

NOTES:

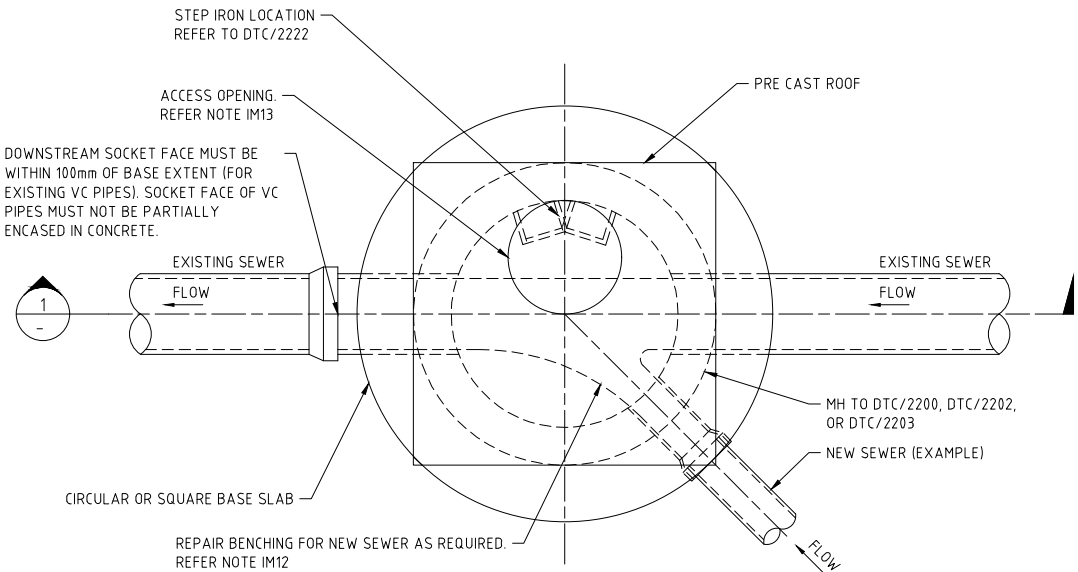
- 1. ALL WORKS TO BE IN ACCORDANCE WITH SWC TECHNICAL SPECIFICATION - CIVIL UNO.
- 2. ALL PIPES/FITTINGS/VALVES/OTHER PRODUCTS TO BE IN ACCORDANCE WITH EPS 500 OR EPS 501 UNO.
- 3. ALL DIMENSIONS IN MILLIMETRES.
- 4. REFER TO DTC/2000 FOR FOUNDATION AND MAINTENANCE HOLE STRUCTURAL CONSTRUCTION REQUIREMENTS NOTES. FOUNDATION CONDITIONS MUST MEET THE MINIMUM REQUIREMENTS OUTLINED IN DTC/2000.
- 5. DESIGNER TO CONFIRM WITH SYDNEY WATER THAT THE MINIMUM FALL THROUGH THE MAINTENANCE HOLE IS ACCEPTABLE.
- 6. THIS DRAWING APPLIES TO VITRIFIED CLAY AND PLASTIC RETICULATION SEWERS ONLY. THIS DRAWING IS NOT TO BE USED FOR METALLIC PIPES OF ANY SIZE.
- 7. MAXIMUM DEPTH TO INVERT FOR USE OF THIS DRAWING IS 10m.
- 8. CONTRACTOR MUST COMPLETE CONDITION ASSESSMENT ON EXISTING PIPE TO ENSURE INTEGRITY OF EXISTING SEWER DURING MAINTENANCE HOLE CONSTRUCTION. CONTRACTOR TO IMPLEMENT TEMPORARY SUPPORT AND PROTECTION OF EXISTING SEWER AS APPROPRIATE WHEN POURING CONCRETE BASE.

INSTALLATION METHODOLOGY

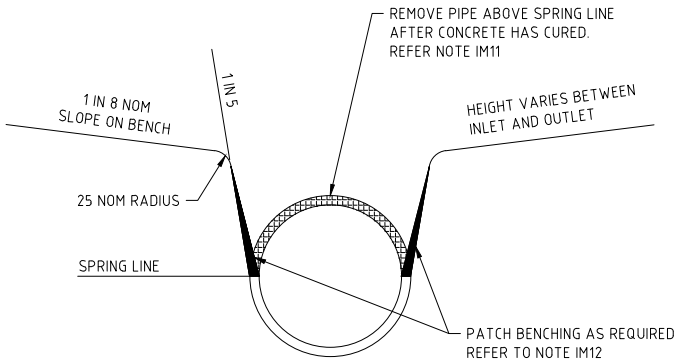
- IM1. CONTRACTOR MUST CONFIRM SITE CONDITIONS ARE SUITABLE PRIOR TO ANY EXCAVATION.
- IM2. CONTRACTOR MUST ENSURE FLOW ISOLATION/FLOW MANAGEMENT PLAN IS APPROVED BY SYDNEY WATER AND UNDER EXECUTION PRIOR TO WORKS COMMENCING.
- IM3. LOCATE EXISTING DOWNSTREAM JOINT. EXCAVATE 300 DEEP UNDER AND AROUND EXISTING SEWER PIPE FOR A BASE WITH REQUIRED DIMENSIONS FOR NEW MH. TEMPORARY SUPPORT TO BE IMPLEMENTED TO MAINTAIN THE INTEGRITY OF THE LIVE SEWER. BASE DIMENSIONS TO BE AS PER DTC/2200, DTC/2202, OR DTC/2203 AS REQUIRED. MH TYPE SELECTED TO BE KEPT CONSISTENT FOR ENTIRE MH CONSTRUCTION.
- IM4. FOUNDATION MUST BE INSPECTED BY A SUITABLY COMPETENT AND QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO PLACING BLINDING CONCRETE. REFER TO FOUNDATION NOTES ON DTC/2000.
- IM5. PLACE 50mm N20 BLINDING CONCRETE AFTER FINAL EXCAVATION.
- IM6. INSTALL NEW CONNECTING INLET PIPE/S C/W ROCKER PIPES TO INSIDE FACE OF PROPOSED MH. REFER DTC/2200, DTC/2202 AND DTC/2203 FOR ROCKER PIPE DIMENSIONS.
- IM7. INSTALL BASE REINFORCEMENT, COMPRESSIBLE MEMBRANE AND WATERSTOPS IN ACCORDANCE WITH SECTION 1, DTC/2200, DTC/2202, OR DTC/2203 AS REQUIRED.
- IM8. POUR CONCRETE BASE INCORPORATING NEW INLET PIPE/S AND EXISTING SEWER PIPE. FOR REQUIRED CONCRETE THICKNESS ABOVE AND BELOW SEWER PIPES REFER TO DTC/2200, DTC/2202 OR DTC 2203.
- IM9. FORM BENCHING IN BASE FOR NEW INLET AND GULLY ALONG SPRING LINE OF EXISTING SEWER PIPE.
- IM10. POUR FIRST SHAFT SECTION TO FIRST CJ.
- IM11. WHEN CONCRETE IS CURED, CUT OR BREAK OUT TOP HALF OF EXISTING SEWER FOR THE FULL LENGTH INSIDE NEW MH.
- IM12. PATCH BENCHING/PIPE SECTIONS TO REMOVE SHARP OBSTRUCTIONS, GAPS, ETC. WITH 'SIKADUR-31' OR APPROVED EQUIVALENT.
- IM13. COMPLETE REMAINDER OF MH IN ACCORDANCE WITH DTC/2200, DTC/2202, OR DTC/2203 AS REQUIRED.

REFERENCE DRAWINGS:

DTC/2000	MAINTENANCE HOLES - CAST IN-SITU CONSTRUCTION NOTES
DTC/2200	DN1200 MAINTENANCE HOLES CAST IN-SITU REINFORCED CONCRETE SEWERS ≤DN450 DEPTH TO INVERT 1.2m TO 10m
DTC/2202	DN1200 MAINTENANCE HOLES CAST IN-SITU PLAIN CONCRETE WALL SEWERS ≤DN450 DEPTH TO INVERT 1.2m TO 6m
DTC/2203	DN1050 MAINTENANCE HOLES CAST IN-SITU PLAIN CONCRETE WALL SEWERS ≤DN300 DEPTH TO INVERT 1.2m TO 6m
DTC/2222	MAINTENANCE HOLES DETAILS - SHEET 3



PLAN - CAST IN-SITU MAINTENANCE HOLE
OVER EXISTING SEWER
SCALE 1:20



CHANNEL DETAILS
SCALE NTS

