



- 6. CONCRETE CHAMBERS SHALL BE SURROUNDED BY A MINIMUM OF 150mm COMPACTED CLAUSE 808 MATERIAL AS PER STD-W-13.
- 7. DUCTILE IRON PIPES AND FITTINGS TO BE IN ACCORDANCE WITH IS EN 545. PE PIPES AND FITTINGS TO BE IN ACCORDANCE WITH IS EN 12201:2011. 8. 200mm ALL AROUND, 100mm DEEP CONCRETE PLINTH AROUND COVERS IN GREEN AREAS.
- 9. THRUST BLOCKS (NOT SHOWN ON DRAWING), TO BE PROVIDED AS PER STANDARD DRAWING STD-W-28 AT ALL TEES, BENDS, TAPERS, DEAD ENDS AND PIPES AT STEEP SLOPES.
- 10. ANTI CORROSION TAPE TO BE PROVIDED AROUND BURIED FLANGES.
- 11. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206.
- 12. ANY SPECIAL ROAD REINSTATEMENT AROUND COVER & FRAME SHALL BE TO ROAD AUTHORITY'S REQUIREMENTS.
- 13. NEW ROAD CONSTRUCTION & SURFACE FINISH TO BE TO ROAD AUTHORITY REQUIREMENTS.
- 14. EXISTING ROAD REINSTATEMENT TO COMPLY WITH CURRENT VERSION OF "GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS" BY THE DEPT. OF TRANSPORT, TOURISM & SPORT, OR TRANSPORT INFRASTRUCTURE IRELAND REQUIREMENTS. 15. THE FIRE HYDRANT OUTLET TYPE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE FIRE OFFICER FOR THE AREA AND SHALL BE AGREED PRIOR TO THE
- COMMENCEMENT OF WORKS. 16. THE HYDRANT SHALL BE DOUBLE FLANGED DRILLED TO PN 16. THEY SHALL COMPLY WITH IS EN 14339, IS EN 1074 PART 6 AND BS 750: 2012. THE HYDRANT SHALL INCORPORATE
- A SCREW DOWN GATE VALVE, UNDERGROUND "GUIDE TO HEAD" TYPE WITH A FALSE SPINDLE CAP. THE OUTLET SHALL BE N ACCORDANCE WITH ITEM 15 ABOVE 17. 450 x 600mm INTERNAL DIMENSION CHAMBERS MAY BE PROVIDED SUBJECT TO REVIEW BY IW. SUCH CHAMBERS SHALL BE PROVIDED WITH GRADE "A" HEAVY DUTY COVER & FRAME & STAMPED "SV".



PROJECT

Phase 1 Corrib Causeway Dyke Road, Galway

# Galway City Council

### CONSULTANT

AECOM

BLOCK 6, GALWAY TECHNOLOGY PARK PARKMORE

GALWAY, H91 W30F, IRELAND

www.aecom.com NOTES

- 1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS, ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF THE DESIGNER.
- ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE PRIOR TO COMMENCEMENT OF WORKS. OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORKS ON SITE.
- DIMENSIONS OF ALL BOUNDARIES AND ADJOINING ROADS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS. DO NOT SCALE, ALL MEASUREMENTS AND COORDINATES
- TO BE CHECKED ON SITE. RIGID INCLUSION GROUND IMPROVEMENT TECHNIQUES TO BE EMPLOYED PRIOR TO THE CONSTRUCTION OF ANY ROADS OR BELOW GROUND SERVICES. REFER TO STRUCTURAL ENGINEERS DRAWINGS FOR DETAILS
- THE DEVELOPMENT IS TO HAVE A BULK WATER METER (EXACT LOCATION TO BE AGREED WITH UISCE ÉIREANN) IN ACCORDANCE WITH UISCE ÉIREANN CODE OF PRACTICE SECTION 3.15.4. THE CONNECTION POINT IS TO HAVE A METER INSTALLED
- IN ACCORDANCE WITH THE UISCE ÉIREANN CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 9. ALL PROPOSED WATERMAIN PIPEWORK TO BE HDPE WITH MINIMUM PE80 RATING IN ACCORDANCE WITH
- UISCE ÉIREANN CODE OF PRACTICE FOR WATER INFRASTRUCTURE 10. THE MINIMUM PIPE DIAMETER PROPOSED IS 150mm
- 1.ALL WATERMAINS WILL HAVE A MINIMUM COVER OF 900mm. ALL SERVICE PIPES CONNECTING PROPERTIES WILL HAVE MINIMUM COVER OF 750mm. 12. HYDRANTS SHALL BE DOUBLE FLANGED DRILLED TO
- PN16 AND SHALL COMPLY WITH BS EN 14339, IS EN 1074 PART 6 AND 135 750. REFER TO UISCE ÉIREANN CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.16.5.
- 13 SLUICE VALVES HAVE BEEN PROVIDED SO THAT INDIVIDUAL SECTIONS CAN BE ISOLATED & WILL COMPLY TO BS 5163. THE DEPTH OF THE SLUICE VALVE SPINDLE CAP BELOW FINISHED GROUND WILL NOT EXCEEI
- 14. ALL WATERMAIN DETAILS TO BE IN ACCORDANCE WITH THE UISCE ÉIREANN INFRASTRUCTURE STANDARD DETAILS AND CODE OF PRACTICE FOR WATER INFRASTRUCTURE
- 15.ALL WATERMAIN WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH UISCE EIREANN STANDARD DETAIL AND THE CODE OF PRACTICE FOR WATER INFRASTRUCTURE DOCUMENT CDS-5030-03. 6. ALL PIPE MATERIALS SHALL BE IN COMPLIANCE WITH SECTION 3.9 OF UISCE EIREANN CODE OF PRACTICE
- DOCUMENT CDS-5020-03. 7.INDIVIDUAL WATER SERVICE CONNECTIONS AND BOUNDARY BOXES TO EACH DWELLING SHALL BE IN COMPLIANCE WITH UISCE EIREANN STANDARD DETAIL
- STD-W-02 18.SEPARATION DISTANCES FROM OTHER SERVICES BOUNDARY WALLS ETC. SHALL BE IN ACCORDANCE WITH
- UISCE FIREANN STANDARD DETAIL STD-W-11 9. SEPARATION DISTANCES FROM TREES, SHRUBS ETC SHALL BE IN ACCORDANCE WITH UISCE EIREANN
- STANDARD DETAIL STD-W-12 & 12A. 20.ON-LINE AND OFF-LINE AIR VALVE DETAILS SHALL BE I ACCORDANCE WITH UISCE EIREANN STANDARD DETAIL STD-W-22 & STD-W-23 RESPECTIVELY.
- 21.SLUICE VALVE DETAILS SHALL BE IN ACCORDANCE WITH UISCE EIREANN STANDARD DETAIL STD-W-15. 22.ON-LINE AND OFFLINE HYDRANT DETAILS SHALL BE IN ACCORDANCE WITH UISCE EIREANN STANDARD DETAIL
- STD-W-18 & STD-W-19 RESPECTIVELY. 3.WATER MAIN LAYOUTS SHALL BE ARRANGED IN LOOPS
- OR RINGS SO AS TO AVOID "DEAD ENDS" OR TERMINAL POINTS, ALL MAINS SHALL TERMINATE IN A LOOP OF RING TO ACCOMMODATE ONE-DIRECTIONAL FLUSHING OF THE NETWORK. 24.SCOUR VALVE AND CHAMBER DETAILS SHALL BE IN ACCORDANCE WITH UISCE EIREANN STANDARD DETAIL
- STD-W-30.

PURPOSE

P3 PLANNING

## **ISSUE/REVISION**

01	26.02.2025	FOR PLANNING
I/R	DATE	DESCRIPTION

## **PROJECT NUMBER**

60710277

SHEET TITLE

TYPICAL WATERMAIN DETAILS (SHEET 02)

## SHEET NUMBER

60710277-ACM-XX-XX-DR-CE-10-2751

