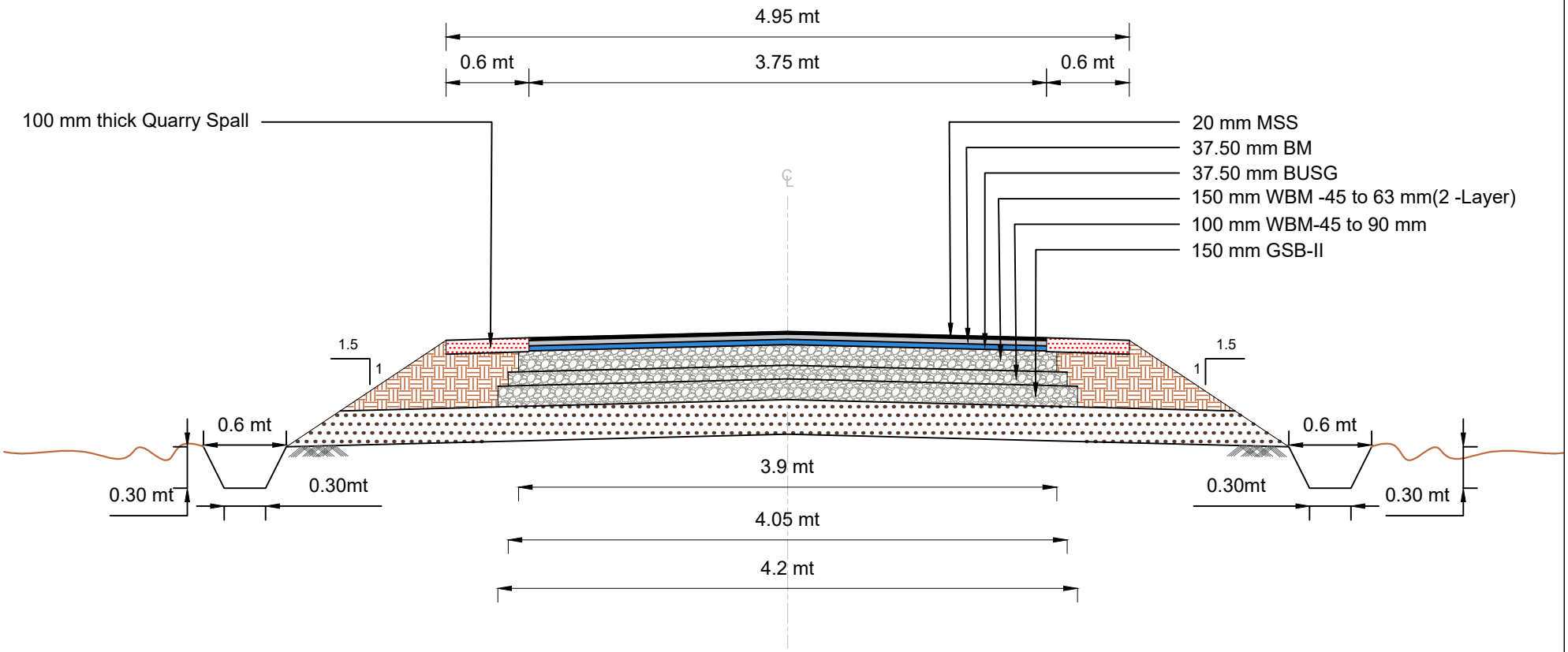
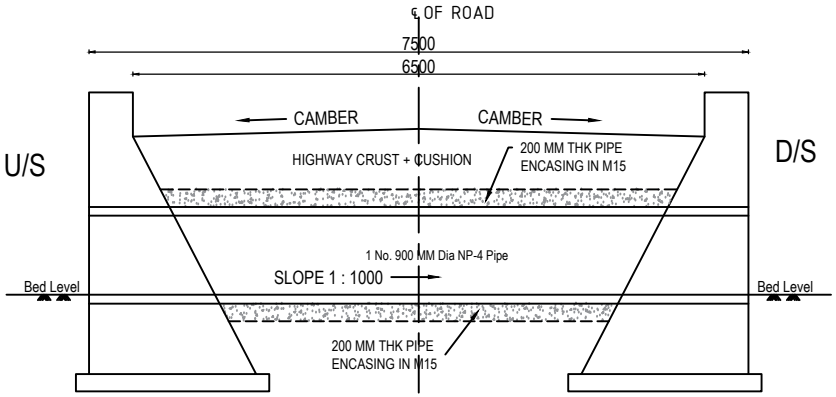
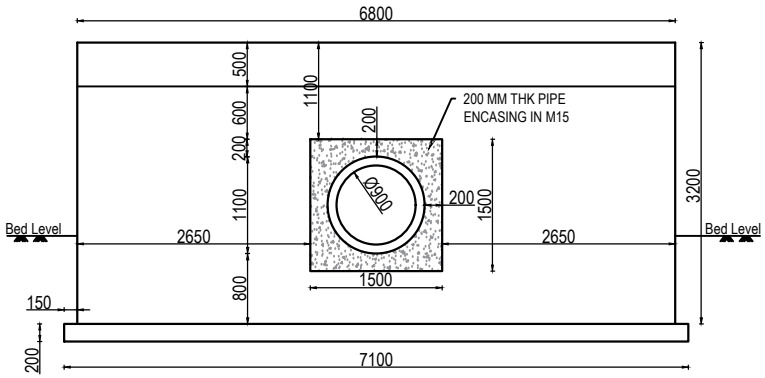


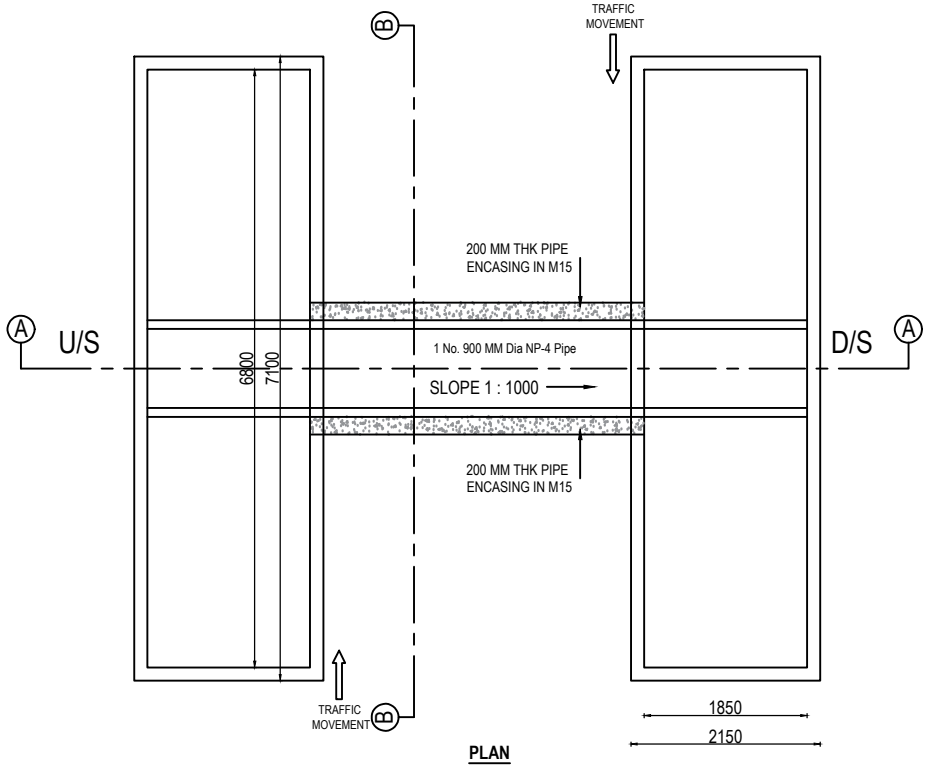

| | | | | | | |
|---|---|---|---|---|---|---|
| **PROJECT:-**<br><br>**CONSTRUCTION OF SHAKARPUR CHOKHANDI ANGANVADI AND CHOKHANDI PARA VISTAR TO METPUR VASANA RALEJ ROAD JOINING ROAD (VRNP) KM. 0/000 TO 1/800 TA.:- KHAMBHAT DIST.:-ANAND** | **DEPUTY EXECUTIVE ENGINEER PANCHAYAT (R & B) SUB DIVISION KHAMBHAT**<br><br>**EXECUTIVE ENGINEER PANCHAYAT (R&B) DIVISION ANAND** | APPROVED BY | VIRAL PATEL | M.E CIVIL | | **DRG NO :- PANCHAYAT / ANAND / KHAMBHAT / 04 /02**<br>**TITLE :- TYPICAL CROSS SECTION OF ROAD**<br>**CONSULTANTS :-**<br>LK ENGINEERING & DESIGN CONSULTANT<br>Office Address : 45,46 Third Floor, "Earth Eon" Opp. Umi School, Sama Savli Road Vadodara-390008<br>Contact No.9313414355<br>Email id -lkedc2020@lkedc.in |
| | | CHECKED BY | PRIT PARIKH | B.E CIVIL | | |
| | | DESIGNED BY | MANAN SHAH | B.E CIVIL | | |
| | | DRAWN BY | RAHUL PARMAR | DRAFTSMAN | | |
| | | DATE | 18/03/2026 | | SCALE N.T.S | |



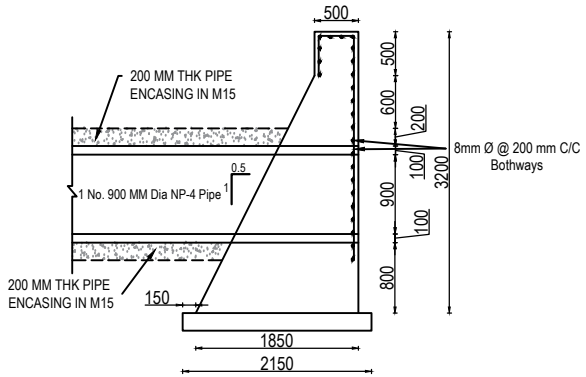

**SECTION A-A**




**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 900Ø 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 SHAKARPUR CHOKHANDI ANGANVADI AND CHOKHANDI PARA VISTAR TO METPUR VASANA RALEJ ROAD JOINING ROAD (VRNP) KM. 0/000 TO 1/800 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:** 18-03-2026

**SCALE:** NTS

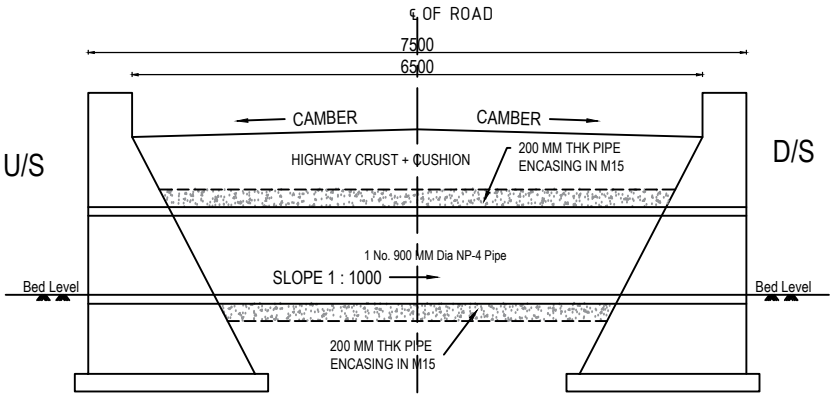
**RIVISION:** R0

MMGSY

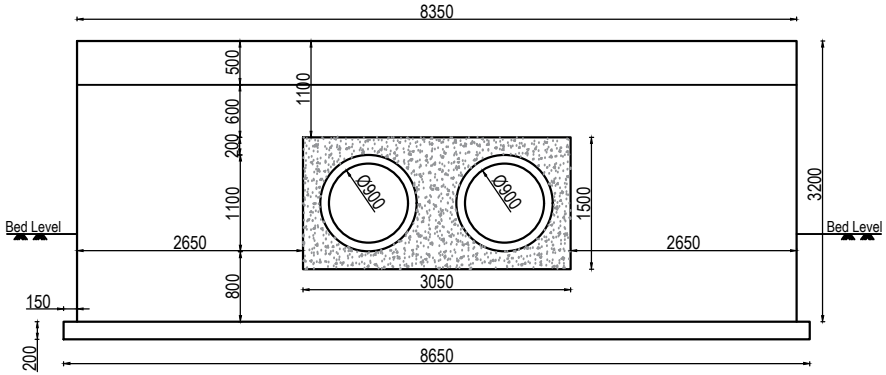
**DRAWING NAME:** 1-ROW 900 MM DIA PIPE CULVERT

**CONSULTANT:**

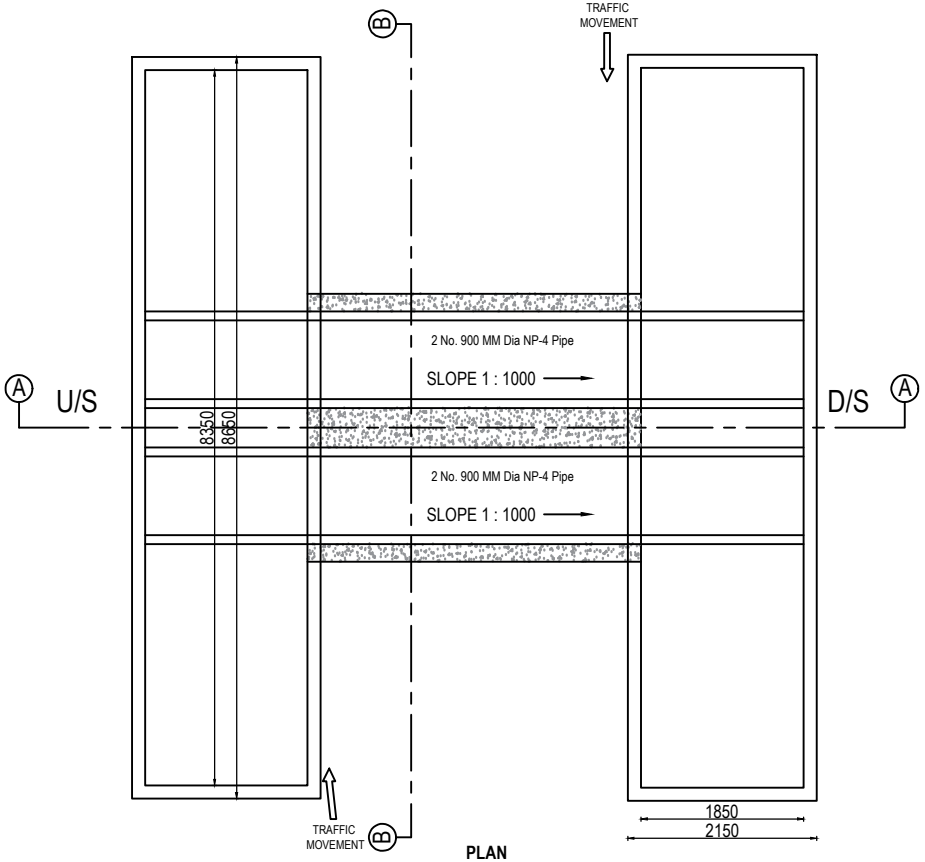
LK ENGINEERING & DESIGN CONSULTANT
Office Address : 45,46 Third Floor, "Earth Eon" Opp. Urmi School,
Sama Savli Road Vadodara-390008
Contact No.9313414355
Email id :-lkedc2020@lkedc.in



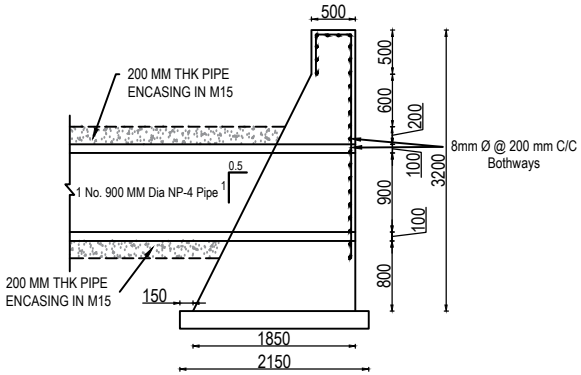

**SECTION A-A**




**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 900Ø 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 SHAKARPUR CHOKHANDI ANGANVADI AND CHOKHANDI PARA VISTAR TO METPUR VASANA RALEJ ROAD JOINING ROAD (VRNP) KM. 0/000 TO 1/800 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:** 18-03-2026

**SCALE:** NTS

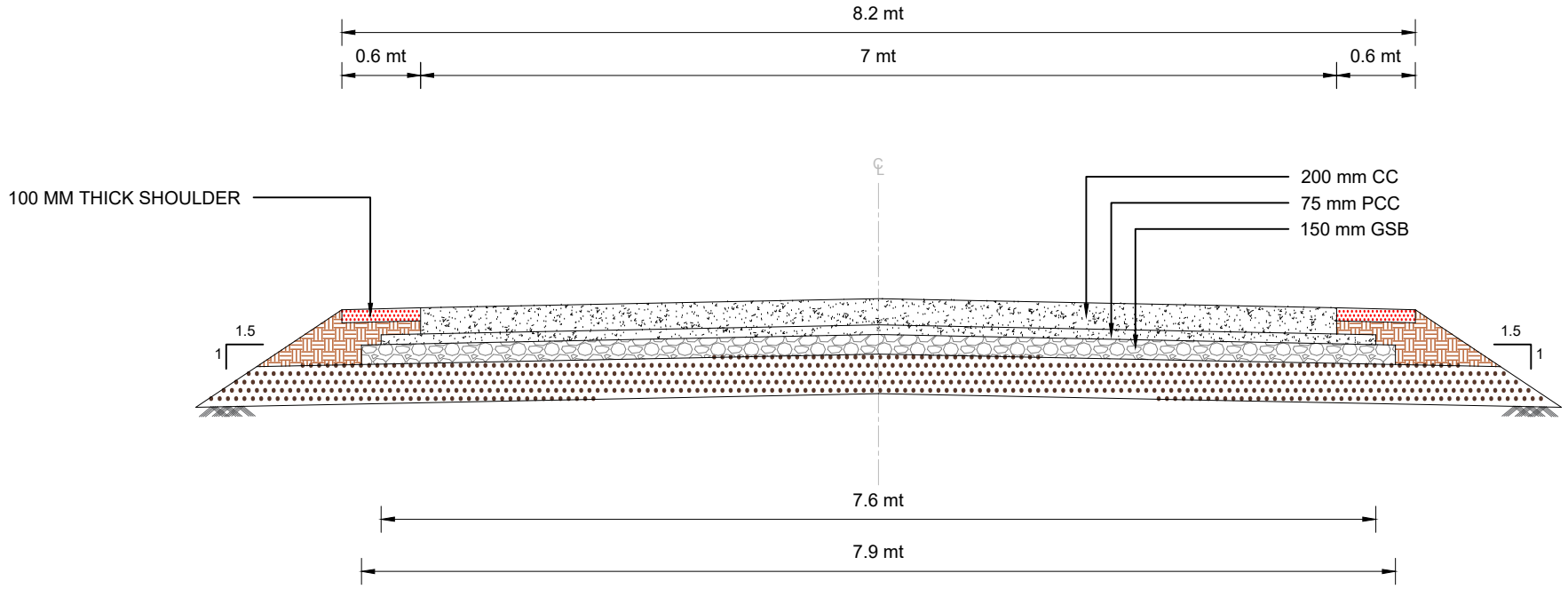
**RIVISION:** R0

MMGSY

**DRAWING NAME:** 2-ROW 900 MM DIA PIPE CULVERT

**CONSULTANT:**

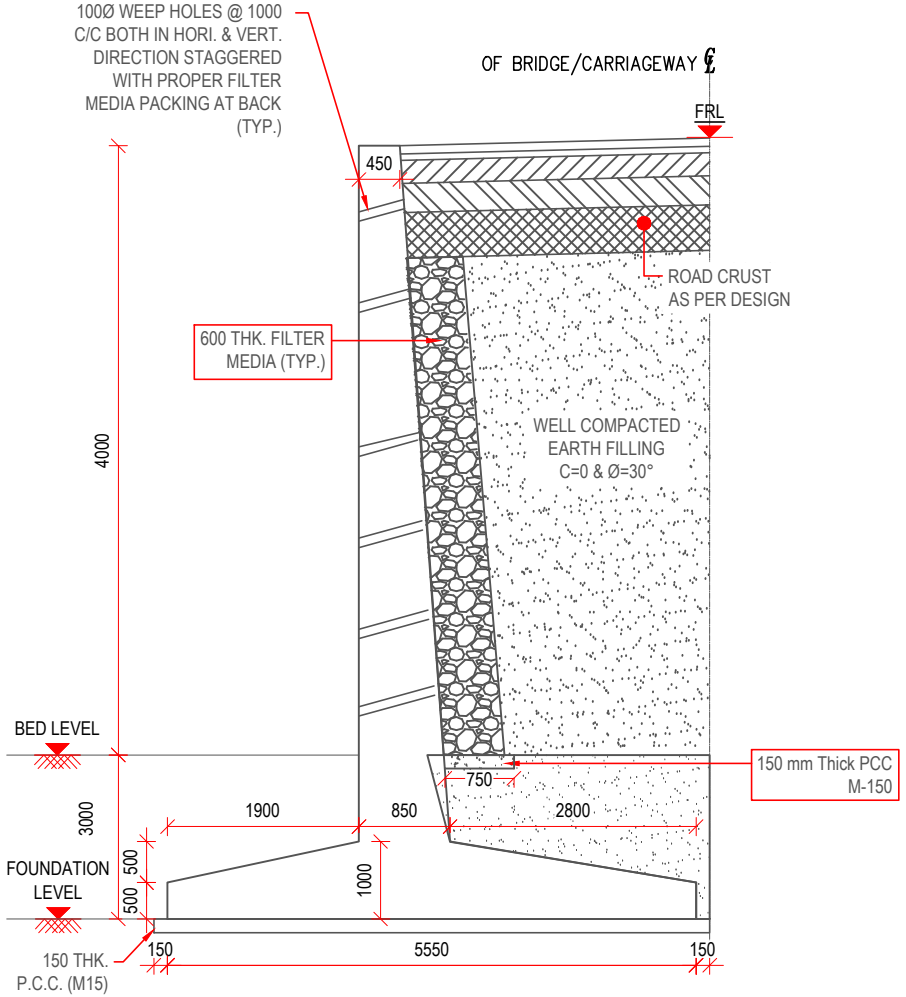
LK ENGINEERING & DESIGN CONSULTANT
Office Address : 45,46 Third Floor, "Earth Eon" Opp. Umi School, Sama Savli Road Vadodara-390008
Contact No.9313414355
Email id :-lkedc2020@lkedc.in




## TYPICAL CROSS-SECTION FOR NEW CONSTRUCTION OF CEMENT CONCRETE PAVEMENT

| | | | | | |
|---|---|---|---|---|---|
| **PROJECT:-**<br>CONSTRUCTION OF KHAMBHAT NAGRA ROAD TO VIJBA JANHIT CHILD SCHOOL ROAD (VRNP) KM. 0/000 TO 0/110 TA. :- KHAMBHAT DIST. :- ANAND | DEPUTY EXECUTIVE ENGINEER<br>PANCHAYAT (R & B) SUB DIVISION<br>KHAMBHAT | APPROVED BY | VIRAL PATEL | M.E CIVIL | DRG NO :- PANCHAYAT / ANAND / KHAMBHAT / 05 /01 |
| | | CHECKED BY | PRIT PARIKH | B.E CIVIL | TITLE :- TYPICAL CROSS SECTION OF ROAD |
| | | DESIGNED BY | MANAN SHAH | B.E CIVIL | CONSULTANTS :- |
| | | DRAWN BY | RAHUL PARMAR | DRAFTSMAN | |
| | | DATE | 26/03/2026 | SCALE N.T.S | |

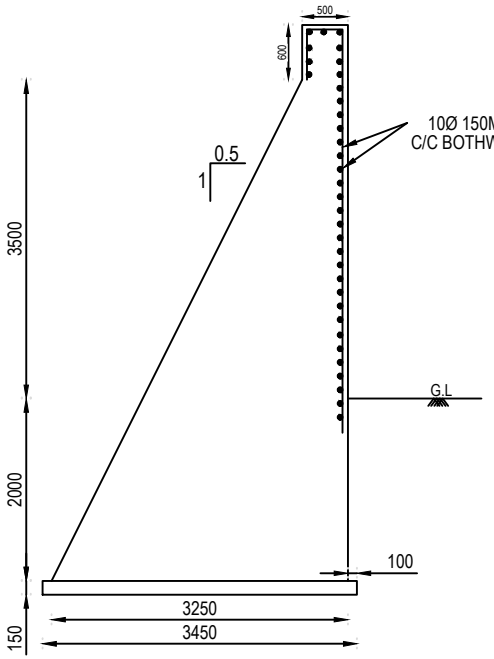
LK ENGINEERING & DESIGN CONSULTANT
Office Address : 45,46 Third Floor, "Earth Eon" Opp. Urmi School,
Sama Savli Road Vadodara-390008
Contact No.:8313414355
Email id :lkedc2020@lkedc.in



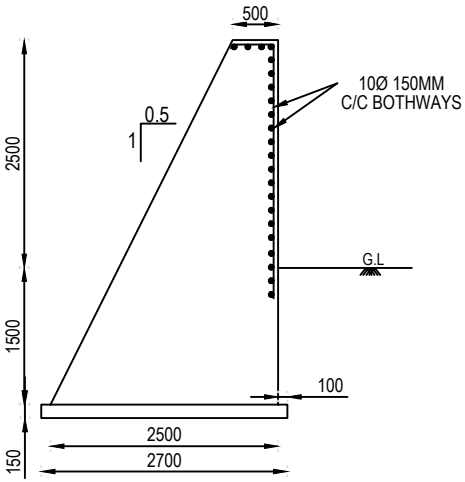

## TYP. SECTION FOR RETAINING WALL LHS - RHS

(CONCRETE DIMENSIONS)

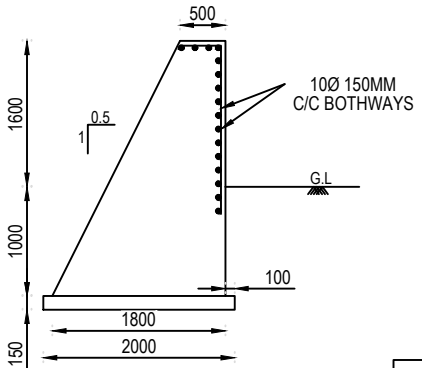
SCALE 1:50



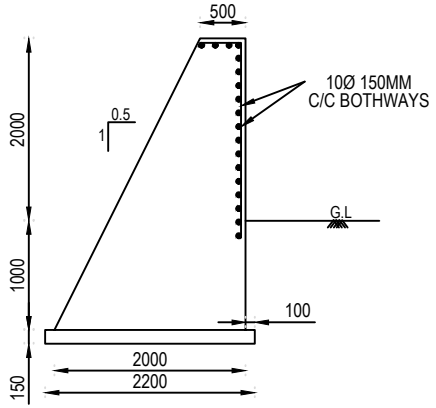

3.5 MT HEIGHT PROTECTION WALL




2.5 MT HEIGHT PROTECTION WALL




1.6 MT HEIGHT PROTECTION WALL




2.0 MT HEIGHT PROTECTION WALL

NOTES :

1. ALL DIMENSIONS ARE IN MM OTHERWISE STATED.
2. CONCRETE GRADE FOR C.C M-15, & P.C.C IN M-10.
3. 600 MM THK FILTER MEDIA BEHIND WALL AS PER MORTH SPECIFICATION.
4. 100 MM DIA WEEP HOLE 1000 MM C/C HORIZONTAL & VERTICAL SPACED IN STAGGERED FORMATION.
5. SBC BELOW PREOTECTION WALL - 20 $T/M^2$ SHALL BE VERIFIED BEFORE EXECUTION.
6. STEEL SHALL BE USED FE 550 D CONFORMING RELATIVE IS CODE.

NAME OF WORK:-

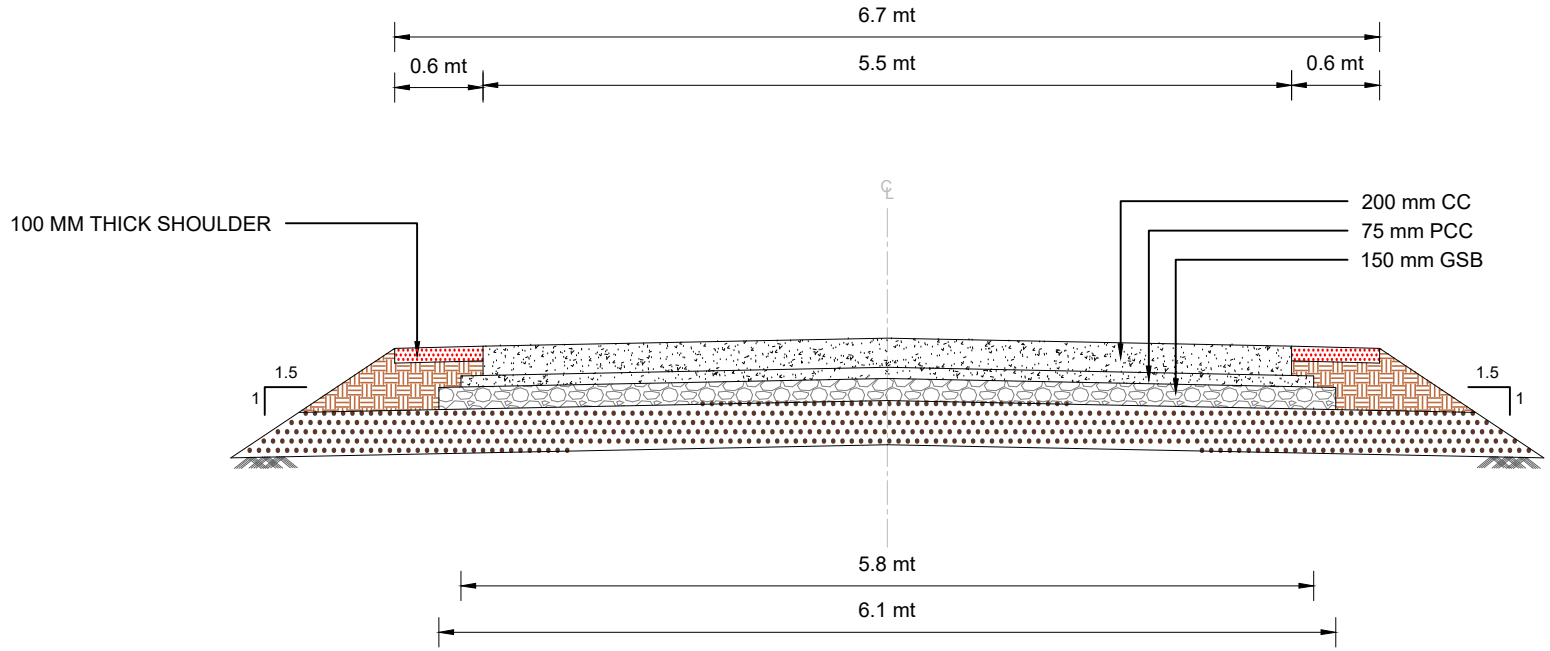
**CONSTRUCTION OF KHAMBHAT NAGRA ROAD TO VIJBA JANHIT CHILD SCHOOL ROAD (VRNP) KM. 0/000 TO 0/110 TA. :- KHAMBHAT DIST. :- ANAND**

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

| | | | |
|---|---|---|---|
| SCALE | NTS | | |
| APPROVED BY | VIRAL PATEL | M.E CIVIL | |
| CHECKED BY | BIRAL PATEL | M.E CIVIL | |
| DESIGNED BY | MANAN SHAH | B.E CIVIL | |
| DRAWN BY | RAHUL PARMAR | DRAFTSMAN | |

CONSULTANT:-

LK DESIGN CONSULTANT
LK ENGINEERING & DESIGN CONSULTANT
Office Address : 45,46 Third Floor, "Earth Eon" Opp. Urmi School,
Sama Savli Road Vadodara-390008
Contact No.9313414355
Email id :-lkedc2020@lkedc.in




# TYPICAL CROSS-SECTION FOR NEW CONSTRUCTION OF CEMENT CONCRETE PAVEMENT

| | | | | | |
|---|---|---|---|---|---|
| **PROJECT:-**<br><br>**CONSTRUCTION OF KHAMBHAT DHARMAJ HIGHWAY TO GAYATRI SANSKAR MANDAL JOINING ROAD (VRNP) KM. 0/000 TO 0/290 TA. :- KHAMBHAT DIST. :- ANAND** | **DEPUTY EXECUTIVE ENGINEER**<br>**PANCHAYAT (R & B) SUB DIVISION**<br>**KHAMBHAT** | **APPROVED BY** | **VIRAL PATEL** | **M.E CIVIL** | **DRG NO :- PANCHAYAT / ANAND / KHAMBHAT / 05 /03** |
| | | **CHECKED BY** | **PRIT PARIKH** | **B.E CIVIL** | **TITLE :- TYPICAL CROSS SECTION OF ROAD** |
| | | **DESIGNED BY** | **MANAN SHAH** | **B.E CIVIL** | **CONSULTANTS :-** |
| | | **DRAWN BY** | **RAHUL PARMAR** | **DRAFTSMAN** | LK ENGINEERING & DESIGN CONSULTANT<br>Office Address : 45,46 Third Floor, "Earth Eon" Opp. Urmi School,<br>Sama Savli Road Vadodara-390008<br>Contact No.9313414355<br>Email id :-lkedc2020@lkedc.in |
| | | **DATE** | **26/03/2026** | **SCALE** **N.T.S** | |