

NNECTION GRADIENTS.	STANDARD DETAILS.
COMPLIANCE WITH STD-WW-03 AND STD-WW-13 AND SITE BOUNDARY.	PIPE MATERIALS SHALL BE IN COMPLIANCE WITH SECTION 3.9 OF THE CODE OF PRACTICE.
SECTION 3.13. OF THE IRISH WATER CODE OF	SHALL BE ADHERED TO REGARDING SEPARATION DISTANCES FROM OTHER SERVICES, BOUNDARY WALLS & TREES.
ED PVC FOR THE MAIN SEWERS AS PER SECTION 3.13.3 E.	SCOUR CHAMBER TO BE CONSTRUCTED AS PER IRISH WATER STANDARD DETAIL DRAWING STD-W-30.
S DRAWINGS STD-WW-5, STD-WW-6 & STD-WW-6A SEPARATION DISTANCES FROM OTHER SERVICES,	BYPASS FLOW METER TO BE CONSTRUCTED AS PER IRISH WATER STANDARD DETAIL DRAWING STD-W-26F.
RD DETAILS STD-WW-09, STD-WW-10, STD-WW-11 E.	CONFIRMATION BY A CHARTERED ENGINEER AND TEST RESULT CERTIFICATES & REPORTS INDICATING THAT THE WATER INFRASTRUCTURE HAS UNDERGONE APPROPRIATE ON-SITE TESTING, OFF SITE TESTING AND COMMISSIONING. THE APPROPRIATE SITE TESTS FOE WATER COLLECTION INFRASTRUCTURE WOULD BE AS FOLLOWS:
EWERS TO STRUCTURES AND OTHER UTILITIES WILL H WATER CODE OF PRACTICE.	 IGN TEST REPORTS - WATERMAIN PRESSURE TESTING SERVICE CONNECTION TEST RESULTS ELECTRO/BUTT FUSION WELD TEST RESULT REPORTS (DESTRUCTIVE TESTING)
TD-WW-06A & 3.26 OF THE IRISH WATER CODE OF S OF WATER AND WASTE WATER. ROOT PROTECTION	 PRINTOUT OF THE JOINT DETAILS, WITH A GPS LOCATION OF EACH ELECTROFUSION & BUTT FUSION JOINT TESTING COMPLETION RESULTS FOR BOOSTER PUMP PLANT (IF APPROPRIATE)
AL SERVICES LAYOUT DISTANCES & STD-WW-05 FOR OUT AND 3.21 IRISH WATER WASTEWATER CODE OF	 SWABBING & FLUSHNG RECORDS DISINFECTION TEST REPORTS (ACCREDITED LABORATORY REPORT) WATER QUALITY SAMPLING RESULTS (ACCREDITED LABORATORY REPORT)
E WATER IRISH WATER CODE OF PRACTICE FOR	AS CONSTRUCTED DRAWINGS: AS CONSTRUCTED RECORD DRAWINGS (IN HARD COPY AND DIGITAL FORMAT) SHALL SHOW
AREAS TO HAVE 200mm ALL ROUND CONCRETE PLINTH E, 20mm AGGREGATE, BEDDED IN CLAUSE 804	THE LOCATION, LAYOUT PLANS, LONGITUDINAL SECTIONS AND DETAILS OF THE WORKS AND THE DEVELOPMENT IN FULL. PLAN SCALES SHOULD BE IN COMMON USE, ie 1:200, 1:500, 1:1000 OR 1:2500 AS APPROPRIATE. DRAWINGS SHOULD BE PREPARED USING AN ELECTRONIC SYSTEM AND SUBMITTED IN STANDARD "CAD COMPATIBLE (DWG/DXF)" FILE FORMAT. THESE DRAWINGS SHALL CONTAIN THE FOLLOWING INFORMATION.
ODE OF PRACTICE FOR STAGGERED MANHOLE	LOCATIONS OF ALL VALVES, HYDRANTS, SCOUR VALVES OR WASHOUT HYDRANTS, METERS DUCTS TAPPING LOCATIONS WATER MAIN AND SERVICE PIPES BOUNDARY
LE CHAMBER TO BE A MINIMUM OF 0.5m FROM KERB ARE A MINIMUM OF 1M FROM KERB LINE. SEE SECTION CODE OF PRACTICE	 BOXES, ETC., COMPLETE WITH LEGENDS TO IRISH WATER 'S REQUIREMENTS. DETAILED PIPE MATERIAL TYPES, SIZES, CONNECTION DETAILED PLANS OF PIPE BRANCHES, SHOWING VALVE LOCATIONS, ETC. LOCATIONS OF ASSETS ARE TO BE TO +/- 100MM ACCURACY IN THE HORIZONTAL PLANE
IEER AND TEST RESULT CERTIFICATES INDICATING TURE HAS UNDERGONE APPROPRIATE ON-SITE 'ROPRIATE SITE TESTS FOE WASTEWATER BE AS FOLLOWS: IMPLETION RESULTS FOR SEWERS ITION RESULTS FOR MANHOLES AND PUMPING	 COVER LEVEL FOR WATER MAIN FITTINGS AND INTERMITTENT WATER MAIN INVERTIGATION OF THE CONTRACT OF THE ASSET. COVER LEVEL FOR WATER MAIN FITTINGS AND INTERMITTENT WATER MAIN INVERT LEVELS RELATING TO FIXED ORDNANCE SURVEY DATUM (MALIN HEAD) TO AN ACCURACY OF +/- 20MM. LONGITUDINAL SECTIONS, TO AN EXAGGERATED VERTICAL SCALE, (SUCH AS 1:1000 HORIZONTAL AND 1:100 VERTICAL) SHOWING INSTALLED LEVELS. COMPLETED GROUND
RESULTS OF RISING MAINS COMPLETE WITH A HARD ER OF THE RELAXATION CURVE AS PROOF OF THE -03 COMPLIANT REPORT) .S, WITH A GPS LOCATION OF EACH JOINT (HDPE	 LEVELS, CONTAC AND FIND VENTICAL, SHOWING INSTACLED LEVELS, CONTACTOR AND STORE AND AND STRUCTURE STATEMENTS, BACKFILL DETAILS, TOGETHER WITH CHAMBER LOCATIONS, CHAINAGES, GRADIENTS, PIPE MATERIALS, ETC. ALL CHAMBERS FOR WATER SUPPLY FITTINGS SHALL BE IDENTIFIED AND PROVIDED WITH LOCATION CO-ORDINATES TO IRISH NATIONAL GRID (ING) DETAILS OF ANY SERVICES AND STRUCTURES ON THE SITE, ESPECIALLY THOSE IN CLOSE PROXIMITY TO THE WORKS INCLUDING OFFSET MEASUREMENT TO THE WATER
V & MANHOLE SURVEY REPORTS	 SUPPLY SYSTEM. DWELLING AND BUILDING NUMBERS. CONSTRUCTION DETAILS OF PUMP STATION AS WELL AS MECHANICAL FLECTRICAL AND
AL REPORTS AND DELIVERABLES TO IRISH WATER	INSTRUMENTATION EQUIPMENT DETAILS. • DETAILS OF SERVICES AND STRUCTURES ON THE SITE, EXISTING AND PROPOSED, ESPECIALLY THOSE IN CLOSE PROXIMITY TO THE WORKS INCLUDING DESETS
E WITH INFONET. ED IDENTIFYING THAT NO DEFECTS EXIST. REPORTS H A HARD COPY OF THE SURVEY REPORT. RTS SUBMITTED IDENTIFYING THAT NO DEFECTS FORMAT ON CD OR DVD WITH A HARD COPY OF THE CING SHALL BE CONSISTENT WITH THE AS NATIONAL GRID COORDINATES (ING)) TO +/- 100mm , WITH DIMENSIONS RELATING TO FIXED ORDNANCE TRS CONSULTANT ENGINEER: CONFIRMATION THAT A MPLEMENTED WITH THE RESULT THAT NO DEFECTS MANHOLES.	MEASUREMENTS TO THE WORKS.
BELOW GROUND, SELF FROST PROOF, 5834-2 ROM VEHICULAR AXIAL E	
	REV. DATE DESCRIPTION APPROVED
POLYETHELENE (PE) WATER MAIN	COPYRIGHT RESERVED- THIS DRAWING IS NOT TO BE USED FOR A PURPOSE OTHER THAN THAT FOR WHICH IT HAS BEEN ISSUED BY ALAN TRAYNOR CONSULTING ENGINEERS. NOR IS IT TO BE COPIED OR REPRODUCED IN ANY MATTER WITHOUT WRITTEN CONSENT.
ELECTROFUSION TRANSITION COUPLER ROFUSION TAPPING TEE MM OUTLET) - FOR PE R MAIN ONLY	Alan TraynorConsulting Engineers LtdUnit 6, Betturbet Business Park, Creeny, Betturbet, Co.Cavan H14AY94TEL:(+353) 4995222362nd Floor, 67-70 Meath St, Dublin 8 D08XY53TEL:(+353) 19697881Email: info@alantraynor.comWebsite: www.alantaynor.comCLIENT
	CAVAN COUNTY COUNCIL
BEDDING 'C'(mm) S 150 FER 200 ER TRENCH WIDTH	PROJECT TITLE PROPOSED RESIDENTIAL DEVELOPMENT AT ASHGROVE, DERRYLURGAN, BALLYJAMESDUFF, CO. CAVAN
'B'(mm)	
SEE IW-CDS 500 600 600	DRAWING TITLE TYPICAL CONSTRUCTION DETAILS (SHEET 01 OF 02)
SEE IW-CDS 500 600 600 750	DRAWING TITLE TYPICAL CONSTRUCTION DETAILS (SHEET 01 OF 02)
SEE IW-CDS 500 600 600 750 750 900	DRAWING TITLE TYPICAL CONSTRUCTION DETAILS (SHEET 01 OF 02) SCALE DRAWN JOHN O'REILLY CHECKED LIAM McELGUNN APPROVED ALAN TRAYNOR
SEE IW-CDS 500 600 600 750 750 900 900	DRAWING TITLE TYPICAL CONSTRUCTION DETAILS (SHEET 01 OF 02) SCALE DRAWN JOHN 0'REILLY CHECKED LIAM McELGUNN APPROVED ALAN TRAYNOR AS SHOWN DATE AUGUST 2023 DATE AUGUST 2023 DATE AUGUST 2023

23-105-110

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WATER INFRASTRUCTURE

LL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH IRISH WATER DOCUMENTS

WATER BOUNDARY BOXES TO BE IN COMPLIANCE WITH THE IW CODE OF PRACTICE AND

W-CDS-5020-01 (STANDARD DETAILS) & IW-CDS-5020-03 (CODE OF PRACTICE).