Layout Plan of Sewerage Collection System For
" ARRAN RESIDENCY - II "

UNDER KHASRA NO. 627/1, VILLAGE - MANDAU, SECTOR-53
NEAR BY KARNAL RAJ SINGH JI KA FARM,TEH.- SANGANER, JAIPUR.

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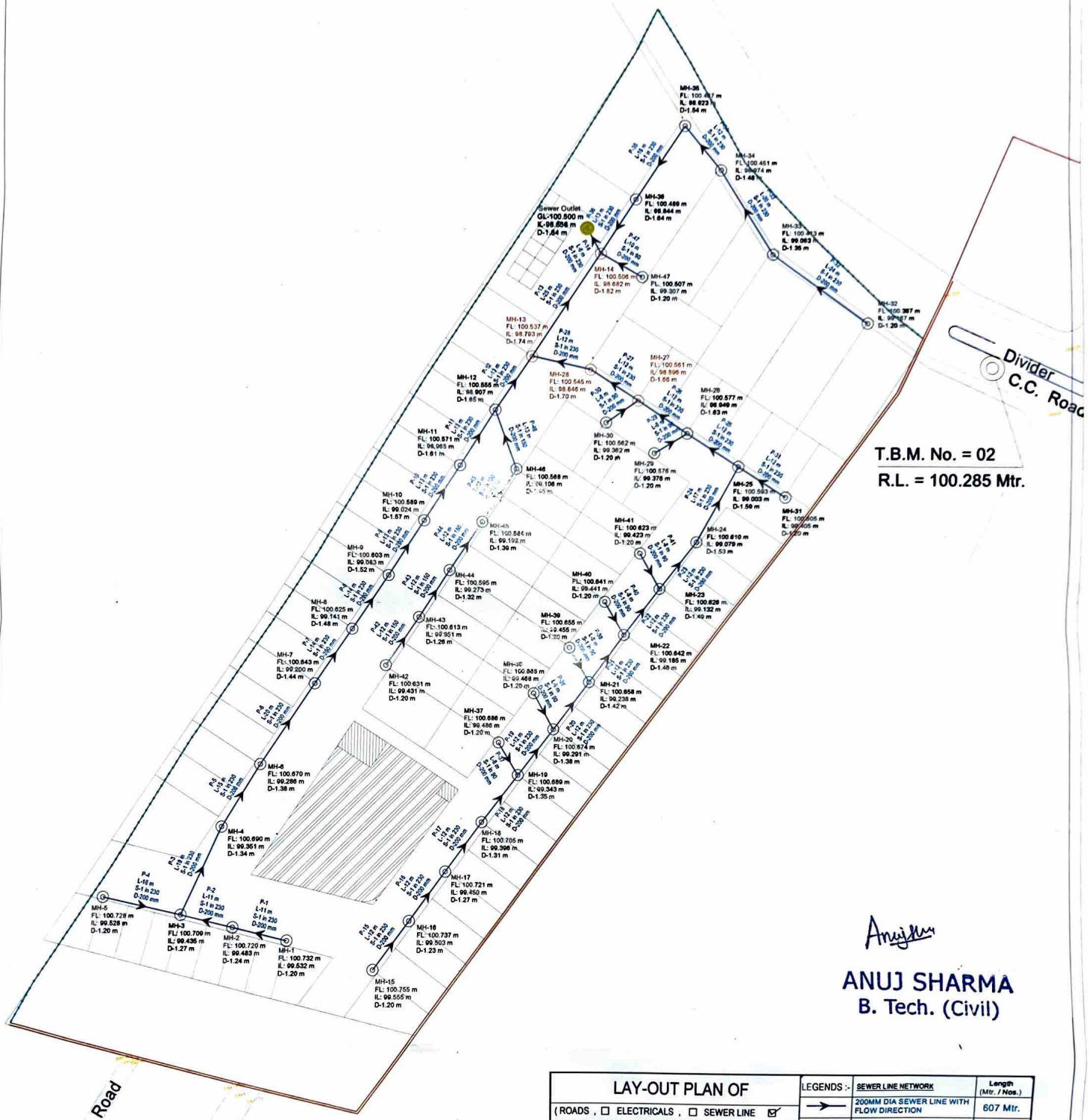

ANUJ SHARMA
B. Tech. (Civil)

LAY-OUT PLAN OF

(ROADS , ☐ ELECTRICALS , ☐ SEWER LINE ☑
WATER SUPPLY ☐ & RAIN WATER HARVESTING) ☐

Notes:-

1. ALL DIMENSIONS ARE IN METER & DIAMETERS ARE IN MILLIMETER, UNLESS OTHERWISE SPECIFIED.
2. EARTH COVER PROVIDED ABOVE PIPE SHALL BE MINIMUM 1.0 M.
3. PIPE MATERIAL SHALL BE HDPE DWC (DOUBLE WALL CORRUGATED).
4. PERIODIC FLUSHING SHALL BE REQUIRED WHERE VELOCITIES ARE LESS THEN SELF CLEANSING VELOCITY.

Notes:-

We have considered "FL" as a Top Finish Level of Road

FL: Top Finish Level of Road

LEGENDS :-	SEWER LINE NETWORK	Length (Mtr. / Nos.)
→	200MM DIA SEWER LINE WITH FLOW DIRECTION	607 Mtr.
P- m L- m S-1 in 200 D-200 mm	PIPE NUMBER LENGTH (M) SLOPE IMPROVED PIPE DIA	
◎	MANHOLE	
MH-01	MANHOLE NUMBER	
FL:	Proposed Road Finished Levels	
IL:	INVERT LEVEL	
D:	INVERT DEPTH AT MANHOLE	
◎	MANHOLE INTERNAL DIA 1.0 M	43 Nos.
◎	MANHOLE INTERNAL DIA 1.2 M	04 Nos.
	SEWER OUTLET	01 Nos.

NOTES :-
1. ALL DIMENSIONS AND LEVELS ARE IN MILLIMETERS
2. ALL UTILITY ARRANGEMENT IN ROW IS INDICATIVE ONLY
3. ALL SERVICES TO BE LAID AS PER DETAIL LAYOUT DRAWINGS
4. DO NOT SCALE THE DRAWING, WRITTEN DIMENSIONS TO BE FOLLOWED IN CASE OF DISCREPANCY

GOOD FOR CONSTRUCTION

REVISIONS						
NO.	DATE	BY	DESCRIPTION	NO	HT	
			GOOD FOR CONSTRUCTION			

QUALITY ASSURANCE
The responsibility of control, check and verification of concurrent correctness, completeness, integration and full compliance of contract provisions in respect of design analysis and drawings rests with the design consultants and the contractor.

SIG.			
DATE			
NAME	N.S.	H.S.	B.L.
	Drawn By	Designed By	Checked By

CLIENT :-

ENGINEERING CONSULTANTS :-

Cadmax

PROJECT " ARRAN RESIDENCY - II "

DRAWING TITLE Layout Plan of Sewerage Collection System

Issue Record	Approved for Issue
For Construction	
Revised Final Design Report	
Preliminary Design	
Design Development	

DRAWING NUMBER REV

CAD FILE SCALE NTS

16 15 14 12 13 11 10 2 9 1