Notes
1) Figured dimensions to be taken. Do not scale dimensions. Contractors must verify all dimensions on site before preparing shop drawings or commencing any work.
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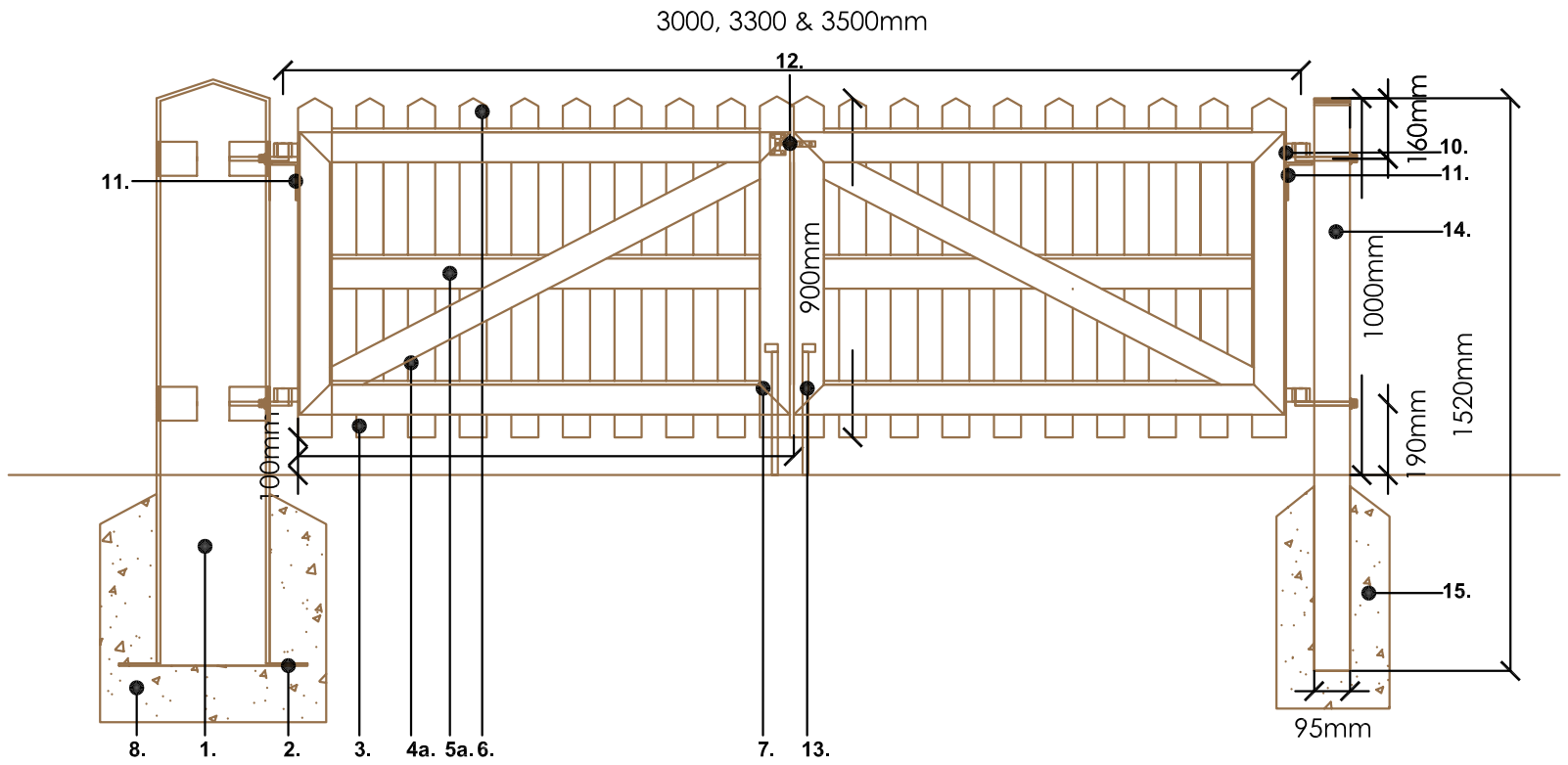
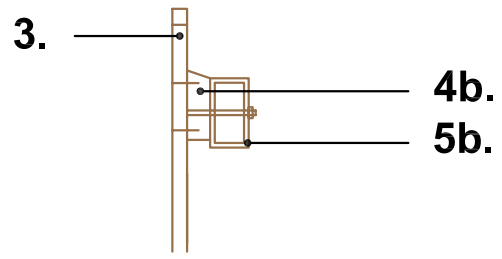


Steel Framed Picket Gate Rear Elevation



Steel Framed Picket Gate Section

Notes:

1a. 300 x 300 x 1500mm RHS gate posts, 8mm thick mild steel. Seam welded feature pointed top as shown to match pointed gate pales.

1b. 300 x 200 x 1500mm RHS gate posts, 8mm thick mild steel. Seam welded feature pointed top as shown to match pointed gate pales.

2. 8mm steel plate foundation plates.

3. 72 x 19mm pressure treated timber pales.

4b. 6 x 50 x 90mm galvanised mild steel rectangular hollow section 6mm bracing rail, welded and painted (black).

5a. 90 x 30mm pressure treated timber chafered rail bolted to steel frame with galvanised M8 fixings.

5b. 6 x 50 x 90mm galvanised mild steel rectangular hollow section frame, corners mitred, fully seam welded and painted (black).

6. 30 degree pointed top to pales.

7. 55 x 90mm pressure treated timber stile with 30 degree pointed top bolted to steel frame with M8 galvanised fixings.

8. 500 x 500mm GEN1 / ST2 concrete to steel gate post.

9. 90 x 90 x 90mm mild steel angle bracket, 8mm steel thickness fully seam welded to gate post. 10mm hole to accept gate hinges.

10. 45 x 60 x 20mm flat steel hinge brackets welded to steel frame. Pre drilled holes to be 20mm diameter. Hinges to be bolted to hinge brackets / post to be fully adjustable using M12 fixings.

11. Anti theft bracket - 100 x 75 x 6mm mild steel angle bracket fixed below top gudgeon pin with 63mm clutch head screws.

12. Automatic gate latch.

13. Steel drop bolts to both gates.

14. 125 x 95 x 1520mm dome head concrete gate posts.

15. 325 x 295mm GEN1 / ST2 concrete to concrete gate post.

General Notes:

Timber gates to be 5th's North European Redwood treated with organic solvent by double vacuum impregnation.

Palings fixed to rails with 4 nr 40mm annular ringed galvanised, resin coated nails per intersection.

Gates shall be delievered to site with a minimum of one factory applied basecoat, consistent with the intended site applied paint or stain system and to the Contract Administrator.

Ironmongery shall all be bright zinc coated and comprise a pair of 300 half double strap hinges with gudgeon pins where required and automatic gate latch and keep.

Gap between pales to be a minimum of 65mm and a maximum of 70mm. Number of pales to be governed by gap size.

Height of gates to be taken as 1000mm.

Steel to be fully welded off site, galvanised and powder coated (Black in colour).

Boundary type no	Width (mm)	Application
1D (iii)	3000, 3300 & 3500	Front boundaries - vehicular acess (metal frame)

Southway Housing Trust

Revisions Notes:

Rev	Date	Notes
A	17-12-10	Adjusted drawing number

GROUNDWORK

CHANGING PLACES CHANGING LIVES

Project: Southway Housing Trust Driveway Improvements

Drawing Title: Boundary Type No 1D (iii) - Picket Gates Metal

SCALE	DATE	DRAWING NO.	REV	DRAWN BY	CHECKED BY
1:20 @ A3	30.09.10	1612-038	A	AP	PH

Groundwork in Manchester, Salford, Stockport, Tameside & Trafford.
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