

S. No.	SYMBOL	DESCRIPTION
1.		SERVICE MANHOLE SIZE: 600 X 600
2.		CIRCULAR MANHOLE
3.		SEWER LINE
4.		160/1500 SEWER LINE
5.	R.L.	ROAD LEVEL
6.	I.L.	INVERT LEVEL
7.	C.L.	CONNECTION LEVEL

- NOTES**
- THE DEPTH OF MANHOLE SHALL BE AS UNDER (INNER SIZE)
 - UP TO 900 M.M. DEPTH 600x600 M.M. REC. MANHOLE.
 - 900 TO 1650 M.M. DEPTH 900 M.M. DIA.
 - 1650 TO 2300 M.M. DEPTH 1200 M.M. DIA.
 - ABOVE 2300 M.M. DEPTH 1500 M.M. DIA.
 - RUNNING SHALL BE PROVIDED IN EACH MANHOLE WHICH IS DEEPER THAN 800 M.M.
 - THE LEVELS OF SEWER / STORM LINES HAS BEEN WORKED OUT ON THE BASIS OF CERTAIN GROUND LEVELS AND FOR CERTAIN PIPE LENGTHS BETWEEN TWO MANHOLES. THE INVERT LEVELS HAS TO BE STRICTLY FOLLOWED. HOWEVER THE SLOPE OF LINE MAY BE SLIGHTLY CHANGED.
 - FOR ANY DISCREPANCY / COMMENTION THE MATTER SHOULD REFER TO THE CONSULTANTS BEFORE EXECUTION.
 - MANHOLE SHALL BE PROVIDED AT FOLLOWING PLACES:
 - AT THE START OF EACH SEWER LINE.
 - AT EVERY JUNCTION AND POSITION WHERE THERE IS CHANGE OF SIZE, GRADIENT AND ALIGNMENT.
 - AT NOT MORE THAN 30 METER INTERVAL IN STRAIGHT LENGTH.
 - WHERE THE DIAMETER OF PIPE IS INCREASED THE CROSS OF THE PIPE SHALL BE FIXED AT THE SAME LEVEL AND NECESSARY SLOPE SHALL BE GIVEN IN THE INVERT OF THE MANHOLE CHAMBER.
 - THE STRUCTURAL DESIGN OF MANHOLES / PIPE BEDDING HAS TO BE DONE FOR LOCAL FIELD CONDITIONS SUCH AS FILLED UP SOIL / BLACK COTTON SOIL / HIGH SUB SOILS.
 - THIS DRAWING SHALL BE READ ALONG WITH THE GROUND FLOOR PLAN OF RESPECTIVE BUILDING FOR EXACT LOCATION OF APPURTENANCES / MAN HOLES ETC.
 - SEWER / STORM LINE UNDER THE ROAD SHALL BE ENCASED AS MENTIONED IN BOG.
 - MANHOLE COVER SHOULD BE FINISHED WITH FINISHED FORMATION LEVELS AS PER LANDSCAPE DRAWING.
 - WHEREVER ANY CONFLICT IN LEVELS BETWEEN DESIGN SHEET AND NODES / MANHOLE TAGS WRITTEN ON DRAWINGS, THEN DESIGN SHEETS LINE & LEVELS SHALL BE CONSIDERED FOR EXECUTION.



REVISIONS:		
NO.	DATE	DESCRIPTION
R0	09.02.26	SUBMISSION

RELEASED FOR	
<input type="checkbox"/>	TENDER
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<input type="checkbox"/>	GOOD FOR CONSTRUCTION

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DRAWING TITLE:
**PHE DRAWING
 SEWERAGE LAYOUT**

PROJECT TITLE:
 BASURI ORCHID, AGRA

CLIENT :
 VIBHOR BANSAL

PRINCIPAL ARCHITECT:
 AR. PEEYUSH SRIVASTAVA

DRAWN BY:
 RAJU

DRAWING NO.
SD-SEWER-PL-02

CHECKED BY:
 NAVEEN

SHEET SIZE:
A1

SCALE :
1:400

DATE:-
09.02.2026