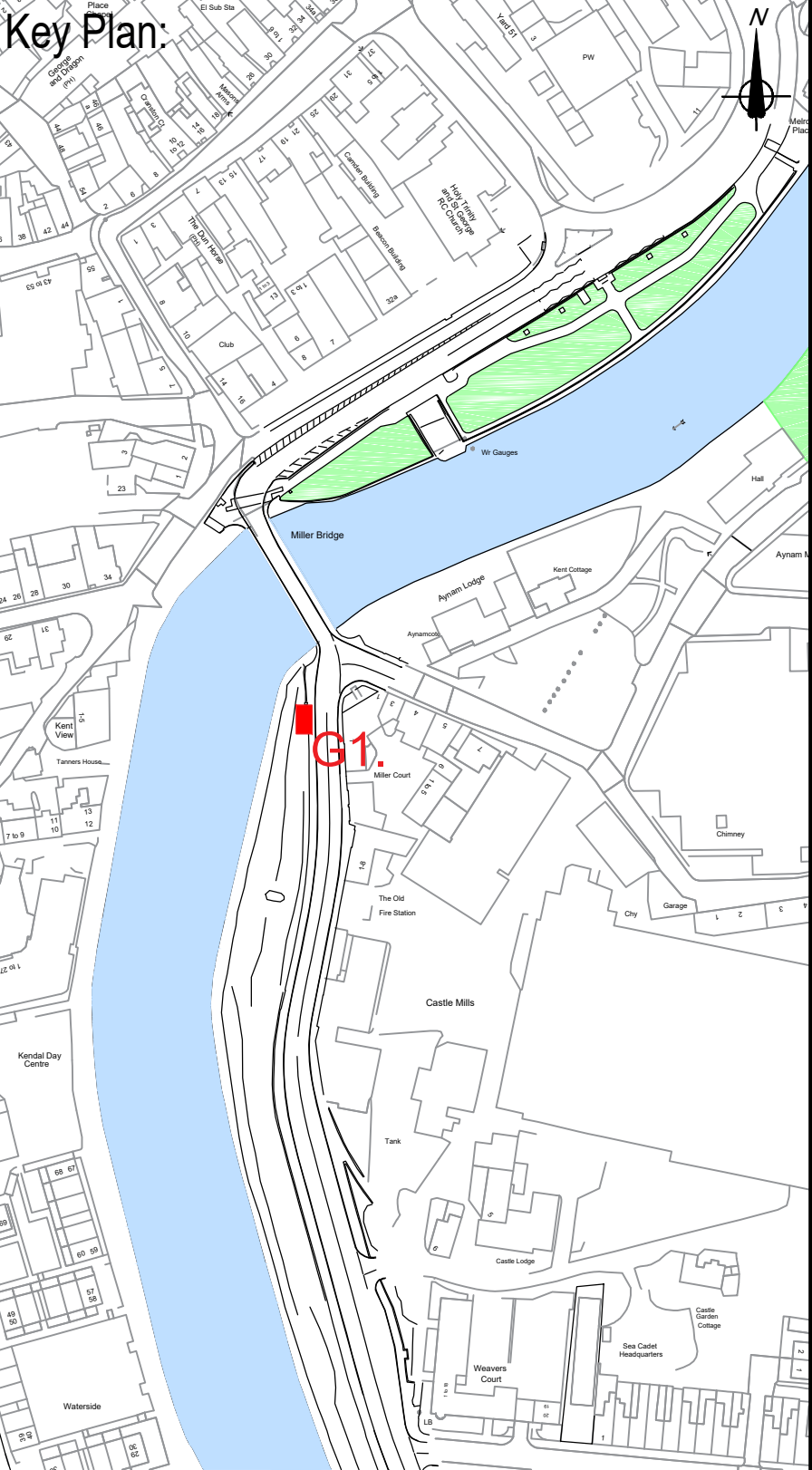
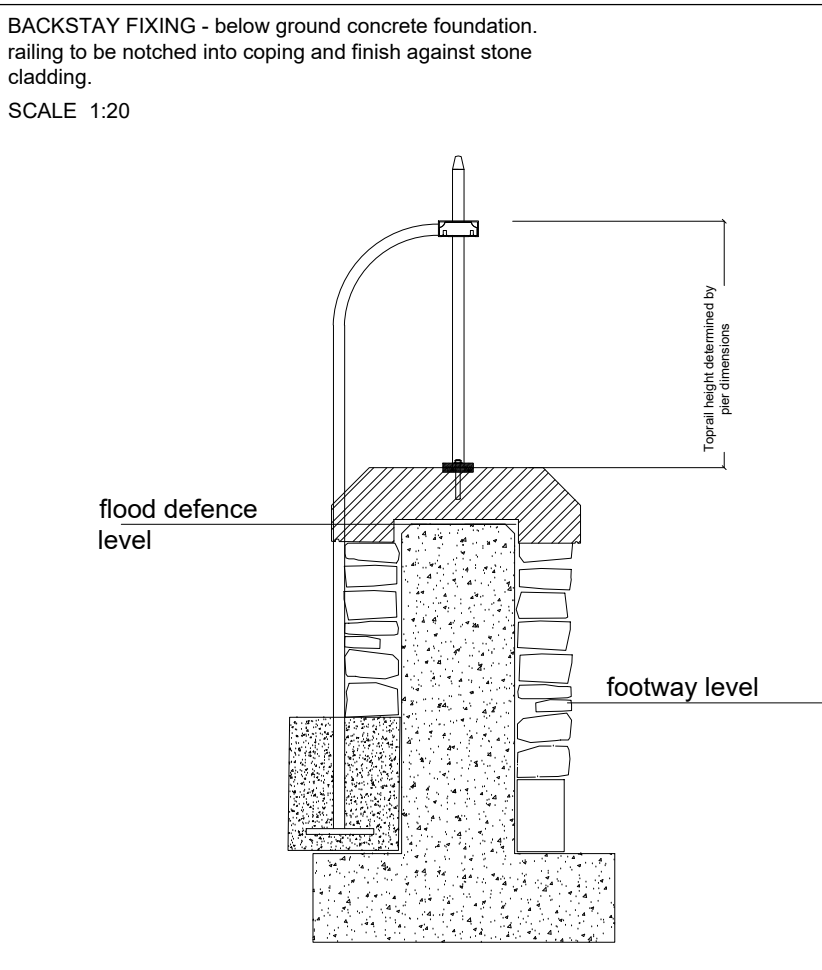
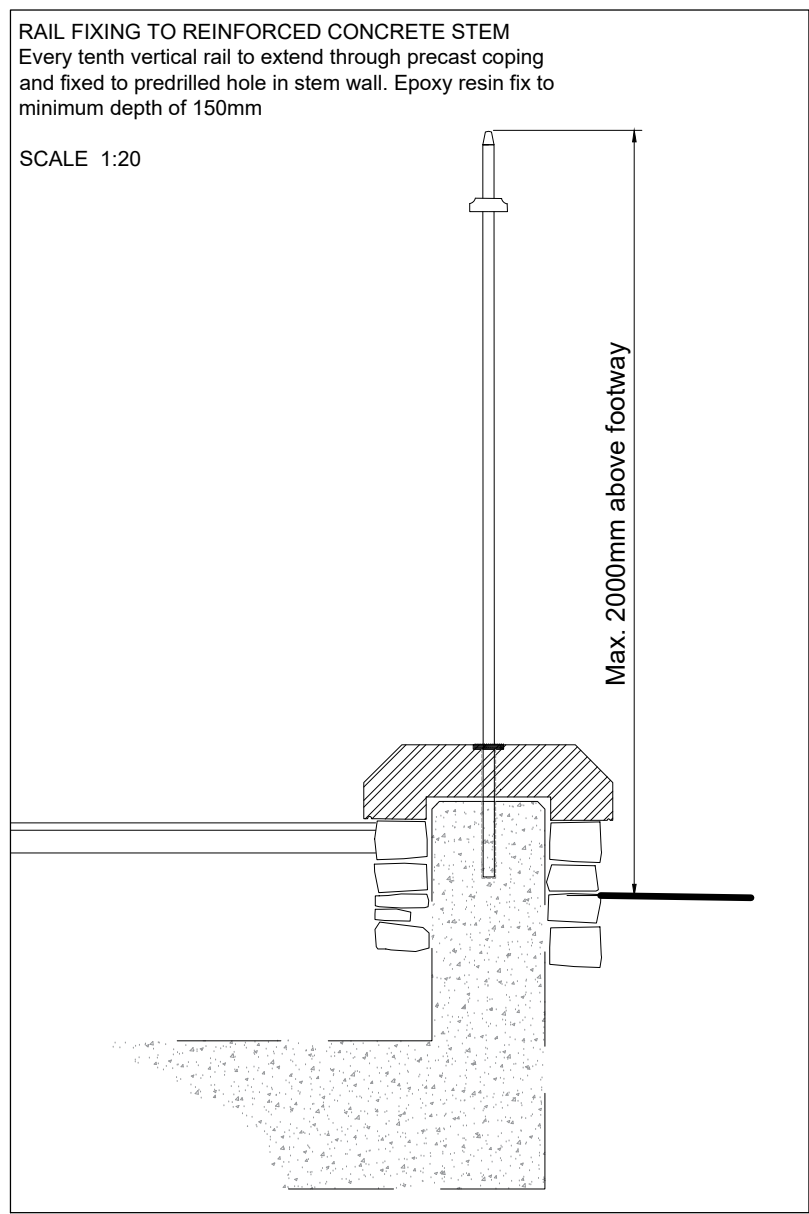
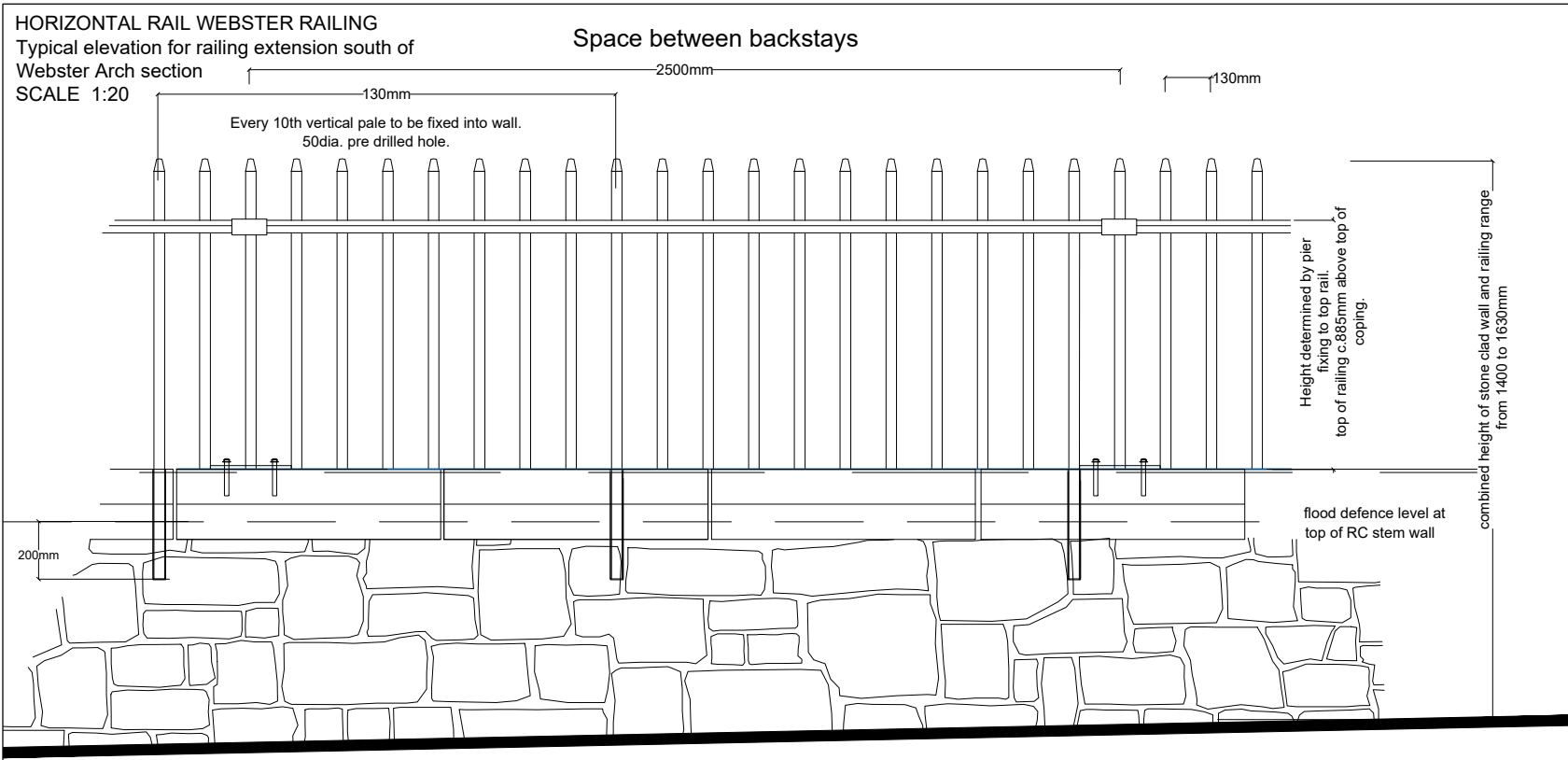


WEBSTER ARCH AND RAILINGS

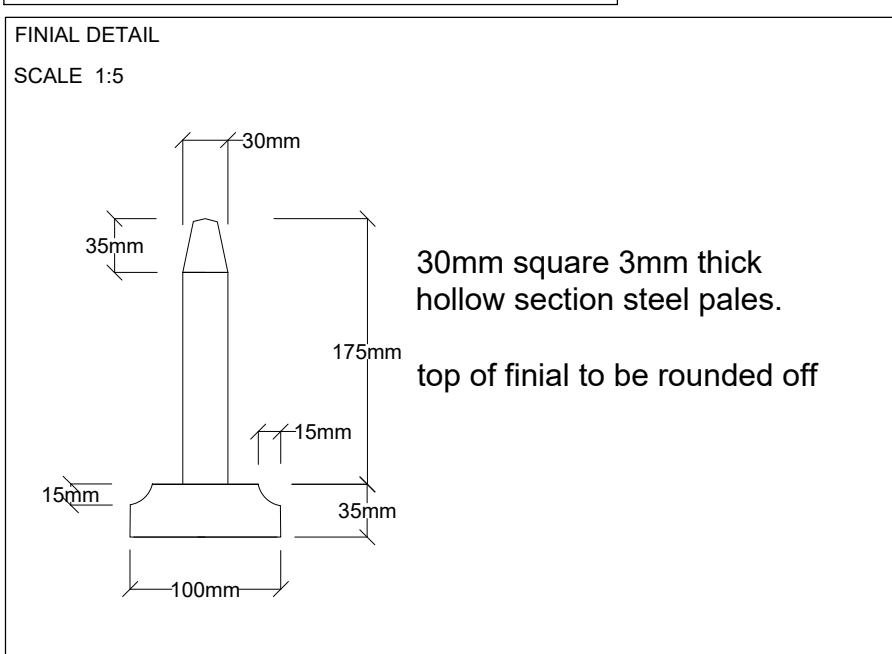
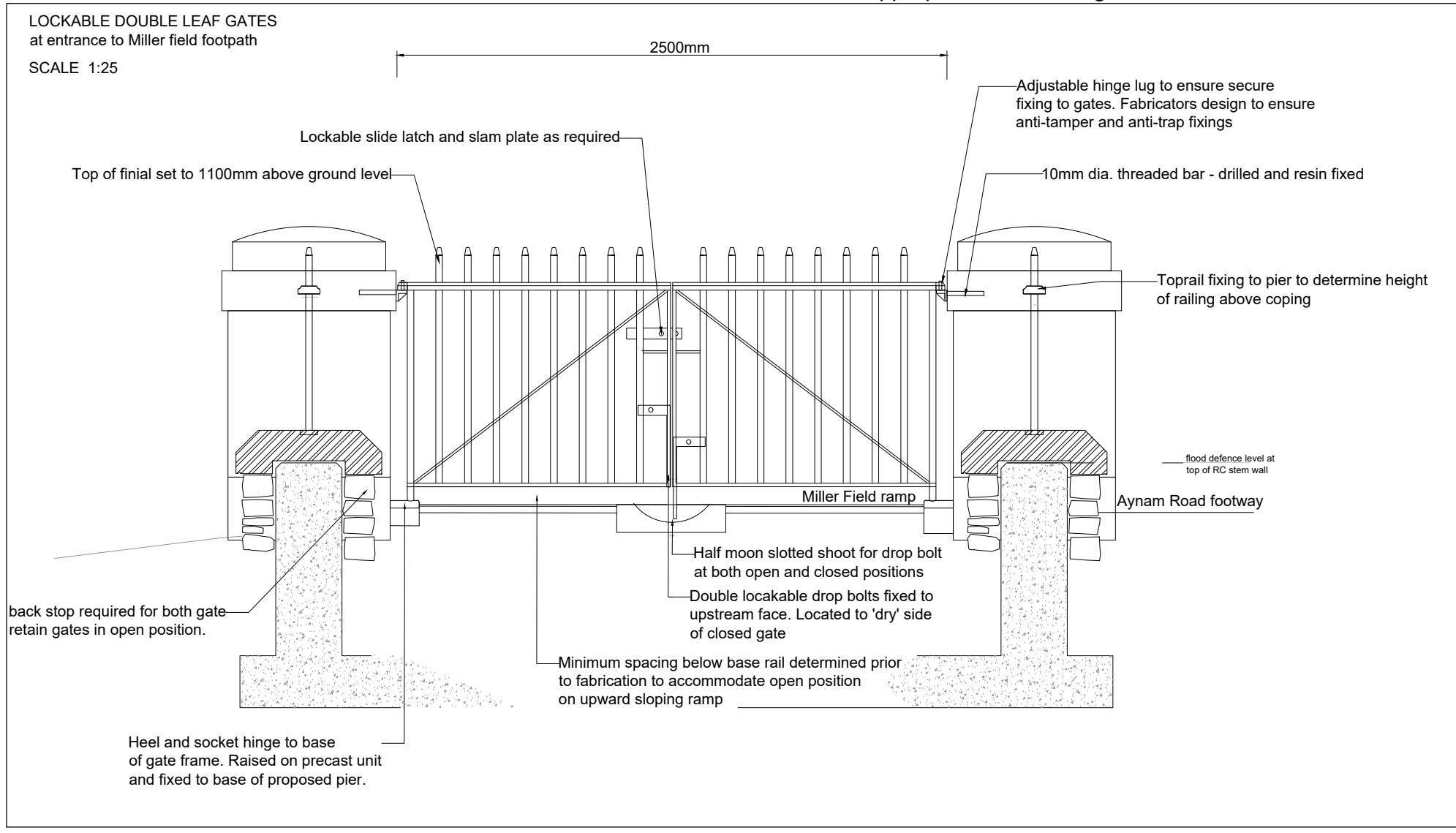
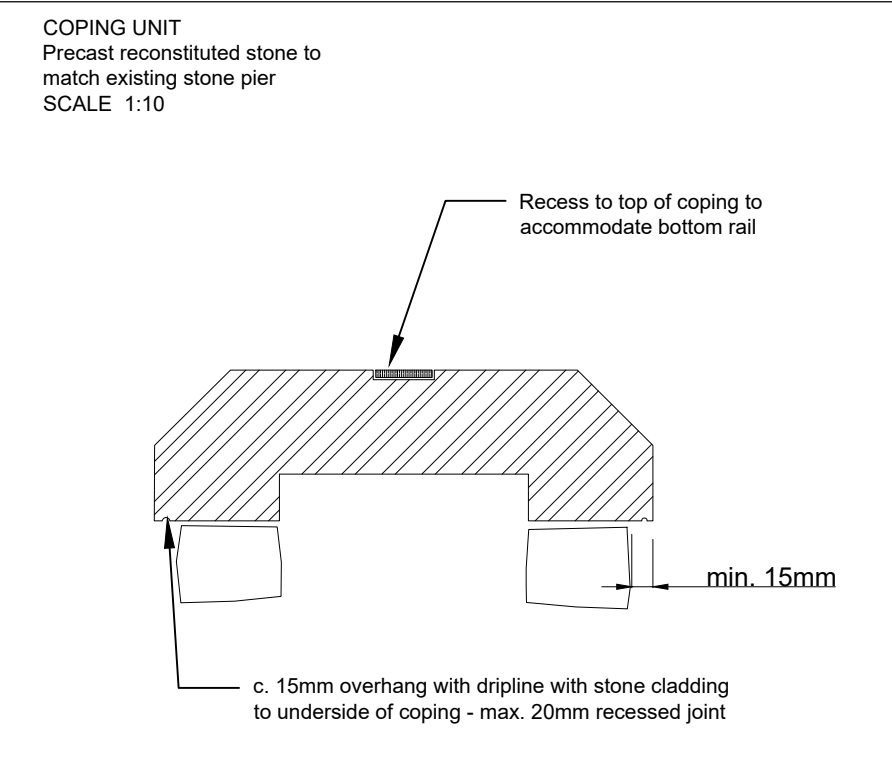
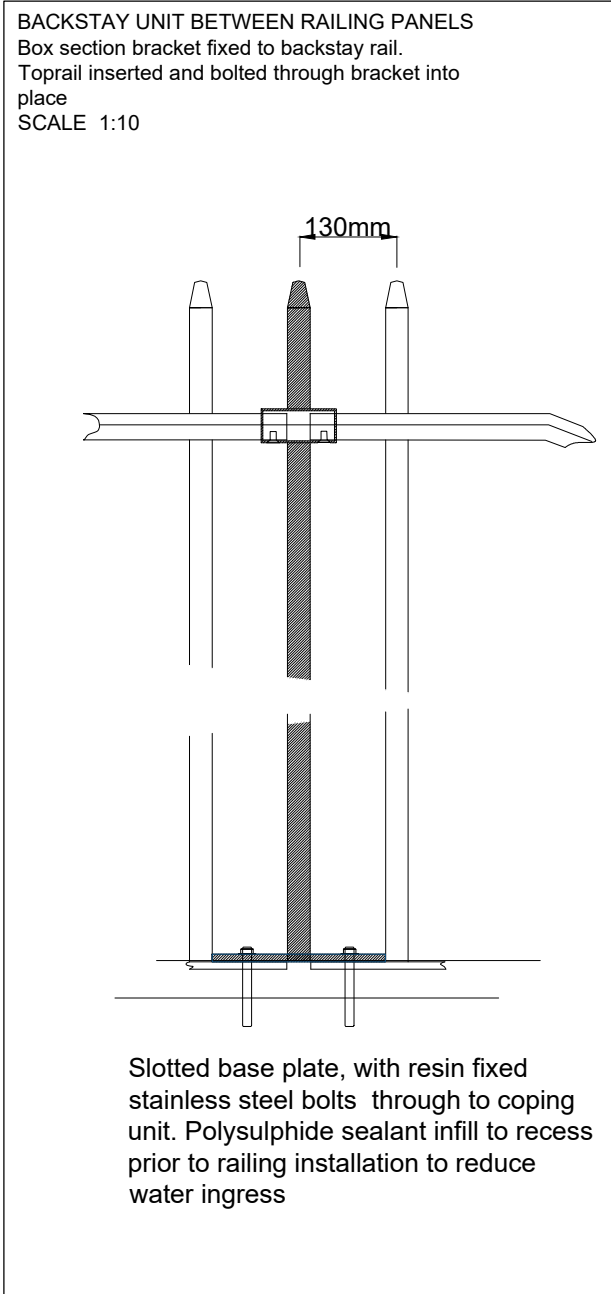
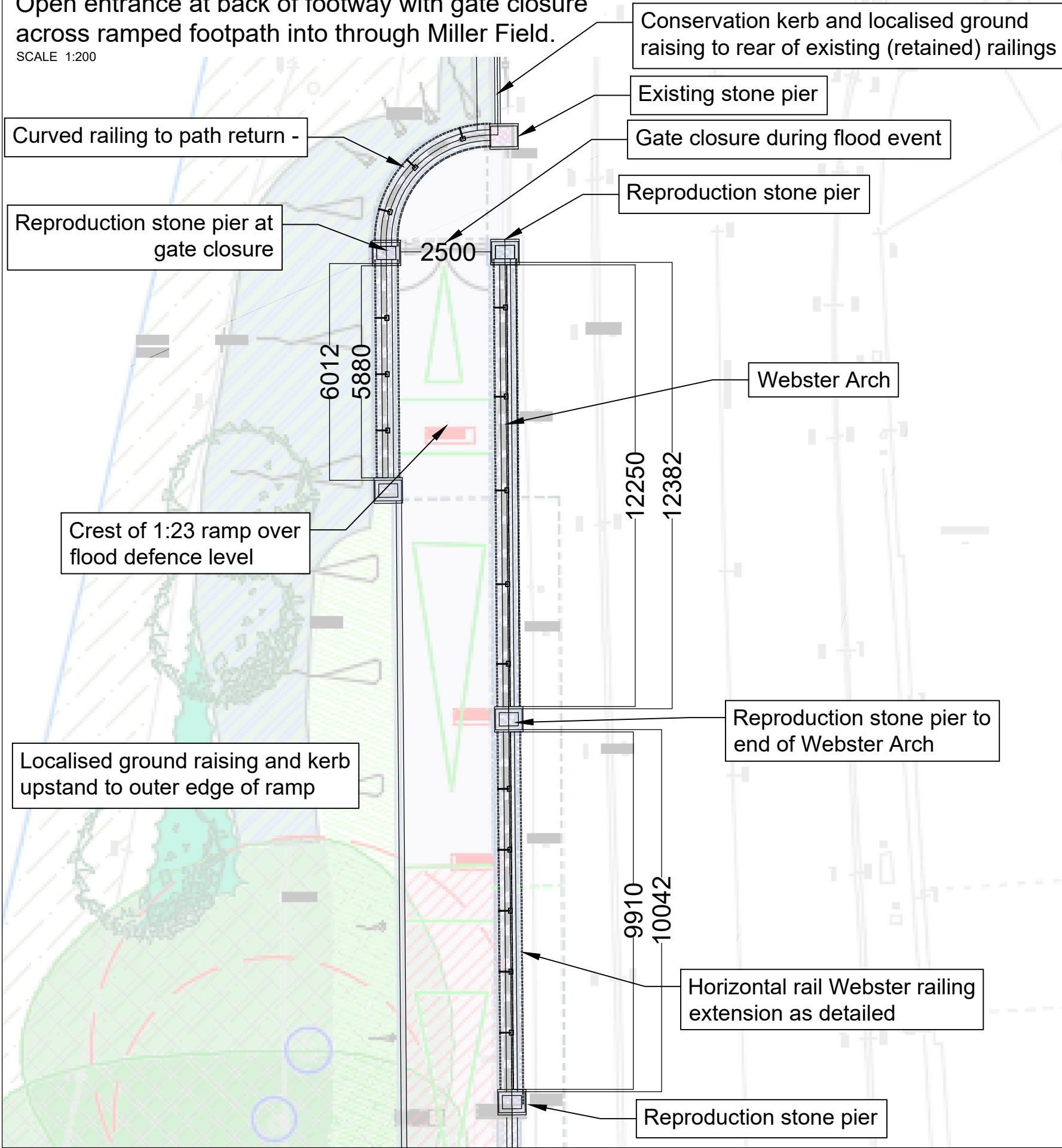
- PALES
- 30mm x 3mm SHS (square section) bar at 130mm centres (100mm clear between pales). Each pale to be fully welded top and bottom. Recessed plate fixing to base of railings. Each panel c.2500mm long. Every 10th pale (c.1300mm) to be extended by 250mm
- POSTS
- 30mm x 3mm SHS (square section) posts at every 10th rail (c.1300mm) extended 250mm and resin fixed into pre-drilled holes in RCstem wall.
- BACKSTAY<sub>(top1)</sub>
- 30mm SHS curved pale with box section bracket. Top rail inserted and fixed in place. Backstay to extend to ground level and set within minimum 300x300x300mm depth concrete foundation. 250x10mm thick steel plate fixed to base.
- BACKSTAY<sub>(top2)</sub>
- 30mm SHS curved pale with box section bracket. Top rail inserted and fixed in place. Backstay to extend to ground level and set within minimum 300x300x300mm depth concrete foundation. 250x10mm thick steel plate fixed to base
- BASE RAIL
- 75mm wide x 10mm thick solid rectangular bar to be recessed into precast slot in top of RC stem wall. Vertical pales to be fully welded to rail.
- TOP RAIL
- 100mm wide x 35mm deep shaped top rail. Reverse 15mm chamfer to top corners
- FIXING
- All exposed bolt fixings to be anti tamper stainless steel M8 bolts
- ROOT FIXING
- Railings to be rootfixed to site drilled 55mm dia. holes. Depth to be 250mm deep.
  - epoxy resin grout to be injected into hole prior to installing pale to ensure mortar to full depth, then injected again once post is inserted.
- FINISH
- All cut edges to be clean and smooth, All sharp edges and welds to be fettled prior to galvanising.
  - All joints between uprights and rails to be fully welded on top, spot welds unacceptable.
  - Galvanised to BS EN ISO 1461 (2009) with a black powder coated finish (subject to fixing method) to RAL9005.



FOOTPATH ACCESS TO AYNAM ROAD

Open entrance at back of footway with gate closure across ramped footpath into through Miller Field.

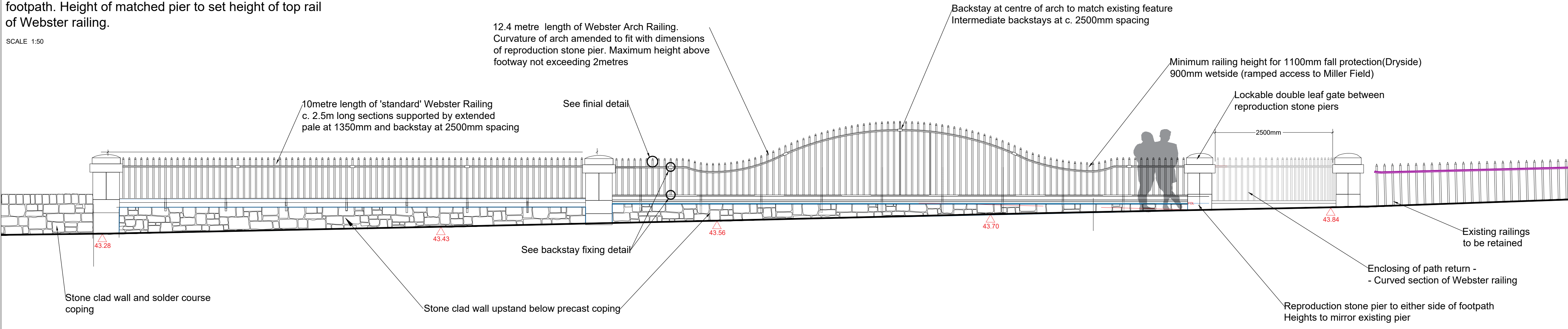
SCALE 1:200



AYNAM ROAD NORTH

Webster Arch and Railing. Existing stone pier to be retained and replicated to form entrance to Miller Field footpath. Height of matched pier to set height of top rail of Webster railing.

SCALE 1:50



Notes:

- All levels are shown in meters Above Ordnance Datum (Newlyn) unless stated otherwise.
- All dimensions are in millimetres unless stated otherwise.
- Where appropriate the dimensions have been informed by the existing railings.
- All mild steel railings to be manufactured in accordance with BS1722 part 9:2006
- All hot dipped galvanising to be undertaken in accordance with BSEN ISO1461:2001.
- A full site survey and production of shop drawings should be provided for approval prior to manufacture.
- Final determination on extent of railing subject to site specific PSRA review . Considerations to include locations and potential fall heights.

Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	25/08/21	EA review and comment	GR	NG	AR	KBT



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Client

Project

KENDAL FLOOD RISK MANAGEMENT SCHEME 1

Drawing title

Aynam Road Planning Submission

Reach G (G1)

Webster Railing detail

Drawing status

S3

Scale

As indicated

Jacobs No.

B228P023

Client no.

ENV0000489C

DO NOT SCALE

Rev

P01

Drawing number

ENV0000489C-JAC-ZZ-4AG-DR-PL-1420

Environment  
Agency

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