

JAYPEE LAND



LEGEND:	
S. No.	SYMBOL DESCRIPTION
1.	M.H. MANHOLE
2.	SEWER LINE
3.	BRANCH SEWER CONNECTION
4.	BRANCH MANHOLE

NOTES : SEWERAGE SYSTEM

1. THE SIZE OF MANHOLE SHALL BE AS UNDER (INNER SIZES)
a) 900 to 1050 mm. dia.
b) 1200 mm. dia.
c) Above 1500 mm. dia.
2. The level of sewer lines has been worked out on the basis of certain ground level and for the purpose of sewer lines, the level of the sewer lines has been taken as 100.00 m. level.
3. For any discrepancy / correction the matter should refer to the consultant before execution.
4. Manhole shall be provided at following places :-
a) At the start of each sewer line.
b) At every junction and position where there is change of size, gradient and alignment.
c) At not more than 45 meter interval in straight length.
5. When the diameter of pipe is increased the crown of the pipe shall be fixed at the same level and necessary slope shall be given in the line of the manhole chamber.
6. The structural design of manholes / pipe bedding has to be done by local field conditions such as fill up soil / back colour soil / high soil and conditions.
7. The drawing shall be read along with the detailed site plan & ground floor plan of respective building for exact location of manholes / manholes etc.
8. Sewer line under the road shall be covered with 150 thick, pcc 1:2:4 atleast.
9. Manhole cover should be finished with finished formation level as per landscape drawing, the cover of manhole shall be square as per appearance drawing & should be to construction and landscape drawing.
10. The drawing shall be coordinated with other drawing i.e. architecture, structural, mechanical, etc.
11. Material of pipe :-
a) For sewer lines - R.C.C. (SP-4) IS 1908 (Part - 2)
b) For storm water - R.C.C. (SP-4) IS 1908 (Part - 2)
12. In the area subject to subsidence or filled up soil (due to - water excavation site for construction of sewerage) the sewer line & manhole should be laid on suitable support.
13. In case where sewer line is laid in high soil conditions manhole should be constructed in r.c.c. grade m-25.
14. The width of trench for sewer and drainage should be 4-400mm. (if s.d. of pipe) 15. Standing / limbing should be adequate to prevent clogging in of the trench with subsidence of area adjacent to the trench, an engineer-in-charge in consultation with a structural engineer should provide adequate arrangement to prevent clogging in.

SUBMISSION DRAWING

OWNERS SIGN

ARCHITECTS SIGN

THREE C HOMES PVT. LTD.
Authorized Signatory

Architects
Signature

Project :
REVISED MASTER PLAN FOR M/S THREE C HOMES PVT. LTD. PLOT NO. TS-01 SECTOR 22-A, YAMUNA EXPRESSWAY, (U.P.)

Title :
LAYOUT PLAN

Sub-title :
EXTERNAL SEWERAGE SYSTEM

Drawing Released For :

- ☐ APPROVAL ☒ SUBMISSION
☐ ADVANCE COPY ☐ CONSTRUCTION

Dwg. No. : ES-01

Scale : 1:1500

Drawn By : Alam

Date : 12.08.2024

Design By : Tanvi Saini/Ansari

Ckd By : Arind Halder

Architects :

confluence
NEW DELHI, INDIA

F-1, FIRST FLOOR, WIRTA CORPORATE SUITES,
ISHWAR NAGAR, NEW DELHI 110065

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