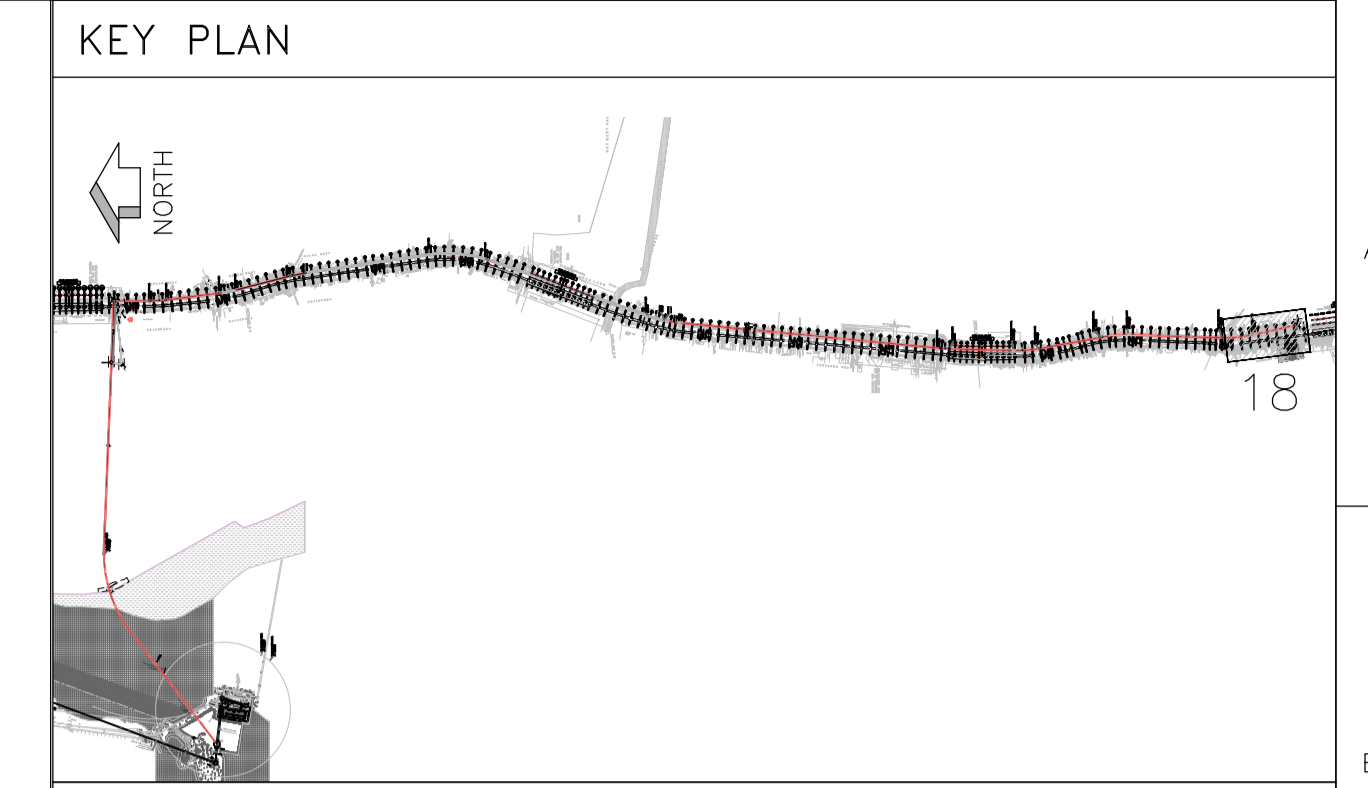


PROPOSED WORK

TUNNEL SHAFT S12	I D 8.0m, U/S IL.16.38m, D/S IL.14.09
APPROXIMATE AREA	725m ²
SHAFT DS12	I D 5.5m, U/S IL.19.08m, D/S IL.16.49
SCREEN CHAMBER SC12	SIZE 12.85X4.9 U/S IL.19.25, D/S IL.19.10
APPROXIMATE AREA	550m ²
MANHOLE MHGORE-1	SIZE 5.5X3.0 IL.19.35

TABLE-II

FEEDER SEWER ID (M)	FROM	TO	LENGTH (M)
1.800	S12	DS12	58.00
1.800	DS12	SC12	5.90
1.800	SC12	MHGORE-1	14.00

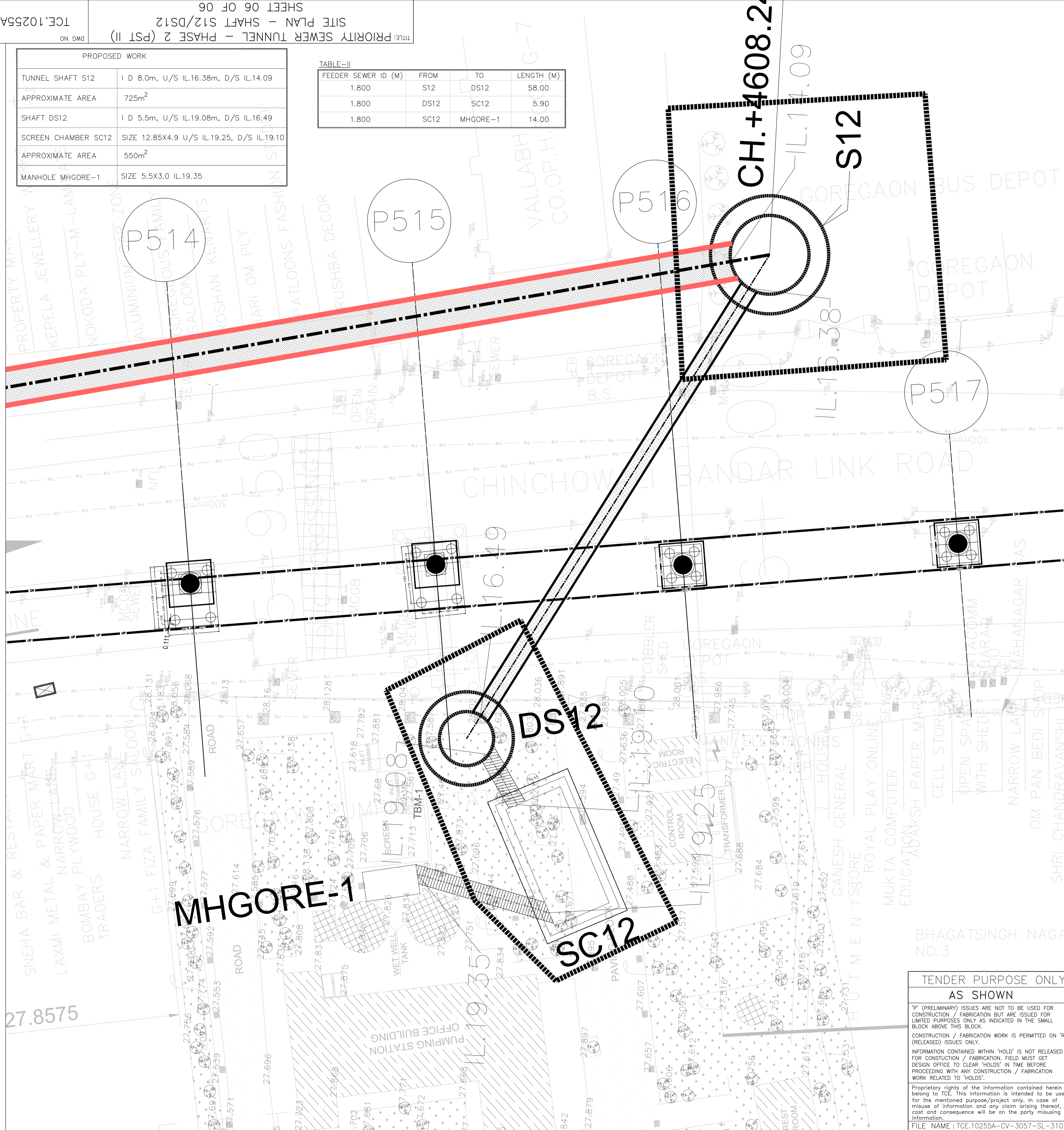
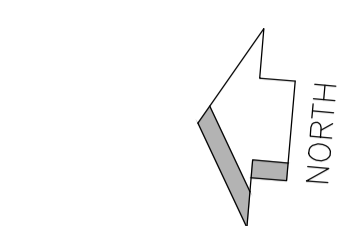


- NOTES:**
- ALL DIMENSIONS ARE IN METERS AND LEVELS ARE IN METERS UNLESS OTHERWISE INDICATED.
 - CO-ORDINATES ARE UTM 43 SYSTEM. CO-ORDINATES ARE ROUNDED TO METER. FOR DETAIL CO-ORDINATES REFER DRG. NO TCE.10255A-CV-3057-LM-31002.
 - PERMANENT WORKS ARE TO BE CONSTRUCTED WHERE SHOWN.
 - THE RIGHT-OF-WAY 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) BY SEGMENTAL TUNNEL METHOD		PROPOSED SEWER LINE BY PIPE JACKING
	PROPOSED SEWER LINE BY OPEN EXCAVATION		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

ISSUE	DRN	DSN	CHD	CV	EL	IC	ME	PE/PM	APPD	DATE	
P3	SS	CB	CB	CB				AR	SVP	SVP	26-09-2022
P2	SS	CB	CB	CB				AR	SVP	SVP	17-11-2020
P1	MMS	CB	CB	CB				AR	SVP	SVP	18-04-2019
P0	MMS	CB	CB	CB				AR	SVP	SVP	04-08-2018



TENDER PURPOSE ONLY
AS SHOWN
 * (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-31026

MUNICIPAL CORPORATION OF GREATER MUMBAI
 MUMBAI SEWAGE DISPOSAL PROJECT STAGE II-PRIORITY WORKS
PRIORITY SEWER TUNNEL - PHASE 2 (PST II)
SITE PLAN - SHAFT S12/DS12
 SHEET 06 OF 06

TATA CONSULTING ENGINEERS LIMITED
 MUMBAI

SCALE: AS SHOWN
 DC & DISC: MUM CV
 DWG NO: TCE.10255A-CV-3057-SL-31026
 ISSUE: P3
 TCE FORM NO. 091 R0