

- Notes:
1. Read this drawing in conjunction with all other relevant Engineer and Architect Drawings.
 2. Do not scale this drawing, use only written dimensions.
 3. Do not set out from this drawing unless specifically confirmed by the Engineers beforehand.
 4. All levels shown are to Mean Sea Level datum (mOD).
 5. The contractor is to check all service connections before commencing any site development works.
 6. The Engineer is to be informed of discrepancies that may arise before the contractor commences any site development works, if doubt - ask!
 7. All watermains to be in accordance with the Irish Water Water Infrastructure Code of Practice (IW CoP) for water Infrastructure and in accordance with the Irish Water Water Infrastructure Standard Details (Rev.3).
 8. All pipe materials to be in accordance with Section 3.9 the IW CoC as follows:
Pipe Ø 100-150mm - HDPE, MDPE (PE80) and DI
Pipe Ø 200-300mm - HPPE(PE-100), HDPE, MDPE(PE-80) and PE pipes to have an SDR rating of 11 or 17 and be compliant with ISO 1220 Part 1,2 and 3 for plastic pipes and fittings under pressure.
DI pipes to have a C40 pressure rating, with 16 bar fittings and be in compliance with IS EN 545.
 9. Bulk meter and chamber to be agreed with DLRC before construction commences.
 10. Domestic and non-domestic meters will be supplied and installed by Irish Water.

TYPICAL DETAIL REFERENCES	
DETAIL TYPE	IW STANDARD DETAILS (Rev03)
Hydrant Chambers	STD-W-18
Trust Blocks	STD-W-28
Bulk Water Meter	STD-W-26
Air Valve	STD-W-22
Sluice Valve	STD-W-15
Bedding/backfilling	STD-W-13
Boundary/Connection	STD-W-03
Marker Plates	STD-W-27
Scour Valve	STD-W-30

THIS IS A PRE-PLANNING DRAWING FOR APPROVAL OF THE IRISH WATER CDS SECTION

Watermain Legend

Existing Watermain

Proposed Watermain

Sluice Valve

Bulk water meter

Scour Valve

Hydrant

Air Valve

Boundary box and domestic connection

SV

BM

AV

BB

REV/DATEDESCRIPTION

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Project

KILTERNAN VILLAGE LRD

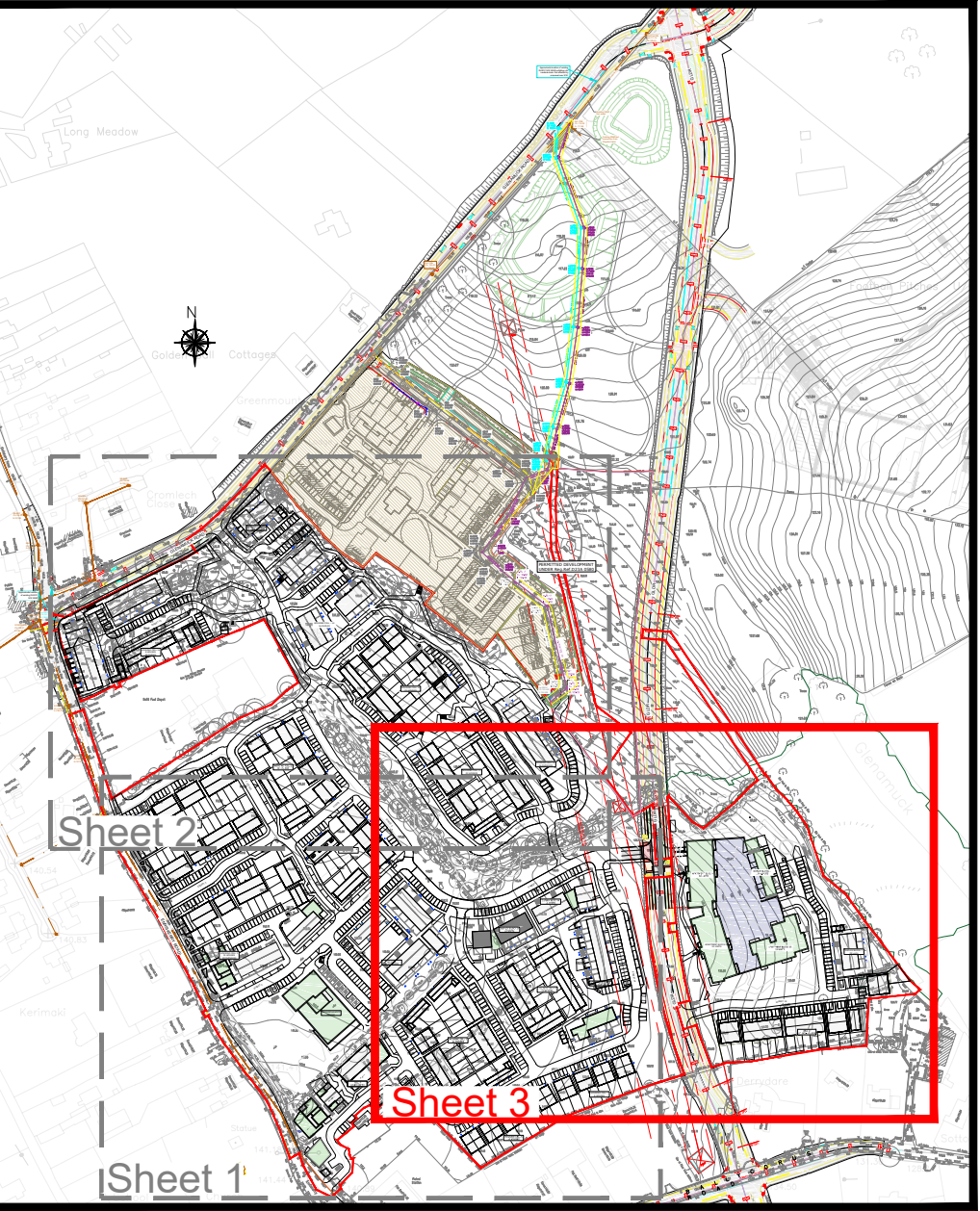
Drawing Title

WATERMAIN LAYOUT
Sheet 3

Architect

MCORM
Architects

Date	Drawn By	Scales	Dwg.No.	Stage	Rev
May'24	RM	1:500 @A1	2104C/312	LRD Stage 3	



Key Plan
A1 Scale 1:5000
A1 Scale 1:500
0m 10m 20m 30m 40m 50m
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