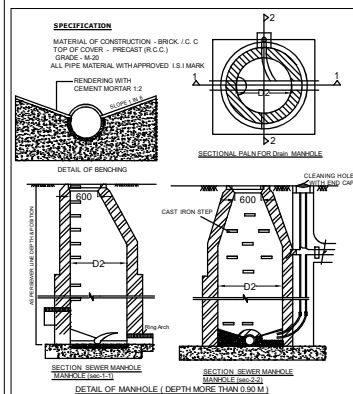
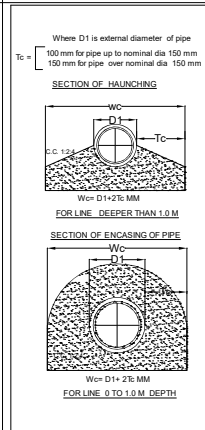
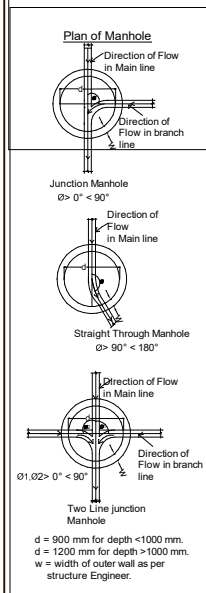
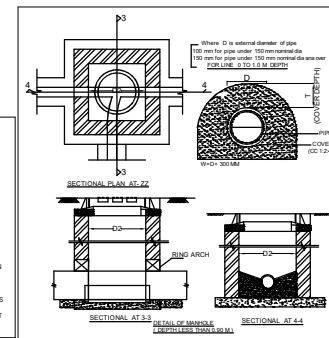




NOTES

- THE SEWER LINE SHALL BE Laid ON P.C.C. (150/180) OVER COMPACTED EARTH.
- SEWER LINE SHALL BE TESTED FOR ITS LEAKAGE INFILTRATION AS RELEVANT IS CODE MANUAL, BEFORE ITS COMMISSIONING.
- ALL MANHOLES SHOULD HAVE JUNCT PIPE IN SIDE AT BASE WHICH SHALL BE CUT DURING COMMISSIONING.
- THE MINIMUM INVERT LEVEL SHALL BE 300 MM BELOW EXISTING GROUND.
- MAXIMUM DISTANCE BETWEEN TWO MANHOLES SHALL BE AS PER THE GIVEN TABLE OR AS PER DESIGN.
- DROP MANHOLE SHALL BE PROVIDED WHERE THE DIFFERENCE OF TWO INVERT LEVEL AT A JOINT IS MORE THAN 600 MM .
- ALL PIPES USED UP TO DIAMETER 150 MM SHOULD BE SUR CONFORMING TO IS 1502 IS & FITTINGS SHOULD CONFORM TO IS 1475 IS & DIAMETER MORE THAN 150 MM SHOULD BE PVC PRESSURE PIPES & CONFORM TO IS 4983 2000 CLASS B.
- THE MINIMUM DIAMETER OF THE SEWER = 150 MM BENCHING ON BOTH SIDES $(150 \text{ MM} \times 150 \text{ MM})$.
- MANHOLE SHOULD BE BUILT AT EVERY CHANGE OF ALIGNMENT GRADIENT OR DIAMETER, AT THE HEAD OF ALL BRANCHES & AT EVERY JUNCTION OF TWO OR MORE SEWERS.
- ON SEWERS WHICH ARE TO BE CLEARED MANUALLY, INCH CANNOT BE ENTERED FOR CLEANING OR INSPECTION, THE MAXIMUM DISTANCE BETWEEN MANHOLES CAN BE AT 30 M MAXIMUM.



Width of Manhole		
S. No.	Depth	Width
1.	Upto 900 mm	$900 \times 900 \text{ mm}$
2.	0.9 And Upto 2.5 m	900 mm

LEGEND	
	Sewer Line
	DWC pipe conforming to IS 15020-2, Size As Per DWG.
	Manhole
	Manhole No.
	Starting line No.
	Flow Direction

ISO 9001
ISO 14001

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SERVICE CONSULTANT

PURPOSE OF DRAWING

SHEET SIZE: A1

SHEET NO.: 1

For engineering details please refer to see attached calculations. All structural detail are suggestive in nature and are need to have revision by structural engineers.

DRG. NO.: DRS/D341/STP/21

DATE: AUG 18, 2021

DGN. BY: NISHANT HEERA

CHKD. BY: DINKAR SAXENA

REVISION NOTES:

NO.	DATED	DESCRIPTION	FOR APPROVAL

PROJECT: SHRI RADHA GULMOHAR

GOVERNOR ROAD, MATHURA (G.P.)

DRG. TITLE: SEWERAGE

SERVICES CONSULTANT

Dinkar Saxena

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