

**Watermain Legend**

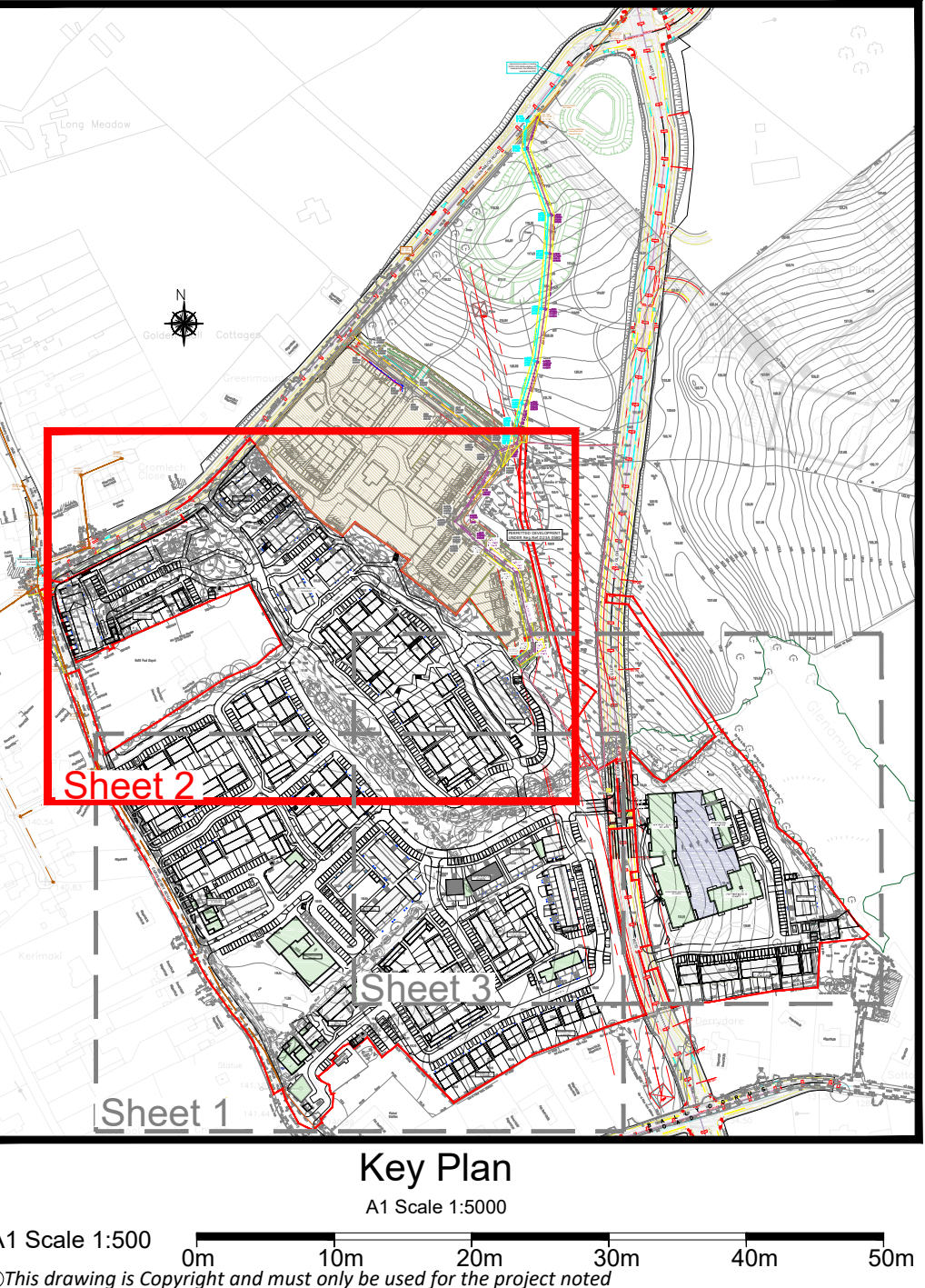
- Existing Watermain
- Proposed Watermain
- Sluice Valve
- Bulk water meter
- Scour Valve
- Hydrant
- Air Valve
- Boundary Box and domestic connection

- Notes:**
- Read this drawing in conjunction with all other relevant Engineers and Architects drawings.
  - Do not scale this drawing, use only written dimensions.
  - Do not set out from this drawing unless specifically confirmed by the Engineers beforehand.
  - All levels shown are to Main Head datum (mOD).
  - The contractor is to check all service connections before commencing any site development works.
  - The Engineer is to be informed of discrepancies that may arise before the contractor commences any site development works, if in doubt - ask!
  - All watermain 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).
  - All pipe materials to be in accordance with Section 3.9 the IW CoP as follows:
    - Pipe Ø 100-150mm - HDPE, MDPE (PE80) and DI
    - Pipe Ø 200-300mm - HPPE(PE-100), HDPE, MDPE(PE-80) and DI
    - PE pipes to have an SDR rating of 11 or 17 and be compliant with ISEN 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.

**TYPICAL DETAIL REFERENCES**

DETAIL TYPE	IW STANDARD DETAILS (Rev03)
Hydrant Chambers	STD-W-16
Thrust 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



REV	DATE	DESCRIPTION
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<b>Project</b> KILTERNAN VILLAGE LRD		
<b>Drawing Title</b> WATERMAIN LAYOUT Sheet 2		<b>Architect</b> MCORM Architects
Date	Drawn By	Scales
May'24	RM	1:500 @A1
Dwg.No.	Stage	Rev
2104C/311	LRD Stage 3	