



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](http://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.
2. ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE PRIOR TO COMMENCEMENT OF WORKS.
3. AECOM LIMITED TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORKS ON SITE.
4. DIMENSIONS OF ALL BOUNDARIES AND ADJOINING ROADS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
5. DO NOT SCALE. ALL MEASUREMENTS AND COORDINATES TO BE CHECKED ON SITE.
6. 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.
7. THE DEVELOPMENT IS TO HAVE A BULK WATER METER (EXACT LOCATION TO BE AGREED WITH UIUCE EIREANN) IN ACCORDANCE WITH UIUCE EIREANN CODE OF PRACTICE SECTION 3.15.4.
8. THE CONNECTION POINT IS TO HAVE A METER INSTALLED IN ACCORDANCE WITH THE UIUCE EIREANN CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.15.2.
9. ALL PROPOSED WATERMAIN PIPEWORK TO BE HDPE WITH MINIMUM PE80 RATING IN ACCORDANCE WITH UIUCE EIREANN CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.15.2.
10. THE MINIMUM PIPE DIAMETER PROPOSED IS 150mm.
11. 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 155 750 REFER TO UIUCE EIREANN CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.15.5.
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 EXCEED 300mm.
14. ALL WATERMAIN DETAILS TO BE IN ACCORDANCE WITH THE UIUCE EIREANN INFRASTRUCTURE STANDARD DETAILS AND CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
15. ALL WATERMAIN WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH UIUCE EIREANN STANDARD DETAIL AND THE CODE OF PRACTICE FOR WATER INFRASTRUCTURE DOCUMENT CDS-5030-03.
16. ALL PIPE MATERIALS SHALL BE IN COMPLIANCE WITH SECTION 3.8 OF UIUCE EIREANN CODE OF PRACTICE DOCUMENT CDS-5020-03.
17. INDIVIDUAL WATER SERVICE CONNECTIONS AND BOUNDARY BOXES TO EACH DWELLING SHALL BE IN COMPLIANCE WITH UIUCE EIREANN STANDARD DETAIL STD-W-02.
18. SEPARATION DISTANCES FROM OTHER SERVICES, BOUNDARY WALLS ETC. SHALL BE IN ACCORDANCE WITH UIUCE EIREANN STANDARD DETAIL STD-W-11.
19. SEPARATION DISTANCES FROM TREES, SHRUBS ETC. SHALL BE IN ACCORDANCE WITH UIUCE EIREANN STANDARD DETAIL STD-W-12 & 12A.
20. ON-LINE AND OFF-LINE AIR VALVE DETAILS SHALL BE IN ACCORDANCE WITH UIUCE EIREANN STANDARD DETAIL STD-W-22 & STD-W-23 RESPECTIVELY.
21. SLUICE VALVE DETAILS SHALL BE IN ACCORDANCE WITH UIUCE EIREANN STANDARD DETAIL STD-W-15.
22. ON-LINE AND OFF-LINE HYDRANT DETAILS SHALL BE IN ACCORDANCE WITH UIUCE EIREANN STANDARD DETAIL STD-W-18 & STD-W-19 RESPECTIVELY.
23. 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 OR RING TO ACCOMMODATE ONE-DIRECTIONAL FLUSHING OF THE NETWORK.
24. SCOUR VALVE AND CHAMBER DETAILS SHALL BE IN ACCORDANCE WITH UIUCE 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

PROPOSED WATERMAIN  
(SHEET 01)

SHEET NUMBER

60710277-ACM-XX-XX-DR-CE-10-2701

