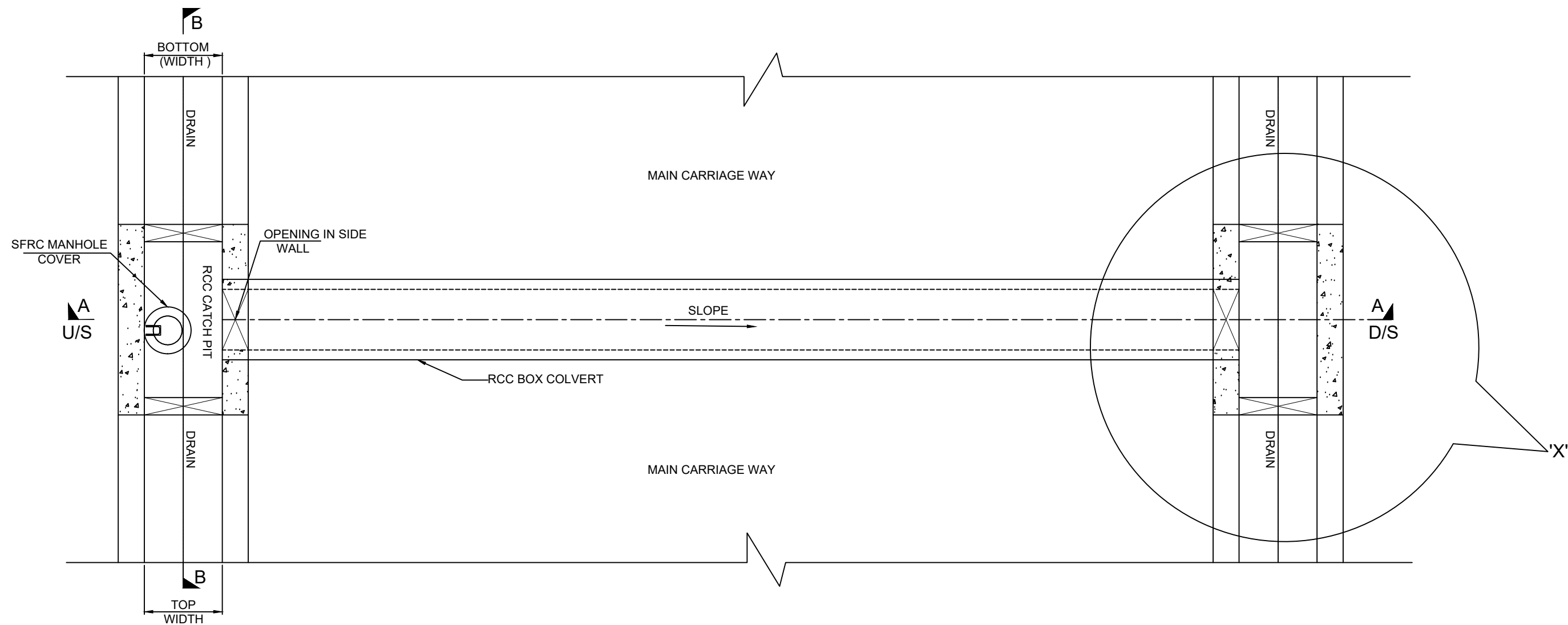
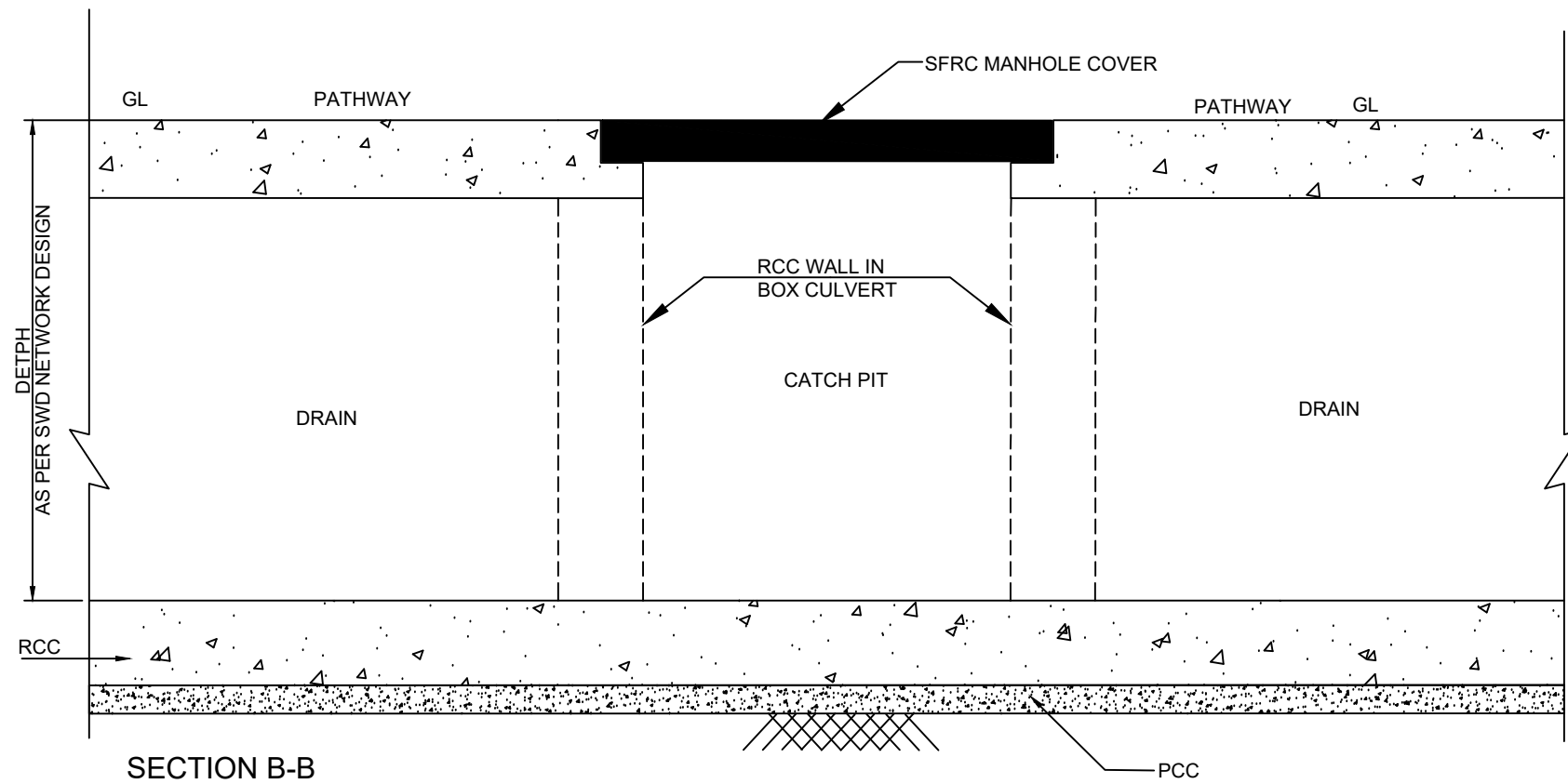


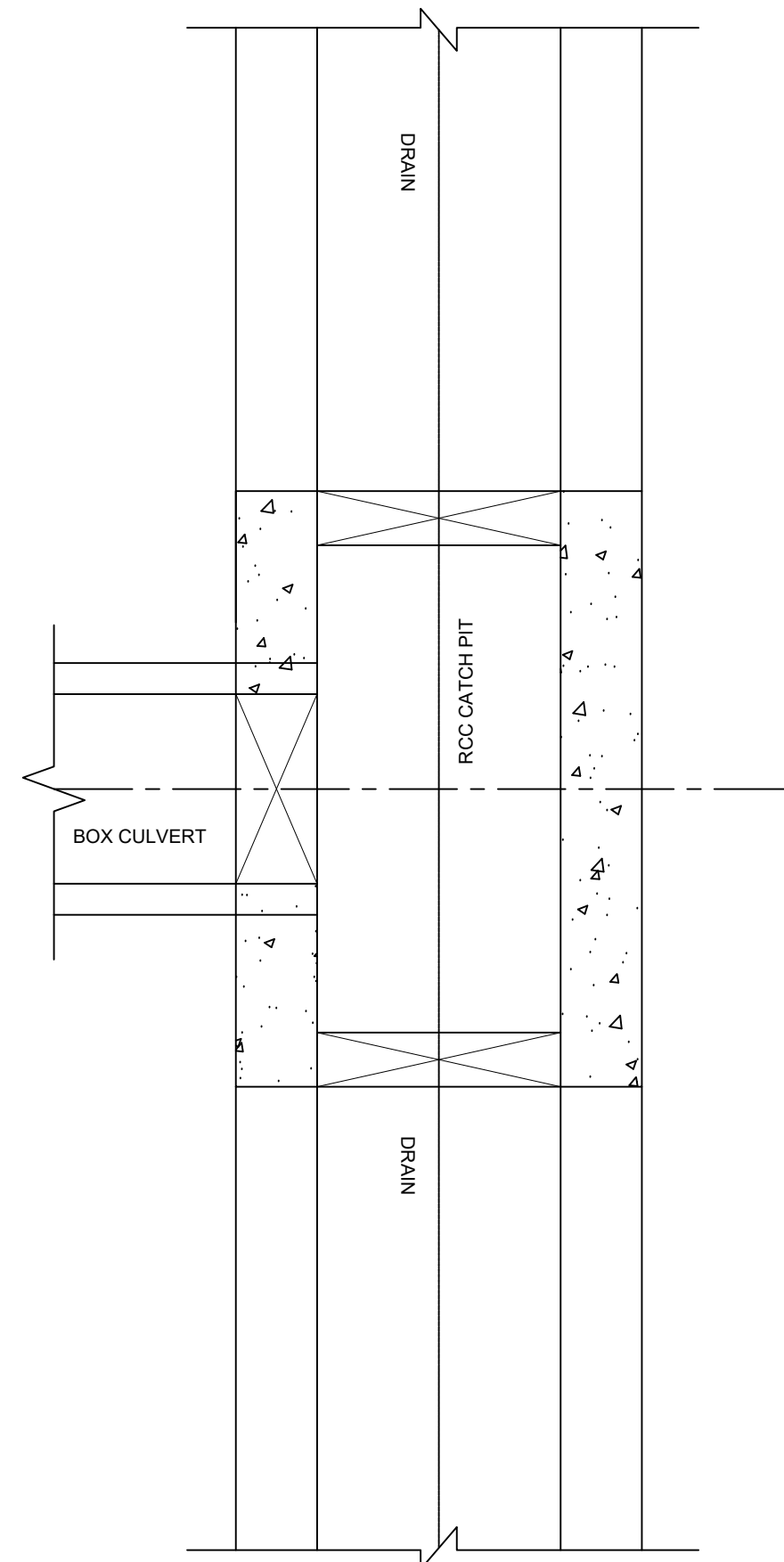
SECTION AT A-A (AS PER TYPICAL ROW)
SCALE 1:50



PLAN
SCALE 1:50




SECTION B-B
SCALE 1:25



DETAIL-'X'
SCALE 1:25

- NOTES:-
1. ALL DIMENSIONS ARE IN mm, UNLESS MENTIONED OTHERWISE.
 2. NO DIMENSION SHALL BE SCALED, ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 3. PITCHING AND REVETMENT SHALL BE DONE ONLY IF BED SOIL IS ERODABLE.
 4. THE FOUNDATION FOR HEAD WALL SHALL BE DESIGNED AS PER ALLOWABLE SAFE BEARING CAPACITY OF THE SOIL.
 5. DRAIN (HEIGHT X WIDTH) AS PER STORM WATER DRAINAGE NETWORK DRAWING.
 6. LONGITUDINAL SLOPE OF DRAIN CULVERT SHALL BE AS PER DRAINAGE MASTER PLAN DWG. NO. DI1501-RHD-PE-DR-DR-C-1000 TO DI1501-RHD-PE-DR-DR-C-1070
 7. FOR UTILITY CROSS -SECTION DETAILS REFER DRAWING NO. DI1501-RHD-PE-UT-DR-C-9001 & DI1501-RHD-PE-UT-DR-C-9002.
 8. CONCRETE SHALL BE DESIGN MIX AND SHALL HAVE MINIMUM 28 DAYS CHARACTERISTIC STRENGTH ON 150 MM CUBES FOR ALL ELEMENTS OF STRUCTURES.
 9. GRADE OF STEEL SHALL BE Fe-500D CONFORMING TO IS: 1786.
 10. CLEAR COVER TO OUTERMOST STEEL FOR DIFFERENT COMPONENTS SHALL BE AS FOLLOWS:
 - i. BASE SLAB & WALL (EARTH FACE) 75 MM.
 - ii. WALL (NON EARTH FACE) 50 MM.
 - iii. TOP SLAB 45 MM.
 11. FILLER TYPE EXP. JOINT SHALL BE IN ACCORDANCE TO THE SECTION 2605 OF THE MORTH SPECIFICATION FOR THE ROAD AND BRIDGE WORKS (FOURTH REVISION).
 12. BACK FILLING BEHIND ABUTMENTS SHALL CONSIST OF SELECTED EARTH CONFORMING TO APPENDIX: 6 OF IRC: 78-2014 HAVING PROPERTIES $C=0$, $\phi=30^\circ$, $\delta=20^\circ$ & $\gamma_d=20$ KN/m³.
 13. THE DIMENSION OF THE BOX STRUCTURE SHOWN HERE ARE TENTATIVE AND THESE DIMENSIONS MAY BE CHANGED DURING DETAILED DESIGN.
 14. WEEP HOLES, SPACED @ 1000 mm c/c BOTH HORIZONTALLY AND VERTICALLY SHALL BE PROVIDED IN STAGGERED MANNER IN SIDE WALL AS SHOWN.
 15. THE STRUCTURE TO BE DESIGNED OUT BY THE CONTRACTOR AND GOT APPROVED FROM THE ENGINEER-IN-CHARGE BEFORE IMPLEMENTATION.

FOR TENDER

CLIENT			
 MAHARASHTRA INDUSTRIAL TOWNSHIP LTD (MITL)			
PROJECT			
DESIGN, CONSTRUCTION, TESTING, COMMISSIONING AND OPERATION & MAINTENANCE OF INFRASTRUCTURE WORKS AT DIGHI PORT INDUSTRIAL AREA (DPIA)- PHASE 1 UNDER DELHI MUMBAI INDUSTRIAL CORRIDOR (DMIC) ON EPC BASIS			
TITLE			
GENERAL ARRANGEMENT OF SINGLE CELL RCC BOX CULVERT WITH CATCH PIT -STORM WATER NETWORK			
PROJECT CODE: DI1628 STATUS: ISSUED FOR TENDER DATE: 18.12.2024			
SHEET NO: 01	SCALE: NTS	DWG SIZE: A2	REV NO: R0
DRAWING NO:			
MITL-DPIA-PKG1-SW-25			