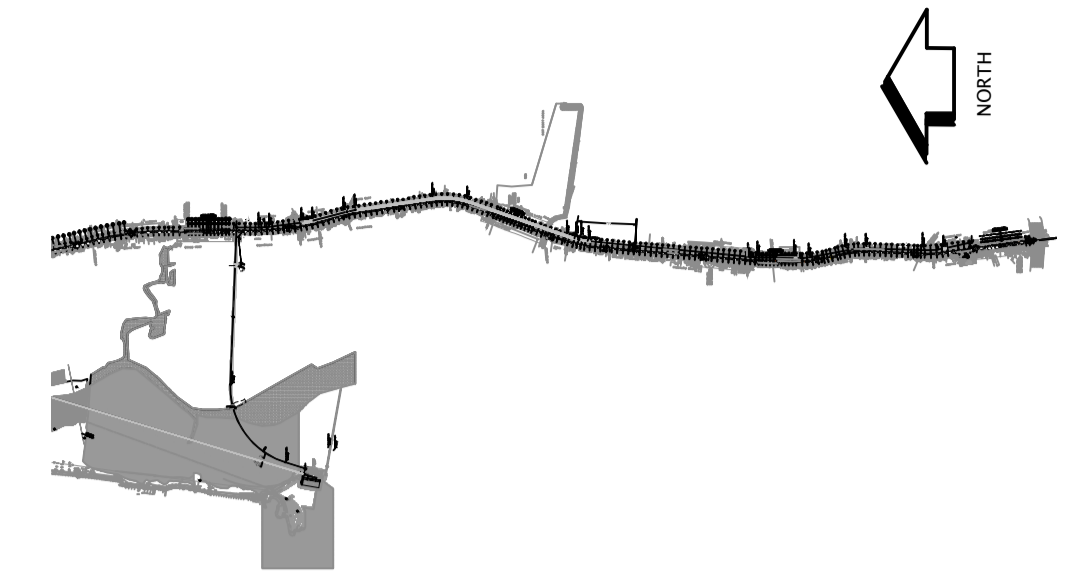
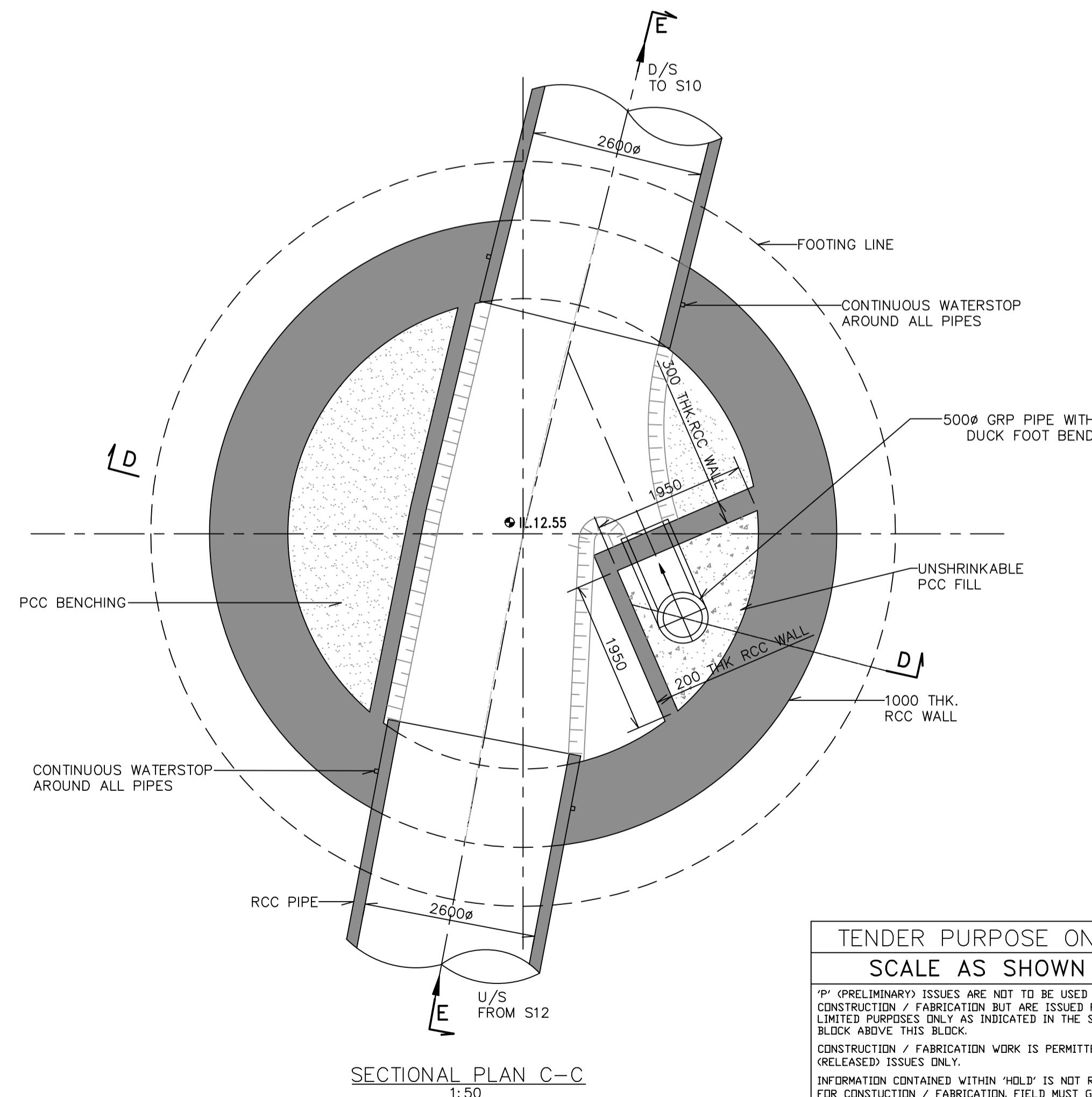
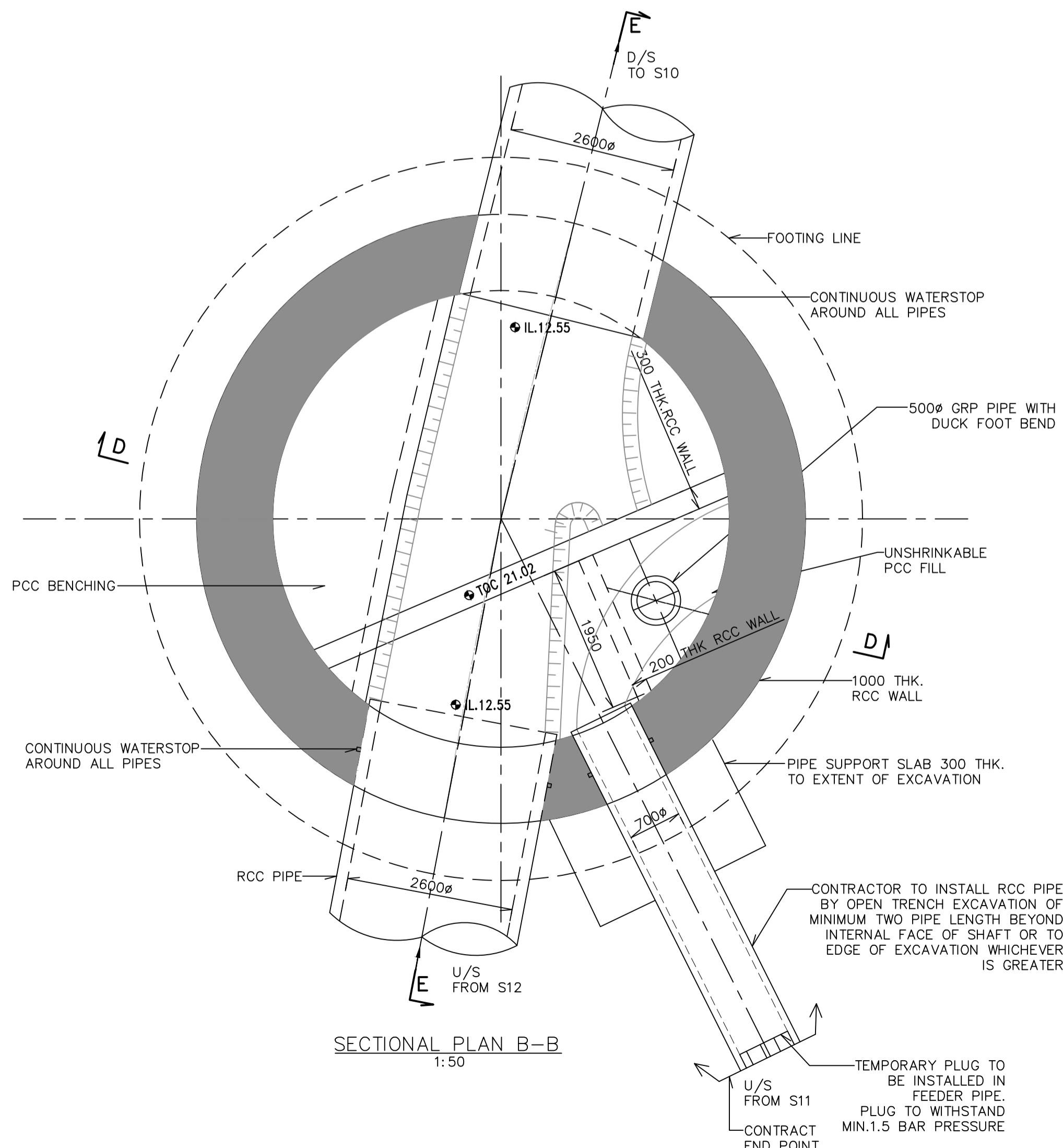
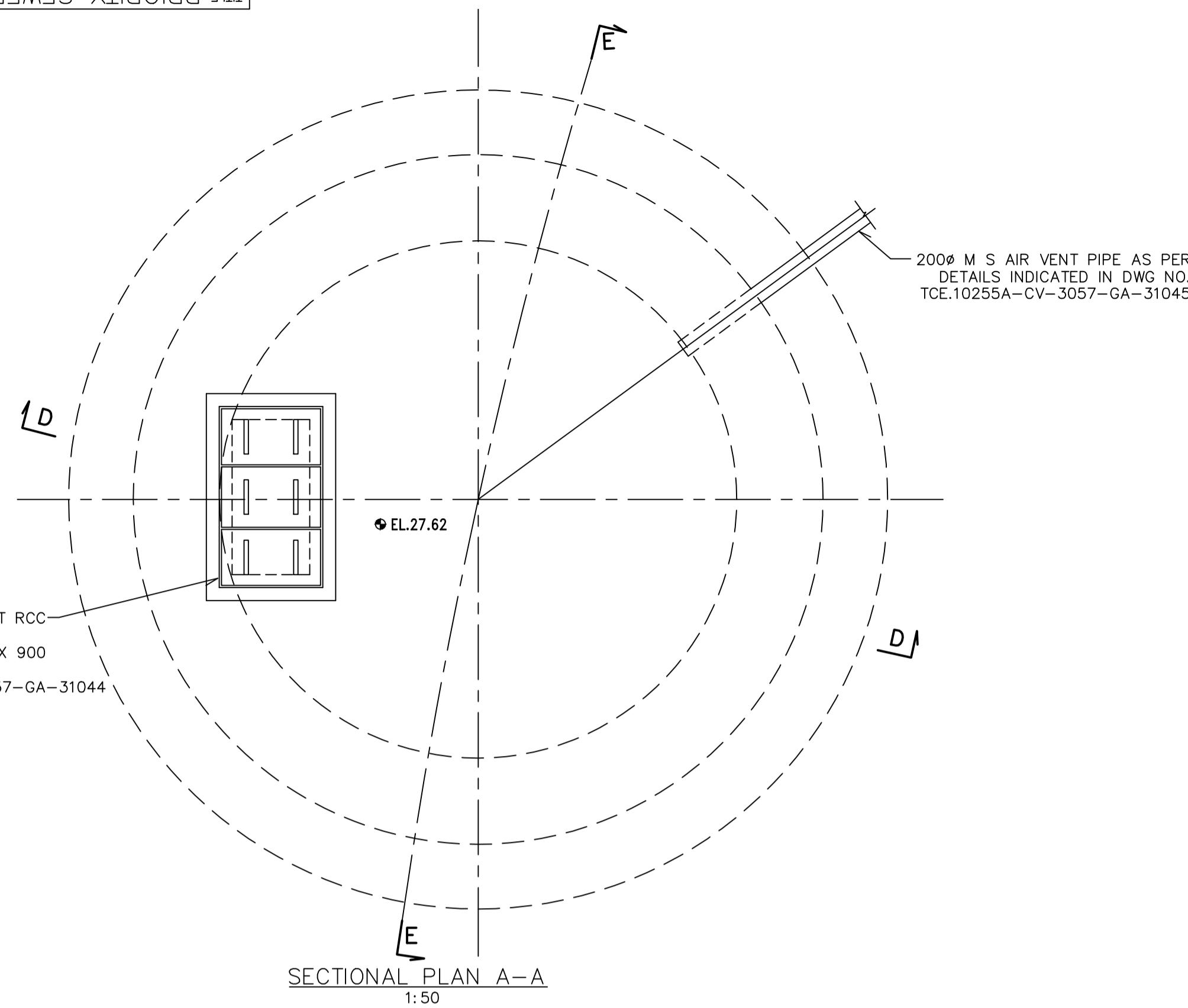


KEY PLAN



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS UNLESS OTHERWISE INDICATED.
2. ALL CONCRETE TO BE GRADE M50 EXCEPT WHERE OTHERWISE STATED.
3. SHAFTS ARE TO BE MADE WATER TIGHT.
4. SEWER GRADIENTS TO BE MAINTAINED ACROSS MANHOLE.
5. STRUCTURAL DESIGN OF THE PERMANENT WORKS IS BASED UPON THE SHAFT BEING CONSTRUCTED IN AN OPEN EXCAVATION AND BACKFILLED AROUND.
6. DIMENSIONS OF PERMANENT STRUCTURAL WORKS SHOWN ARE INDICATIVE. THE CONTRACTOR SHALL DESIGN THE PERMANENT STRUCTURAL WORKS TO THE APPROVAL OF THE ENGINEER, TO SUIT THE CONTRACTOR'S METHOD OF WORKING AND TEMPORARY WORKS. CONTRACTOR TO SUBMIT CONSTRUCTION METHODOLOGY OF TEMPORARY AND PERMANENT WORKS TO THE APPROVAL OF THE ENGINEER.
7. SHAFT INTERNAL DIAMETER GIVEN IS THE MINIMUM TO BE PROVIDED.
8. FINISHED GROUND LEVEL TO MATCH EXISTING ROAD LEVEL.
9. SHAFT S11 LOCATION IS TENTATIVE, MCGM REQUESTED MHADA FOR GIVING SPACE FOR SHAFT CONSTRUCTION.
10. INVERT LEVELS MAY VARY SLIGHTLY DURING EXECUTION.



TENDER PURPOSE ONLY
 SCALE 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 PRECEEDING WITH ANY CONSTRUCTION / FABRICATION WORK RELATED TO 'HOLD'S'.

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 FILE NAME: TCE.10255A-CV-3057-GA-31035

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							CLEARED							

MUNICIPAL CORPORATION OF GREATER MUMBAI
 MUMBAI SEWAGE DISPOSAL PROJECT STAGE II-PRIORITY WORKS
 PRIORITY SEWER TUNNEL - PHASE 2 (PST II)
 GENERAL ARRANGEMENT
 TUNNEL SHAFT S11 (PLAN)

TATA CONSULTING ENGINEERS LIMITED
 MUMBAI
 SCALE : AS SHOWN
 DWG. NO. : TCE.10255A-CV-3057-GA-31035
 ISSUE : P1
 DC & DISC: MUM CV
 TCE FORM NO. 091 RO