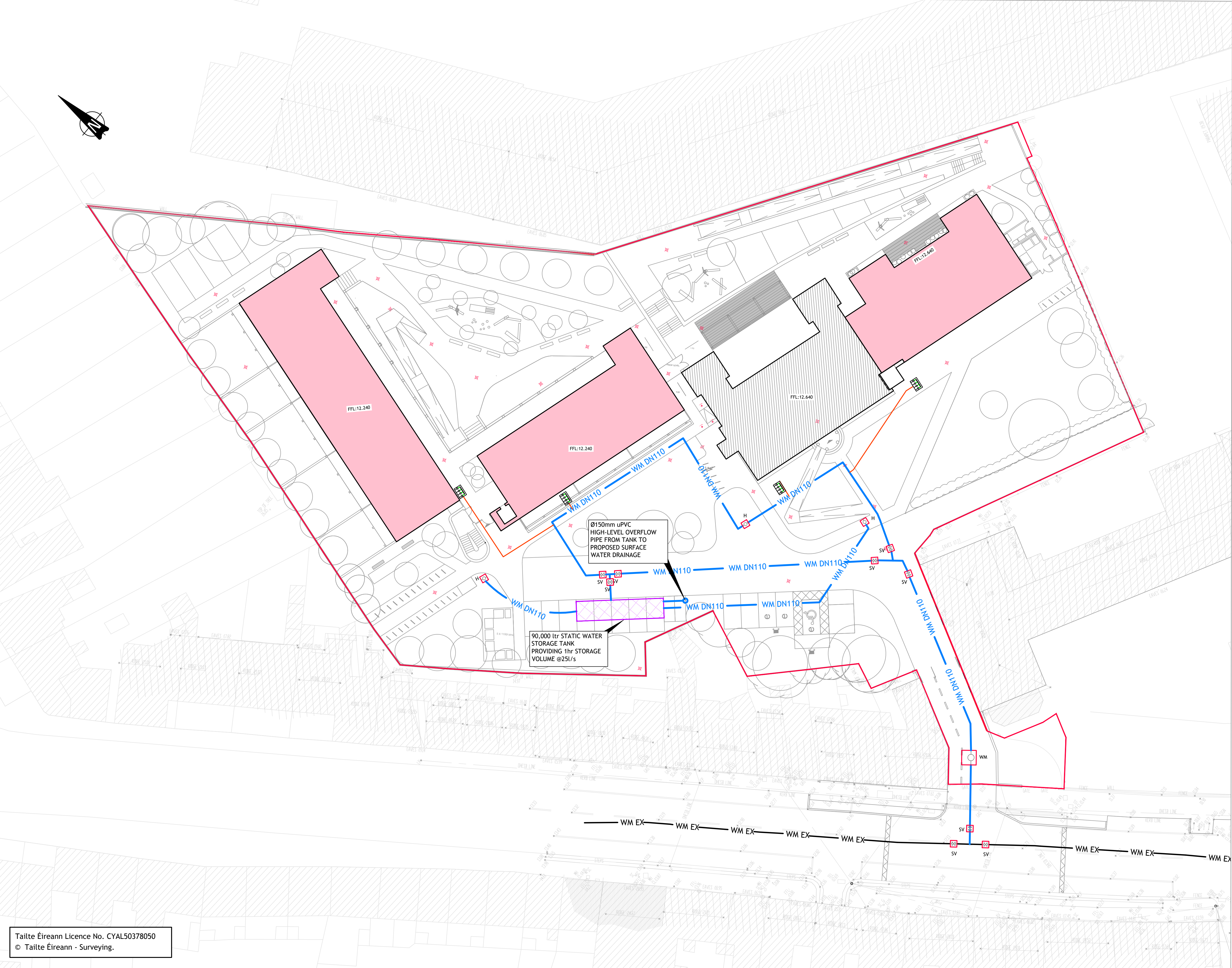




LEGEND:	
EXISTING WATERMAIN	WM EX
PROPOSED WATERMAIN (110 OD PE80 SDR11 PIPE) MATERIALS MUST BE IN ACCORDANCE WITH IRISH WATER STANDARDS	WM DN110
PROPOSED FIRE HYDRANT	H
PROPOSED SLUICE VALVE	SV
PROPOSED MECHANICAL WATERMETER & CHAMBER	WM
PROPOSED STATIC WATER STORAGE TANK	
PROPOSED WATER SERVICE CONNECTION. SERVICE PIPES LESS THAN 15m LONG PIPE TO BE DN25. FOR PIPES 15m TO 30m LONG PIPE TO DN32	
PROPOSED BLOCK MANIFOLD	
SITE BOUNDARY	
PROPOSED BUILDING	
EXISTING BUILDING	

- NOTES:
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS. FIGURED DIMENSIONS ONLY TO BE USED - NO SCALING.
 - THE CONTRACTOR SHALL UNDERTAKE A THOROUGH CHECK FOR THE ACTUAL LOCATION OF ALL SERVICES/UTILITIES, ABOVE AND BELOW GROUND, BEFORE ANY WORK COMMENCES.
 - WATERMAIN SUPPLY PIPE TO BE PE100 SDR17 AS PER UIUCE EIREANN REQUIREMENTS.
 - WATER SERVICE CONNECTIONS TO INDIVIDUAL MANIFOLDS TO BE PE80 SDR17.
 - ALL PIPE DIAMETERS ARE NOMINAL.
 - WHERE CONNECTION IS REQUIRED TO AN EXISTING PUBLIC WATERMAIN, THE CONTRACTOR MUST ISSUE DETAILED DOCUMENTATION FOR APPROVAL TO THE RELEVANT LOCAL AUTHORITY AND IRISH WATER. THIS DOCUMENTATION MUST BE SUBMITTED AT LEAST 40 WORKING DAYS IN ADVANCE OF THE PLANNED WORKS OR AS OTHERWISE AGREED.
 - ALL THRUST BLOCKS MUST BE CAST AGAINST UNDISTURBED GROUND. FLEXIBLE PIPES SHOULD BE WRAPPED IN ONE LAYER OF 1000-GAUGE POLYTHENE TO AVOID DIRECT CONTACT WITH THE CONCRETE. MARKER POSTS AND PLATES SHALL BE PROVIDED FOR ALL VALVES, METERS, AND HYDRANTS.
 - CHLORINATION AND BACTERIOLOGICAL TESTS ARE TO BE UNDERTAKEN BY AN EXTERNAL TESTER, AND TEST CERTIFICATION MUST BE SUBMITTED TO THE ENGINEER.
 - MARKER POSTS AND PLATES ARE TO BE PROVIDED FOR ALL VALVES.
 - IN ADVANCE OF TESTING OF THE WATERMAINS, THE CONTRACTOR MUST PRESENT TO THE ENGINEER A CALIBRATION CERTIFICATE FOR THE APPARATUS TO BE USED IN THE TEST.
 - ALL DETAILS ARE TO BE AGREED WITH THE LOCAL AUTHORITY.
 - ALL EXISTING WATERMAINS ARE TO BE ADEQUATELY PROTECTED. ANY WATERMAINS DAMAGED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN COST.
 - COVERS OF ALL HYDRANT CHAMBERS ARE TO BE PAINTED YELLOW, EXCEPT FOR HYDRANTS THAT ARE NOT INTENDED FOR FIRE SERVICE PURPOSES.
 - ALL ROCKER PIPES SHALL BE NO MORE THAN 150 MM FROM THEIR ASSOCIATED CHAMBER.
 - WHERE A PIPE RUN IS LOCATED ADJACENT TO A FOUNDATION AND IS AT A LEVEL BELOW THE UNDERSIDE OF THE FOUNDATION, THE PIPE TRENCH IS TO BE BACKFILLED TO FORMATION LEVEL WITH CLASS 15/20 CONCRETE.
 - ANCHOR/THRUST BLOCKS ARE TO BE PROVIDED ON ALL BENDS EQUAL TO OR GREATER THAN 22.5°, DEAD ENDS, AND TEES ON ALL PIPES.
 - TRENCHES IN EXISTING SURFACES ARE TO BE SAW CUT.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING OUT WATERMAINS AND SLUICE VALVES TO ENSURE THERE ARE NO CLASHES WITH SERVICE DUCTS OR PIPES.
 - ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD.

Taitte Éireann Licence No. CYAL50378050
© Taitte Éireann - Surveying.

© PUNCH Consulting Engineers

This drawing and any design hereon is the copyright of the Consultants and must not be reproduced without their written consent.
All drawings remain the property of the Consultants.
Figured dimension only to be taken from this drawing.
Consultants to be informed immediately of any discrepancies before work proceeds.



Rev	Amendment	By	Date
P01	ISSUED FOR PLANNING REVIEW	LL	16.10.2024
C01	ISSUE FOR PLANNING	LL	06.03.2025
C02	UPDATED ISSUE FOR PLANNING	LL	10.04.2025
C03	UPDATED ISSUE FOR PLANNING	LL	06.08.2025
C04	UPDATED ISSUE FOR PLANNING	LL	22.09.2025

Rev	Amendment	By	Date

Client:

GOOD SHEPHERD



Project: REFUGE CENTRE TURNER'S CROSS, CORK			
Title: PROPOSED WATERMAIN LAYOUT			
Drawn: Liam Lonergan	Date drawn: 08.10.2024	Technician Checks: Dragan Trkulja	Engineer Check: Dragan Trkulja
Project No: 244110	Model Ref: 244110-PUNCH-XX-XX-M2-C-0300	Drawing Status: A0 (Planning)	Revised No: C04
Scale @ A1: 1:250	Document No: 244110-PUNCH-XX-XX-DR-C-0300		