



SEWER AND STORM NOTES :

- THE SIZE OF MANHOLE SHALL BE AS UNDER (INNER SIZES)
 - UPTO 750 M.M. DEPTH 800x900 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.
- RUNGS 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 ROAD LEVEL 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 / COMMISSION 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 CROWN 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 SOIL CONDITIONS.
- 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 BOQ.
- MANHOLE COVER SHOULD BE FINISHED WITH FINISHED FORMATION LEVEL AS PER LANDSCAPE DRAWING.
- MATERIAL OF PIPE SEWER-DWC SN-8 PIPE
- WHEREVER ANY CONFLICT IN LEVELS BETWEEN DESIGN SHEET AND NODES / MANHOLE TAG WRITTEN ON DRAWINGS. THEN DESIGN SHEETS LINE & LEVELS SHALL BE CONSIDERED FOR EXECUTION.

SEWER LEGENDS:-

S.NO.	SYMBOL	DESCRIPTION
1.	⊙	SEWER MANHOLE
2.	---	SEWER LINE (DWC SN-8 PIPE)
3.	⊙	NODES

STAGE : FOR APPROVAL

DATE: 28.12.2025

REV.NO. 1 R0

JOB TITLE- HES-

REV. NOTES:

DATE:	REV.	DESCRIPTION

CLIENT :

ARCHITECT:

Shashank

Ar. SHASHANK GARG
B.Arcl (Hons)
Architect CA/2012/57140

For AVR HOMES LLP
Kanhan
Partner

PROJECT :

ROPOSED RESIDENTIAL
LAYOUT PLAN OF G.R. VILLAS
ON PART OF KHASRA NO.-
1492 MAUZA-BAINPUR
MUSTKIL, DISTT-AGRA.

DWG. TITLE :

SITE PLAN
SEWER NETWORK LAYOUT

DWG. NO :

SCALE : 1:1250 @ A0

DRAWN BY: S.B.

CHECKED BY: N.P.

APPROVED BY: