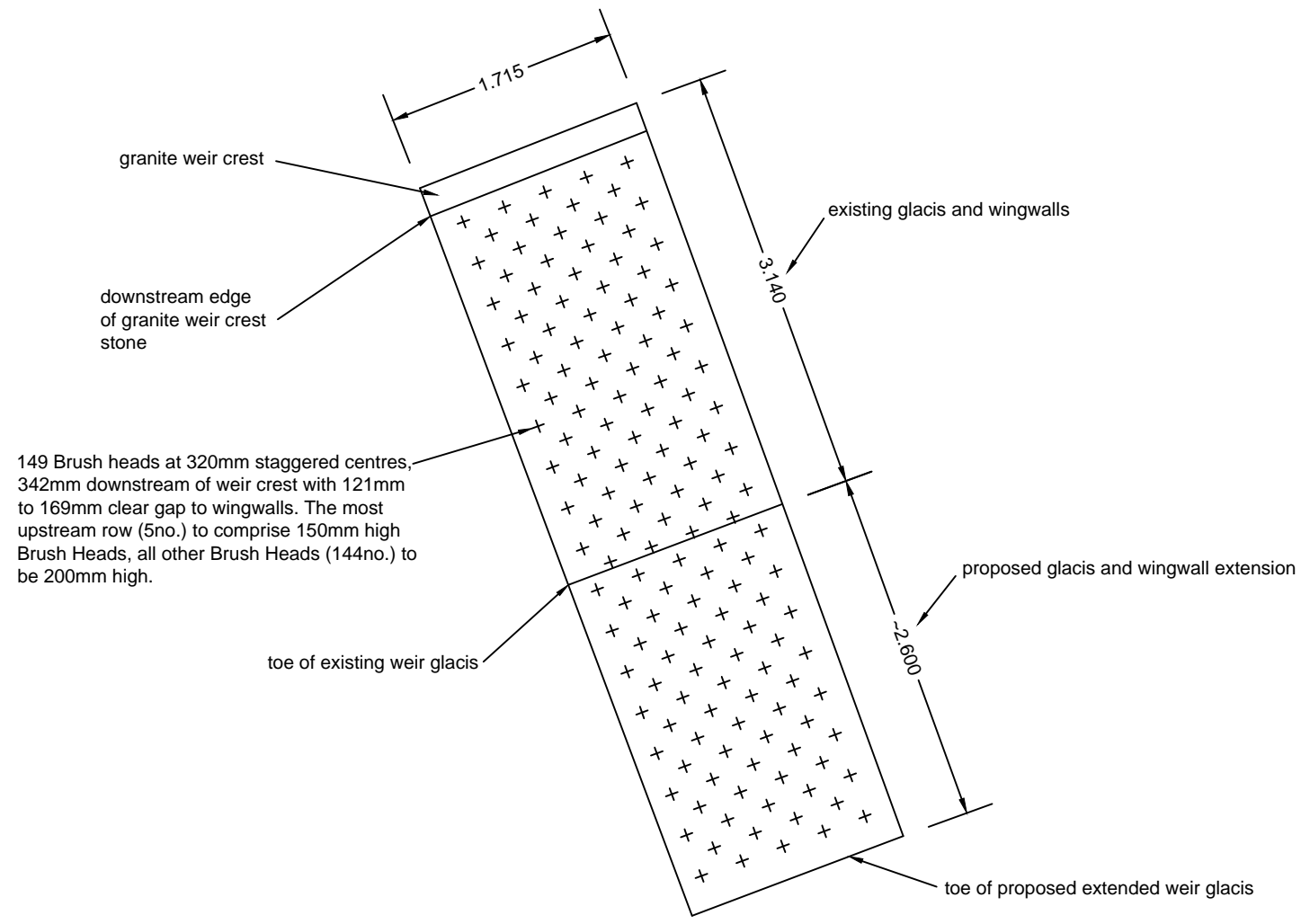


SECTION A-A: LONG SECTION THROUGH WEIR 1.50



PLAN OF CENTRAL SECTION OF WEIR SHOWING BRUSH HEAD ARRANGEMENT 1.50

NOTES
Notes continued from Proposed Layout drawing.

Prior to construction, the appointed Contractor is to provide full structural details of their preferred option of constructing the glacis extension and also the reconstruction of the pre-barrage section.

Once the glacis extension is complete, fix new Fish Brush fish passage system. All metalwork and fixings to be formed from stainless steel as detailed below.

Prior to fixing of any items the existing weir face is to be assessed for structural integrity. If all appears sound, pilot test holes are to be drilled (in the location where Brush Heads are required) in a zig-zag of locations across the weir face to get a good coverage. At this stage, the contractor's engineer, WRT contract manager and EA Officers will take a view on the suitability or otherwise of the proposed fixing method. Should there be concerns, alternative options will be considered. All setting out is to be agreed with the contract administrator prior to drilling.

Brush Head fixing to existing glacis to comprise - 8mm dia. s.s threaded bar penetrating 65mm into concrete structure secured with Hilti HIT-RE 500 V3 two part epoxy resin or similar agreed. Brush Heads secured to threaded bar with M10 Form A Flat Washer (DIN125) Nylon and proprietary s.s. nylon lock nuts to suit application.

Rev. A / DC / 02.03.2020 / Q levels added and extended wingwall heights reduced to 800mm.



River Fowey
Gauging Station Weirs

Proposed Fish Passage
Improvements
Craigshill Wood GS

Craigshill Wood GS - 05 rev. A
Section & Details
February 2020

1:50 @ A3 approx.