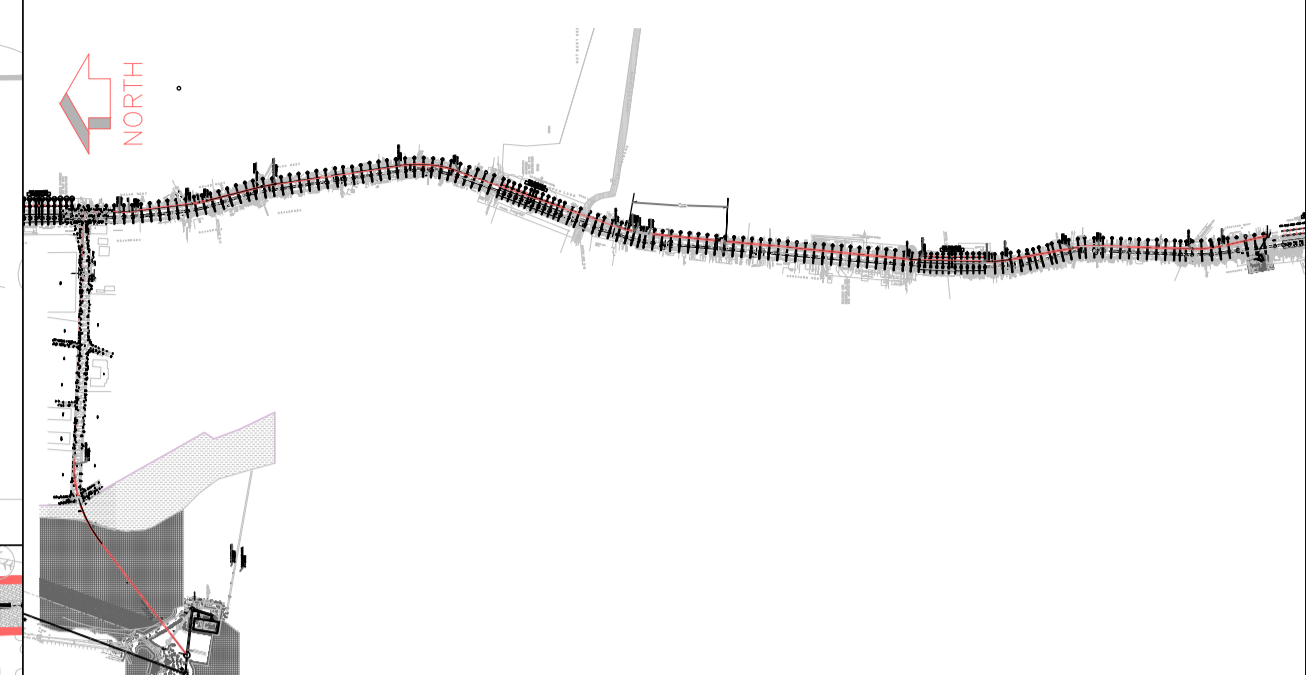


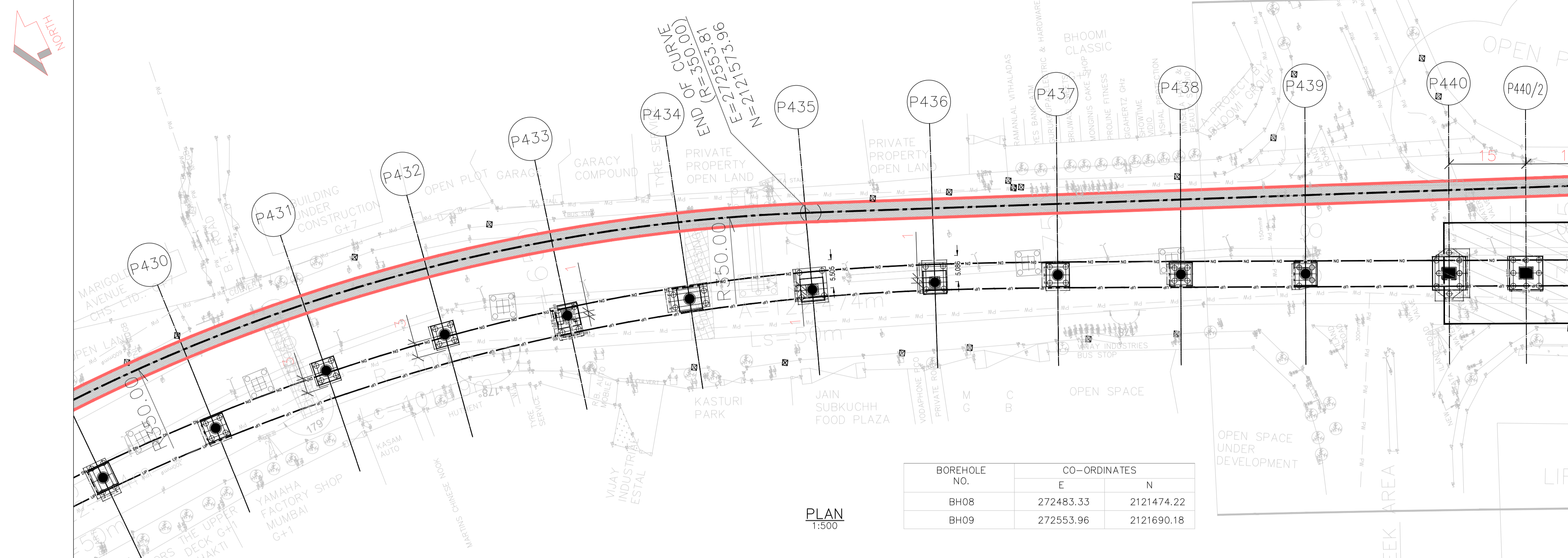
KEY PLAN



- NOTES:
- ALL DIMENSIONS ARE IN METERS AND LEVELS ARE IN METERS UNLESS OTHERWISE INDICATED.
 - CO-ORDINATES ARE UTM 43 SYSTEM. CO-ORDINATES ARE ROUNDED TO METER. FOR DETAIL CO-ORDINATES REFER DRG. NO TCE.10255A-CV-3057-LM-31002.
 - PERMANENT WORKS ARE TO BE CONSTRUCTED WHERE SHOWN.
 - THE RIGHT-OF-WAY FOR THE CONTRACTOR'S TUNNEL SHALL BE RESTRICTED TO PUBLIC ROADS AND ADJACENT FOOTPATHS ONLY.
 - CHAINAGES GIVEN ARE FROM TUNNEL SHAFT CENTER TO TUNNEL SHAFT CENTER.
 - CONTRACTOR TO AMEND TUNNEL CHAINAGES AS PER HIS CHOSEN ALIGNMENT.
 - SEWER GRADIENTS TO BE MAINTAINED ACROSS TUNNEL SHAFTS.
 - CONTRACTOR TO CONFIRM LOCATIONS AND LEVELS OF BURIED SERVICES PRIOR TO CONSTRUCTION.
 - BOREHOLE DATA IS INDICATIVE ONLY SEE BOREHOLE LOGS IN GEOTECHNICAL INVESTIGATION REPORT FOR FACTUAL DATA.
 - INVERT LEVELS MAY VARY SLIGHTLY DURING EXECUTION.

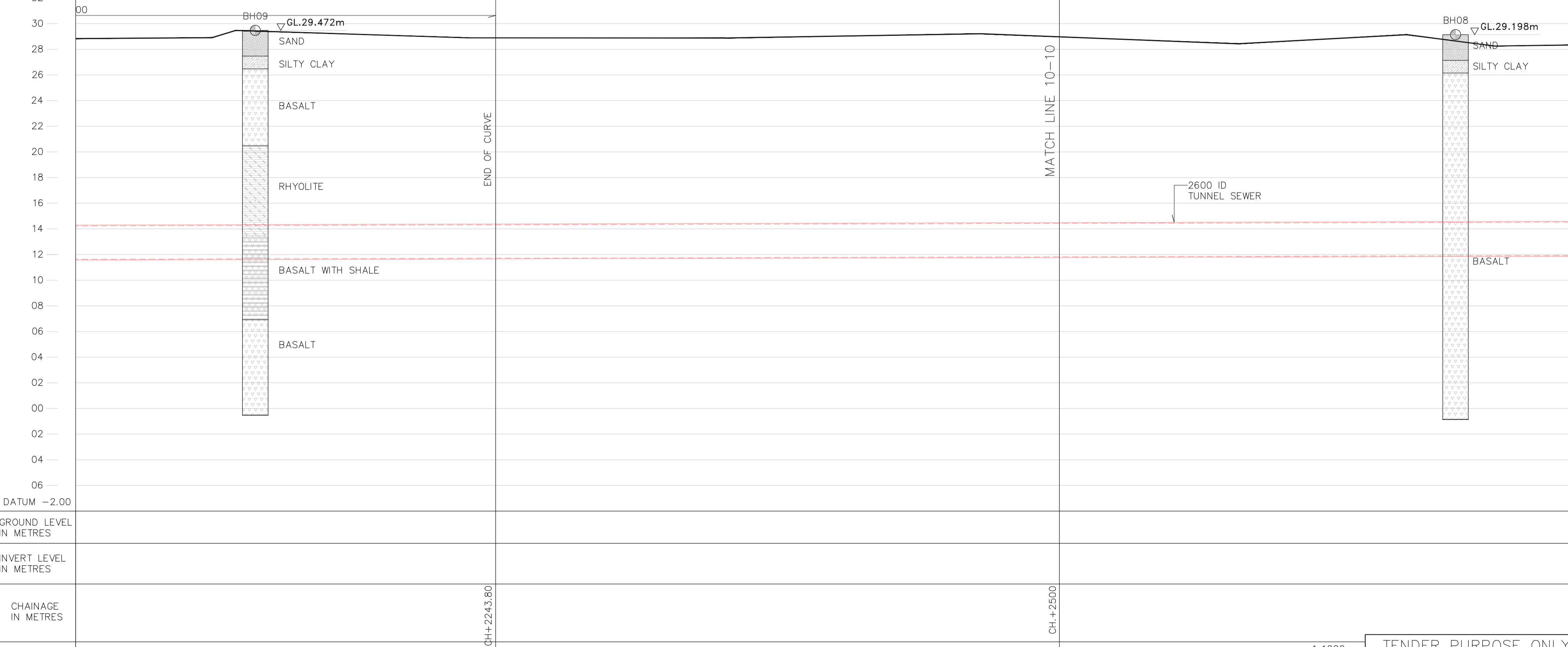
LEGEND

- PROPOSED PST-II (2600 ID SEWER TUNNEL)
- METRO LINE
- MANHOLE
- SEWER LINE
- SEWER RISING MAIN
- GAS LINE
- POTABLE WATER LINE
- ELECTRICAL CABLES
- COMPOUND WALL
- OVERHEAD POWER LINES & TOWERS
- TREE
- MANGROVE
- PAVER BLOCK
- GATE
- BOREHOLE
- SEWER LINE TO BE SURVEYED BY CONTRACTOR
- PROPOSED FEEDER SEWER
- PROPOSED SHAFTS & CHAMBERS
- APPROXIMATE AREA FOR TUNNELLING WORKS
- RISING MAIN TO BE DIVERTED/REMOVED



BOREHOLE NO.	CO-ORDINATES	
	E	N
BH08	272483.33	2121474.22
BH09	272553.96	2121690.18

PLAN
1:500



L-SECTION
 HORIZONTAL 1:500
 VERTICAL 1:200

DATUM	-2.00
GROUND LEVEL IN METRES	
INVERT LEVEL IN METRES	
CHAINAGE IN METRES	CH+2243.80
SLOPE	E=272553.81 N=2121573.96

TENDER PURPOSE ONLY
 AS SHOWN

"I" (PRELIMINARY) ISSUES ARE NOT TO BE USED FOR CONSTRUCTION / FABRICATION BUT ARE ISSUED FOR LIMITED PURPOSES ONLY AS INDICATED IN THE SMALL BLOCK ABOVE THIS BLOCK.
 CONSTRUCTION / FABRICATION WORK IS PERMITTED ON "R" (RELEASED) ISSUES ONLY.
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 FILE NAME : TCE.10255A-CV-3057-SL-31012

ISSUE	SIGN.	INITIALS	REVISIONS										DATE
			DRN	DSN	CHD	CV	EL	IC	ME	PE/PM	APPD		
P3			SS	CB	CB	CB		AR		SVP	SVP		26-09-2022
P2			SS	CB	CB	CB		AR		SVP	SVP		23-11-2020
P1			MMS	CB	CB	CB		AR		SVP	SVP		08-04-2019
P0			MMS	CB	CB	CB		AR		SVP	SVP		03-08-2018

MUNICIPAL CORPORATION OF GREATER MUMBAI
 MUMBAI SEWAGE DISPOSAL PROJECT STAGE II-PRIORITY WORKS
 PRIORITY SEWER TUNNEL - PHASE 2 (PST II)
 HORIZONTAL & VERTICAL ALIGNMENT
 SHEET 10 OF 18

TATA CONSULTING ENGINEERS LIMITED
 MUMBAI