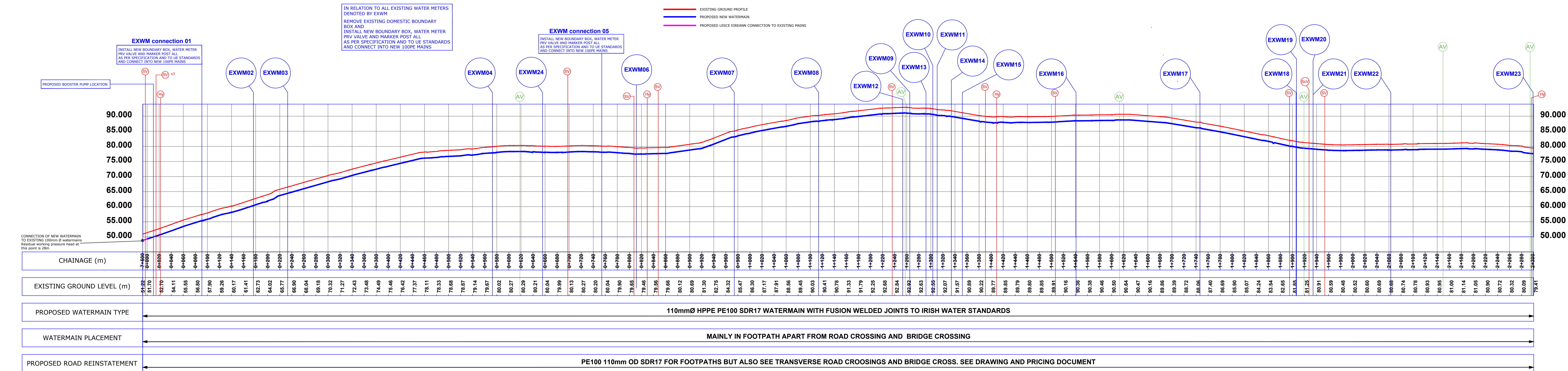




Longitudinal Section
HZ scale @A1 1:2500
VT scale @A1 1:500

NOTE:
ALL METERS, VALVES, FITTINGS, PIPES
USED AND TENDERED FOR TO BE APPROVED
BY USICE EIREANN. CERTIFICATION REQUIRED
TO SHOW COMPLIANCE WITH UE REQUIREMENTS

GENERAL NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE. DO NOT SCALE FROM THIS DRAWING. FIGURED DIMENSIONS SHALL TAKE PRECEDENCE.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS, ALIGNMENTS, EXISTING SERVICES AND SITE CONDITIONS PRIOR TO COMMENCEMENT OF THE WORKS. ANY DISCREPANCIES SHALL BE REFERRED TO THE ENGINEER BEFORE PROCEEDING.
3. THE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE CONTRACT DRAWINGS, WORKS REQUIREMENTS, CIVIL ENGINEERING SPECIFICATION, BILL OF MATERIALS, CURRENT USICE EIREANN REQUIREMENTS, APPLICABLE INTERNATIONAL STANDARDS, ROAD OPENING LICENCE CONDITIONS AND THE REQUIREMENTS OF THE RELEVANT STATUTORY AUTHORITIES.
4. ALL WATER INFRASTRUCTURE SHALL COMPLY WITH THE CURRENT USICE EIREANN CODE OF PRACTICE FOR WATER INFRASTRUCTURE AND WATER INFRASTRUCTURE STANDARD DETAILS, INCLUDING ANY PROJECT-SPECIFIC REQUIREMENTS OR DEVIATIONS APPROVED BY USICE EIREANN.
5. THE CONTRACTOR SHALL CONFIRM THE LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND AND OVERHEAD SERVICES BEFORE EXCAVATION. SERVICE DRAWINGS ARE INDICATIVE ONLY. CATCHER SURVEYING AND TIAL NOLES SHALL BE UNDERTAKEN AS NECESSARY. EXISTING SERVICES SHALL BE PROTECTED AND SUPPORTED DURING THE WORKS.
6. PROPOSED WATERMANS SHALL BE PE100 SDR17 OF THE DIMENSIONS SHOWN ON THE DRAWINGS. OPERATING, FITTINGS, VALVES AND ROAD JUNCTION COMPONENTS SHALL BE SUITABLE FOR POTABLE WATER SERVICE AND SHALL COMPLY WITH THE SPECIFICATION AND USICE EIREANN REQUIREMENTS.
7. UNLESS OTHERWISE SPECIFIED, THE ROAD MAIN COVER TO WATERMANS SHALL BE AS INDICATED ON THE CONTRACT DRAWINGS. PARTICULAR ATTENTION SHALL BE GIVEN TO ROAD CROSSINGS, EXISTING CULVERTS, SERVICES AND OTHER LOCATIONS WHERE REDUCED COVER MAY OCCUR. NO REDUCED COVER ARRANGEMENT SHALL BE CONSTRUCTED WITHOUT THE ENGINEER'S APPROVAL.
8. PIPE TRENCHING, BEDDING, HAUNCHING, SUBSOUND, BACKFILL AND COMPACTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT SPECIFICATION, USICE EIREANN STANDARD DETAILS AND THE REQUIREMENTS OF THE ROAD OPENING LICENCE WHERE APPLICABLE.
9. ALL VALVES, FITTINGS, WATERMANS, BOUNDARY BOXES, PIPES, CHAMBERS, MARKER POSTS AND ASSOCIATED FITTINGS SHALL BE INSTALLED AT THE LOCATIONS SHOWN OR AS AGREED WITH THE ENGINEER OR SITE.
10. THE CONTRACTOR SHALL MAINTAIN THE EXISTING WATER SUPPLY TO CONSUMERS THROUGHOUT THE WORKS. CONNECTIONS, SHUTDOWNS AND CHANGES SHALL BE PLANNED AND AGREED IN ADVANCE WITH THE EMPLOYER, ENGINEER AND USICE EIREANN WHERE APPLICABLE.
11. EXISTING WATER INFRASTRUCTURE SHALL NOT BE ABANDONED, DISCONNECTED OR DECOMMISSIONED UNTIL THE NEW WORKS HAVE BEEN SUCCESSFULLY PRESSURE TESTED, FLUSHED, DISINFECTED, WATER QUALITY TESTED, COMMISSIONED AND ACCEPTED FOR USE.
12. ALL ROAD AND FOOTPATH OPENINGS SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE ROAD OPENING LICENCE AND THE GUIDELINES FOR HANDLING OPENINGS IN PUBLIC ROADS (PUBLIC ROAD). PERMANENT REINSTATEMENT SHALL COMPLY WITH THE APPLICABLE STANDARD DETAIL, INCLUDING SOE, SOY AND SELL, AS RELEVANT TO THE LOCATION AND TYPE OF OPENING.
13. EXISTING BETTERMENT FOOTPATHS SHALL BE REINSTATED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SELL, WHERE REQUIRED BY THE ROAD OPENING LICENCE. FULL WIDTH FOOTPATH REINSTATEMENT SHALL BE PROVIDED.
14. CORRESPONDING SPECIALS AFFECTED BY THE WORKS ARE TO BE REINSTATED IN BETTERMENT.
15. THE CONTRACTOR SHALL CONSIDER THE ROAD FOOTPATH CONSTRUCTION SHALL BE REINSTATED TO A TOTAL SURFACE DEPTH OF 100mm, SUBJECT TO THE ROAD OPENING LICENCE REQUIREMENTS.
16. TRANSVERSE OPENINGS IN THE ROAD SHALL BE PERMANENTLY REINSTATED IN ACCORDANCE WITH PUBLIC ROAD SOT. LONGITUDINAL OPENINGS AT HEAVY-DUTY ROADWAY LOCATIONS SHALL BE REINSTATED IN ACCORDANCE WITH SOT, SUBJECT TO ALL CASES TO THE ROAD OPENING LICENCE.
17. ALL TRAFFIC MANAGEMENT SHALL COMPLY WITH CURRENT STATUTORY AND ROAD AUTHORITY REQUIREMENTS. SAFE WORKING AND PEDESTRIAN ACCESS SHALL BE MAINTAINED. THE EXISTING PEDESTRIAN FOOTPATH ROUTE SHALL BE KEPT UNINTERRUPTED THROUGHOUT THE WORKS, EXCEPT FOR SPAT-CONTROLLED CLOSURES/STRAIGHTS AGREED IN ADVANCE.
18. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PREVENT CONTAMINATION OF EXISTING AND PROPOSED POTABLE WATER INFRASTRUCTURE. OPEN PIPE ENDS SHALL BE SECURELY CAPPED WHEN WORK IS NOT IN PROGRESS.
19. ALL CONNECTIONS TO EXISTING MAINS SHALL BE INSERTED IN A CONTROLLED MANNER AND ONLY FOLLOWING AGREEMENT OF THE CONNECTION/SHUT-DOWN PROCEDURE. EXISTING MAINS SHALL BE TREATED AS LIVE UNLESS CONFIRMED OTHERWISE.
20. THE COMPLETED WATERMAIN SHALL BE PRESSURE TESTED, FLUSHED, DISINFECTED, WATER QUALITY TESTED, COMMISSIONED AND ACCEPTED FOR USE.
21. THE CONTRACTOR SHALL MAINTAIN ACCURATE AS-BUILT RECORDS THROUGHOUT THE WORKS. FINAL AS-BUILT INFORMATION SHALL INCLUDE WATERMAIN ALIGNMENT, LEVELS WHERE REQUIRED, PIPE SIZE/MATERIAL, VALVES, FITTINGS, AIR VALVES, HANDS, METERS, BOUNDARY BOXES, SERVICE CONNECTIONS, PUSION JOINTS AND OTHER DETAILS, WITH COORDINATES TO THE REQUIRED IRISH GRID/UTM SYSTEM.
22. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY GROUND CONDITIONS, ROCK, UNSTATED SERVICES, CULVERTS, STRUCTURES OR OTHER OBSTRUCTIONS WHICH MAY AFFECT THE HEALTH AND SAFETY OF THE WORKS (CONSTRUCTION) REGULATIONS 2013, AS AMENDED, THE PROJECT SAFETY AND HEALTH PLAN AND THE CONTRACTOR'S APPROVED METHOD STATEMENTS.
23. WHERE A CONFLICT EXISTS BETWEEN THE DRAWINGS, SPECIFICATION, BILL OF MATERIALS, STANDARD DETAILS OR SITE CONDITIONS, THE CONTRACTOR SHALL SEEK THE ENGINEER'S INSTRUCTION BEFORE PROCEEDING. NO ASSUMPTION SHALL BE MADE WHILE Awaiting Instruction.
24. MATERIALS AND PRODUCTS REQUIRING APPROVAL SHALL NOT BE ORDERED OR INCORPORATED INTO THE WORKS UNTIL THE RELEVANT TECHNICAL SUBMITTALS HAVE BEEN ACCEPTED IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY WORKS, TEMPORARY SUPPORT, DEWATERING, TRENCH STABILITY, EXCAVATION SAFETY AND PROTECTION OF ADJACENT ROADS, FOOTPATHS, PROPERTY, STRUCTURES AND SERVICES NECESSARY TO EXECUTE THE PERMANENT WORKS SAFELY.

REV	DESCRIPTION	DATE	BY
ARCHITECT			
CLIENT	RAHEEN GROUP WATER SCHEME		
JOB	PROPOSED NEW WATERMAIN REPLACEMENT & ASSOCIATED WORKS		
TITLE	LONGITUDINAL SECTION		
STATUS	TENDER STAGE		
ADDRESS: Tullyvaghan, Spanglish, Co. Clare. Mobile: 087-2696692 Email: info@fergalcoughlan.com			
SCALES: As shown			
DATE	June 2026	DRG. No.	
DRAWN	FC	F2026/RHGS/010	
CHECKED			
APPROVED			