

PROJECT:-

CONSTRUCTION OF KHATANAL VILLAGE NARANPURA ROAD
TO KOTHIYAPURA & TEKARAPURA UDEL JOINING ROAD
(VRNP) KM. 0/000 TO 2/660 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	18/03/2026	

SCALE N.T.S

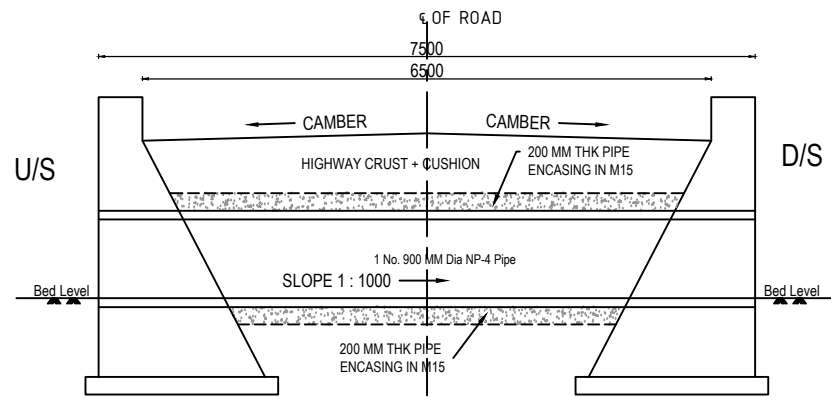
DRG NO :- PANCHAYAT / ANAND / KHAMBHAT / 04 /04

TITLE :- TYPICAL CROSS SECTION OF ROAD

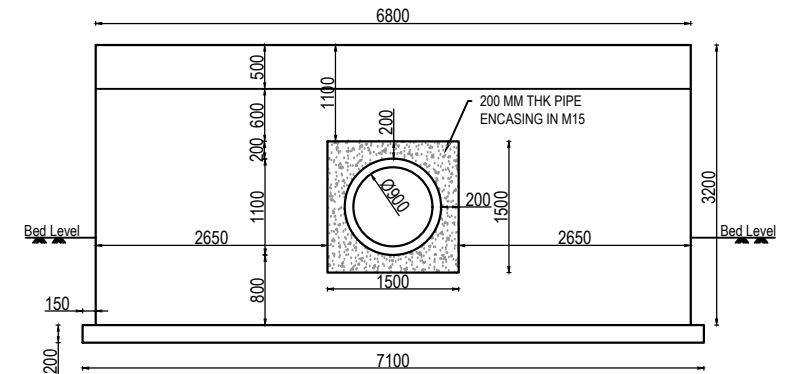
CONSULTANTS :-



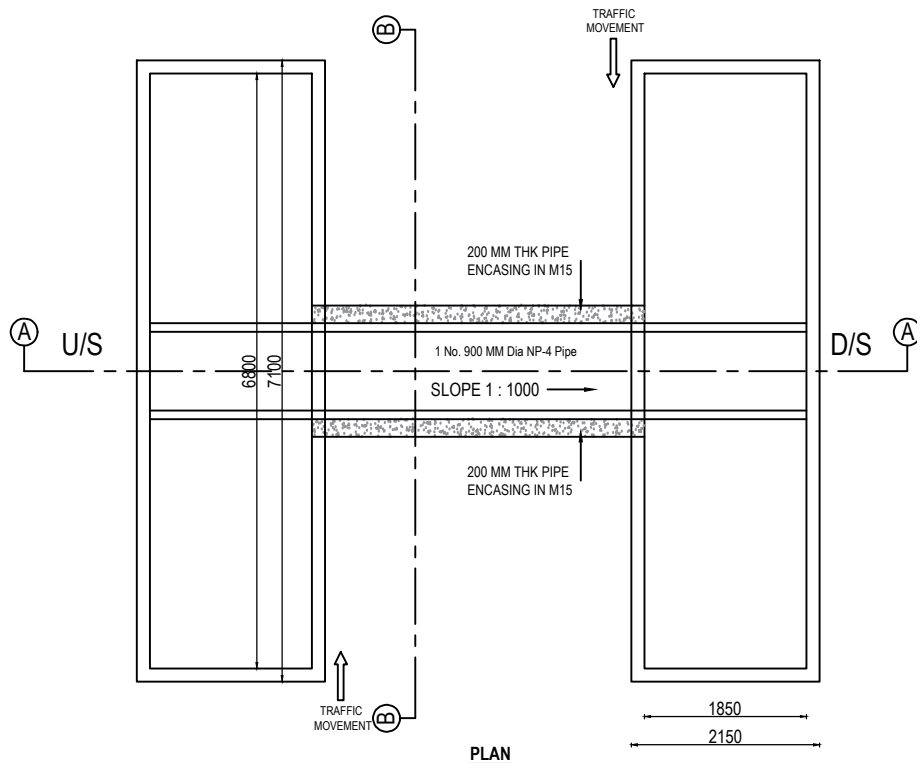
LK ENGINEERING & DESIGN CONSULTANT
Office Address :- 45/46 Third Floor, "Earth Eer" Opp.
Urmi School,
Sarna Sivil Road Vidyalaya-300008
Contact No.9313414355
Email Id :-lkedc2020@gmail.com



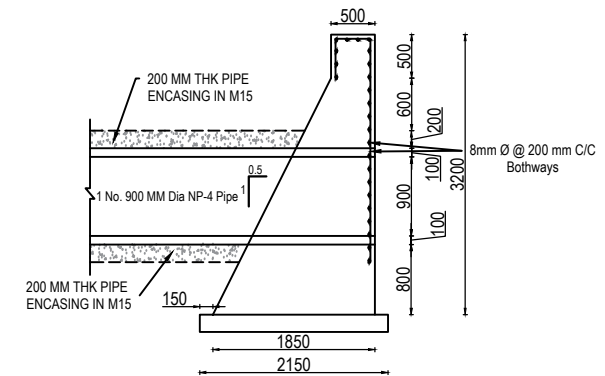
SECTION A-A



SECTION B-B



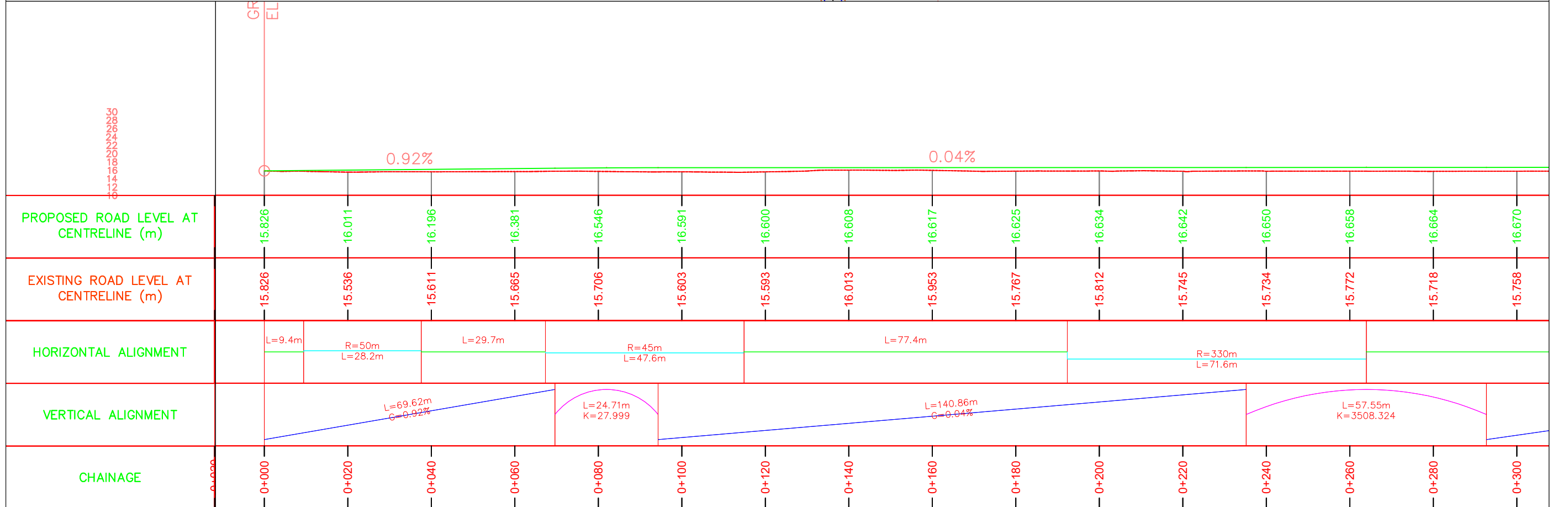
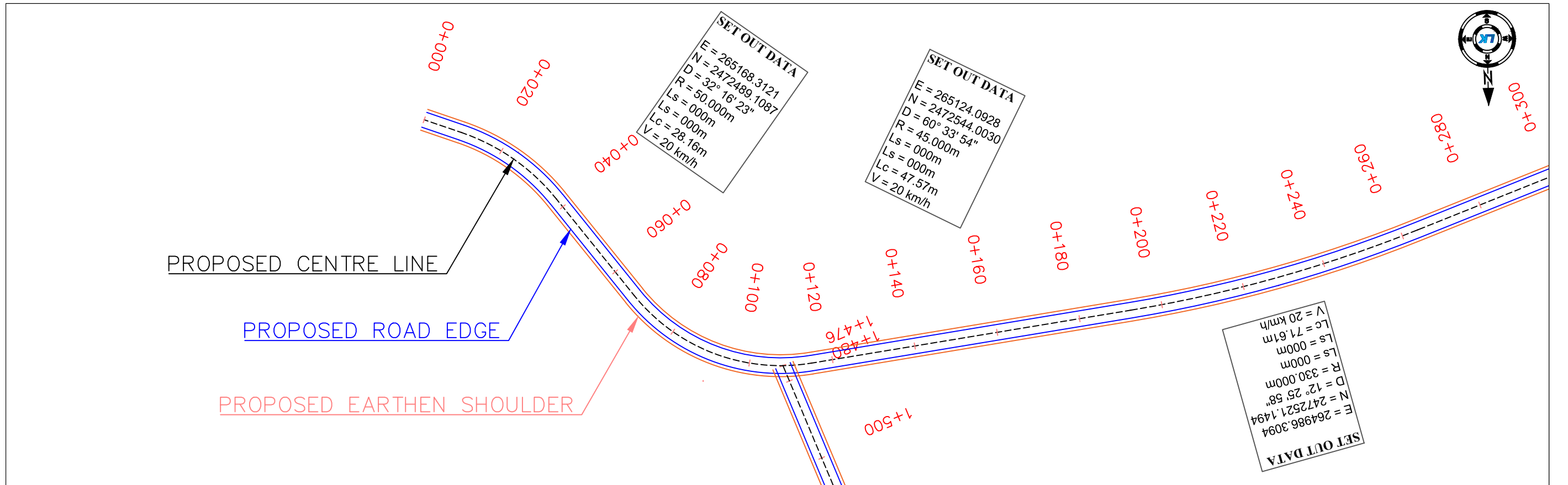
PLAN



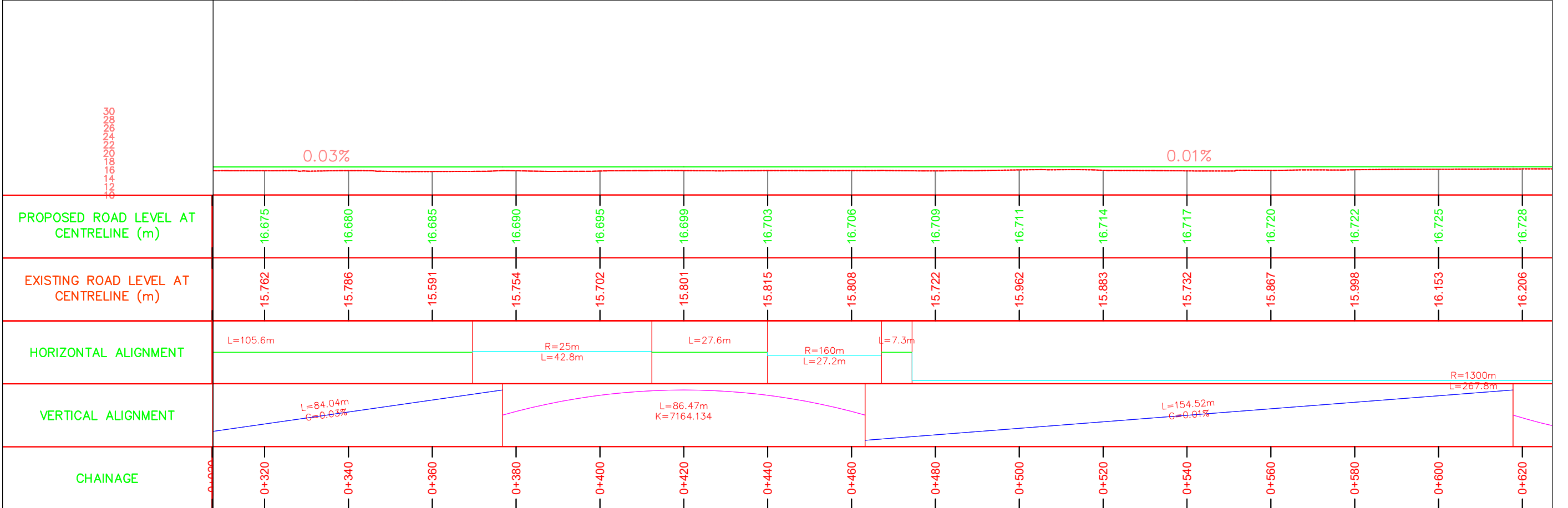
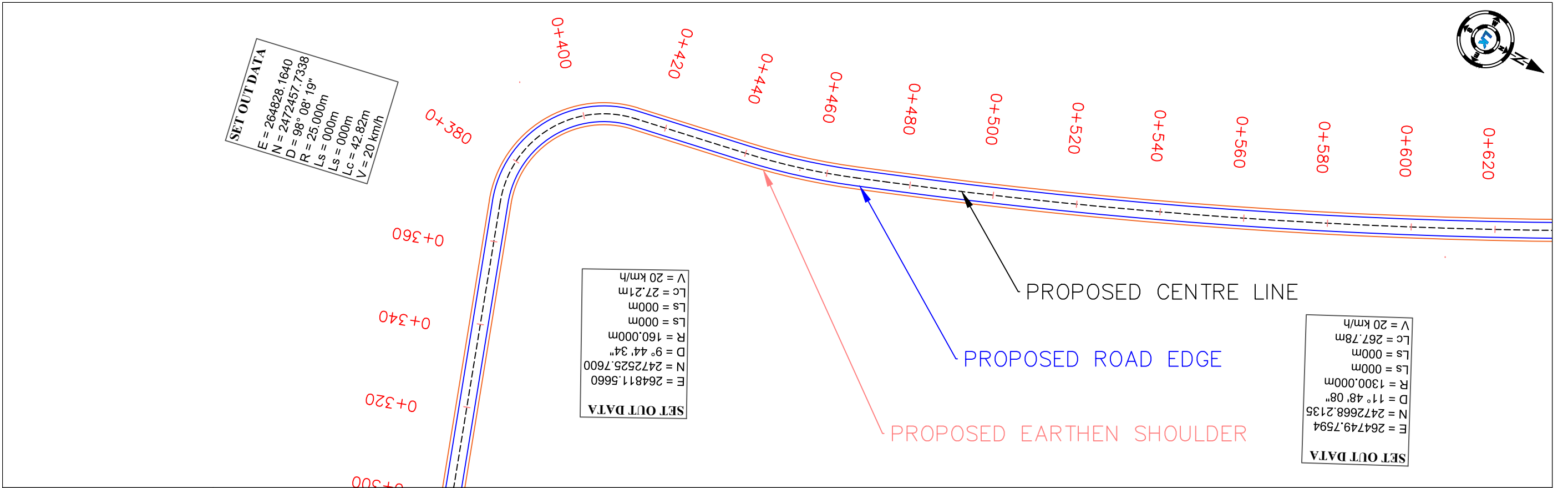
**SECTION SHOWING HEAD WALL (M15)
WITH REINFORCEMENT DETAIL**


- 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 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.

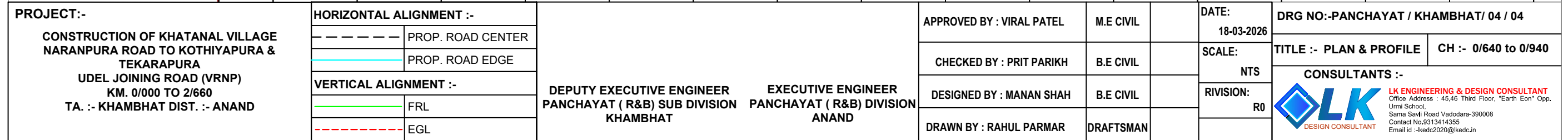
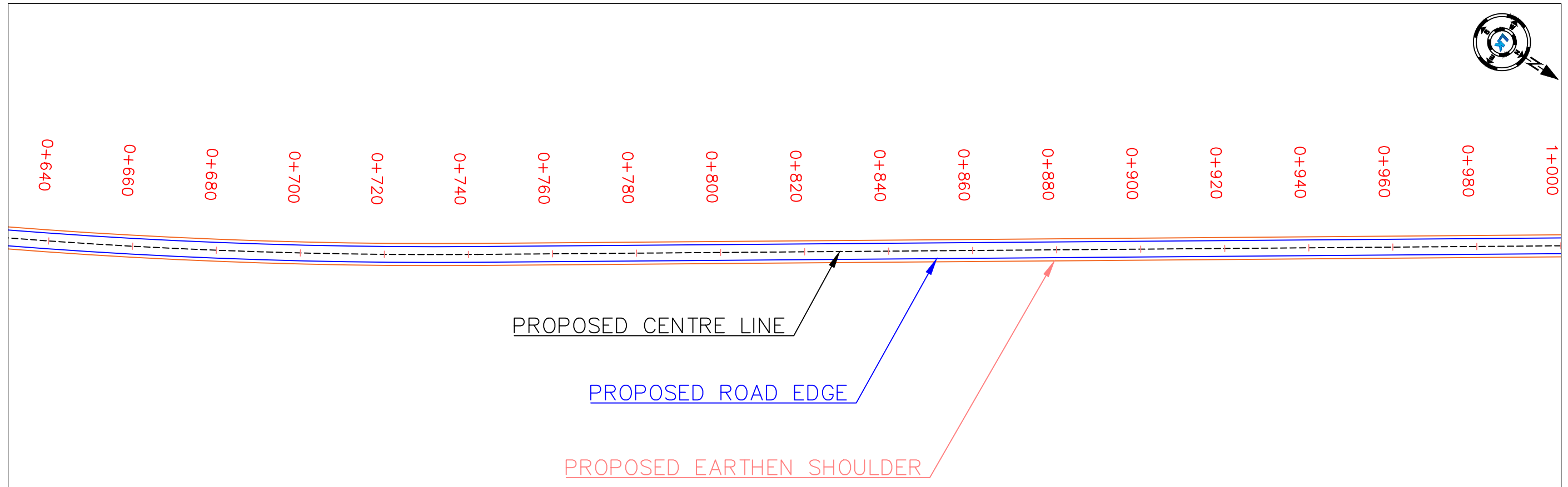
<p>NAME OF WORK:</p> <p>CONSTRUCTION OF KHATANAL VILLAGE NARANPURA ROAD TO KOTHIYAPURA & TEKARAPURA UDEL JOINING ROAD (VRNP) KM. 0/000 TO 2/660 TA. :- KHAMBHAT DIST. :- ANAND</p>	<p>DEPUTY EXECUTIVE ENGINEER PANCHAYAT (R&B) SUB DIVISION KHAMBHAT</p> <p>EXECUTIVE ENGINEER PANCHAYAT (R&B) DIVISION ANAND</p>	<p>APPROVED BY : VIRAL PATEL M.E CIVIL</p> <p>CHECKED BY : BIRAL PATEL M.E CIVIL</p> <p>DESIGNED BY : PALAK UKANI M.E CIVIL</p> <p>DRAWN BY : PRANAV VALAND DRAFTSMAN</p>	<p>DATE: 18-03-2026</p> <p>SCALE: NTS</p> <p>REVISION: R0</p> <p>MMGSY</p>	<p>DRAWING NAME: 1-ROW 900 MM DIA PIPE CULVERT</p> <p>CONSULTANT:</p> <p>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@gmail.com</p>
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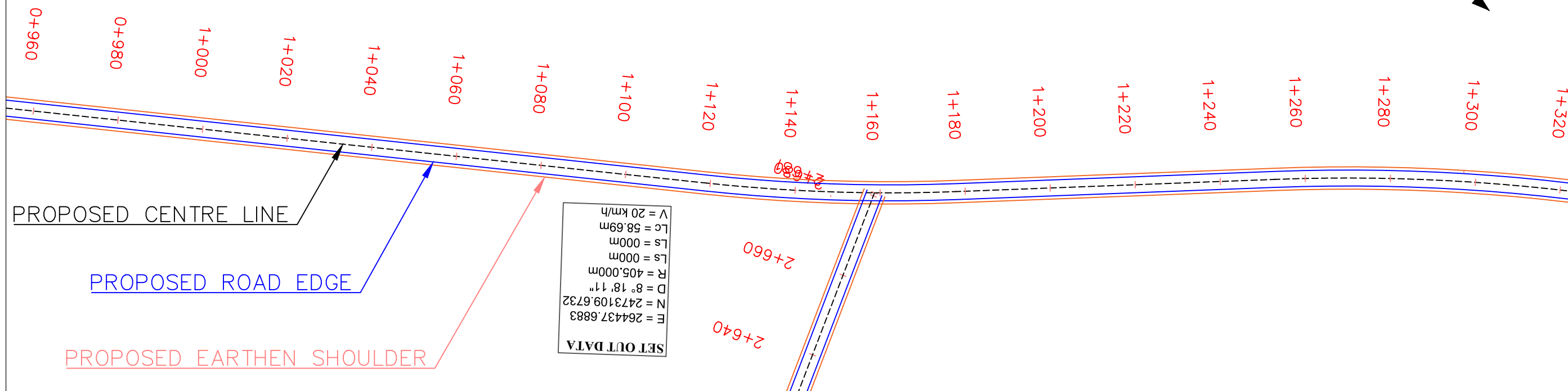


PROJECT:- CONSTRUCTION OF KHATANAL VILLAGE NARANPURA ROAD TO KOTHIYAPURA & TEKARAPURA UDEL JOINING ROAD (VRNP) KM. 0/000 TO 2/660 TA. :- KHAMBHAT DIST. :- ANAND	HORIZONTAL ALIGNMENT :-		DEPUTY EXECUTIVE ENGINEER PANCHAYAT (R&B) SUB DIVISION KHAMBHAT	EXECUTIVE ENGINEER PANCHAYAT (R&B) DIVISION ANAND	APPROVED BY : VIRAL PATEL	M.E CIVIL	DATE: 18-03-2026	DRG NO:-PANCHAYAT / KHAMBHAT/ 04 / 04	
	— — — — —	PROP. ROAD CENTER			CHECKED BY : PRIT PARIKH	B.E CIVIL	SCALE: NTS	TITLE :- PLAN & PROFILE	CH :- 0/000 to 0/300
		PROP. ROAD EDGE							
	VERTICAL ALIGNMENT :-				DESIGNED BY : MANAN SHAH	B.E CIVIL	RIVISION: R0		
		FRL			DRAWN BY : RAHUL PARMAR	DRAFTSMAN			
	---	EGL							




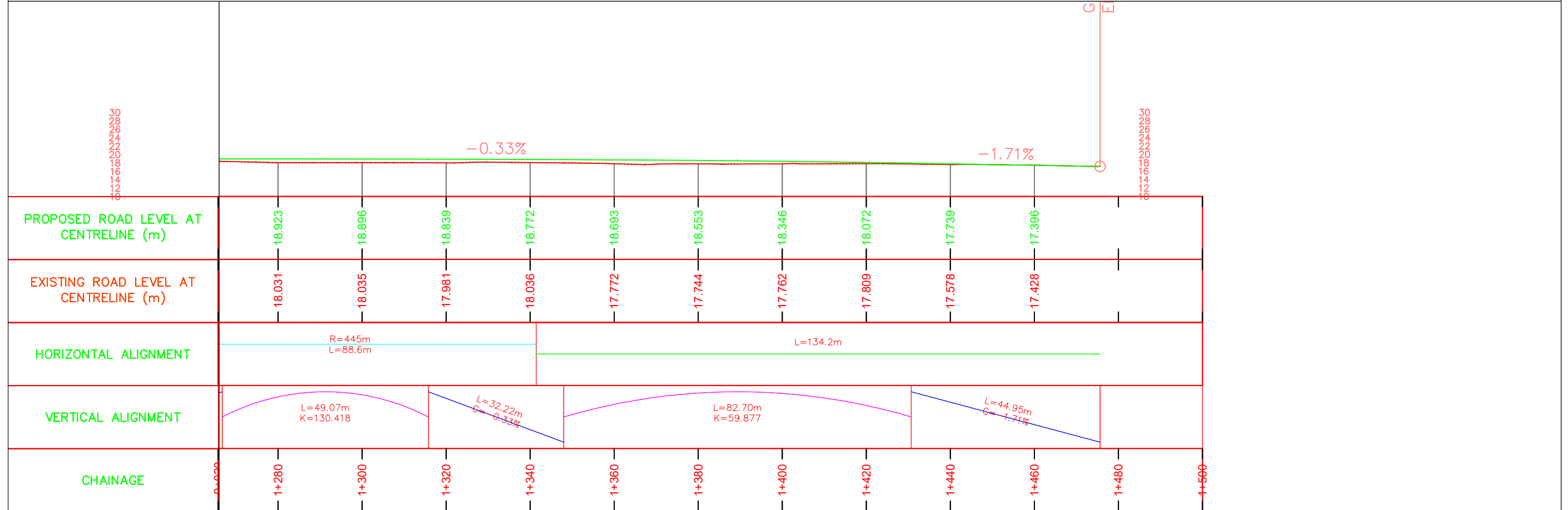
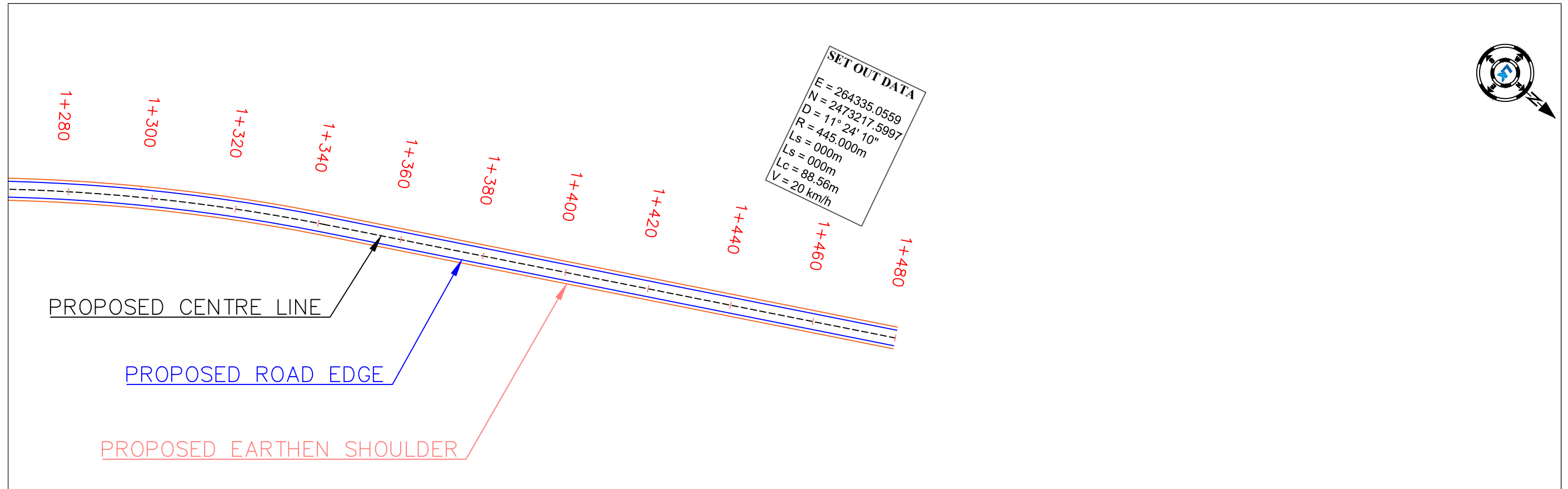
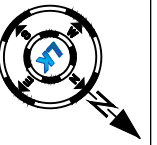
<div>PROJECT:-</div> <div>CONSTRUCTION OF KHATANAL VILLAGE NARANPURA ROAD TO KOTHIYAPURA & TEKARAPURA</div> <div>UDEL JOINING ROAD (VRNP) KM. 0/000 TO 2/660</div> <div>TA. :- KHAMBHAT DIST. :- ANAND</div>	HORIZONTAL ALIGNMENT :-		<div>DEPUTY EXECUTIVE ENGINEER PANCHAYAT (R&B) SUB DIVISION KHAMBHAT</div> <div>EXECUTIVE ENGINEER PANCHAYAT (R&B) DIVISION ANAND</div>	APPROVED BY : VIRAL PATEL	M.E CIVIL		DATE: 18-03-2026	DRG NO:-PANCHAYAT / KHAMBHAT/ 04 / 04	
	— — — — —	PROP. ROAD CENTER		CHECKED BY : PRIT PARIKH	B.E CIVIL		SCALE:	TITLE :- PLAN & PROFILE	CH :- 0/320 to 0/620
		PROP. ROAD EDGE		DESIGNED BY : MANAN SHAH	B.E CIVIL		NTS	CONSULTANTS :-	
	VERTICAL ALIGNMENT :-			DRAWN BY : RAHUL PARMAR	DRAFTSMAN		RIVISION:	<div><div>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</div></div>	
		FRL				R0			
	-----	EGL							






	<div><div>30</div><div>28</div><div>26</div><div>24</div><div>22</div><div>20</div><div>18</div><div>16</div><div>14</div><div>12</div><div>10</div></div>															
	<div><div>1.13%</div><div>0.59%</div><div>-1.46%</div><div>0.04%</div></div>															
PROPOSED ROAD LEVEL AT CENTRELINE (m)	18.326	18.552	18.778	19.004	19.230	19.436	19.573	19.690	19.808	19.826	19.641	19.348	19.078	18.931	18.913	18.921
EXISTING ROAD LEVEL AT CENTRELINE (m)	17.372	17.854	17.890	18.283	18.275	18.556	18.584	18.557	18.817	19.025	18.650	18.493	18.462	18.343	18.198	18.293
HORIZONTAL ALIGNMENT	<div><div></div><div>R=405m L=58.7m</div><div>L=75.1m</div><div></div></div>															
VERTICAL ALIGNMENT	<div><div>L=110.81m G=1.13%</div><div>L=28.26m K=52.054</div><div>L=46.01m G=0.59%</div><div>L=40.55m K=19.772</div><div>L=28.02m G=-1.46%</div><div>L=43.86m K=29.113</div><div>L=34.16m G=0.04%</div></div>															
CHAINAGE	0+960	0+980	1+000	1+020	1+040	1+060	1+080	1+100	1+120	1+140	1+160	1+180	1+200	1+220	1+240	1+260

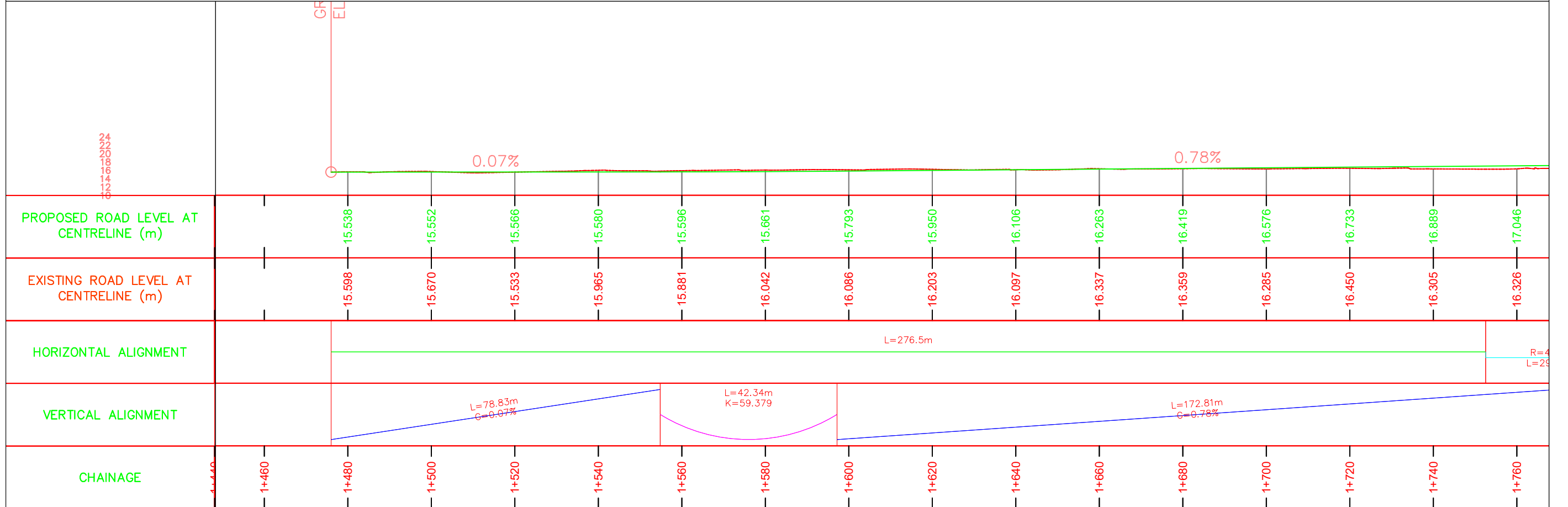
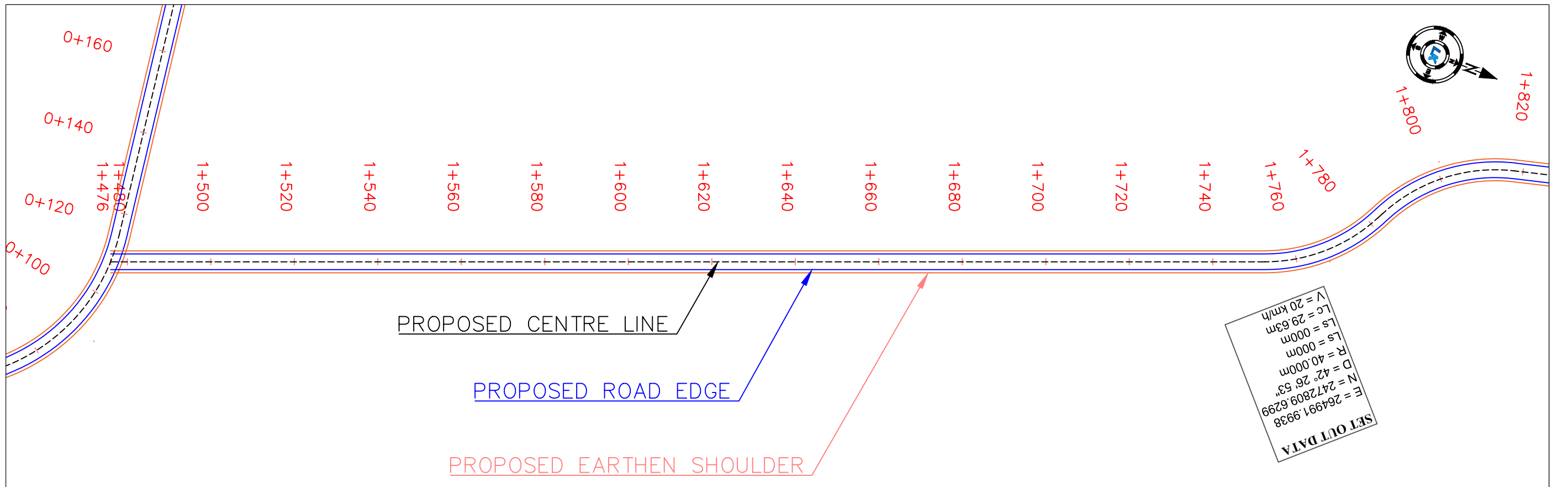
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	---	PROP. ROAD CENTER			CHECKED BY : PRIT PARIKH	B.E CIVIL	SCALE: NTS	TITLE :- PLAN & PROFILE CH :- 0/960 to 1/260	
	---	PROP. ROAD EDGE			DESIGNED BY : MANAN SHAH	B.E CIVIL	RIVISION: R0	CONSULTANTS :-  LK ENGINEERING & DESIGN CONSULTANT Office Address : 45,46 Third Floor, "Earth Eon" Opp. Urmi School, Sama Savli Road Vadodara-390008 Contact No.9313414355 Email id :-lkedc2020@lkedc.in	
	---	VERTICAL ALIGNMENT :-			DRAWN BY : RAHUL PARMAR	DRAFTSMAN			
	---	FRL							
	---	EGL							




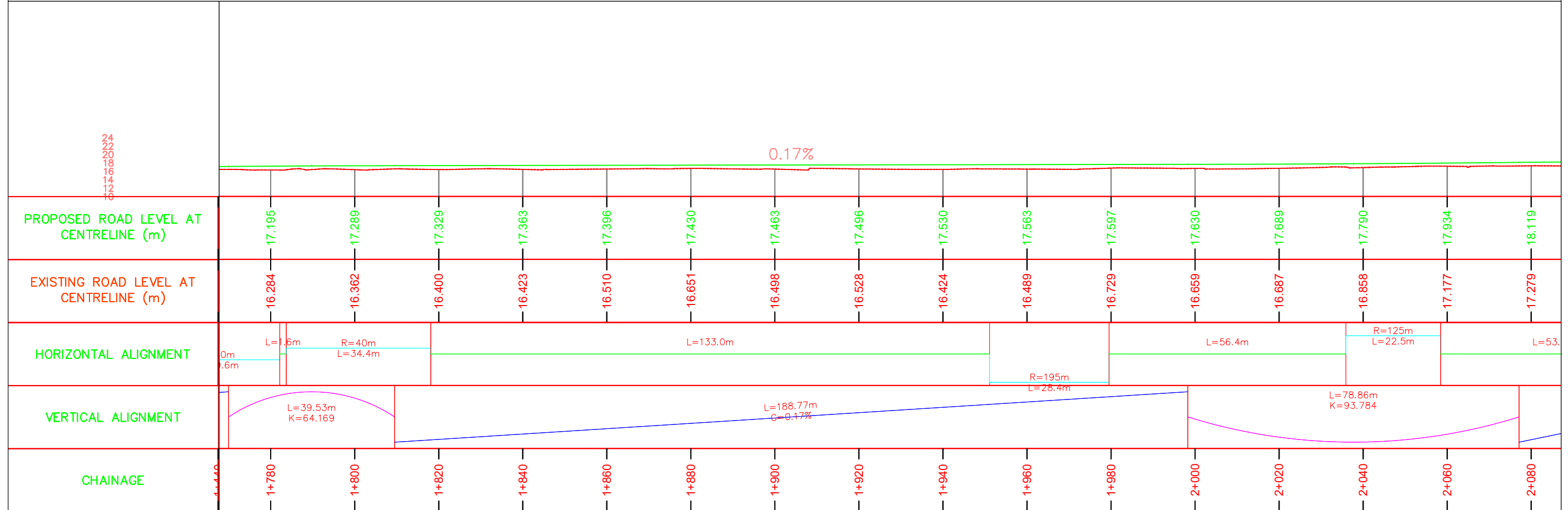
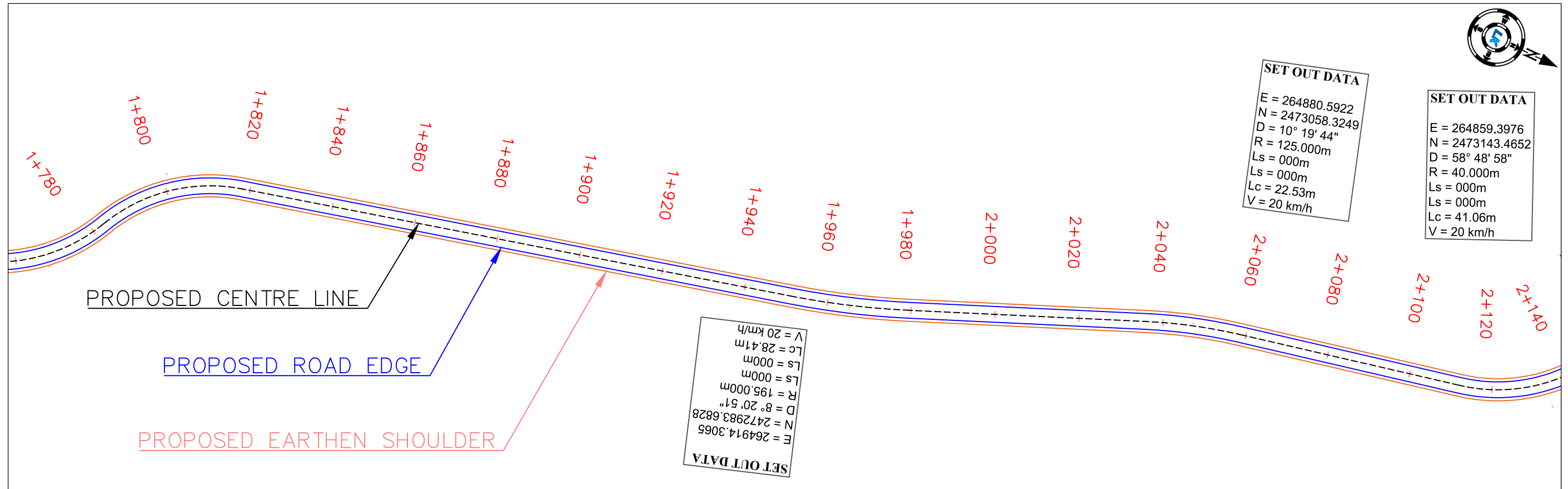
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	---	PROP. ROAD CENTER			CHECKED BY : PRIT PARIKH	B.E CIVIL		SCALE: NTS	TITLE :- PLAN & PROFILE	CH :- 1/280 to 1/480
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	VERTICAL ALIGNMENT :-				DRAWN BY : RAHUL PARMAR	DRAFTSMAN				
		FRL								
	---	EGL								




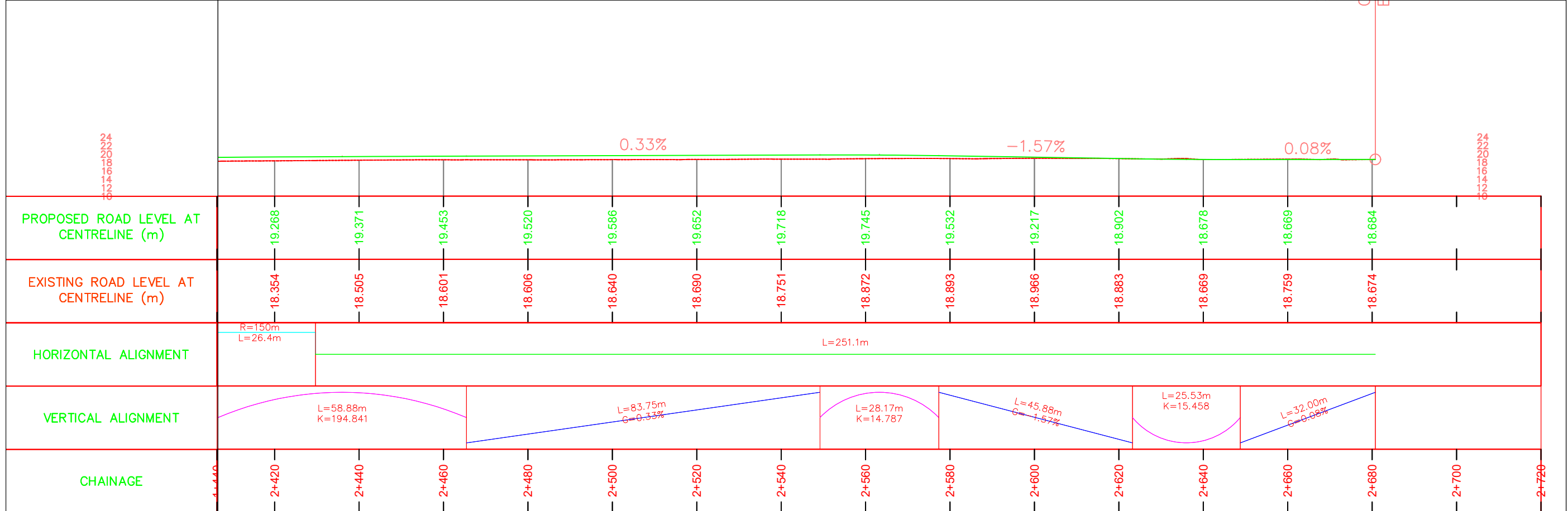
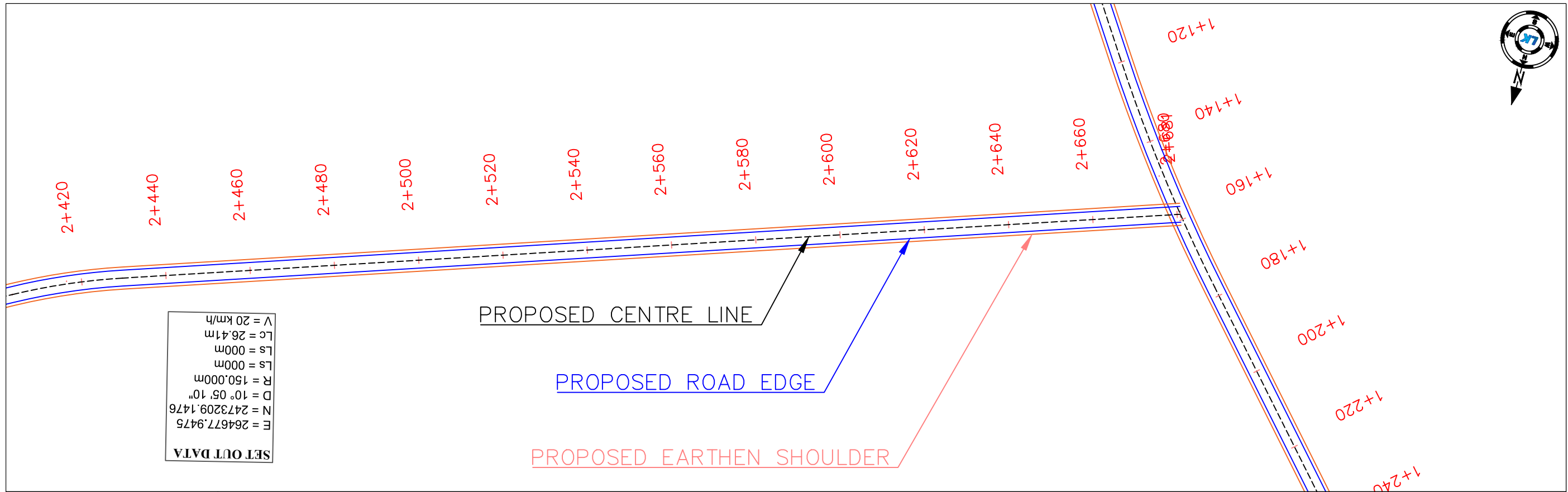
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	---	PROP. ROAD CENTER				CHECKED BY : PRIT PARIKH	B.E CIVIL		TITLE :- PLAN & PROFILE CH :- 1/460 to 1/760	
	---	PROP. ROAD EDGE				DESIGNED BY : MANAN SHAH	B.E CIVIL		CONSULTANTS :-  LK ENGINEERING & DESIGN CONSULTANT Office Address : 45/46 Third Floor, "Earth Eon" Opp. Urmi School, Sama Savli Road Vadodara-390008 Contact No.9313414355 Email id :-lkedc2020@lkedc.in	
	---	VERTICAL ALIGNMENT :-				DRAWN BY : RAHUL PARMAR	DRAFTSMAN			
	---	FRL								
	---	EGL						R0		



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	---	PROP. ROAD CENTER			CHECKED BY : PRIT PARIKH	B.E CIVIL	SCALE: NTS	TITLE :- PLAN & PROFILE CH :- 1/780 to 2/080	
	---	PROP. ROAD EDGE			DESIGNED BY : MANAN SHAH	B.E CIVIL	RIVISION: R0	CONSULTANTS :-  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	
	---	FRL			DRAWN BY : RAHUL PARMAR	DRAFTSMAN			
	---	EGL							



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	— — — — —	PROP. ROAD CENTER			CHECKED BY : PRIT PARIKH	B.E CIVIL		SCALE: NTS	TITLE :- PLAN & PROFILE	CH :- 2/420 to 2/680
		PROP. ROAD EDGE			DESIGNED BY : MANAN SHAH	B.E CIVIL		RIVISION: R0	CONSULTANTS :-	
	VERTICAL ALIGNMENT :-				DRAWN BY : RAHUL PARMAR	DRAFTSMAN		 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	
		FRL								
	----	EGL								

Name of Work : Construction of Khatanal Village Naranpura Road to Kothiyapura & Tekarapura Udel
Joining Road (VRNP) Km. 0/000 to 2/660 Ta. :- Khambhat Dist. :- Anand

ROAD CONDITION

Chainage :-	0/000
 <p>Latitude: 22.34225 Longitude: 72.720015 Elevation: 30.77±16.8 m Accuracy: 7.385 m Time: 10-03-2026 13:58 Note: Khatnal Village Naranpura Road to Kothiyapura and Tekarapura Udel joining Road</p> <p>Powered by NoteCam</p>	
Chainage :-	0/500
 <p>Latitude: 22.34218 Longitude: 72.716585 Altitude: -25.2±19.2 m Accuracy: 7.977 m Time: 10-03-2026 14:04 Note: Khatnal Village Naranpura Road to Kothiyapura and Tekarapura Udel joining Road</p> <p>Powered by NoteCam</p>	

Chainage :-

1/000



Chainage :-

1/500



Chainage :-

2/000



Latitude: 22.342854
Longitude: 72.716361
Elevation: 32.76±19.8 m
Accuracy: 29.75 m
Time: 10-03-2026 14:05

Note: Khatnal Village Naranpura Road to Kothiyapura and Tekarapura Udel joining Road

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Chainage :-

2/500



Latitude: 22.347874
Longitude: 72.712598
Elevation: 32.74±21.3 m
Accuracy: 11.39 m
Time: 10-03-2026 14:07

Note: Khatnal Village Naranpura Road to Kothiyapura and Tekarapura Udel joining Road

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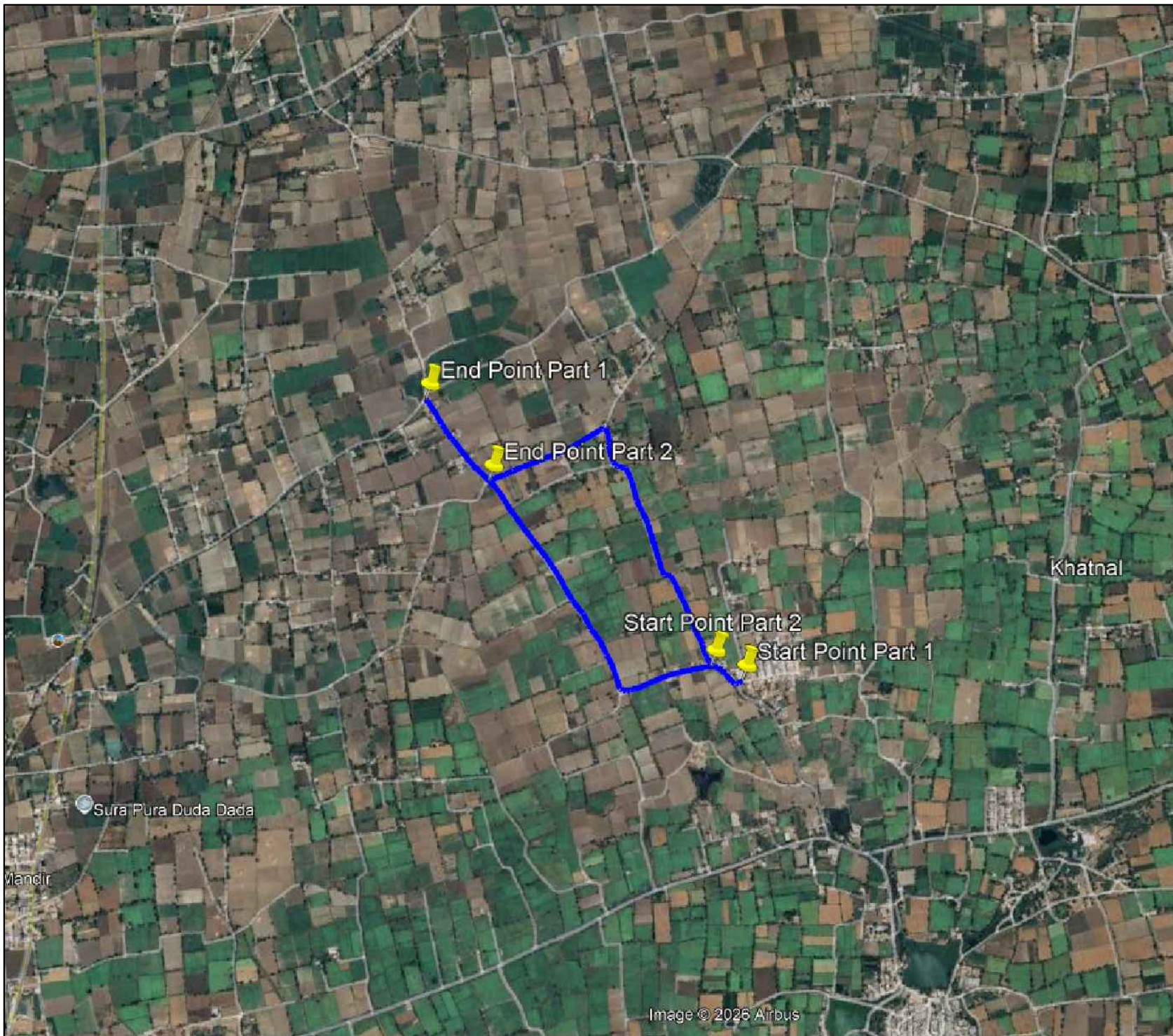


Latitude: 22.348226
Longitude: 72.716512
Elevation: 32.43±7.03 m
Accuracy: 5.459 m
Time: 10-03-2026 14:13

Note: Khatnal Village Naranpura Road to Kothiyapura and Tekarapura Udel joining Road.

Powered by NoteCam

INDEX MAP



NAME OF ROAD:-

CONSTRUCTION OF KHATANAL VILLAGE NARANPURA
ROAD TO KOTHIYAPURA & TEKARAPURA
UDEL JOINING ROAD (VRNP) KM. 0/000 TO 2/660 TA. :-
KHAMBHAT DIST. :- ANAND

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

EXECUTIVE ENGINEER
PANCHAYAT (R & B) DIVISION
ANAND

CONSULTANTS :-



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Office Address : 45/46 Third Floor, "Earth Eon" Opp.
Urmu School,
Sarna Sark Road Vadodara-390008
Contact No.0313414395
Email id -lkedco2025@lkedc.in