAYOUT PLAN OF A RESIDENTIAL COLONY (AFFORDABLE HOUSING), NAMED " TRINITY VRINDAVAN (HARE KRISHNA DHAM COLONY)" SITUATED AT KHASRA NO. 2047, 2048, 2071, 2198, 2192, 2193, 2199, & 2197 MAUJA-JAIT, TEH & DISTT.-MATHURA.

**DEVELOPERS:**  
**TRINITY TULSIVAN REALITY PVT. LTD.**

**OWNERS NAME:**  
TRINITY TULSIVAN REALITY PVT. LTD.  
(AUTHORISED SIGNATORY:-MR. SUSHANT SAXENA)  
C.G. PVT. LTD.  
(AUTHORISED SIGNATORY:-MR. HARI MOHAN GUPTA)  
ARIA BUILDCON PVT. LTD.  
(AUTHORISED SIGNATORY:-MR. RAJIVE KUMAR)

**OWNER'S SIGN**

**ARCHITECTS :**  
**KONARK**  
ARCHITECTS  
C-45, 46, ANAND VIHAR, MAHOLI ROAD, MATHURA  
PH. 9412278819 (M).



# SEWER LAYOUT