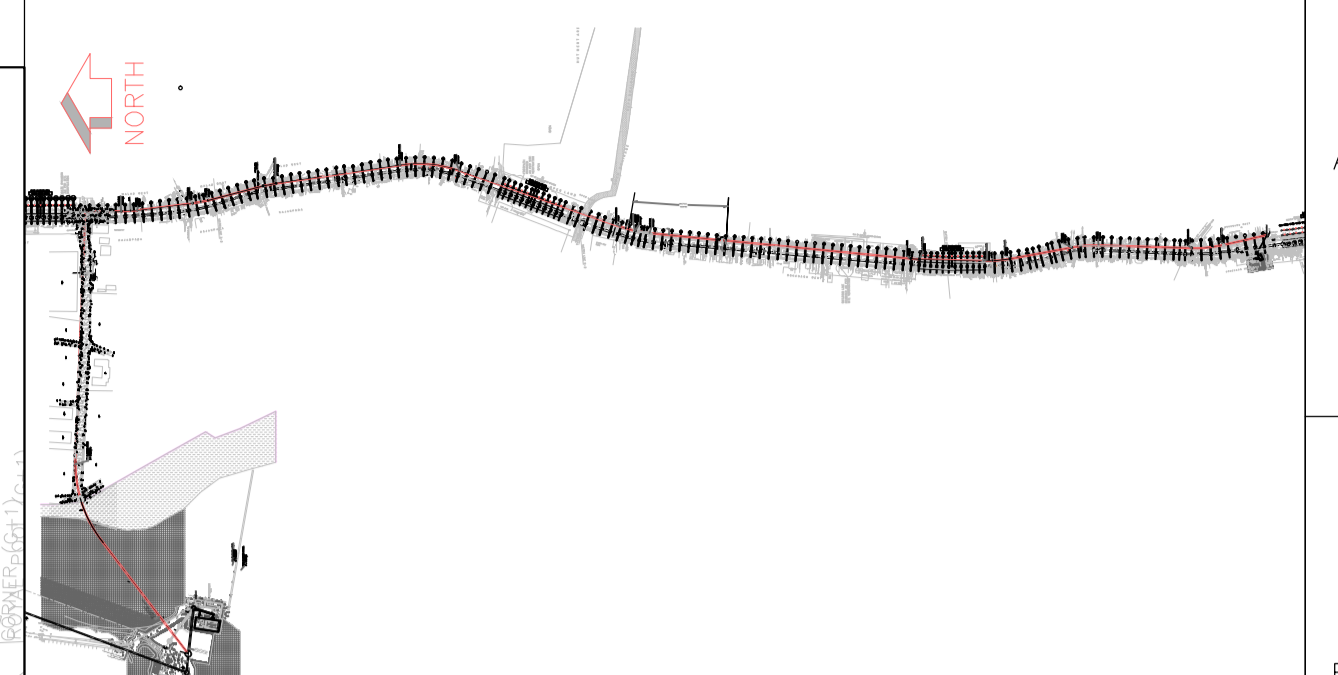
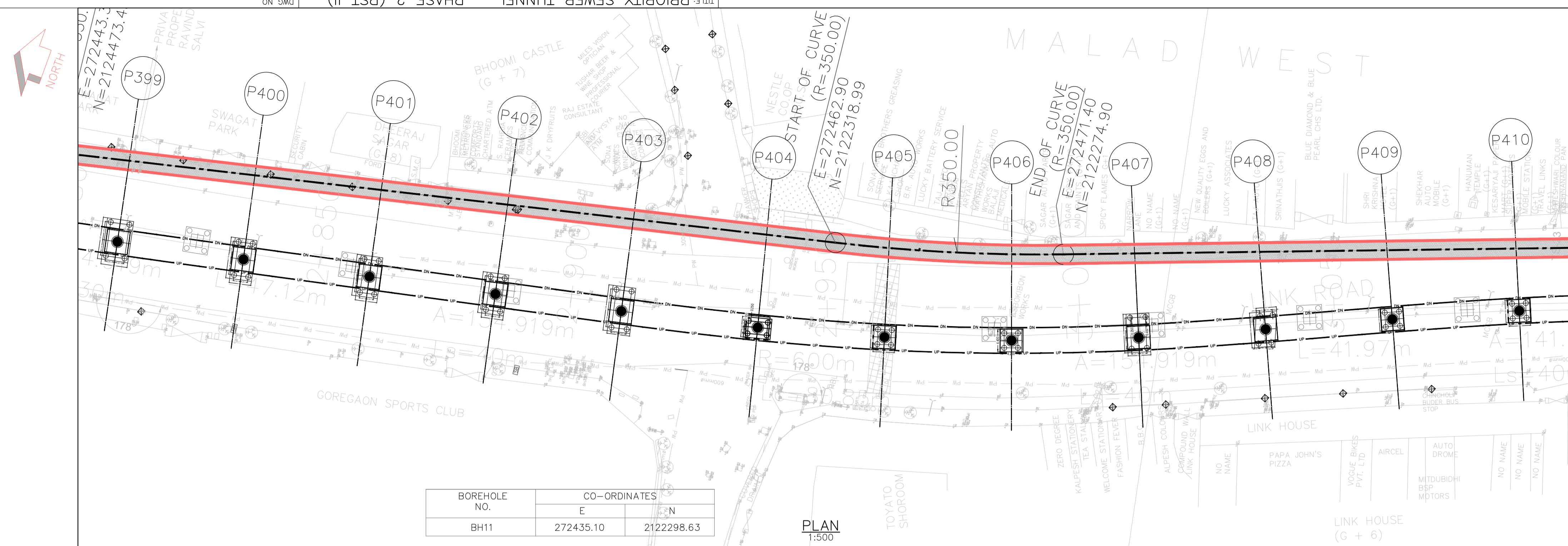


KEY PLAN



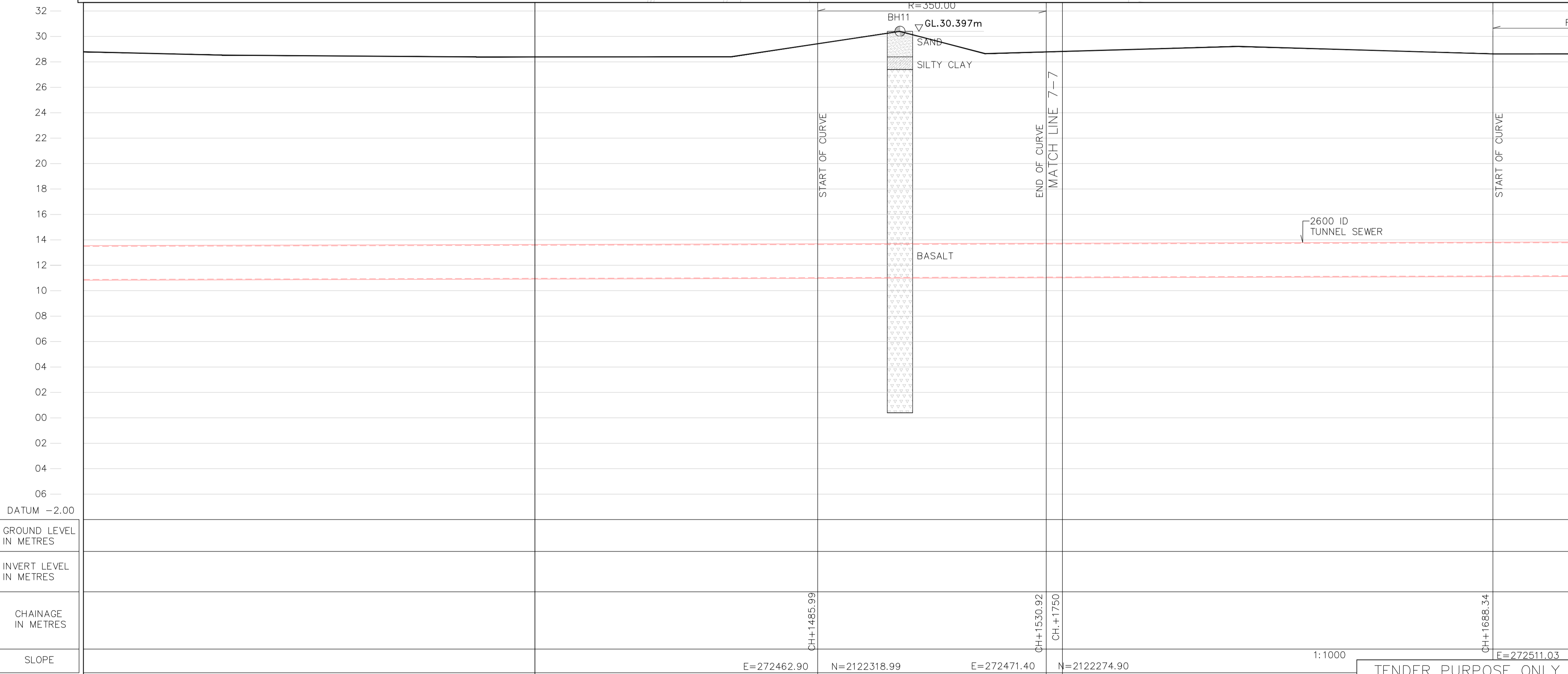
- NOTES:
- ALL DIMENSIONS ARE IN METERS AND LEVELS ARE IN METERS, UNLESS OTHERWISE INDICATED.
  - CO-ORDINATES ARE UTM 43 SYSTEM. CO-ORDINATES ARE ROUNDED TO METER. FOR DETAIL CO-ORDINATES REFER DRG. NO TCE.10255A-CV-3057-LM-31002.
  - PERMANENT WORKS ARE TO BE CONSTRUCTED WHERE SHOWN.
  - THE RIGHT-OF-WAY 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.



BOREHOLE NO.	CO-ORDINATES	
	E	N
BH11	272435.10	2122298.63

**LEGEND**

- PROPOSED PST-II (2600 ID SEWER TUNNEL)
- METRO LINE
- MANHOLE
- SEWER RISING MAIN
- GAS LINE
- 11KV-22KV-33KV ELECTRICAL CABLES
- COMPOUND WALL
- OVERHEAD POWER LINES & TOWERS
- TREE
- MANGROVE
- PAVER BLOCK
- GATE
- SEWER LINE TO BE SURVEYED BY CONTRACTOR
- PROPOSED FEEDER SEWER
- PROPOSED SHAFTS & CHAMBERS
- APPROXIMATE AREA FOR TUNNELLING WORKS
- RISING MAIN TO BE DIVERTED/REMOVED



DATUM	-2.00
GROUND LEVEL IN METRES	
INVERT LEVEL IN METRES	
CHAINAGE IN METRES	
SLOPE	

TENDER PURPOSE ONLY  
 AS SHOWN

"P" (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.  
 INFORMATION CONTAINED WITHIN 'HOLD' IS NOT RELEASED FOR CONSTRUCTION / FABRICATION. FIELD MUST GET DESIGN OFFICE TO CLEAR 'HOLD'S' IN TIME BEFORE PROCEEDING WITH ANY CONSTRUCTION / FABRICATION WORK RELATED TO 'HOLD'S'.  
 Proprietary rights of the information contained herein belong to TCE. This information is intended to be used for the mentioned purpose/project only. In case of misuse of information and any claim arising therefrom, cost and consequence will be on the party misusing the information.  
 FILE NAME : TCE.10255A-CV-3057-SL-31009

SIGN.	INITIALS	REVISIONS	DATE
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 07 OF 18

**TATA CONSULTING ENGINEERS LIMITED**  
 MUMBAI

SCALE : AS SHOWN  
 DC & DISC : MUM CV  
 DWG NO. TCE.10255A-CV-3057-SL-31009  
 ISSUE P3