

SERVICES LEGEND:

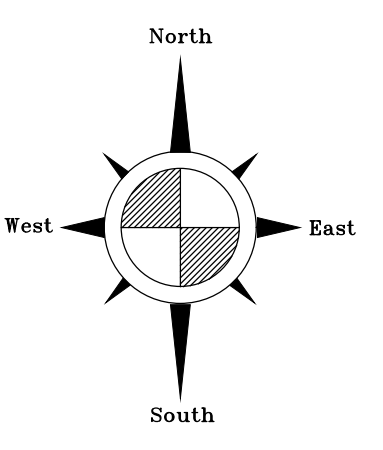
- EXISTING WATERMAIN
- PROPOSED WATERMAIN 100mm DIA.
- DOMESTIC WATERMAIN FEED
- AIR VALVE
- SLUICE VALVE
- SCOUR VALVE
- FIRE HYDRANT
- WATER METER
- BULK METER

ACCEPTABLE WATERMAIN PIPE TYPES:
- HOPE OF TYPE PE-100 & HAVE AN SDR-11 RATING.
- HOPE OF TYPE PE-80 & HAVE AN SDR-11 RATING.

NOTE:
SLUICE VALVE COMPLYING WITH THE REQUIREMENTS OF BS 5163.
DEPTH OF SLUICE VALVE SPINDLE CAP SHOULD NOT EXCEED 300mm.

THE QUANTITY, PRESSURE & DURATION OF WATER SUPPLY
REQUIREMENTS IN THE CASE OF AN EMERGENCY TO BE
DETERMINED & AGREED WITH FIRE OFFICER & LOCAL AUTHORITY.

ALL METERS TO BE INSTALLED AS PER USICE DRAINAGE REQUIREMENTS.



- EXCAVATION AND FILL NOTES :
- 1..THE RESPONSIBLE AUTHORITIES SHOULD BE CONSULTED REGARDING THE GROUND TO BE EXCAVATED WITH REGARD TO THE POSITION AND TYPE OF UNDERGROUND SERVICES THAT ARE LIKELY TO BE ENCOUNTERED DURING EXCAVATION AND ANY POSSIBLE DIVERSIONS REQUIRED.
 - 2..THE BEARING STRATA TO BE APPROVED AND AGREED BY THE CONSULTING ENGINEER.
 - 3..TEMPORARY FILL OVER BEARING STRATA TO BE PROVIDED TO PROTECT THE AGREED BEARING STRATA AND REMOVED FROM SITE BEFORE BEGINNING PERMANENT CONSTRUCTION.
 - 4..EXCAVATE TO THE DIMENSIONS, LEVELS, LINES AND PROFILES SHOWN ON THE RELEVANT DRAWINGS. LEVEL AND GRADE TO FALLS AND REMOVED ALL LOOSE MATERIAL. OBTAIN APPROVAL BEFORE ANY CONCRETING OR FILL WORK IS CARRIED OUT. IF ROCK OR OTHER NATURAL STRATA IS ENCOUNTERED NOTIFY THE ARCHITECT AND ENGINEER AND OBTAIN INSTRUCTIONS BEFORE EXCAVATION. BACK FILL UNAUTHORISED OR EXCESS EXCAVATIONS WITH APPROVED FILLING AT NO EXPENSE TO THE CLIENT.
 - 5..WHEN ARCHAEOLOGICAL OBJECTS ARE DISCOVERED DURING EXCAVATION, STOP WORK IN THE IMMEDIATE VICINITY OF THE FIND AND INFORM THE ARCHITECT AND ENGINEER AT ONCE. THE OWNER OF MINERALS, SAND, GRAVEL OR ARCHAEOLOGICAL OBJECTS AND THE LIVE DISCOVERED IN THE COURSE OF THE EXCAVATIONS SHALL BE DEEMED TO BE THE PROPERTY OF THE CLIENT.
 - 6..EXCAVATIONS IN POSITIONS ADJACENT TO EXISTING BUILDINGS, PATHWAYS OR THE LIKE SHALL BE CARRIED OUT IN SUCH A MANNER THAT SUCH EXISTING BUILDINGS, PATHWAYS OR THE LIKE ARE NOT ENDANGERED.
 - 7..KEEP EXCAVATIONS FREE FROM WATER, AND KEEP WATER FROM EXCAVATIONS CLEAR OF OTHER CONSTRUCTION WORK. THE WATER LEVEL MAY BE SEASONAL AND/OR TIDAL. WHERE TEMPORARY SUMPS ARE REQUIRED CONSTRUCT THEM CLEAR OF EXCAVATIONS FOR PERMANENT WORK AND FILL THEM WITH SUITABLE FILLING WHEN NO LONGER REQUIRED.
 - 8..DISPOSAL AREA FOR EXCAVATED MATERIAL TO BE AGREED WITH CLIENT AND OTHER RELEVANT AUTHORITIES.
 - 9..UNLESS OTHERWISE AGREED ALL FILL MATERIAL WITHIN 1.0m OF BUILDINGS SHOULD BE 'ORANULAR' FILL S.R. 21 2014 AMER 'C' COMPACTED IN 200mm LAYERS USING TO NUMBER PASSES OF A 3000kg PER METER WITH VIBRATING ROLLER. SEE COMPACTION SPECIFICATION TABLE.
 - 10..FILL MATERIAL MUST BE PROVIDED OVER THE FULL EXTENT OF THE ROADS AND EXTEND AT LEAST 300mm BEYOND KERB LINE. IT MUST THEN TAPE 45DEG DOWN TO BEARING STRATA.

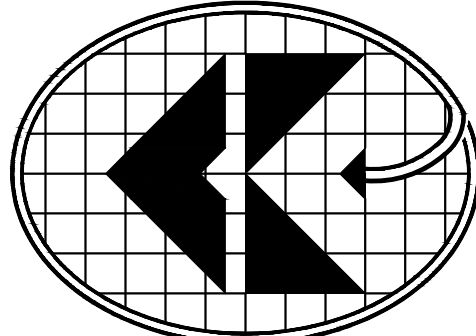
- NOTES
- GENERAL NOTES :
- 1..ALL COYLE KENNEDY DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTS DRAWINGS AND ALL OTHER RELEVANT DRAWINGS.
 - 2..ALL SETTING OUT, INSULATION, DPC, TANKING / WATERPROOFING, SCORED AND RASON PROTECTION DETAILS BY ARCHITECT & SPECIALIST.
 - 3..DETAILED SPECIFICATIONS (IF NOT ISSUED) ARE AVAILABLE AT ENGINEERS OFFICE FOR INSPECTION BY CONTRACTORS, BY APPOINTMENT.
 - 4..REFER TO ARCHITECT FOR DAMP PROOF, TANKING AND GAS PROOFING MEMBRANE REQUIREMENTS. REQUIREMENTS OF SUBSTRUCTURE GAS/WATER PROOFING MEMBRANES TO BE BY A REPUTABLE, COMPETENT SPECIALIST WITH ADEQUATE PL.
 - 5..THE CONTRACTOR SHALL BE DEEMED TO HAVE ALLOWED FOR, WITHIN HIS TENDER, EMPLOYING A CHARTERED STRUCTURAL ENGINEER WITH ADEQUATE PROFESSIONAL INDEMNITY INSURANCE TO ASSESS, DESIGN AND DETAIL SUCH TEMPORARY WORKS AS ARE NECESSARY TO OFFER SUPPORT TO EXISTING AND/OR CONSTRUCTED ELEMENTS DURING THE CONSTRUCTION PERIOD. THIS APPLIES TO ELEMENTS WITHIN THE SITE AND NEIGHBOURHOOD OF THE SITE.
 - 6..THE CONTRACTOR IS DEEMED TO HAVE VISITED THE SITE AND CONSULTED WITH RELEVANT AUTHORITIES AND BE SATISFIED IN RELATION TO THE SITES SURROUNDINGS, EXISTING SERVICES, LEVELS, BOUNDARIES, GROUND CHARACTERISTICS AND ANY OTHER SITE CONSTRAINTS, INCLUDING DIVERSION OF SERVICES AS NECESSARY.
 - 7..ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT BUILDING REGULATIONS.
 - 8..WHERE LEANMIX IS SPECIFIED ALL LEANMIX TO BE GRADE C16/20 (GEN 3), UNLESS NOTED OTHERWISE.
 - 9..ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM (U.N.O.) INDICATING STRUCTURAL LEVEL (SSL).
 - 10..DO NOT SCALE FROM DRAWINGS. USE FIGURED DIMENSIONS ONLY. ANY DISCREPANCIES TO BE REPORTED TO THE STRUCTURAL ENGINEER PRIOR TO COMMENCEMENT OF WORKS.
 - 11..ALL WORKS SHALL BE CARRIED OUT IN A SAFE MANNER AND IN ACCORDANCE WITH THE HEALTH AND SAFETY REGULATIONS. METHOD STATEMENTS (WHERE REQUIRED) SHALL BE SUBMITTED TO THE ENGINEER OR OTHER APPOINTED PERSON(S).
 - 12..THE CONTRACTOR SHALL COMPLY WITH ALL STATUTORY AUTHORITY REQUIREMENTS INCLUDING PLANNING CONDITIONS, FIRE SAFETY CERTIFICATE CONDITIONS, LOCAL AUTHORITY DRAINAGE REQUIREMENTS etc.
 - 13..PROJECT DRAWINGS AND SPECIFICATIONS REFERENCE TO BUILDING REGULATIONS, BRITISH, BS88 OR OTHER NATIONAL STANDARD OR CODES OF PRACTICE DO NOT GIVE THE YEAR OF ISSUE OR DATES OF AMENDMENTS. THE LATEST RELEVANT PUBLISHED VERSION INCLUDING ANY RELEVANT AMENDMENTS AND ADD END AT THE DATE OF INVITATION TO TENDER SHALL APPLY. WHERE A STANDARD OR CODE OF PRACTICE HAS BEEN SUPERSEDED, THE LATEST EDITION OF THE SUPERSEDING PUBLICATION SHALL APPLY.
 - 14..ANY DISCREPANCIES DISCOVERED BETWEEN DESIGN TEAM DRAWINGS TO BE REPORTED IMMEDIATELY AND CLARIFICATION SOUGHT AND DISCREPANCY CORRECTED PRIOR TO CONSTRUCTION COMMENCING.

- WATERMAIN NOTES :
- 1..WATER MAINS SHOULD HAVE A MINIMUM NOMINAL PRESSURE CLASSIFICATION OF 9 BAR. THE FOLLOWING PIPES MAY BE USED:
(A) PIPE TYPE AND MATERIAL SPECIFICATION SHOULD BE IN ACCORDANCE WITH SECTION 3.9 OF THE WATER CODE OF PRACTICE.
(B) DUCTILE IRON PIPES TYPE AND MATERIAL SPECIFICATION SHOULD BE IN ACCORDANCE WITH SECTION 3.9.1 OF THE WATER CODE OF PRACTICE.
(C) POLYETHYLENE PIPES TYPE AND MATERIAL SPECIFICATION SHOULD BE IN ACCORDANCE WITH SECTION 3.9.2 AND 3.9.3 OF THE WATER CODE OF PRACTICE.
 - 2..SERVICE PIPES SHOULD HAVE AN INTERNAL DIAMETER OF 25mm AND SHOULD COMPLY WITH WATER CODE OF PRACTICE SECTIONS 3.8 & 3.9 AND STANDARD DETAIL STD-W-03.
 - 3..CLASS OF PIPE TO USICE EIREANN CODE OF PRACTICE
 - 4..CONCRETE ANCHOR BLOCKS TO COMPLY WITH STANDARD DETAIL STD-W-28.
 - 5..THE DEPTH OF THE SLUICE VALVE SPINDLE CAP BELOW FINISHED GROUND LEVEL SHOULD NOT EXCEED 300mm
 - 6..DEPTH OF HYDRANT FROM FINISHED GROUND LEVEL SHOULD BE A MAXIMUM OF 250mm. HYDRANTS TO COMPLY WITH USICE EIREANN STANDARD DETAILS STD-W-16 TO STD-W-19.
 - 7..AIR VALVES TO BE IN COMPLIANCE WITH THE REQUIREMENTS LISTED IN USICE EIREANN STANDARD DETAIL STD-W-21.
 - 8..THE BOUNDARY BOX IS TO COMPLY WITH USICE EIREANN STANDARD DETAIL STD-W-03.
 - 9..ALL FITTINGS, INCLUDING SLUICE VALVES, BUTTERFLY VALVES, SCOUR VALVES, HYDRANTS, AIR VALVES AND METERS TO COMPLY WITH WATER CODE OF PRACTICE 3.16.
 - 10..NO PIPE, CABLE, CONDUIT OR OTHER SERVICE PIPE SHOULD BE LAID LONGITUDINALLY OVER THE LINE OF A WATERMAIN.
 - 11..TRENCH BACKFILL AND BEDDING TO COMPLY WITH USICE EIREANN STANDARD DETAIL STD-W-13.
 - 12..ALL NEW TREES/SHRUBS PLANTING ADJACENT TO WATER MAINS TO COMPLY WITH USICE EIREANN STANDARD DETAIL STD-W-12A.
 - 13..REFER TO STD-W-5 FOR ARRANGEMENT OF FITTINGS/PIPEWORK FOR TEMPORARY STOP ENDS OR PROVISION FOR FUTURE DEVELOPMENT.

REFER TO DRAWING 307 FOR SECTION & TYPICAL DETAILS
DRAWINGS TO BE READ IN CONJUNCTION
WIT CK REPORT 24-116-250512-01RP AND ITS APPENDICES

F _u - 8/1		
A	SITE LAYOUT UPDATED IN ACCORDANCE WITH REVISED ARCHITECTS DRAWINGS	20/05/2025
Rev.	Revision	Date

DRAWING STATUS			
PRELIMINARY	A APPROVAL	T TENDER	
CONSTRUCTION	R RECORD	I INFORMATION	



COYLE KENNEDY
Consulting Engineers

GFSC,
Moneenageisha Rd,
Galway.

Tel: +353 (0)91 752000
Fax: +353 (0)91 753000

Website: www.coylekennedy.com
email: mail@coylekennedy.com

PROJECT
GCC SOCIAL HOUSING, PORTUMNA, CO. GALWAY

CLIENT
GALWAY COUNTY COUNCIL

TITLE
SITE DRAINAGE LAYOUT

PROJECT No.	24-116	STATUS - SKETCH No.	
DATE	MAY 2025	P-306	
SCALE	1:500 @ A1	BY	AC
		CHECKED	BC
		DRAWING REV.	
		A	