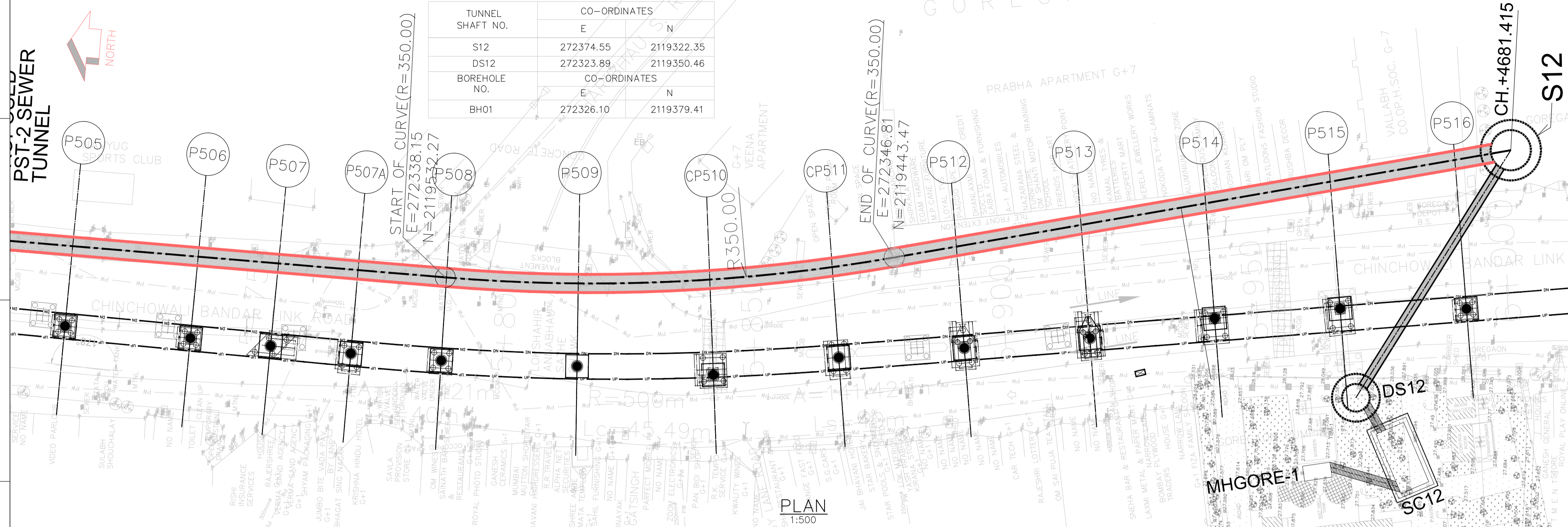
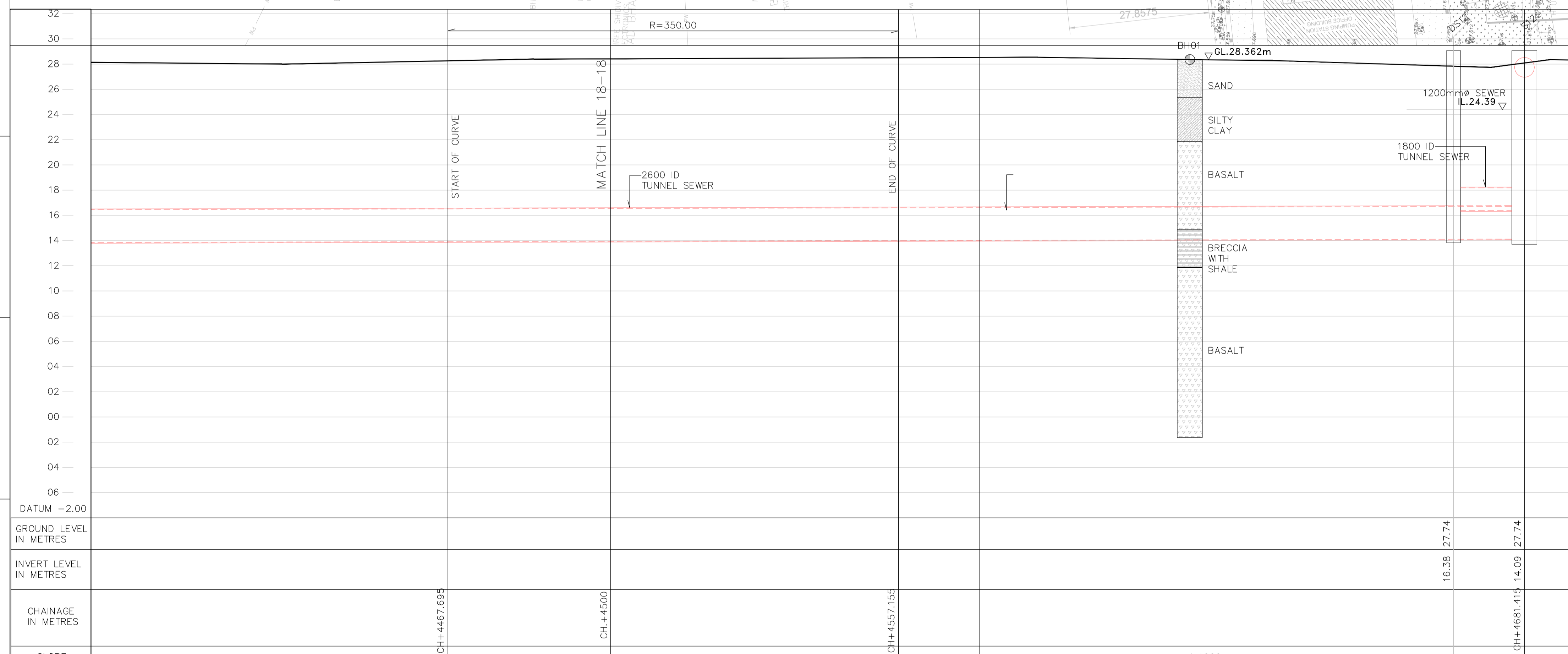


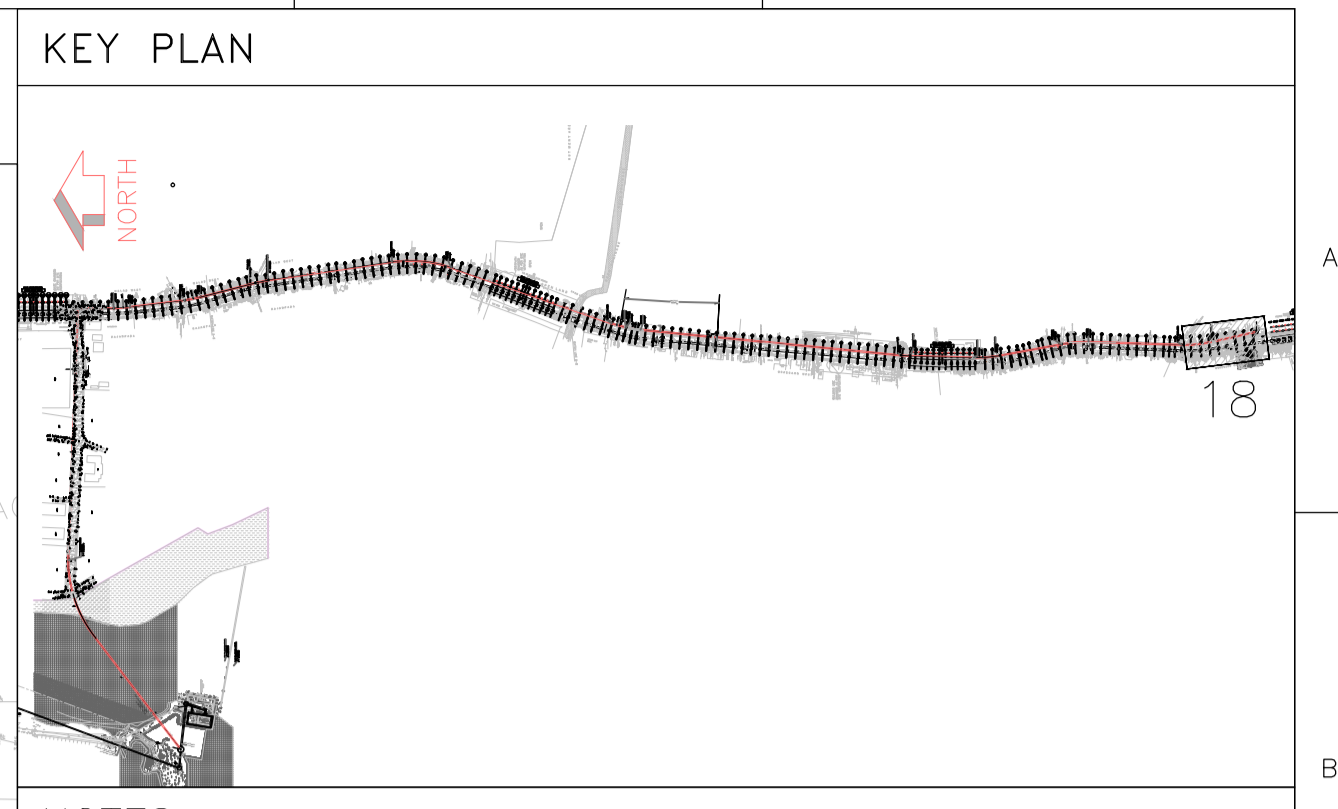
TUNNEL SHAFT NO.	CO-ORDINATES	
	E	N
S12	272374.55	2119322.35
DS12	272323.89	2119350.46
BOREHOLE NO.	CO-ORDINATES	
	E	N
BH01	272326.10	2119379.41



PLAN
1:500



L-SECTION
 HORIZONTAL 1:500
 VERTICAL 1:200



- 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.
 - SHAFT S12 LOCATION IS TENTATIVE, MCGM REQUESTED BEST FOR GIVING SPACE IN THE DEPOT FOR SHAFT CONSTRUCTION.
 - 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
- OPEN EXCAVATION
- MICRO TUNNELING
- PROPOSED SEWER LINE BY PIPE JACKING

SIGN.	INITIALS	REVISIONS	DATE
P3	SS	CB	26-09-2022
P2	SS	CB	23-11-2020
P1	MMS	CB	08-04-2019
P0	MMS	CB	03-08-2018

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 "HOLDS" IN TIME BEFORE PROCEEDING WITH ANY CONSTRUCTION / FABRICATION WORK RELATED TO "HOLDS".
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 FILE NAME : TCE.10255A-CV-3057-SL-31020

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

TATA CONSULTING ENGINEERS LIMITED
 MUMBAI

SCALE : AS SHOWN
 DC & DISC: MUM CV

DWG NO. TCE.10255A-CV-3057-SL-31020
 ISSUE P3