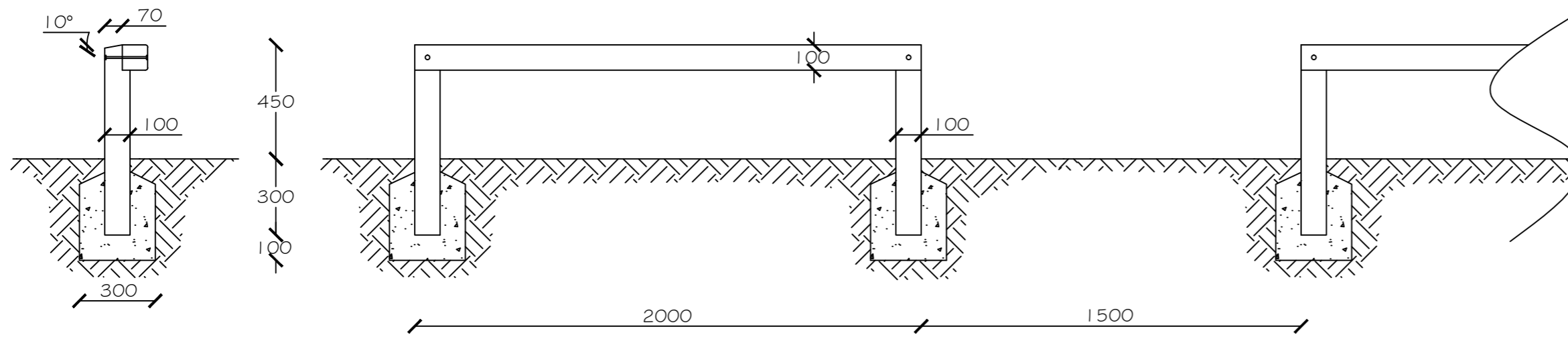


**TIMBER BARRIERS**  
Scale 1:20



Timber posts to be 750 x 100 x 100 mm once weathered to approx 10°, set in 300 x 300 x 300 mm C20P concrete, and with 100 x 30 mm cutout for rails.

Rails to be 2000 x 100 x 100 mm timber with rounded edges to front, lap jointed at slight angle into post, and bolted through with coach bolts and square nuts, cut flush in the back with no catching edges.

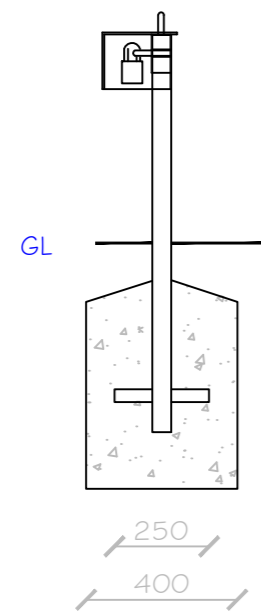
All timber to be pressure impregnated with preservative and to be fine sawn to smooth surface. Sample of sawn timber finish to be provided.

Barriers to be set with 1500 mm gaps. At ends of straight runs barriers to be installed with no more than 1750mm gap.

All timber to be F5C or similarly certified. Copy of certification to be provided.

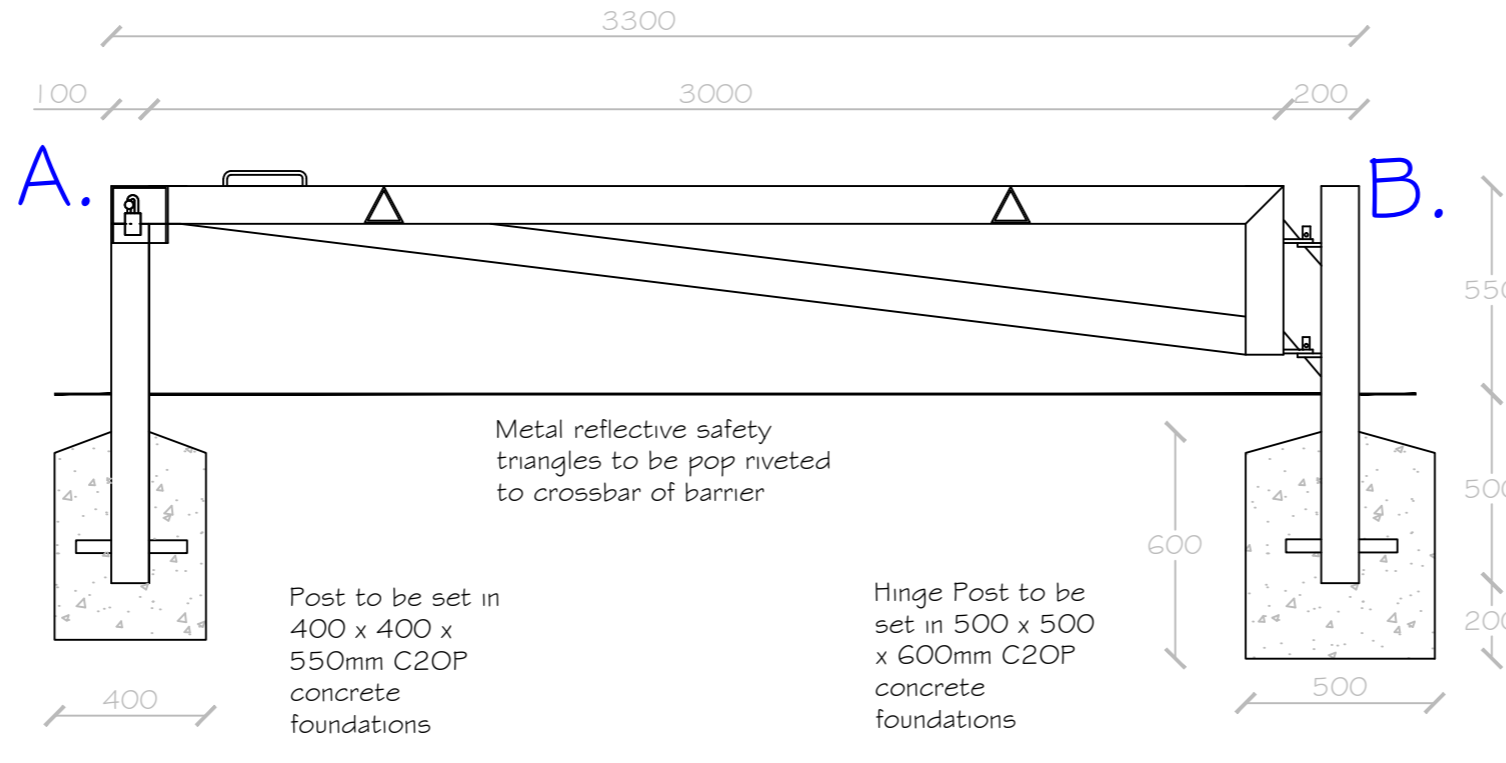
**LOCKABLE VEHICLE GATE**  
Scale 1:20

SIDE ELEVATION  
Scale 1:20



All posts to be fitted with a 250 x 50 mm diam steel rod passed through the posts and welded on to act as an anchor brace.

FRONT ELEVATION  
Scale 1:20



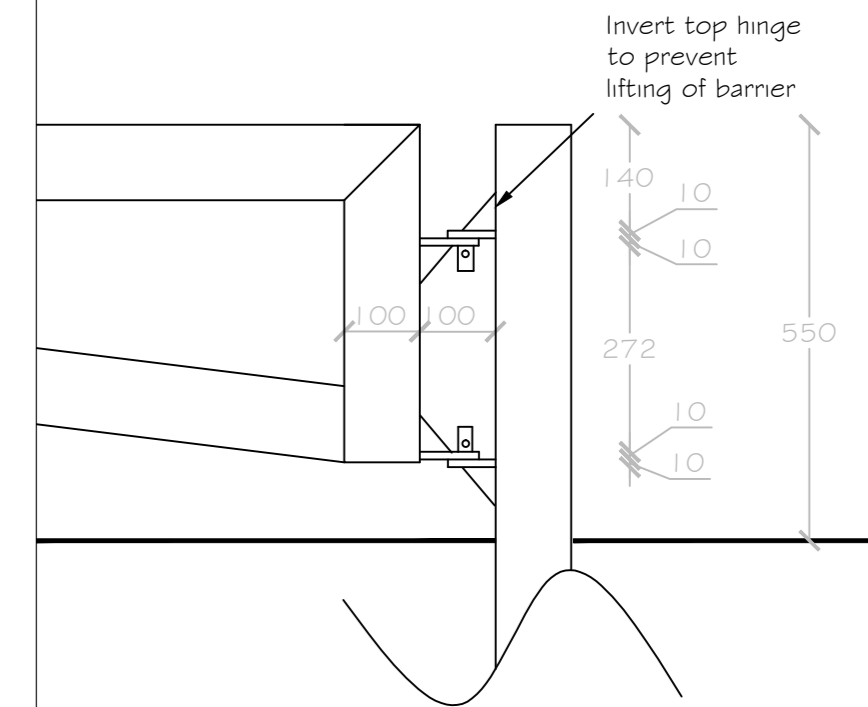
Metal reflective safety triangles to be pop riveted to crossbar of barrier

Post to be set in 400 x 400 x 550mm C20P concrete foundations

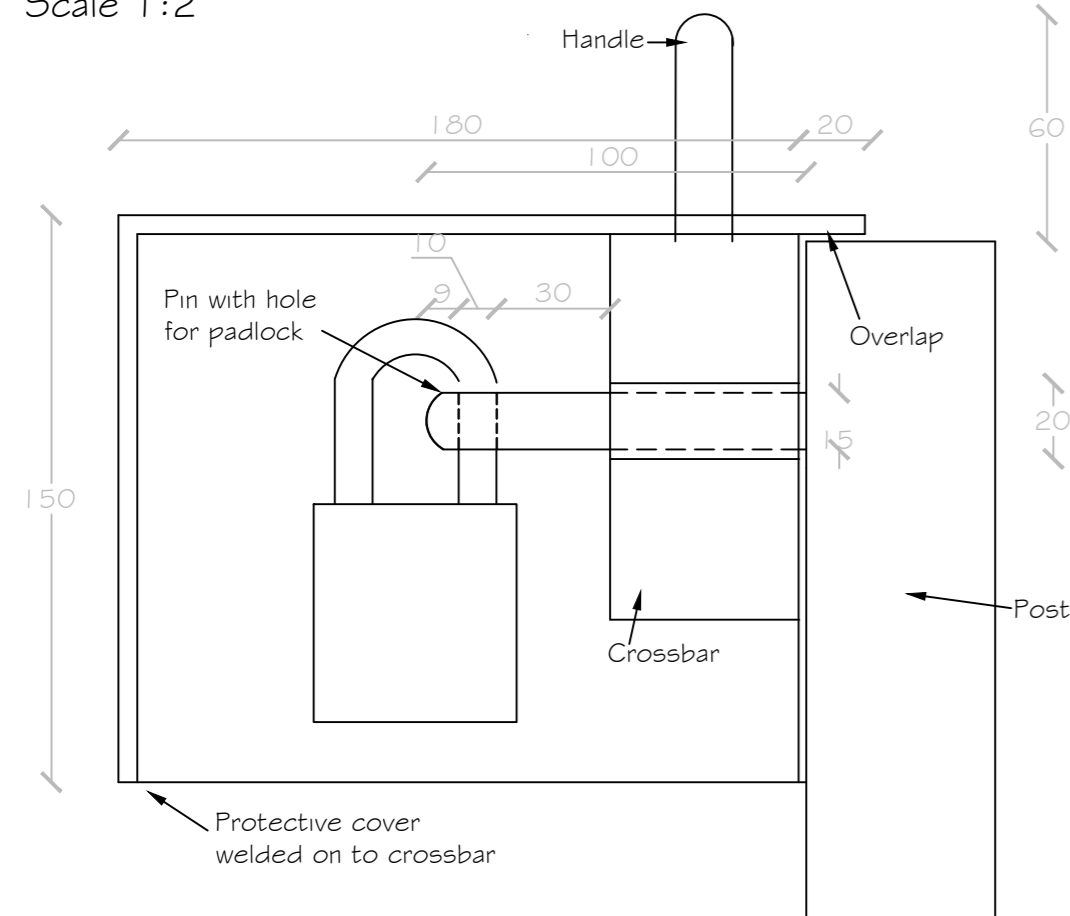
Hinge Post to be set in 500 x 500 x 600mm C20P concrete foundations

Install secondary post in correct distance at a right angle to provide resting opportunity for opened barrier frame, with same specification as Detail A

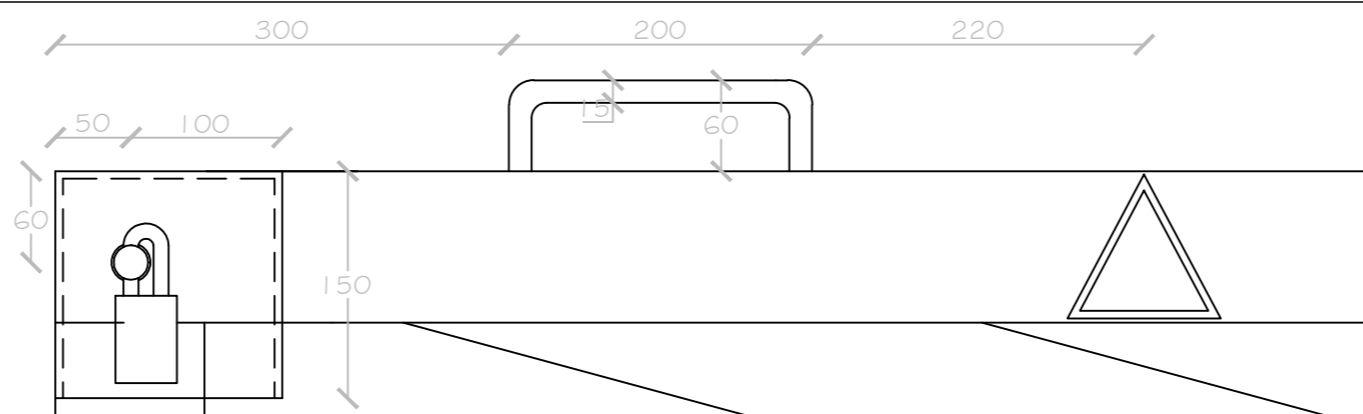
DETAIL B - FRONT ELEVATION  
Scale 1:10



DETAIL A - CROSS SECTION  
Scale 1:2



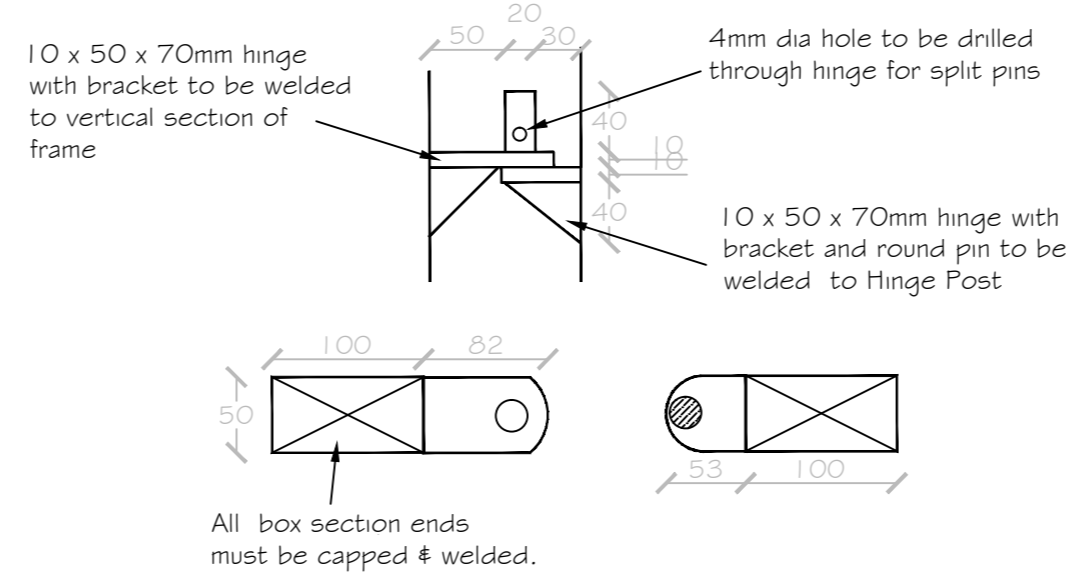
DETAIL A - FRONT ELEVATION  
Scale 1:5



DETAIL B - HINGE DETAIL  
Scale 1:5

ELEVATION

PLAN VIEW



NOTES:

- All posts and frame to be 100 x 50mm mild steel box sections.
- 100 x 15mm dia steel pin welded onto gate post with 10mm hole drilled through one end to receive a padlock. The pin is to pass through the barrier by means of a 50 x 20 x 2mm dia sleeve, welded through the 100 x 50mm box section.
- Padlock to be protected by 150 x 150 x 200mm ms cover, to be welded onto crossbar with 20mm overlap over post top.
- Padlock to be supplied with 5no. sets of keys
- Handle of the barrier to be made from 15mm bar bent & welded to crossbar of barrier as detail A.
- All metal used in the construction of the barrier to be hot dipped galvanised to BS EN ISO 1461:2009



ANGUS COUNCIL  
COMMUNITIES - PARKS & BURIAL  
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PROJECT:  
Brechin Public Wards  
Park Brechin Vehicle Barriers  
Timber barriers and vehicle gate  
Detail

DWG. No.	SCALE	
AH/BREC/06/04	@ A2	
DATE	DRAWN	APPROVED
17/05/17	AH	JS