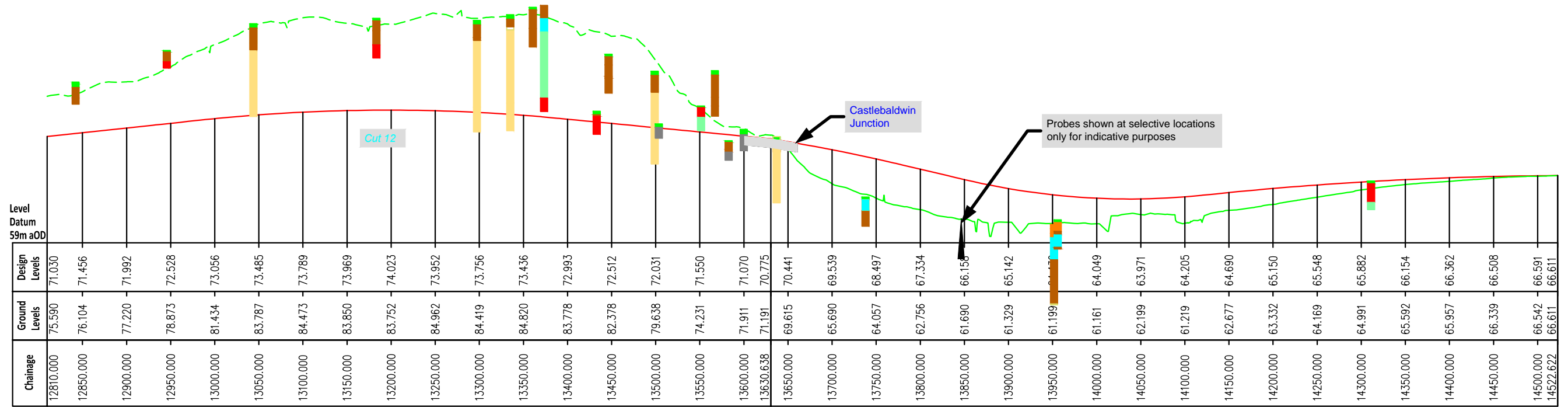
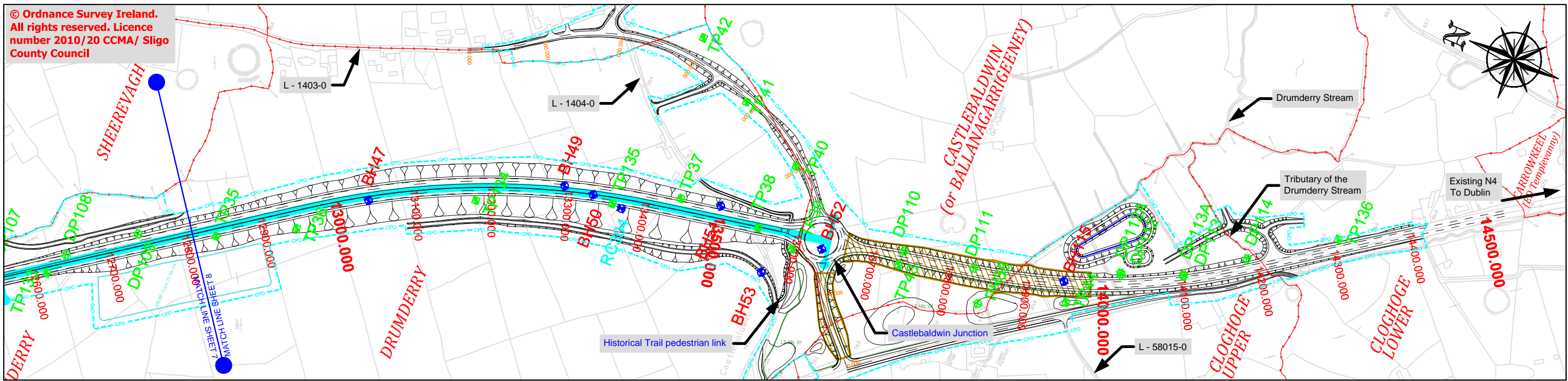


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**Legend**

**Geotechnical**

- Borehole
- BH indicates Borehole
- RC indicates Rotary Core
- Borehole with Standpipe
- Trial Pit
- Probe Hole

**G.I. Classification Overview (based on main class)**

**TOPSOIL**

- TOPSOIL

**TILL**

- BOULDERS
- CLAY
- COBBLES

- GRAVEL
- SAND
- SILT
- PEAT

- SAND
- SILT
- PEAT

**PEAT**

- SAND
- SILT
- PEAT

**BEDROCK**

- LIMESTONE
- SANDSTONE
- CAVITY

- SANDSTONE
- CAVITY

**PROBE (selective locations only)**

- Indicates depth of refusal

Nb.: Alluvials identified in localised locations included in categorisations and not specifically defined in the sections.

- Townland Boundary
- CPO Boundary
- Land Made Available (LMA)
- Townland Names
- Design Chainage
- Retaining Wall
- Constructed Wetland
- Existing Attenuation Pond
- Cut Section (based on road centre line)
- Spoil Repository
- Landscape Mitigation Site
- Excavate/Replace for the purposes of EIS
- Proposed Design Level
- Existing Ground Level

**NOTE:**

All proposed road levels indicated are based on a Design prepared for Phase 3 and 4 of the NRA PMG and may be revised at the Detailed Design Stage. Modifications may be made to avail of opportunities to improve the design in the light of experience on the ground or other innovations provided this has no significant adverse environmental effects.

G.I Classification overview is for indicative purposes only (to give a broad overview of geological conditions).

Nb.: Where GI points are not flush with existing GL this is an indication of the point being some distance off the centreline of the proposed N4.



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Date	By	Revision

Project: N4 Collooney to Castlebaldwin Proposed Road Development

Title: Geotechnical Overview  
Ch. 12,810m to Ch. 14,523m

Scales (A3)	Date	Job No.	
H 1:5,000 V 1:500	December 2013	SO/01/150	
Design	Drawn	Checked	Approved
FM	BR	FM	AS

Figure No.:  
Fig.: 13.4.8  
Sheet 8 of 8