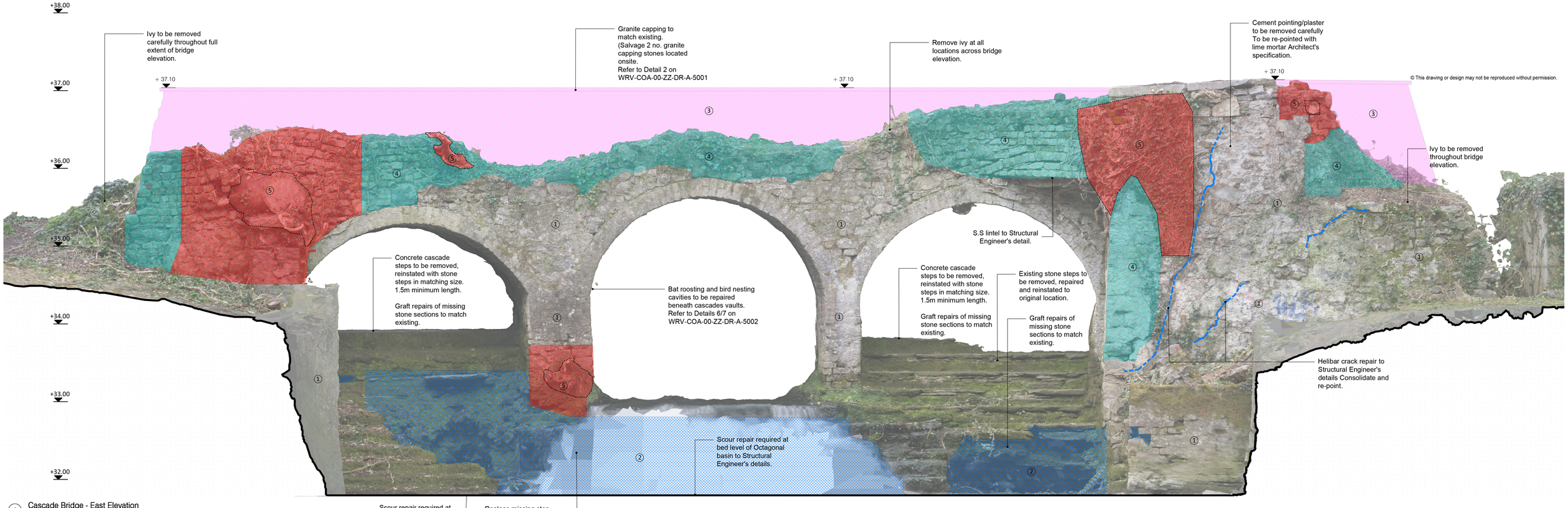

1 Cascade Bridge - East Elevation
Scale: 1:25

© This drawing or design may not be reproduced without permission.

Scale 1:25

0 10m

Legend

1. **General - Re-pointing (Applies to all surfaces except where noted otherwise).**
- Strip all existing lime harling and sand / cement render. Stripping to be carried out by conservation stone mason.
- Fit pinnings.
- Repair all structural cracks to engineer's specification.
- Remove all loose brick / stone and rebuild with salvaged material from river bed which appears to be displaced from structure.
- Joints to be raked out and repointed. See spec. XXX
- Any stone/brick removed from arch structure, with moss growth attached, to be placed in same the orientation, in order to avoid biodiversity distruption on site.
- Fill all cavities with liquid grout, before reconstruction of wall. All for 3 litres per 1m2 of reconstruction.

2. **Construct New Wall**
- Construct new stone wall to Architect's specification

3. **Construct New Wall & Haunching/Capping Detail**
- New stone walling to specification. Repace missing stone and masonry.
- Stone from Feltrim Quarry, Swords to be used in all repair works.
- New capping details to be constructed at wall top to Architect's specification and detail.

4. **Consolidation of Wall**
- Remove loose stone and reinstate with lime mortar. General re-pointing as per Item 1.

5. **Removal of trees and reconstruction of surrounding wall**
- Remove trees from wall including all roots.
- Wall surrounding trees or tree roots to be taken down with each stone numbered, photographed and reconstructed in accordance with note 2.
- Extent of visible tree roots indicated within dotted line and red hatch.
- Fill all cavities with liquid grout during reconstruction of wall. Allow for 3 litres per 1m2 of reconstruction.

Helibar crack repair to Structural Engineer's detail