

**PROJECT:-**

CONSTRUCTION OF VATADARA VILLAGE SMASHAN TO  
DADPURA (TA. BORSAD) JOINING ROAD (VRNP) KM. 0/000  
TO 2/000 TA. :-KHAMBHAT DIST. :- ANAND

DEPUTY EXECUTIVE ENGINEER  
PANCHAYAT (R & B) SUB DIVISION  
KHAMBHAT

EXECUTIVE ENGINEER  
PANCHAYAT (R&B) DIVISION  
ANAND

**APPROVED BY**

VIRAL PATEL

M.E CIVIL

**CHECKED BY**

PRIT PARIKH

B.E CIVIL

**DESIGNED BY**

MANAN SHAH

B.E CIVIL

**DRAWN BY**

RAHUL PARMAR

DRAFTSMAN

**DATE**

01/04/2026

SCALE

N.T.S

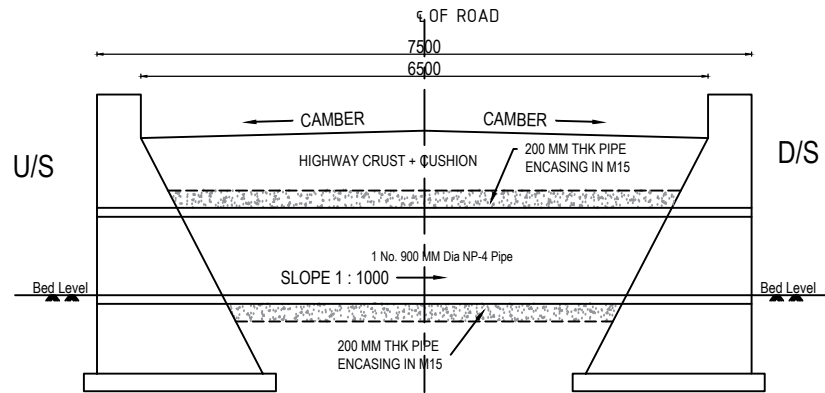
**DRG NO :- PANCHAYAT / ANAND / KHAMBHAT / 08 /06**

**TITLE :- TYPICAL CROSS SECTION OF ROAD**

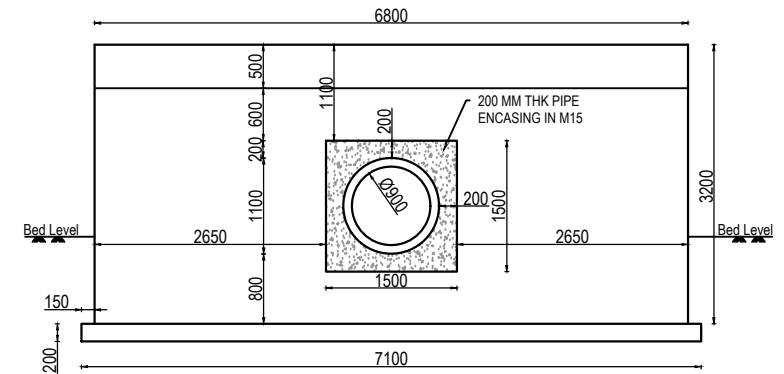
**CONSULTANTS :-**



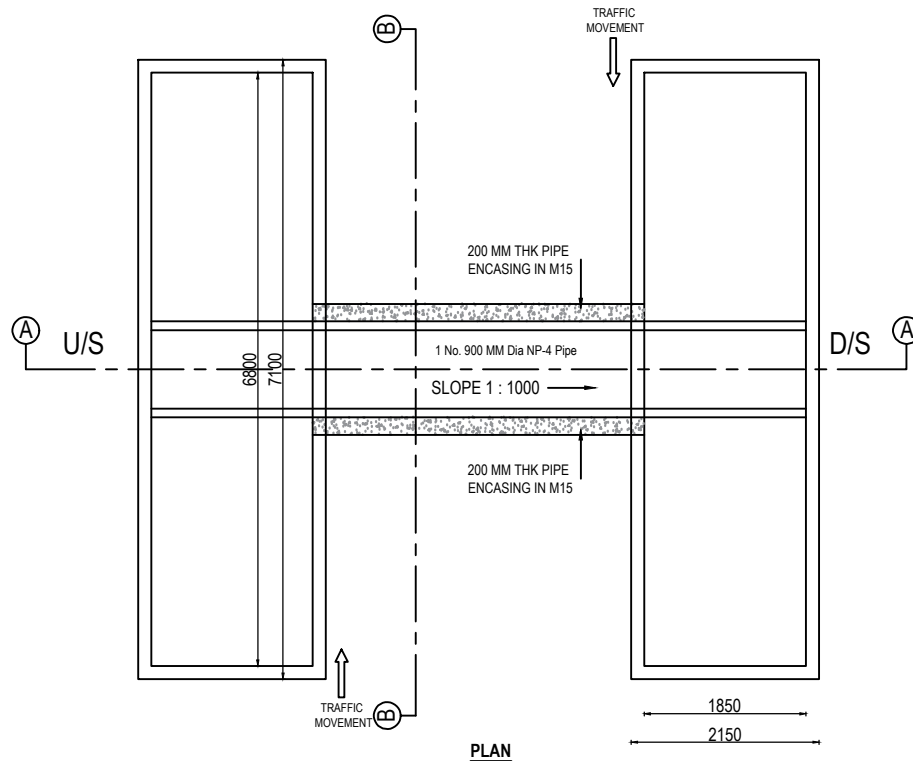
**LK ENGINEERING & DESIGN CONSULTANT**  
Office Address : 45,46 Third Floor, "Earth Eon" Opp.  
Urm School,  
Sama Sevak Road Vadodra-390008  
Contact No.9319414305  
Email id :-lkedc2020@rediffmail.com



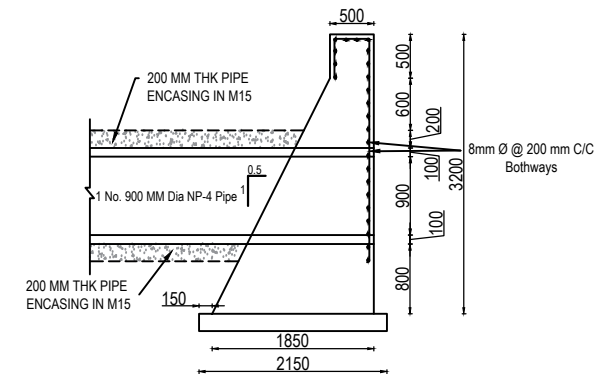
**SECTION A-A**



**SECTION B-B**



**PLAN**




**SECTION SHOWING HEAD WALL (M15)  
WITH REINFORCEMENT DETAIL**

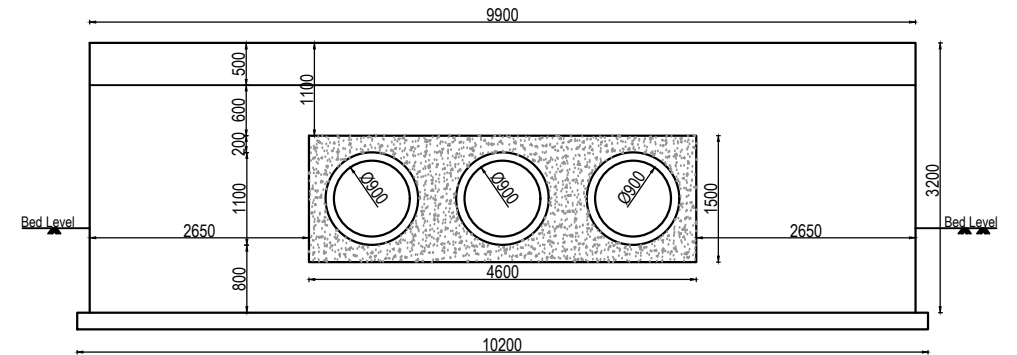
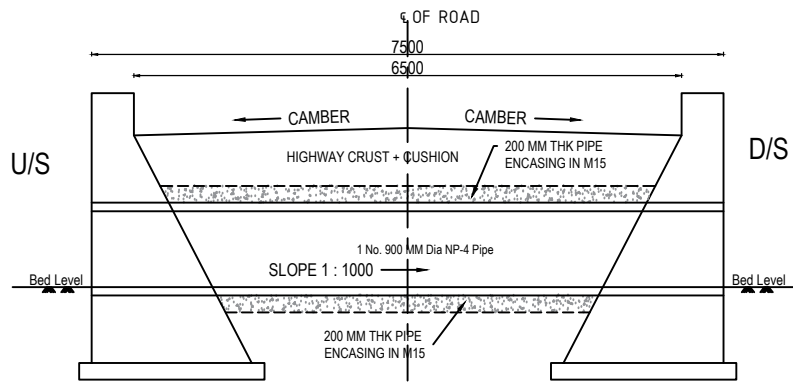
**NOTES:**

1. THE PIPE SHALL BE R.C.C NP-4 NON PRESSURE PIPE AS PER IS 458.
2. ALL THE DIMENSIONS ARE IN MM OTHERWISE SPECIFIED.
3. CLEAR DISTANCE BETWEEN PIPES 450 MM FOR 9000 MM DIA PIPE.
4. WHENEVER SOIL FILLING IS REQUIRED, FILLING SOIL CHARACTERISTICS SHALL BE C=0,  $\phi > 30$  deg.
5. CONCRETE GRADE : HEAD WALL (M15), P.C.C (M10), ENCASING (M15).
6. STEEL FE 550D SHALL BE USED CONFORMING TO RELEVANT IS CODE.

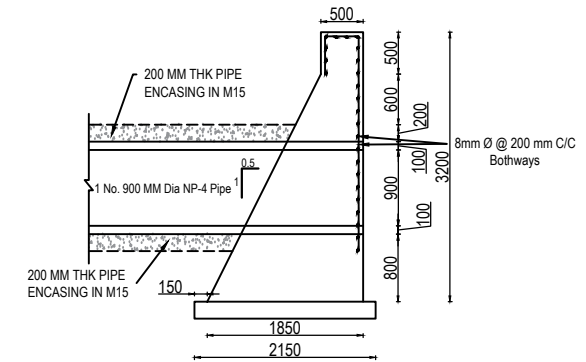
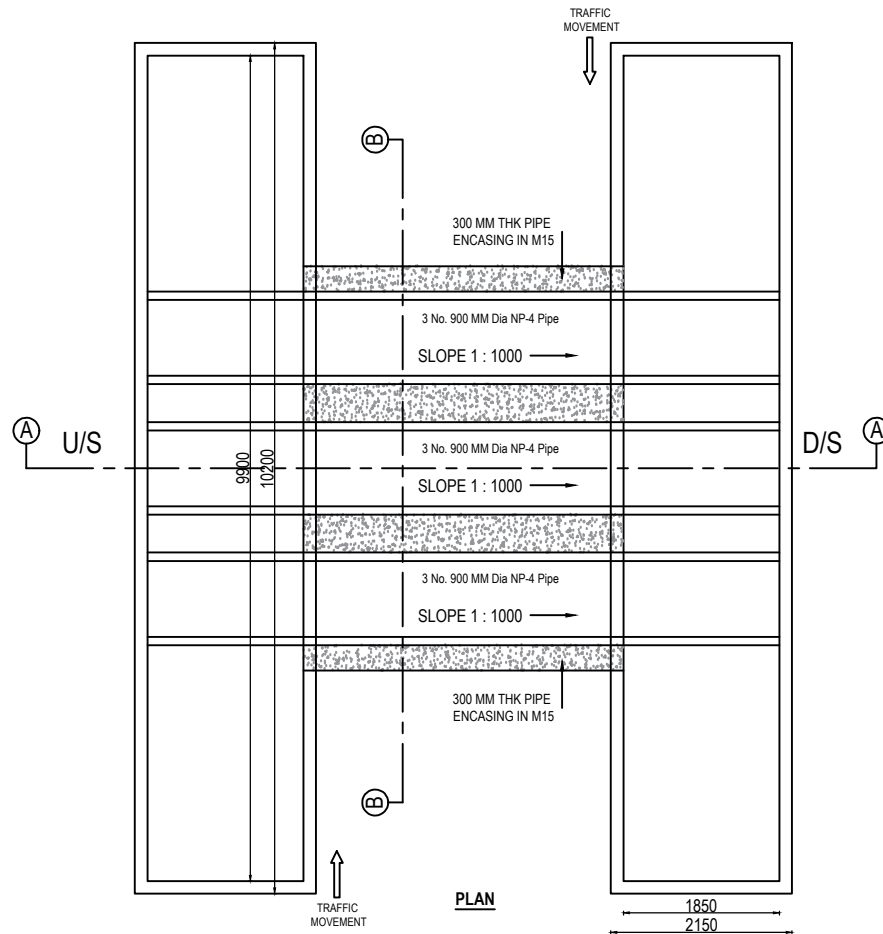
REF CODE :

IRC SP 13:2004, IS 458:2003, IRC 78:2014, MORTH 5th Revision.

<b>NAME OF WORK:</b>  CONSTRUCTION OF VATADARA VILLAGE SMASHAN TO DADPURA (TA. BORSAD) JOINING ROAD (VRNP) KM. 0/000 TO 2/000 TA. :- KHAMBHAT DIST. :- ANAND	DEPUTY EXECUTIVE ENGINEER PANCHAYAT (R&B) SUB DIVISION KHAMBHAT	EXECUTIVE ENGINEER PANCHAYAT (R&B) DIVISION ANAND	APPROVED BY : VIRAL PATEL	M.E CIVIL	DATE:	01-04-2026	DRAWING NAME:	1-ROW 900 MM DIA PIPE CULVERT
			CHECKED BY : BIRAL PATEL	M.E CIVIL	SCALE:	NTS	CONSULTANT:	
			DESIGNED BY : PALAK UKANI	M.E CIVIL	REVISION:	R0	 <b>LK ENGINEERING &amp; DESIGN CONSULTANT</b> Office Address : 45/46 Third Floor, "Earth Earth" Opp. Urmi School, Sarma Savli Road Vadodara-390008 Contact No.9313414355 Email id :-lkedc2020@lkedc.in	
			DRAWN BY : PRANAV VALAND	DRAFTSMAN		MMGSY		



**SECTION B-B**



**SECTION SHOWING HEAD WALL (M15)  
WITH REINFORCEMENT DETAIL**

**NOTES:**

1. THE PIPE SHALL BE R.C.C NP-4 NON PRESSURE PIPE AS PER IS 458.
2. ALL THE DIMENSIONS ARE IN MM OTHERWISE SPECIFIED.
3. CLEAR DISTANCE BETWEEN PIPES 450 MM FOR 9000 MM DIA PIPE.
4. WHENEVER SOIL FILLING IS REQUIRED, FILLING SOIL CHARACTERISTICS SHALL BE C=0, Ø>30 deg.
5. CONCRETE GRADE : HEAD WALL (M15), P.C.C (M10), ENCASING (M15).
6. STEEL FE 550D SHALL BE USED CONFORMING TO RELEVANT IS CODE.

**REF CODE :**

IRC SP 13:2004, IS 458:2003, IRC 78:2014, MORTH 5th Revision.

**NAME OF WORK:**

CONSTRUCTION OF VATADARA VILLAGE SMASHAN TO DADPURA (TA. BORSAD) JOINING ROAD (VRNP) KM. 0/000 TO 2/000

TA. :- KHAMBHAT  
DIST. :- ANAND

DEPUTY EXECUTIVE ENGINEER  
PANCHAYAT (R&B) SUB DIVISION  
KHAMBHAT

EXECUTIVE ENGINEER  
PANCHAYAT (R&B) DIVISION  
ANAND

APPROVED BY : VIRAL PATEL

M.E CIVIL

CHECKED BY : BIRAL PATEL

M.E CIVIL

DESIGNED BY : PALAK UKANI

M.E CIVIL

DRAWN BY : PRANAV VALAND

DRAFTSMAN

**DATE:**

01-04-2026

**SCALE:**

NTS

**RIVISION:**

R0

**MMGSY**

**DRAWING NAME:**

3-ROW 900 MM DIA PIPE CULVERT

**CONSULTANT:**



**LK ENGINEERING & DESIGN CONSULTANT**  
Office Address : 45/46 Third Floor, "Earth Eon" Opp.  
Urmi School,  
Sama Savli Road Vadodara-390008  
Contact No.9913414355  
Email id :-lkedc2020@lkedc.in