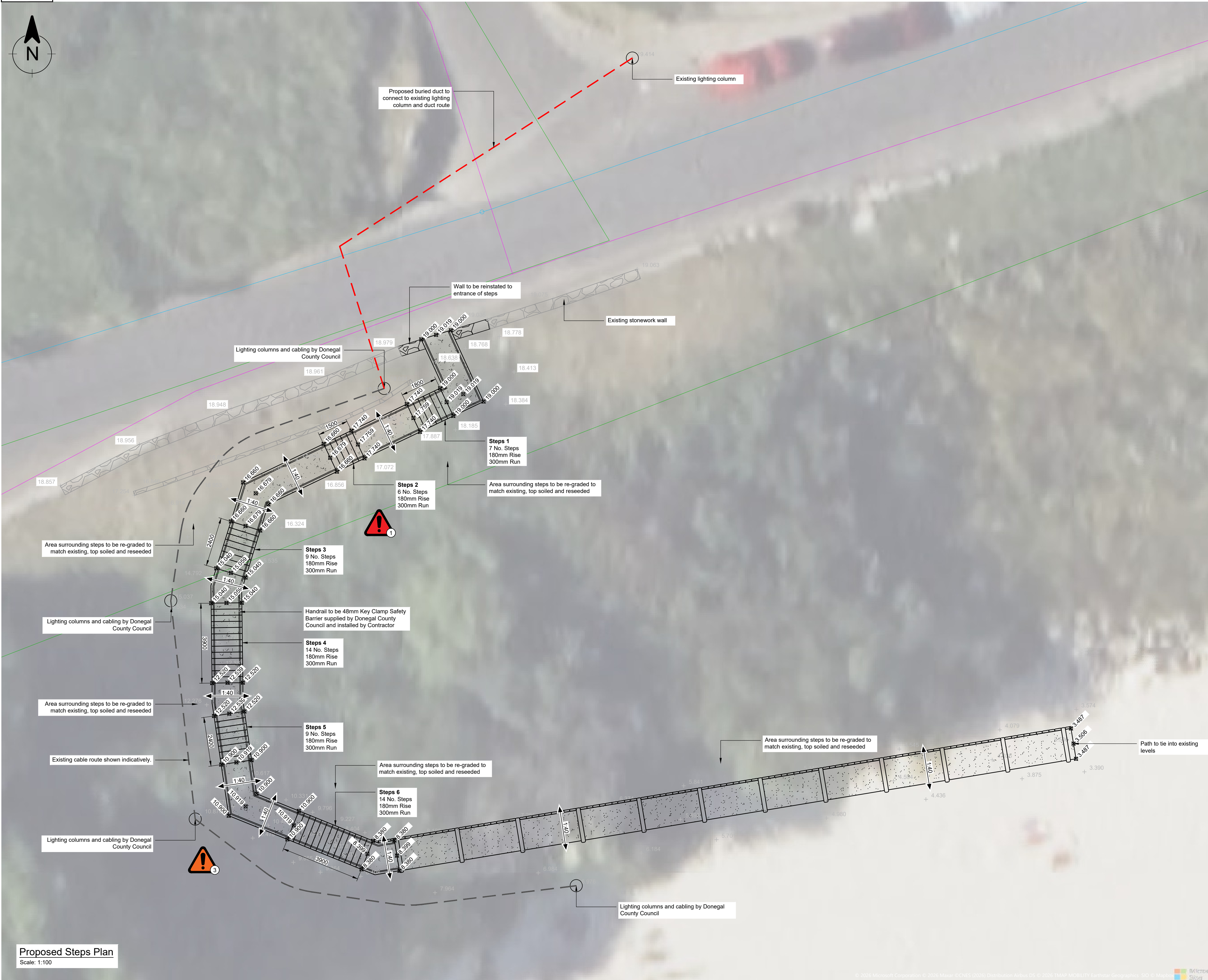
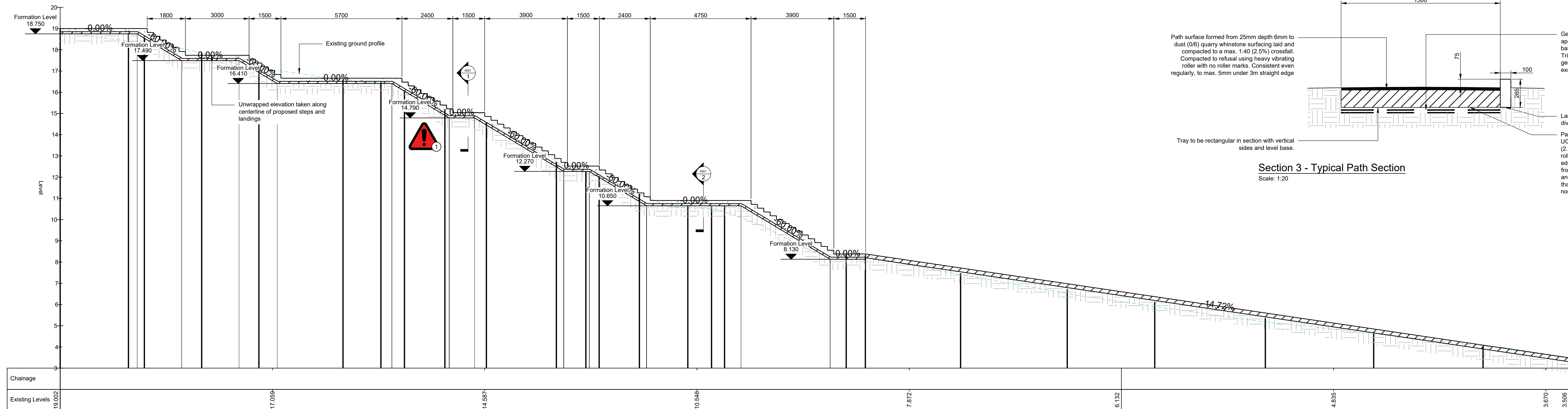




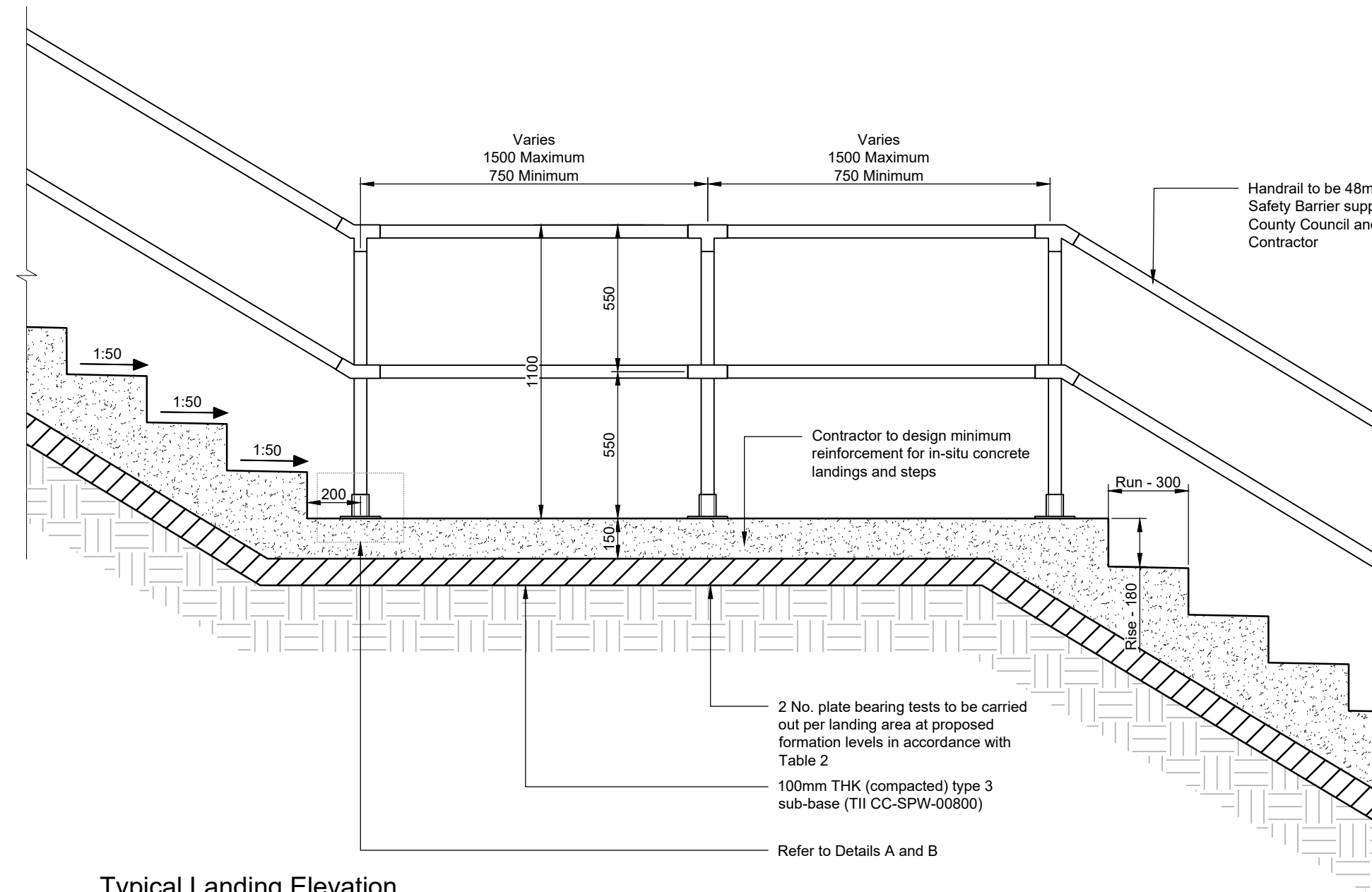
Proposed Steps Plan

Scale: 1:100



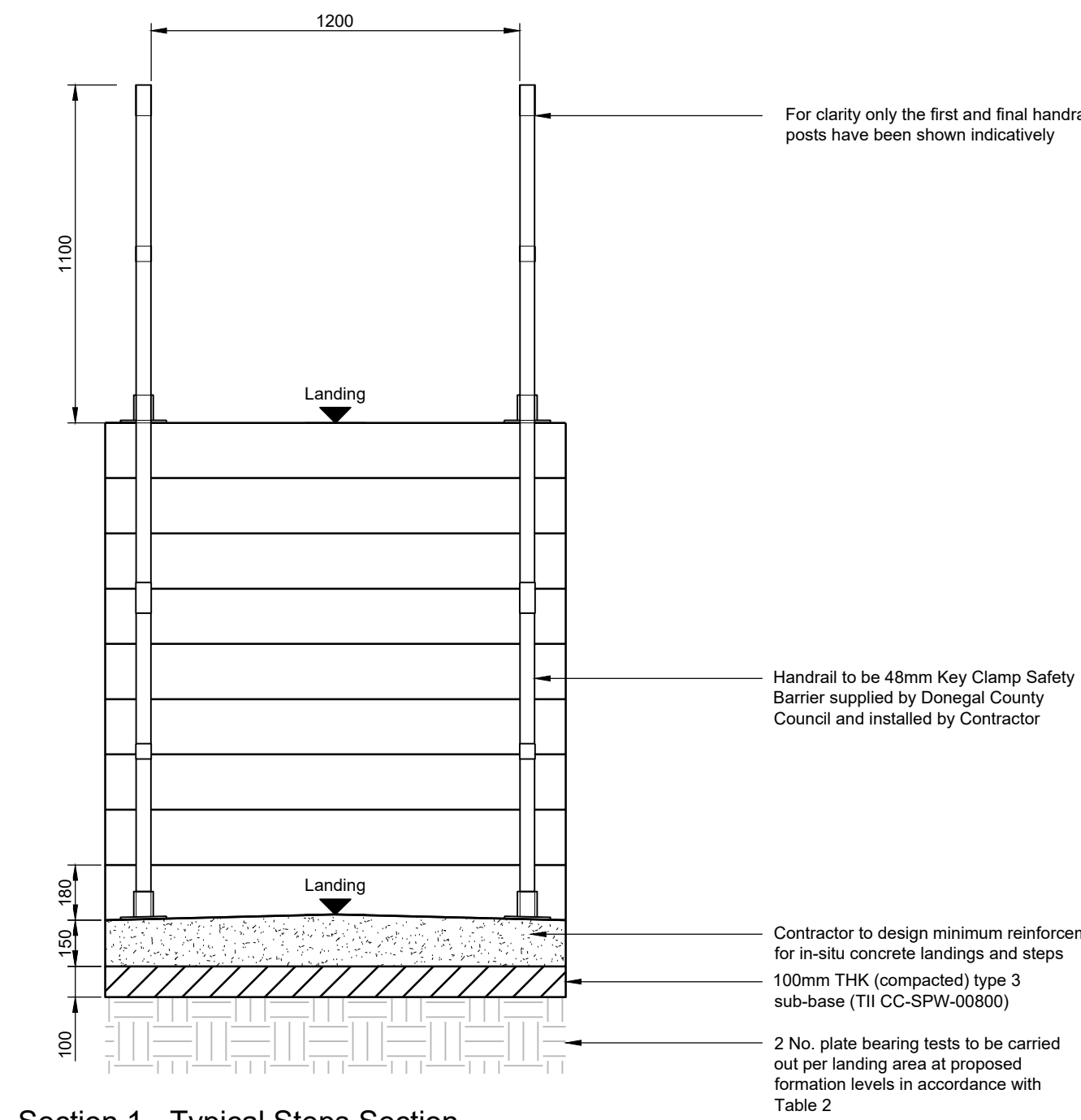
Proposed Steps Unwrapped Long Section

Scale: 1:100



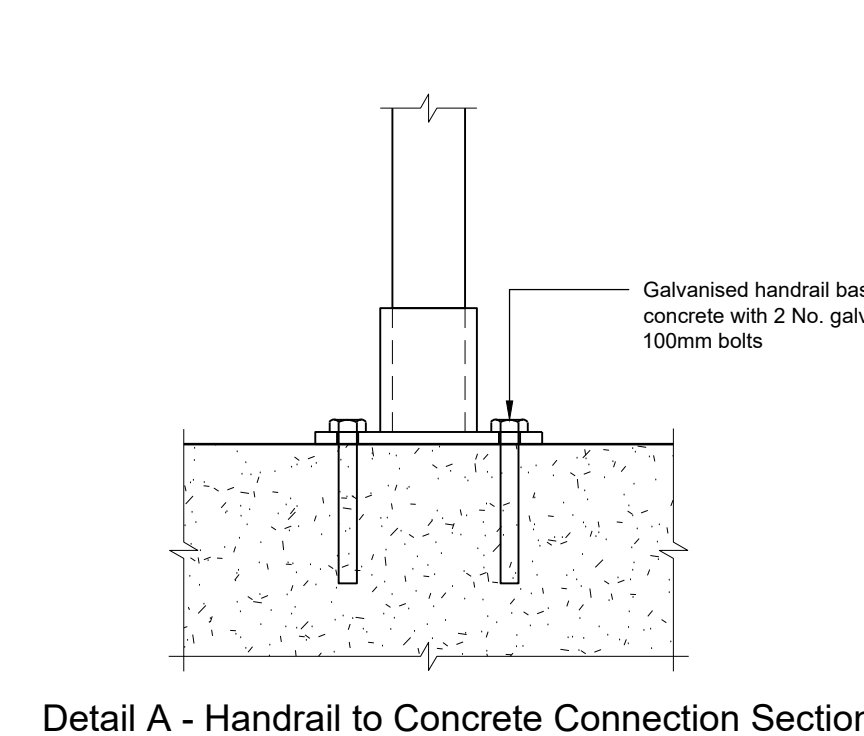
Typical Landing Elevation

Scale: 1:20



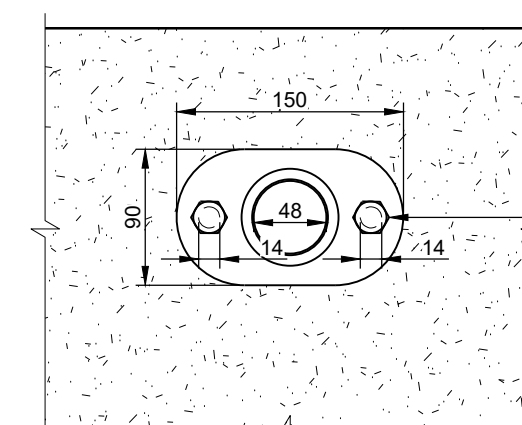
Section 1 - Typical Steps Section

Scale: 1:20



Detail A - Handrail to Concrete Connection Section

Scale: 1:5



Detail B - Handrail to Concrete Connection Plan

Scale: 1:5

General Notes

- Do not scale from this drawing, use figured dimensions only. All dimensions in millimeters, unless noted otherwise.
- Access to and temporary working areas within privately owned lands required for the permanent works shall be agreed between the Contractor, the Local Authority, the Employer's Representative and the Landowner prior to works being carried out.
- All coordinates are in meters and are to Irish Transverse Mercator.
- The Contractor should confirm all dimensions and levels are correct according to the survey carried out by Design ID in April 2026 using Trimble DA2, all discrepancies should be reported before works commence.
- All levels are in meters and are to Mean Head Datum.

Specific Notes and Specification

- This drawing should be read in conjunction with all other Engineer drawings and documents.
- For Existing Services information refer to DID Preliminary Safety and Health Plan Document Reference 26088-DID-CC-XA-HS-C-001.
- A maximum of 14 steps, with a rise of 180mm and run of 300mm, per flight in accordance with Paths for All - Outdoor Access Design Guide.

Concrete Notes

- All concrete works to be in accordance with all relevant specifications and Eurocodes.
- Form binding concrete to be placed below all foundations. Binding concrete to be Grade GEN1.
- Structural concrete to be:
 - Grade C40/50
 - Maximum Water Cement Ratio: 0.4
 - Minimum Cement Content: 360kg/m³
 - Aggregate Cement Type: IB-P (= 25% pozzolana), IB-Q (= 25% pozzolana), IB-V (= 25% fly ash) or IIA (= 48% ggbs)
 - Maximum Aggregate Size: 20mm (Freeze-Thaw Resisting)
 - Chloride Content Class: CL 0.30
 - Consistency Class: S3
- Concrete exposed to air and de-icing salts, concrete to be air-entrained.
- All concrete in contact with the ground to be Design Subclass Class DCC2 in accordance with BRE Special Digest 1 - Concrete in aggressive ground.
- Contractor to submit concrete mix details for review at least 1 week prior to the scheduled pour.
- Consistency Class to be in accordance with BS 8500-1, Table A18 and BS EN 206-1, Tables 3 - 6.
- Hardcore and concrete aggregate to be free from grits or other matter liable to cause damage to concrete, shall not be recycled and shall be resistant to freeze thaw action.
- Main Contractor must take concrete samples at the following rate in accordance with BS EN 206. Each sample shall consist of 4 No. cubes.

Table 1 - Concrete Samples	1 sample per	Maximum quantity of concrete at risk under any one decision
	10m ³ or 10 batches	40m ³
	20m ³ or 20 batches	80m ³
	50m ³ or 50 batches	200m ³

Testing

Minimum Kertledge Table 2 - Plate Bearing Test Specification

SLS Bearing Pressure (kN/m ²)	Factor of Safety	Test Pressure (kN/m ²)	Test Plate Ø (mm)	Minimum Kertledge (T)
11	2	22	450	3

Each test to be a Plate Bearing Test, to EC7 and BS 1377 Part 9, to demonstrate that the proposed locations can provide the minimum Bearing Capacity required with suitable settlement characteristics. A minimum 450mm plate diameter is required to simulate the area of imposed ground bearing and to prevent damage to the existing surface, such as rutting/deformation. Design ID are to be informed should this occur.

Reinforcement Notes

- All reinforcement to be Contractor Designed.
- All reinforcement bars shall be in accordance with BS 8866 with a minimum yield strength of 500N/mm².
- Nominal cover to reinforcement as below:
 - Minimum 40mm.
- All mesh reinforcement shall be in accordance with BS 4483 and all mesh to be flying ends.
- The contractor should estimate and provide the necessary quantity of mesh reinforcement (including laps on all sides) as indicated on Engineer's drawings.
- All reinforcement to be fixed securely in the correct position, and to the specified cover, using suitable spacers and chairs, all in accordance with the concrete specification.

Legend

	In-situ Concrete		Proposed Lamp Post Location
	Sub Base		Existing Eircom Assets
	Earth		Existing LV Overhead Lines
	Proposed Path		Existing MV Overhead Lines
	Existing Wall		Existing Water Network
	Proposed Wall		Existing Sewer Network
	Existing Level		Existing Cable Route
	Proposed Level		Proposed Duct Route

Design & Construction Risks

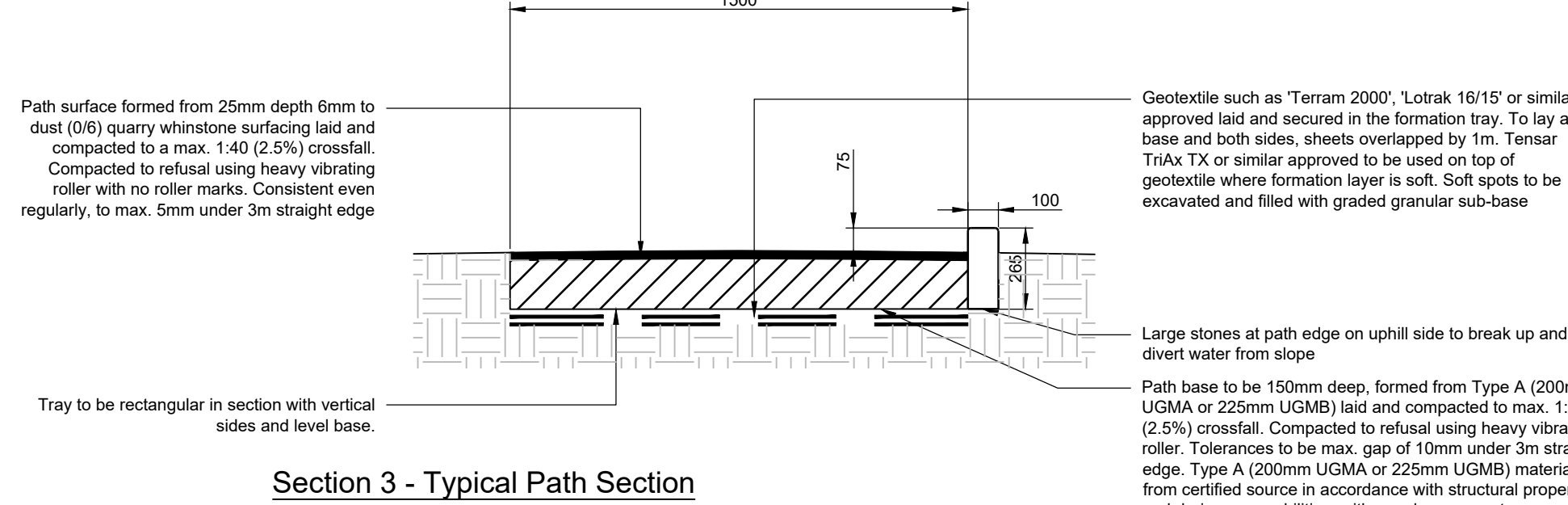
- The proposed geometry has been proposed on the basis on the dimensions taken from Topographical Survey information undertaken by Design ID in April 2026.
- All temporary works to facilitate the proposed works are the responsibility of the PSIGS. This would include but is not limited to formwork, working platforms, etc.
- The Contractor is responsible for ensuring that all existing sites are adequate to support the proposed lighting columns.

Health and Safety Risks

- The appointed Contractor is responsible for carrying out any necessary surveys prior to the commencement of works to identify the nature and location of any existing services. Services to be protected during the works. It is the responsibility of the Contractor to liaise with service providers and Donegal County Council in the event that service diversion is required.

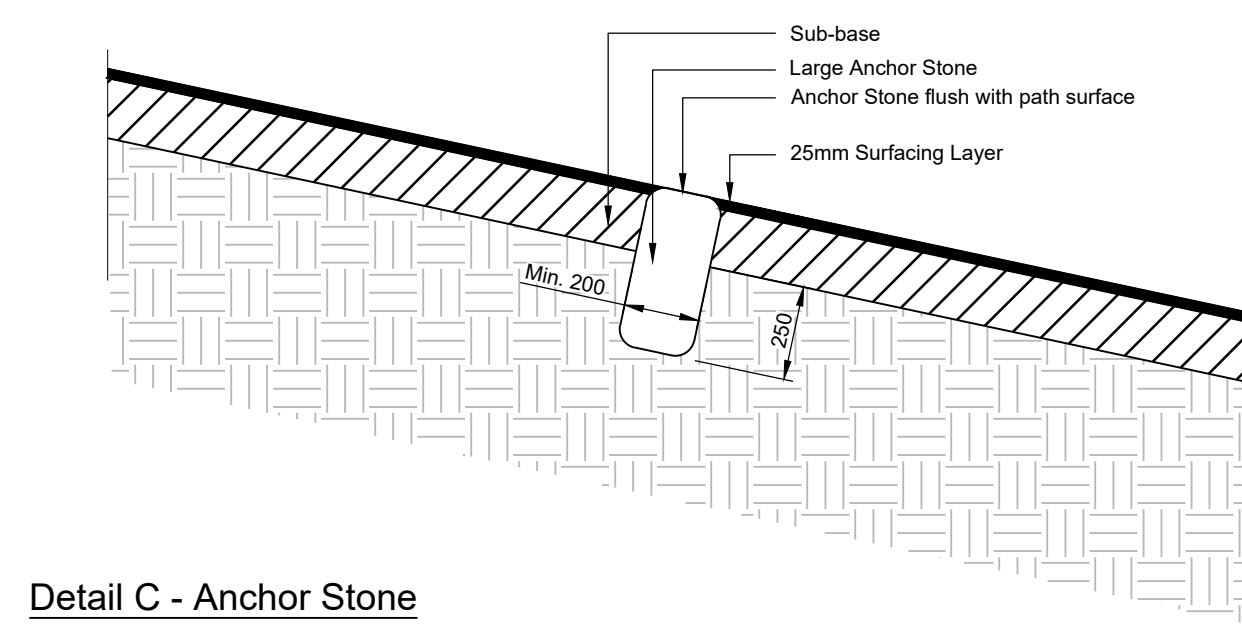
Environmental Risks

- The site is located in the Sheephaven Special Area of Conservation (SAC) due to the presence of local mudflats and sandflats.



Section 3 - Typical Path Section

Scale: 1:20



Detail C - Anchor Stone

Scale: 1:20

Rev	Date	Drawn By	Appr. By	Description
P03	12.06.2026	CC	KT	Updated for Donegal County Council Comments
P02	12.06.2026	CC	KT	Second Issue
P01	06.05.2026	CC	KT	First Issue

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