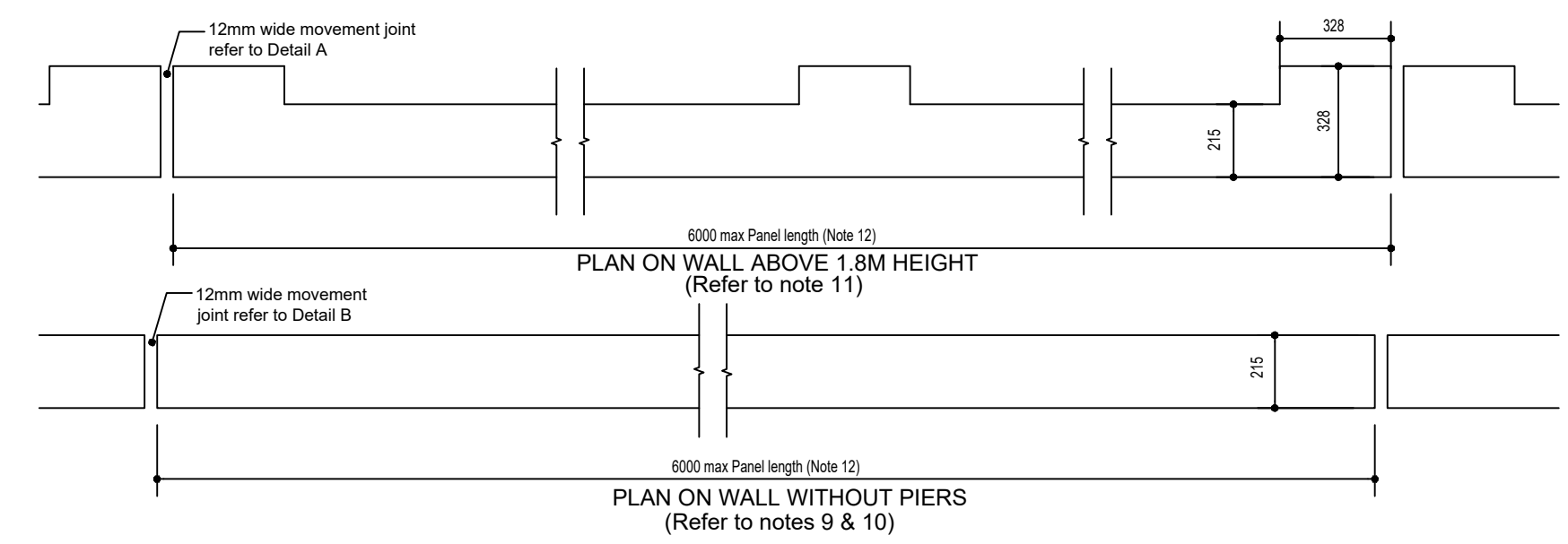


- 3) In dry, hot weather bricks are to be wetted either by lightly spraying the stack or by immersing individual bricks in water.
- 4) Mortar to be premixed or site mixed with quality control testing to confirm a minimum compressive strength of 11N/mm².
- 5) Where bricks have are not certified as frost resistant or have an absorption rating greater than 7% then two courses of engineering bricks to B.S.3291 or B.S.743 shall be incorporated just above the finished ground level.
- 6) Below the coping or capping a suitable DPC to B.S. 6398:1983 is to be provided, fully bedded on the underside and on the top with Class 1 mortar with a 10mm projection to form a drip.
- 7) Where foundations are on well compacted structural fill material having a net bearing capacity of 50kN/m² or greater then 1 layer of B385 structural mesh fabric laid with main bars running longitudinally with the strip foundations and having a bottom and side cover of 50mm shall be incorporated in accordance with the Structural Engineer's Design.
- 8) Walls constructed in stretcher bond shall have Galv. or stainless steel fishtail of spoon ties spaced at 450mm centres both horizontally and vertically.
- 9) For walls constructed using clay bricks of 7-12% water absorption a wall thickness of 215mm will be satisfactory up to 1.75m height above finished ground level.
- 10) For walls constructed using concrete bricks a wall thickness of 215mm will be satisfactory up to 1.8m above finished ground level.
- 11) For walls constructed using concrete bricks and a wall thickness of 215mm with a height in excess of 1.8m above finished ground level then integral 328mm thick piers are to be built in at the panel ends and midpoints as indicated on Dwg. No. F7(2).
- 12) Movement joints are to be constructed at approximately 6m centres to suit brick gauge or changes in direction. Joints must be full height from the foundation, through any DPC's and copings/cappings.
- 13) All walls on sloping ground to be a min 1800mm high and stepped at 225mm intervals.

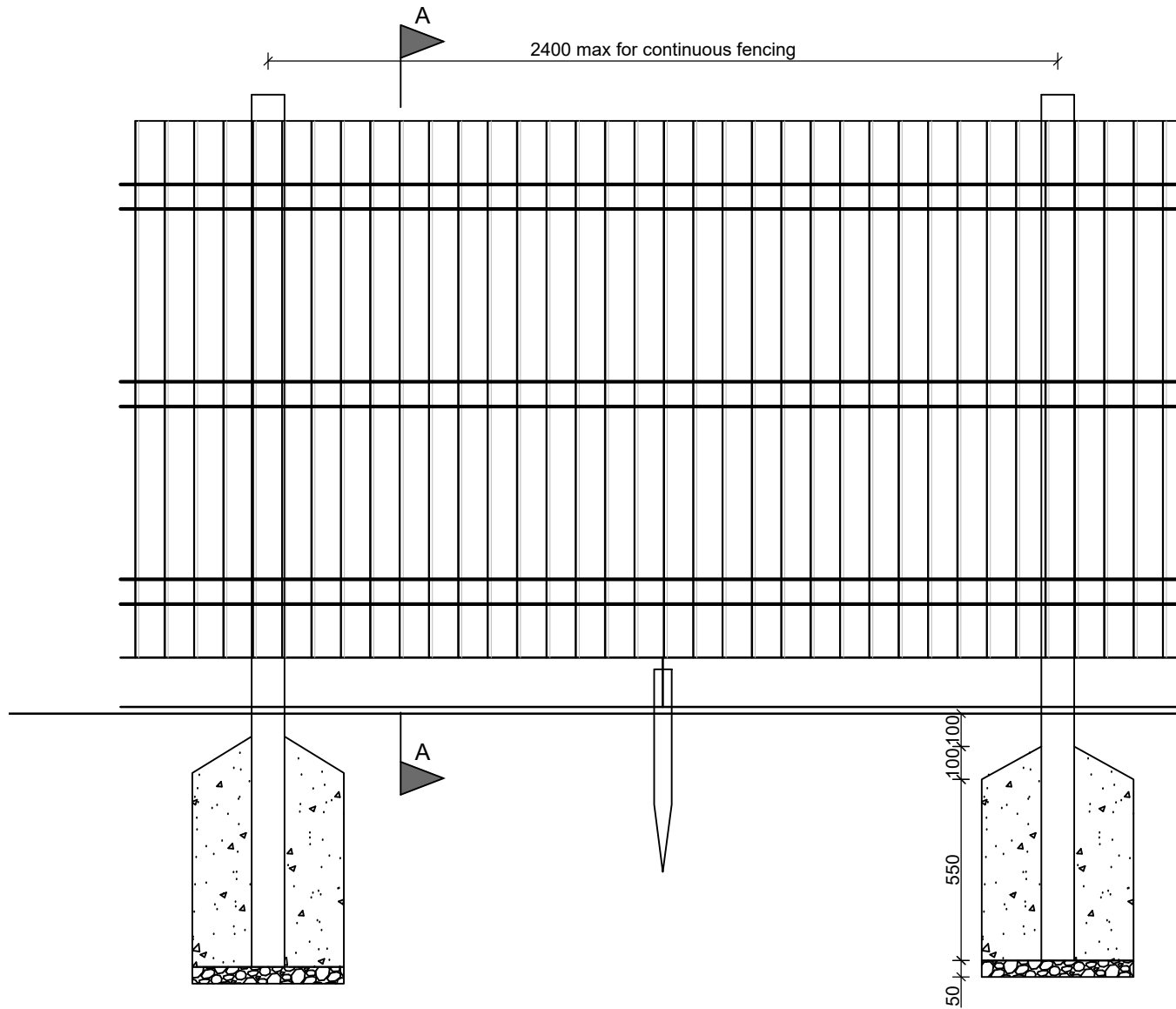
SCREEN WALL ON SLOPING GROUND

SPECIFICATION
 1) Class 1 cement/lime/sand or cement/sand mortar to be used in accordance with Table 1, B.S. 5628: Part 1 : 1992 with cement/lime/sand in proportions of 1:0 to 0.25:4.3
 2) Plasticised or masonry cement mortars are not to be used.

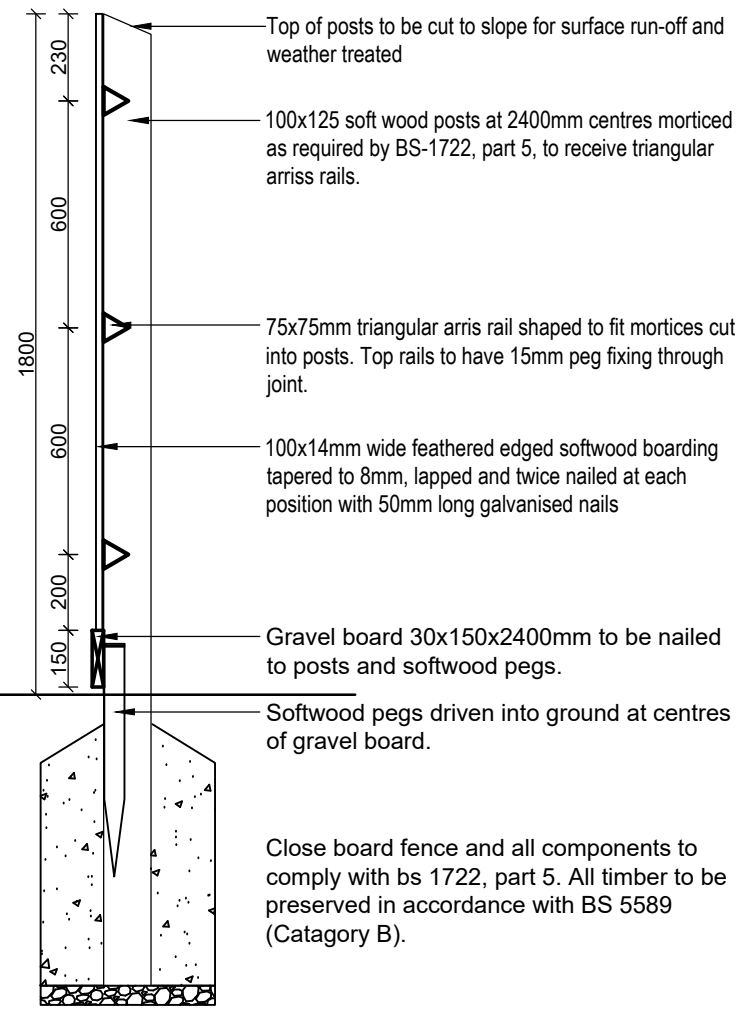


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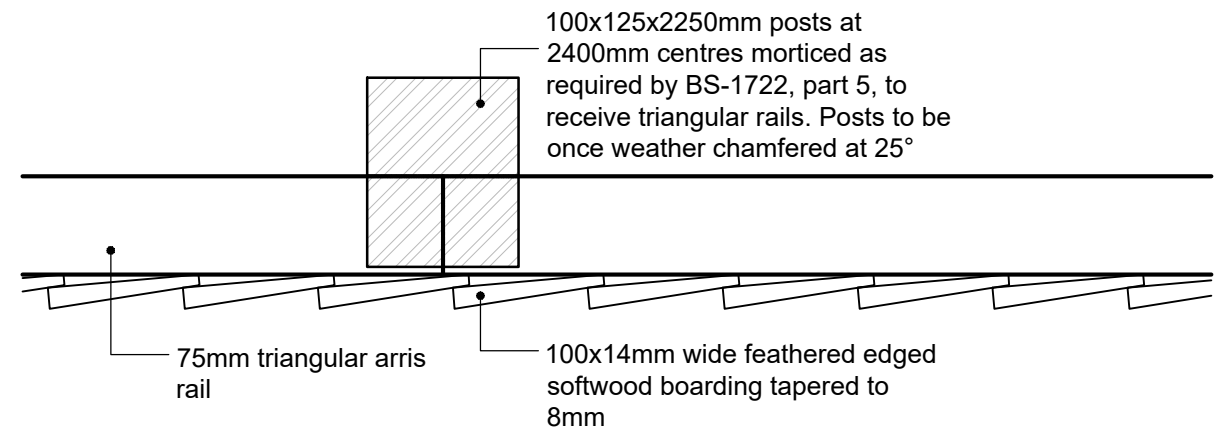
Development Blaengwawr School.		Davies Homes Ltd 1st Floor, 7 Gelliwastad Road Pontypridd Rhondda Cynon Taf, CF37 2BP Tel: 01443 400345
Location Blaengwawr.		
Drawing Title 1800 Screen Wall		
Scale @ A3 1:20	Drawing No DO01	
Date Sept' 2018	Revision -	



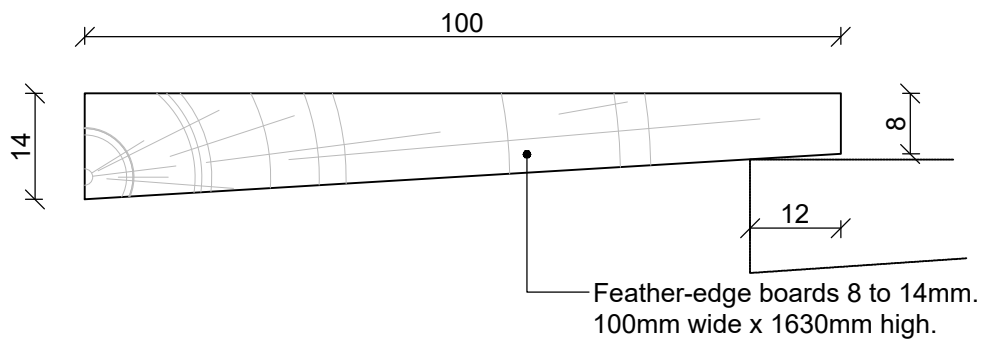
Elevation



Section A-A



Section Detail



Feather-edge boards 8 to 14mm. 100mm wide x 1630mm high.

NOTES

- Posts to be set in holes 300 x 300 x 600 or 800 or 750mm deep and bedded in weak concrete for half their depth below ground level, and remaining depth to be filled with rammed earth.
- Posts should be weathered approx. 30 degrees from the horizontal leaving a flat approx. 38mm wide.
- Boards should be minimum 100mm wide x 14mm to 8mm nailed to each rail and should lap 12mm min.
- Nails: Galv. nails should be used throughout to avoid rust staining on the timber.
- Posts to be softwood and to be pretreated with preservative.
- Boarding to be softwood pretreated with preservative.
- Posts and Fence in accordance with B.S. 1722 pt 5.

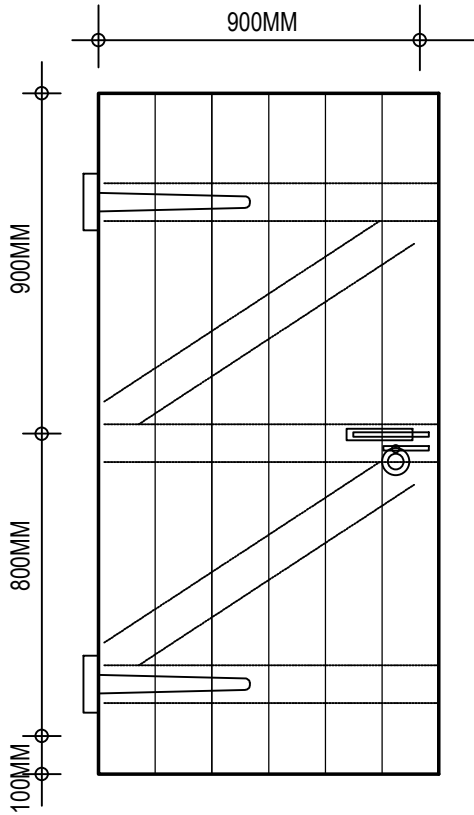
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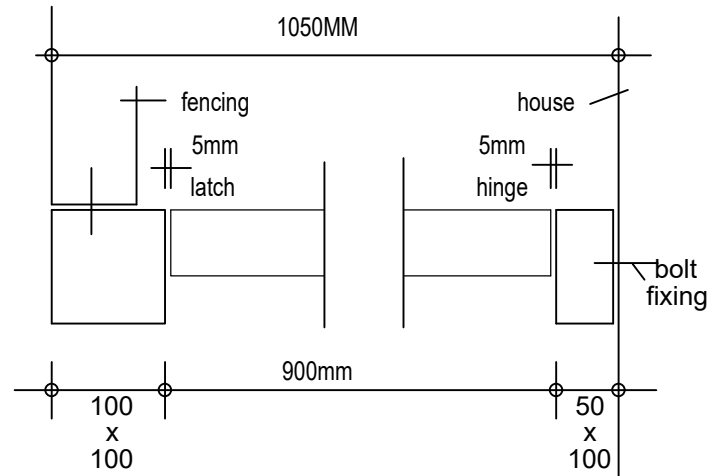
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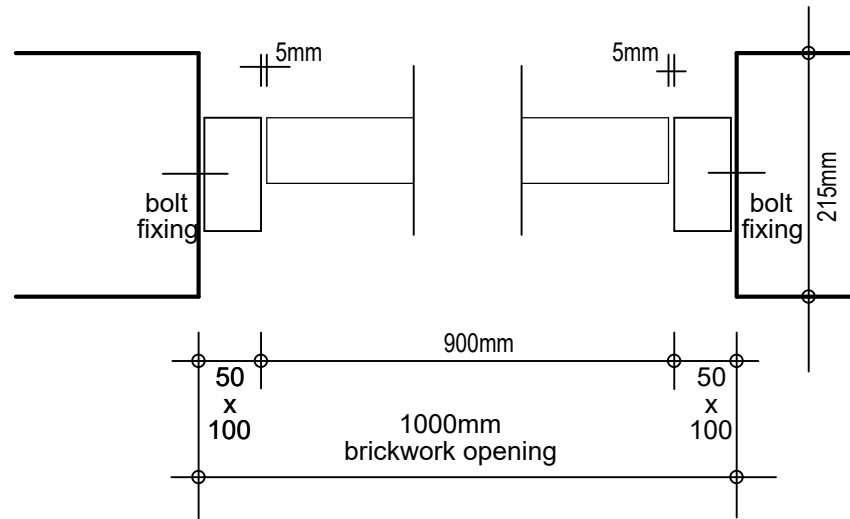
Development Blaengwawr School.		Davies Homes Ltd 1st Floor, 7 Gelliwastad Road Pontypridd Rhondda Cynon Taf, CF37 2BP Tel: 01443 400345
Location Blaengwawr.		
Drawing Title 1800 Close Board Fence		
Scale @ A3 1:20	Drawing No DO02	
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CLOSE BOARD GATE



PLAN DETAIL 01



PLAN DETAIL 02

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Location Blaengwawr.		
Drawing Title 1800 Close Board Gate		
Scale @ A3 1:20	Drawing No DO03	
Date Sept' 2018	Revision -	

Top of posts to be cut to slope for surface run-off and weather treated

125x43mm horizontal sw rail, twice nailed to post with 75mm long ms galvanised nails

100x100mm s.w. posts at 1.2m centres with weathered tops

Site mixed ST2 grade concrete or GEN1 grade ready mix concrete in accordance with NHBC standards Appendix 2.1 B Table 1

50mm hardcore

SECTION

300

50

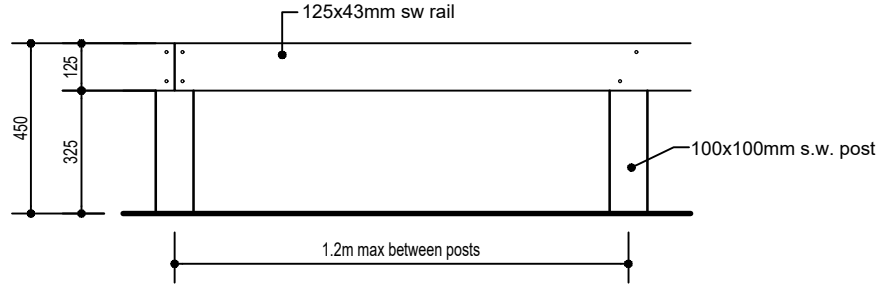
300

100

325

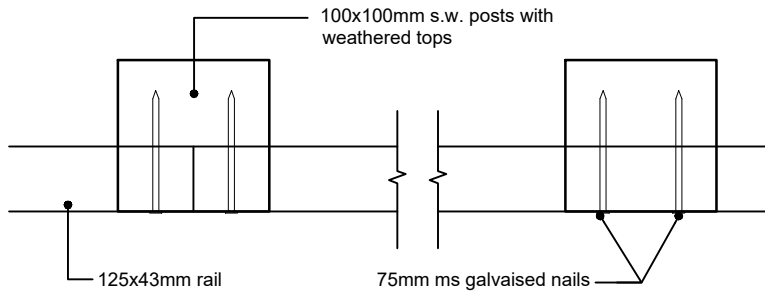
450

450



ELEVATION

1.2m max between posts



PLAN



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Location Blaengwawr.		
Drawing Title 450 Knee Rail		
Scale @ A3 1:20	Drawing No DO04	
Date Sept' 2018	Revision -	