

CONTRACT NO.

**GUJARAT WATER INFRASTRUCTURE LIMITED
GANDHINAGAR**



Providing, supplying, lowering, laying, jointing, hydro-testing, and commissioning of Mild Steel (MS) pipeline, including all associated and allied works, for the onshore laying and offshore installation of the NC-9 bulk water pipeline including piling and encasing works in creek along the Surajbari Bridge, including all necessary crossings and structural supports at Maliya, Taluka Maliya, District Morbi.

**VOLUME – IV
BID DRAWINGS**

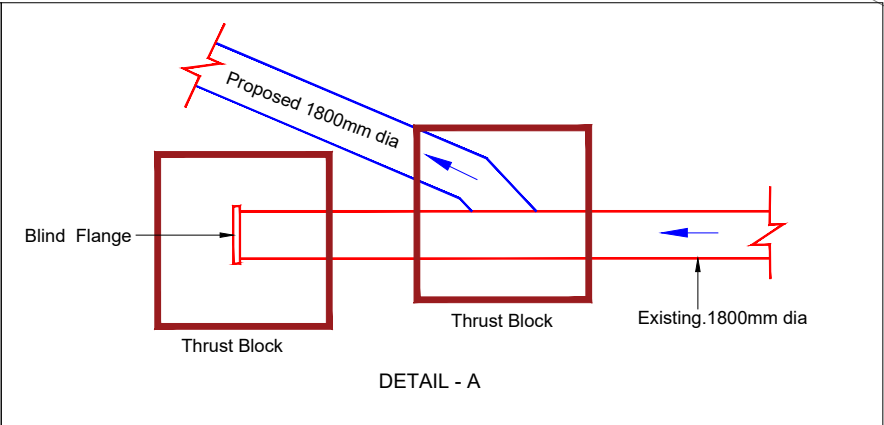
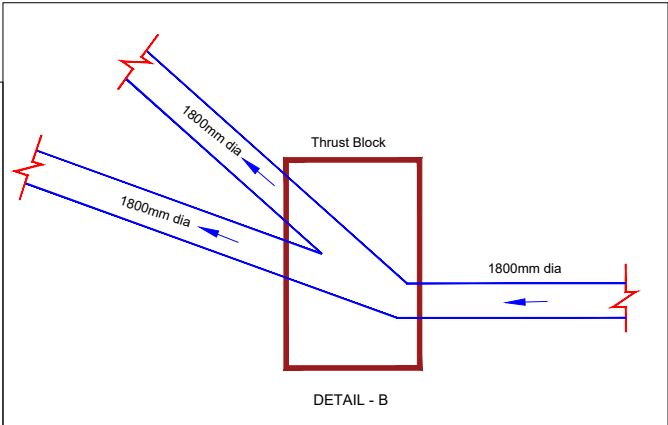
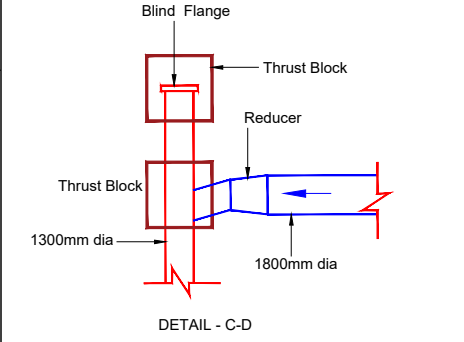
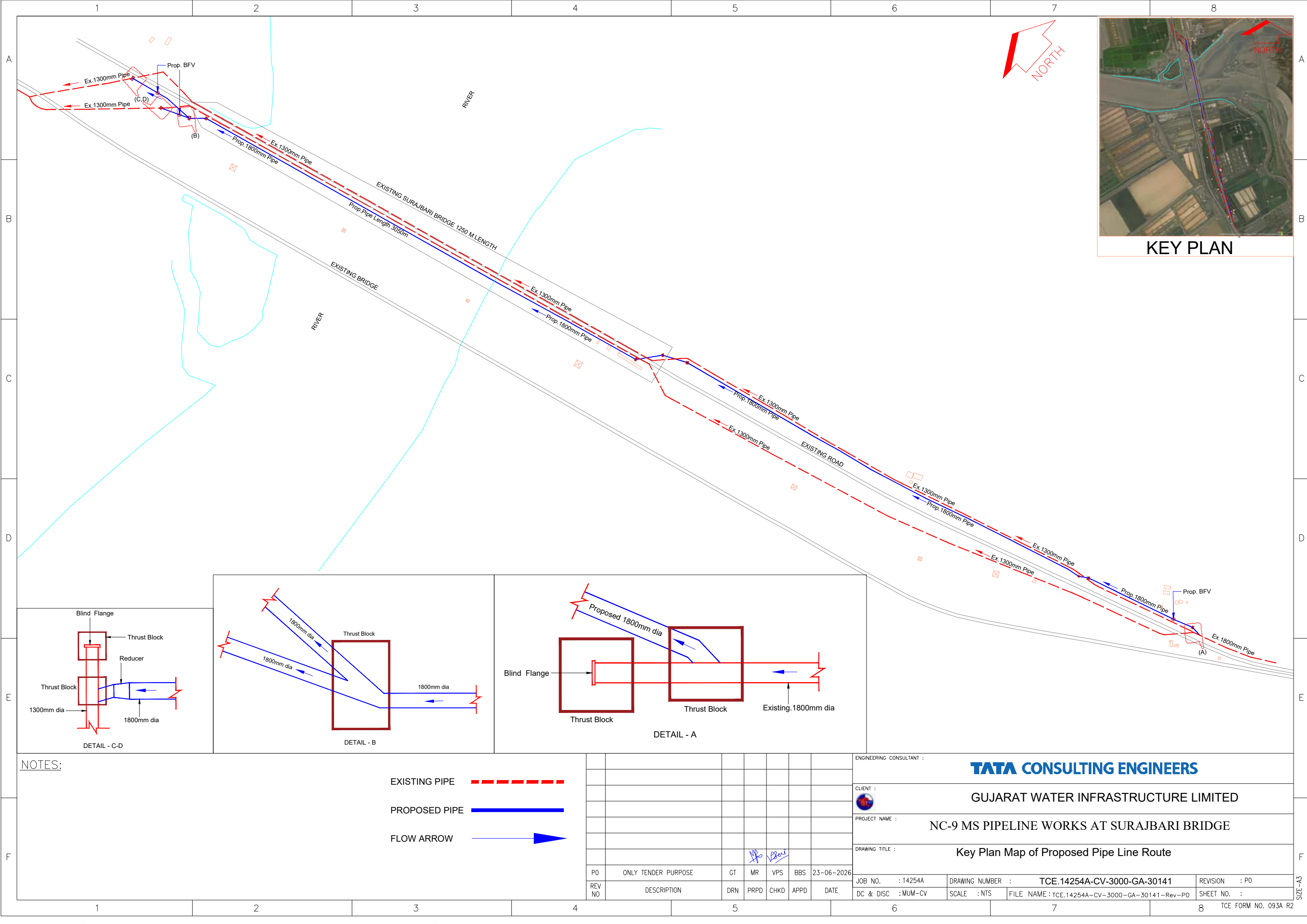
**Chief General Manager (Project)
Gujarat Water Infrastructure Limited
1st floor Block – 1, Jivraj Mehta Bhavan, Sector-10 Gandhinagar,
Gujarat – 382015**

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3.	TCE.14254A-CV-3000-SL-30147-Rev-P0	Typical Details of Thrust Blocks
4.	TCE.14254A-CV-3000-SL-30148-Rev-P0	Typical Arrangement and Details of Butterfly Valve Chamber
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Note:

All above drawings are only for reference. The contractor has to carry out detailed design and submit all the drawings accordingly.



NOTES:

EXISTING PIPE

PROPOSED PIPE

FLOW ARROW

PO	ONLY TENDER PURPOSE	GT	MR	VPS	BBS	23-06-2026			
REV NO	DESCRIPTION	DRN	PRPD	CHKD	APPD	DATE			

ENGINEERING CONSULTANT :

CLIENT :

PROJECT NAME :

DRAWING TITLE :

TATA CONSULTING ENGINEERS

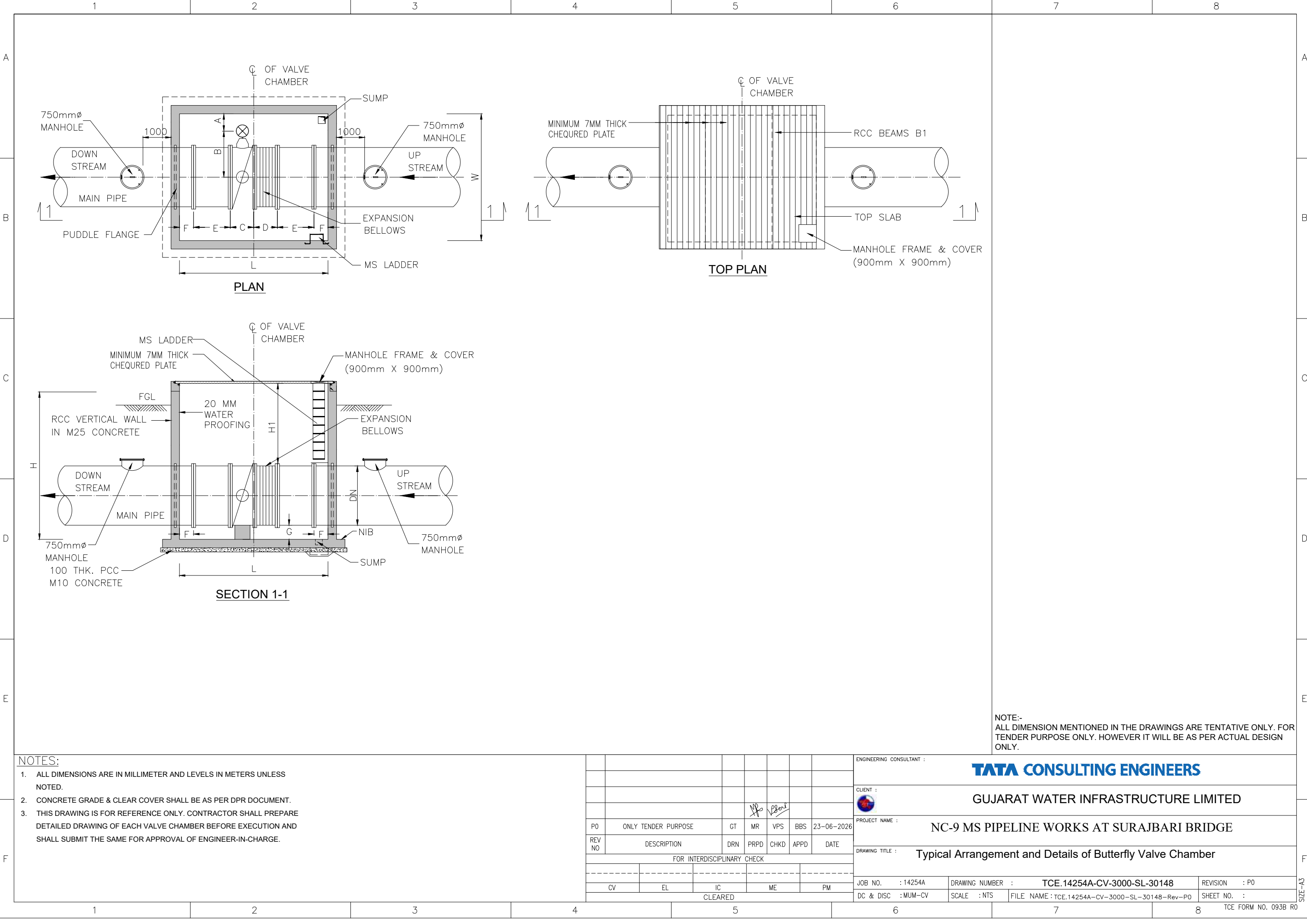
GUJARAT WATER INFRASTRUCTURE LIMITED

NC-9 MS PIPELINE WORKS AT SURAJBARI BRIDGE

Key Plan Map of Proposed Pipe Line Route

JOB NO. : 14254A	DRAWING NUMBER : TCE.14254A-CV-3000-GA-30141	REVISION : P0
DC & DISC : MUM-CV	SCALE : NTS	FILE NAME : TCE.14254A-CV-3000-GA-30141-Rev-P0
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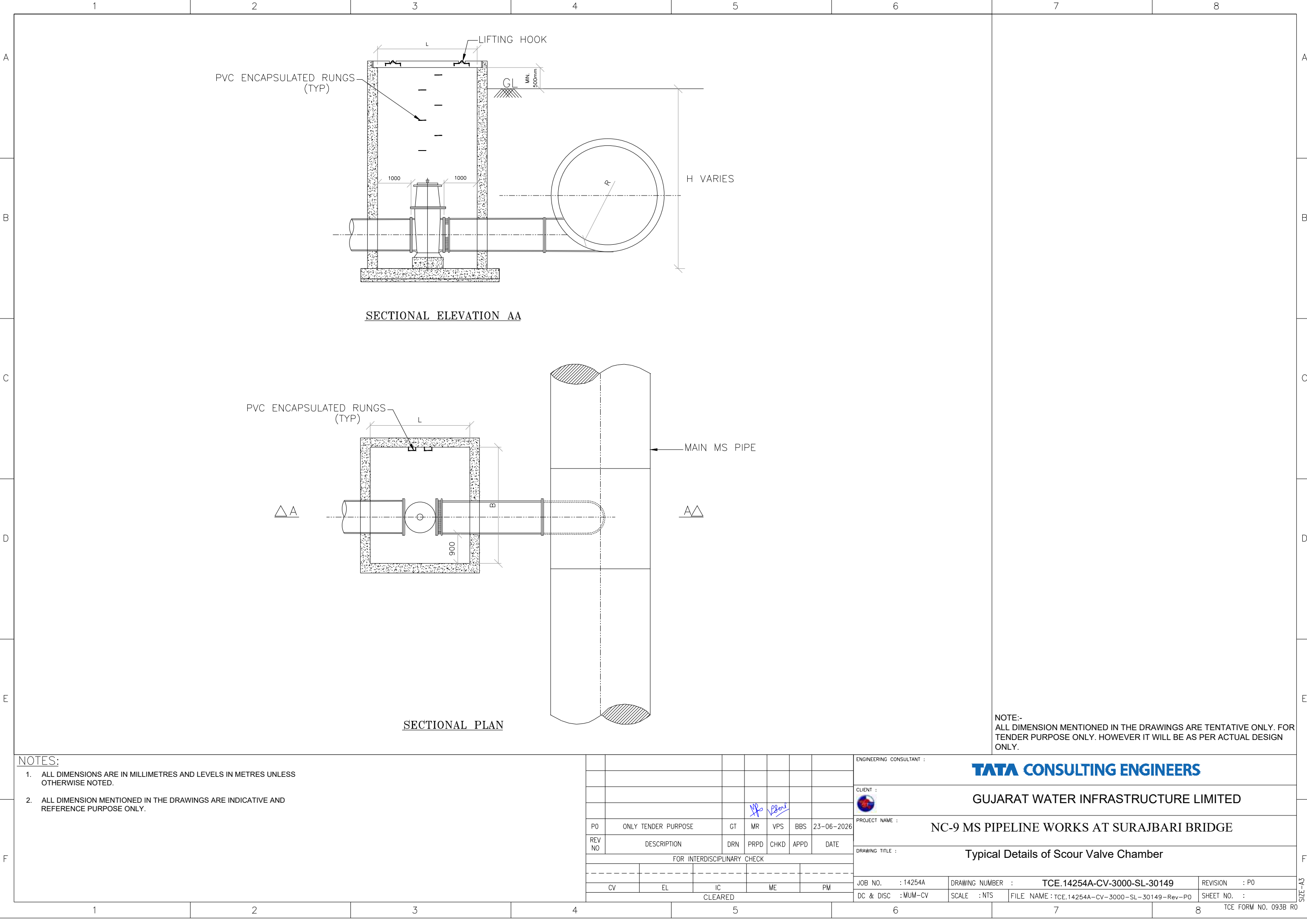


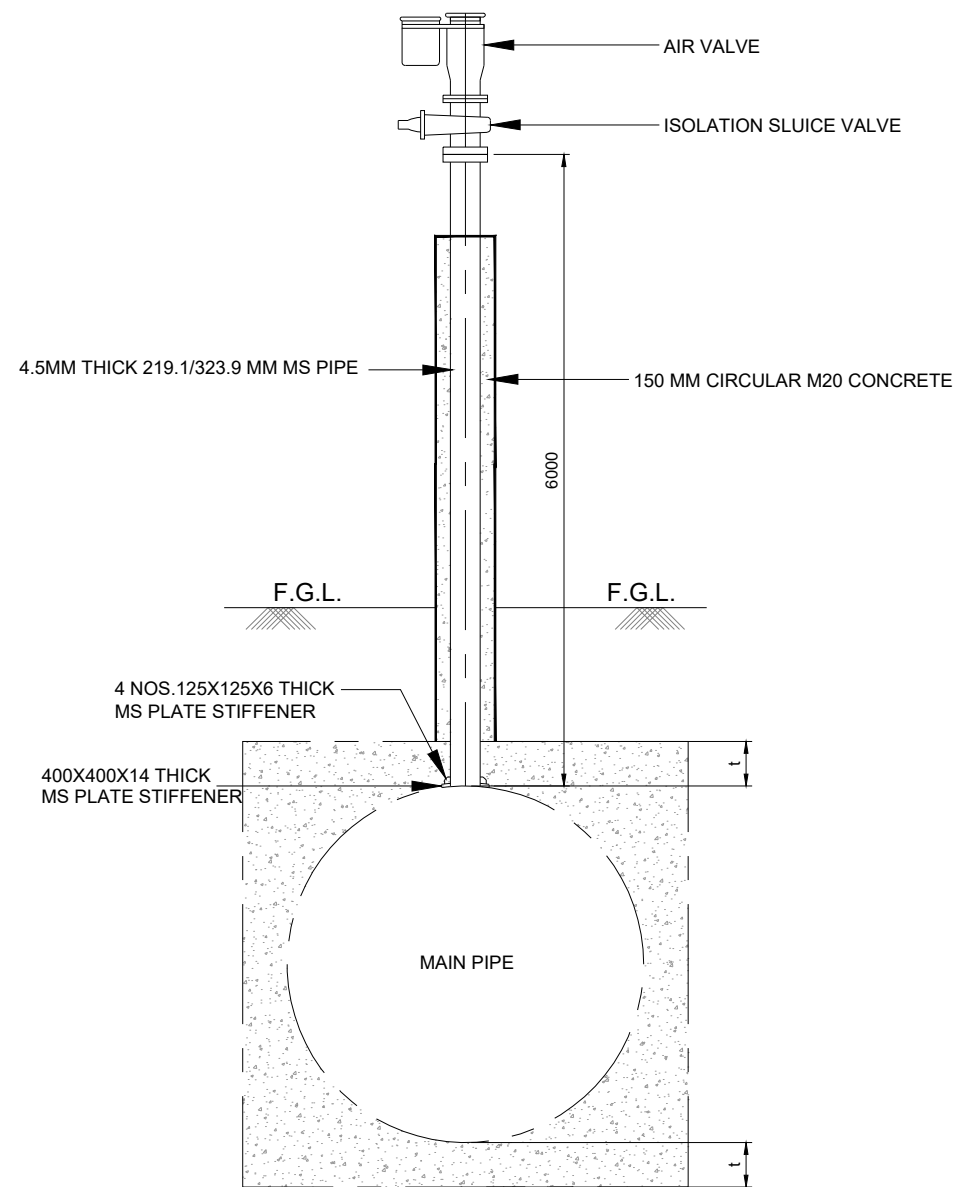
NOTE:-
ALL DIMENSION MENTIONED IN THE DRAWINGS ARE TENTATIVE ONLY. FOR
TENDER PURPOSE ONLY. HOWEVER IT WILL BE AS PER ACTUAL DESIGN
ONLY.

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETER AND LEVELS IN METERS UNLESS NOTED.
 - CONCRETE GRADE & CLEAR COVER SHALL BE AS PER DPR DOCUMENT.
 - THIS DRAWING IS FOR REFERENCE ONLY. CONTRACTOR SHALL PREPARE DETAILED DRAWING OF EACH VALVE CHAMBER BEFORE EXECUTION AND SHALL SUBMIT THE SAME FOR APPROVAL OF ENGINEER-IN-CHARGE.

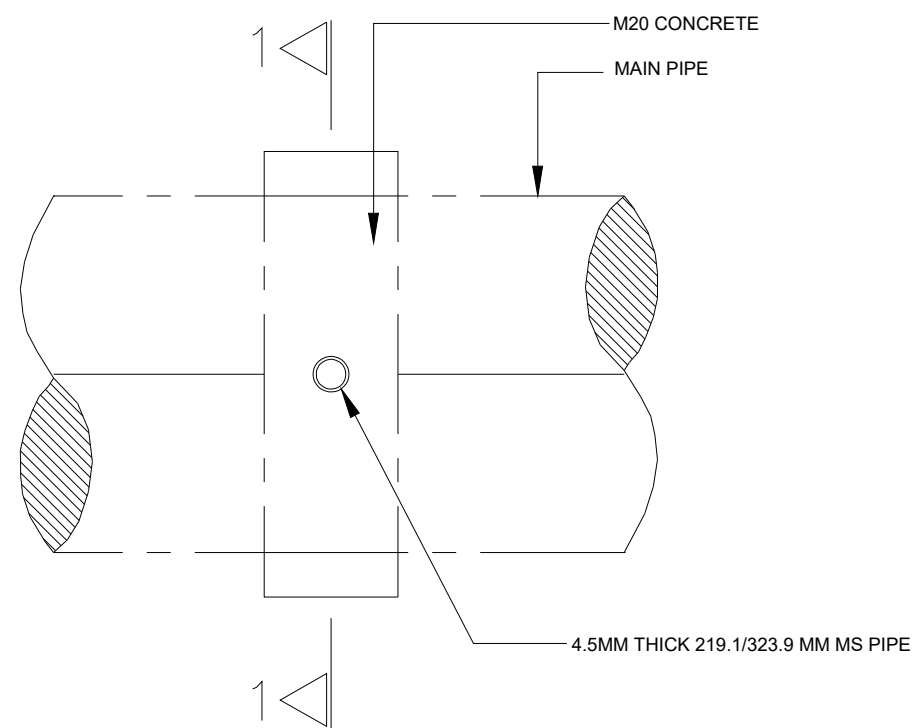
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ENGINEERING CONSULTANT :				TATA CONSULTING ENGINEERS			
CLIENT :				GUJARAT WATER INFRASTRUCTURE LIMITED			
PROJECT NAME :				NC-9 MS PIPELINE WORKS AT SURAJBARI BRIDGE			
DRAWING TITLE :				Typical Arrangement and Details of Butterfly Valve Chamber			
JOB NO.	: 14254A	DRAWING NUMBER	: TCE.14254A-CV-3000-SL-30148	REVISION	: P0		
DC & DISC	: MUM-CV	SCALE	: NTS	FILE NAME	: TCE.14254A-CV-3000-SL-30148-Rev-P0	SHEET NO.	:
				TCE FORM NO. 093B R0			





SECTION 1-1



PLAN

NOTE:-
ALL DIMENSION MENTIONED IN THE DRAWINGS ARE TENTATIVE ONLY. FOR
TENDER PURPOSE ONLY. HOWEVER IT WILL BE AS PER ACTUAL DESIGN
ONLY.

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS IN METRES UNLESS OTHERWISE NOTED.
2. ALL DIMENSION MENTIONED IN THE DRAWINGS ARE INDICATIVE AND REFERENCE PURPOSE ONLY.

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ENGINEERING CONSULTANT :

TATA CONSULTING ENGINEERS

CLIENT :

GUJARAT WATER INFRASTRUCTURE LIMITED

PROJECT NAME :

NC-9 MS PIPELINE WORKS AT SURAJBARI BRIDGE

DRAWING TITLE :

Typical Arrangement and Details of Air Valve Shaft

JOB NO. : 14254A

DRAWING NUMBER :	TCE.14254A-CV-3000-SL-30150
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REVISION : P0

DC & DISC : MUM-CV

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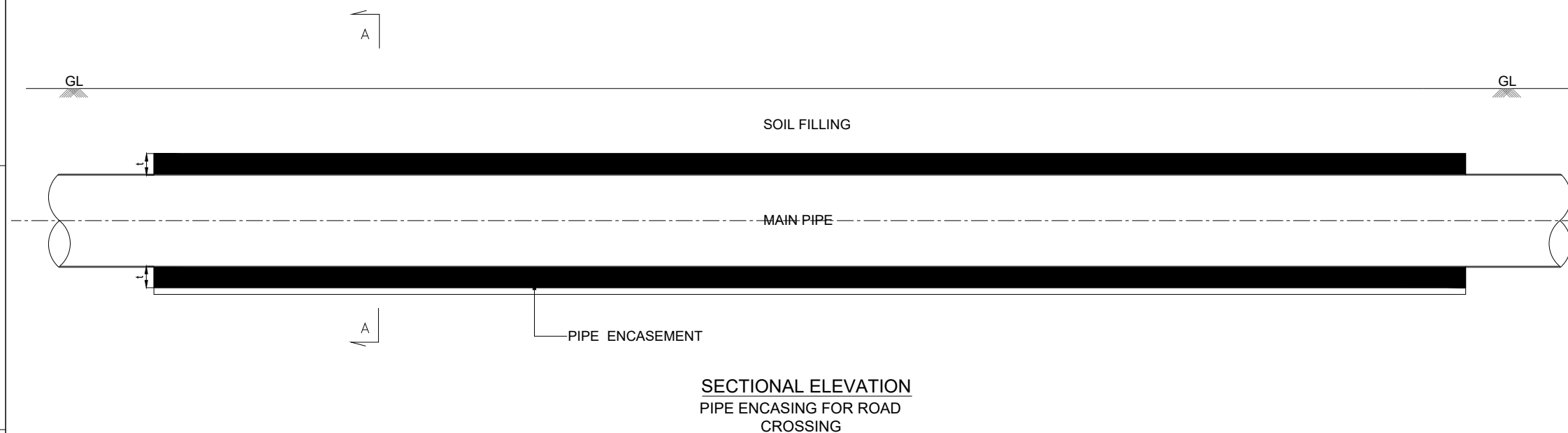
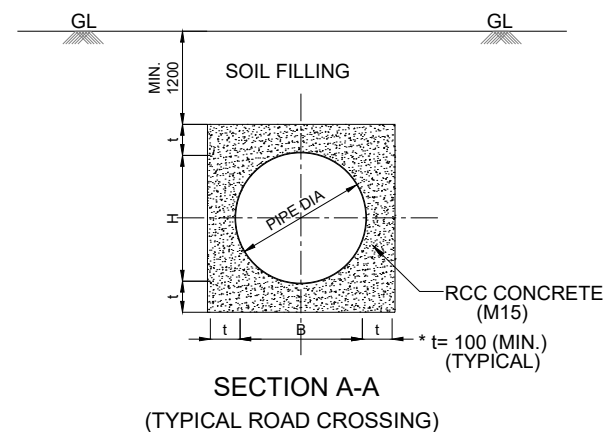
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ABBREVIATION

DIA - DIAMETER

GL - GROUND LEVEL

t - THICKNESS OF PIPE ENCASEMENT

B - WIDTH

H - HEIGHT

NOTE:-
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ONLY.

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER AND LEVELS IN METER UNLESS NITED.
 2. CONCRETE GRADE SHALL BE M 15 & REINFORCEMENT STEEL TMT 415..
 3. KICKER HEIGHT TO BE 150 mm.
 4. THIS DRAWING IS FOR REFERENCE ONLY.
- CONTRACTOR SHALL PREPARE DETAILED DRAWING OF PIPE ENCASEMENT BEFORE EXECUTION AND SHALL SUBMIT THE SAME FOR APPROVAL OF ENGINEER-IN-CHARGE.

P0	ONLY TENDER PURPOSE	GT	MR	VPS	BBS	23-06-2020	
REV NO	DESCRIPTION	DRN	PRPD	CHKD	APPD	DATE	
FOR INTERDISCIPLINARY CHECK							
CV	EL	IC	ME	PM			
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ENGINEERING CONSULTANT :

TATA CONSULTING ENGINEERS

	CLIENT :
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GUJARAT WATER INFRASTRUCTURE LIMITED

PROJECT NAME :

NC-9 MS PIPELINE WORKS AT SURAJBARI BRIDGE

DRAWING TITLE :

TYPICAL ARRANGEMENT & SECTIONAL DETAILS PIPE ENCASEMENT

JOB NO. 14254A

DRAWING NUMBER :	TCE 14254A-CV-3000-SI -30152
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REVISION · P0

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