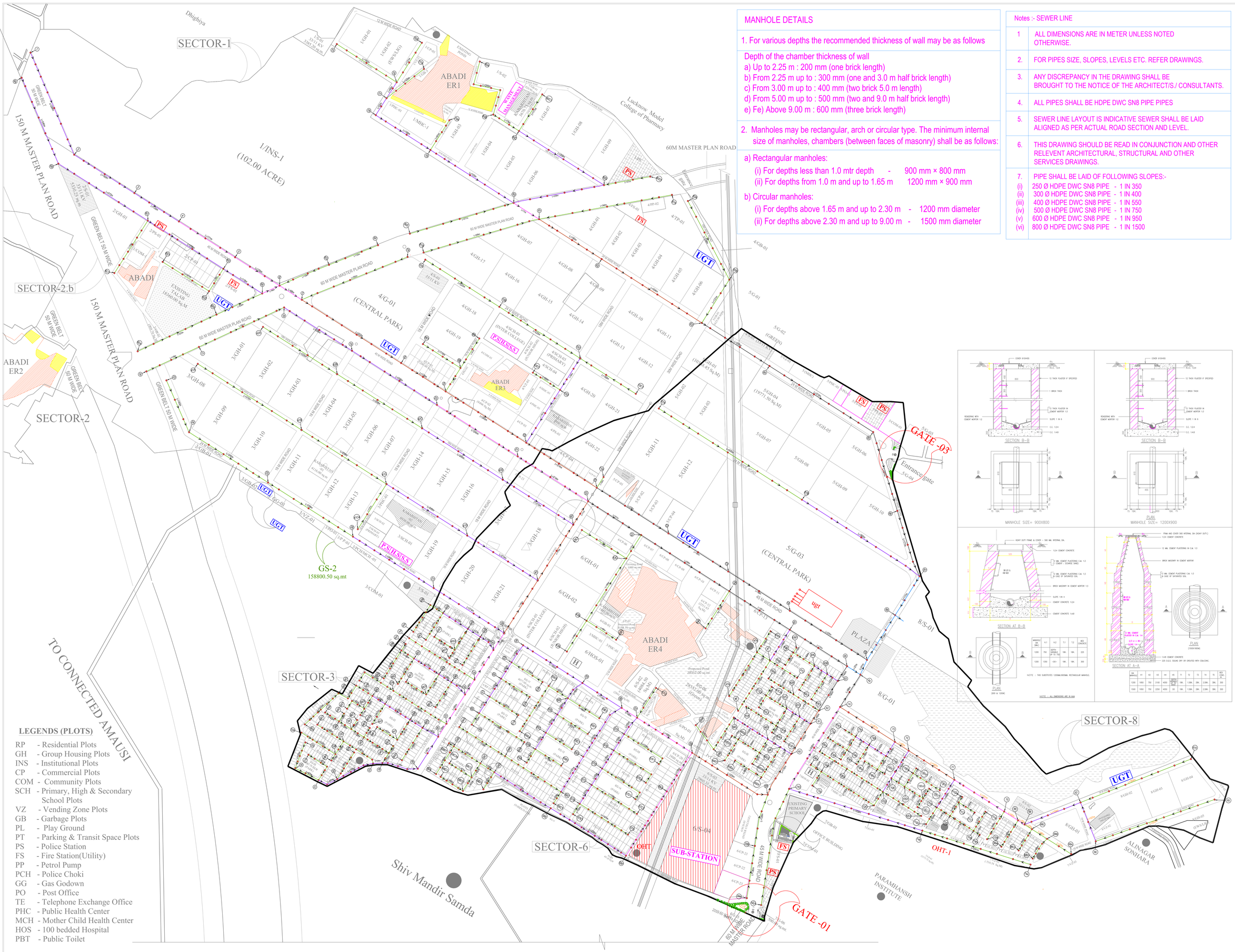
# PROPOSED LAYOUT OF MOHAN ROAD SCHEME FOR VILLAGE PYAREPUR & KALIYA KHERA, LUCKNOW




## MANHOLE DETAILS

1. For various depths the recommended thickness of wall may be as follows

Depth of the chamber thickness of wall
a) Up to 2.25 m : 200 mm (one brick length)
b) From 2.25 m up to : 300 mm (one and 3.0 m half brick length)
c) From 3.00 m up to : 400 mm (two brick 5.0 m length)
d) From 5.00 m up to : 500 mm (two and 9.0 m half brick length)
e) Fe) Above 9.00 m : 600 mm (three brick length)

2. Manholes may be rectangular, arch or circular type. The minimum internal size of manholes, chambers (between faces of masonry) shall be as follows:

a) Rectangular manholes:
(i) For depths less than 1.0 mtr depth - 900 mm × 800 mm
(ii) For depths from 1.0 m and up to 1.65 m 1200 mm × 900 mm

b) Circular manholes:
(i) For depths above 1.65 m and up to 2.30 m - 1200 mm diameter
(ii) For depths above 2.30 m and up to 9.00 m - 1500 mm diameter

## Notes :- SEWER LINE

1. ALL DIMENSIONS ARE IN METER UNLESS NOTED OTHERWISE.
2. FOR PIPES SIZE, SLOPES, LEVELS ETC. REFER DRAWINGS.
3. ANY DISCREPANCY IN THE DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT/S./ CONSULTANTS.
4. ALL PIPES SHALL BE HDPE DWC SN8 PIPE PIPES
5. SEWER LINE LAYOUT IS INDICATIVE SEWER SHALL BE LAID ALIGNED AS PER ACTUAL ROAD SECTION AND LEVEL.
6. THIS DRAWING SHOULD BE READ IN CONJUNCTION AND OTHER RELEVENT ARCHITECTURAL, STRUCTURAL AND OTHER SERVICES DRAWINGS.
7. PIPE SHALL BE LAID OF FOLLOWING SLOPES:-
(i) 250 Ø HDPE DWC SN8 PIPE - 1 IN 350
(ii) 300 Ø HDPE DWC SN8 PIPE - 1 IN 400
(iii) 400 Ø HDPE DWC SN8 PIPE - 1 IN 550
(iv) 500 Ø HDPE DWC SN8 PIPE - 1 IN 750
(v) 600 Ø HDPE DWC SN8 PIPE - 1 IN 950
(vi) 800 Ø HDPE DWC SN8 PIPE - 1 IN 1500

LEGEND:- SEWERAGE LINE

| SYMBOL | DESCRIPTION |
|---|---|
| | 250Ø SEWER PIPE |
| | 300Ø SEWER PIPE |
| | 400Ø SEWER PIPE |
| | 500Ø SEWER PIPE |
| | 600Ø SEWER PIPE |
| | 800Ø SEWER PIPE |

## LEGENDS

- TALAB
- ABADI
- UN ACQUIRED NO
- KABRISTAN
- ABADI HETU SURAKSHIT
- PANCHAYAT GHAR
- SCHOOL MAIDAN
- O.H.T LOCATION
- UGT U.G.T LOCATION

## LEGENDS (PLOTS)

RP - Residential Plots
GH - Group Housing Plots
INS - Institutional Plots
CP - Commercial Plots
COM - Community Plots
SCH - Primary, High & Secondary School Plots
VZ - Vending Zone Plots
GB - Garbage Plots
PL - Play Ground
PT - Parking & Transit Space Plots
PS - Police Station
FS - Fire Station(Utility)
PP - Petrol Pump
PCH - Police Choki
GG - Gas Godown
PO - Post Office
TE - Telephone Exchange Office
PHC - Public Health Center
MCH - Mother Child Health Center
HOS - 100 bedded Hospital
PBT - Public Toilet

Proposal Drawing

EXTERNAL SEWERAGE LAYOUT

| | |
|---|---|
| REFERENCE NO. | L-84-AF-980 |
| SHEET NO. : | 1(R7) |
| SCALE : | 1:5000 |
| DATE : | SEP' 24 |
| DRAWN BY : | AMIT |

NORTH
ORIENTATION

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LUCKNOW DEVELOPMENT AUTHORITY

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