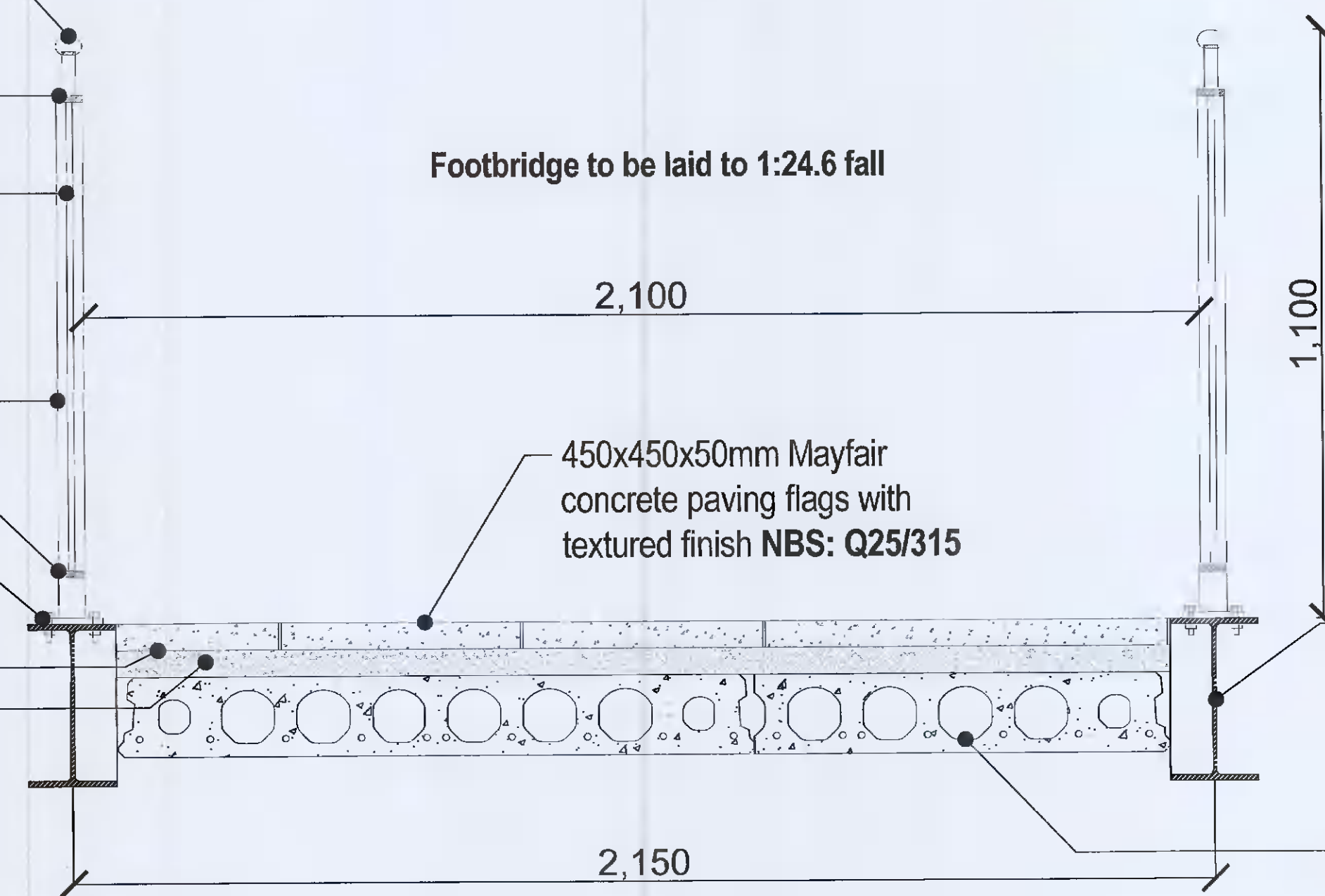


**FOOTBRIDGE BALUSTRADING DETAIL  
SCALE 1:10**

- PPC galvanised 50mm dia. handrail with flat bar bottom welded to balustrading. **NBS: L30/570**
- PPC 50x12mm horizontal member
- PPC 12x12mm railings at 100mm max. centres
- Balustrading design as per NBS: L30/550 and PPC RAL 9005**
- PPC 50x50mm SHS steel posts
- PPC 50x12mm horizontal member
- Handrail to be welded and bolted to structural steel bridge members
- Wet mortar bed
- 50mm screed

**FOOTBRIDGE SECTION B-B  
SCALE 1:10**

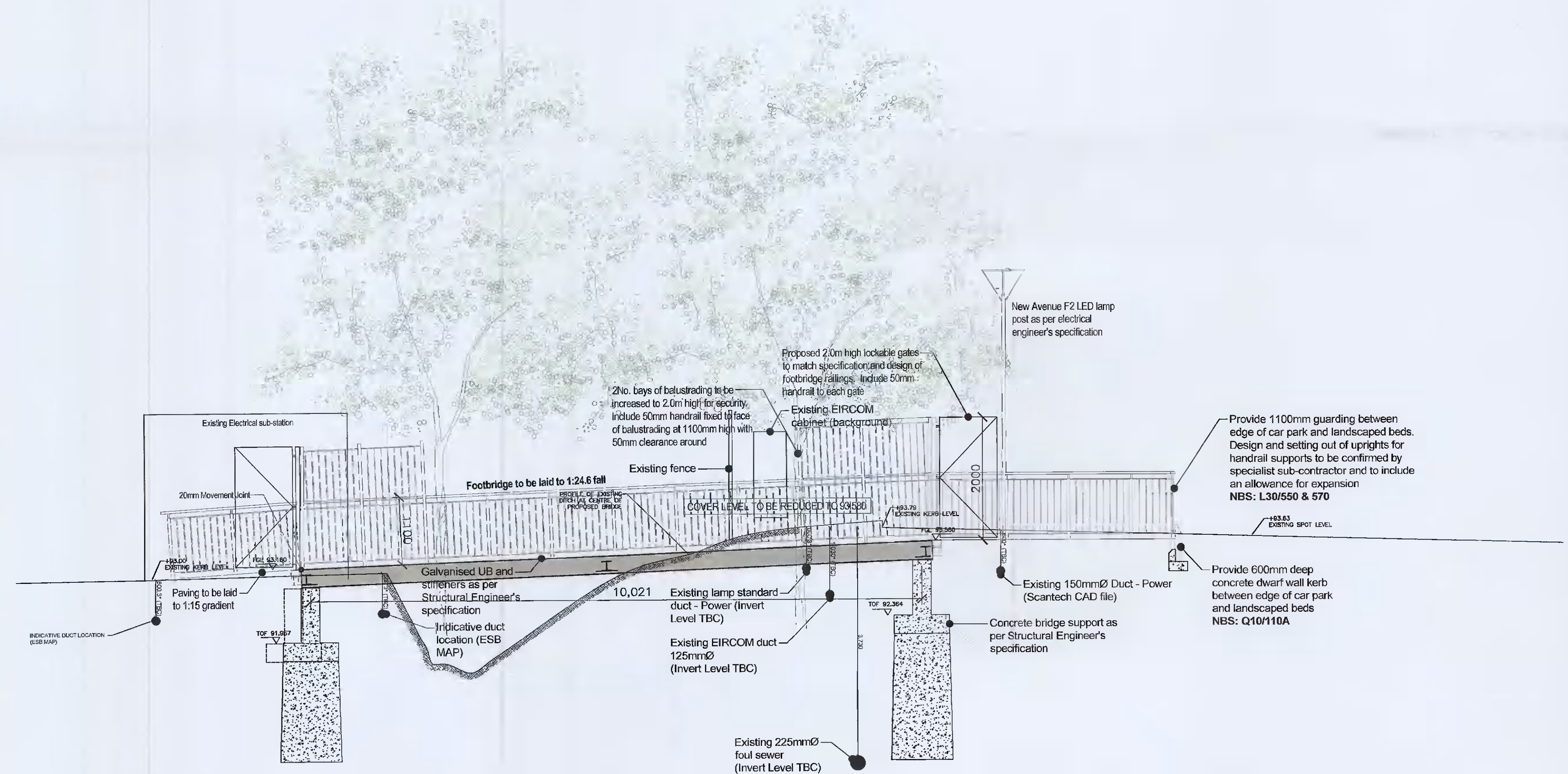


**PEDESTRIAN FOOTBRIDGE & GATES**

Fabricate, supply and install new pedestrian footbridge and gate to design indicated. Gates, railings and posts to be manufactured in mild steel, with full length butt and fillet welds at all joints. All welds to be ground smooth prior to galvanising and polyester powder coated, black - RAL9005.

- \*All dimensions to be clarified by site measurement prior to manufacture. Contractor to measure and mark out foundations to ensure an accurate abutment of steel bridge.
- \*Gaps between vertical bars no to be greater than 99mm.
- \*Fabrication drawing to be provided for comment prior to manufacture.

- Galvanised UB and stiffeners as per Structural Engineer's specification
- Precast concrete slabs supported by steelwork as per Structural Engineer's specification



**FOOTBRIDGE SECTION A-A 1:50**

1. Do not scale
2. Contractor to check all dimensions and report omissions and errors to the Architect
3. Hamilton Architects LLP accepts no liability for use of this drawing by parties other than the party for whom it was prepared or for purposes other than those for which it was prepared.
4. If this drawing is issued in digital format as an uncontrolled version to enable the recipient to prepare their own documents using the drawing, the recipient is solely responsible. This drawing is based on project information current at the time of issue. Hamilton Architects LLP accepts no liability for any alterations or additions to or discrepancies arising out of any change to such project information that occurs after it is issued by Hamilton Architects LLP.
5. This drawing does not contain shared coordinates and is not issued for coordination purposes.

TECHNOLOGICAL UNIVERSITY, DUBLIN AIRTON CLOSE				
FOOTBRIDGE PROPOSED SECTION, ELEVATION				
PLANNING	1:50 & 1:10@A1	10/02/2020		
Project No.	Originator	Zone	Level	Type
18132 HAM XX 00	DR	A	00006	P2

P2	Additional 2m high gates & railings at Airton Close added.	29.11.21	MG	MP
P1	Elevation updated to show 2m high railings adjacent gate.	28.04.20	MG	MP

