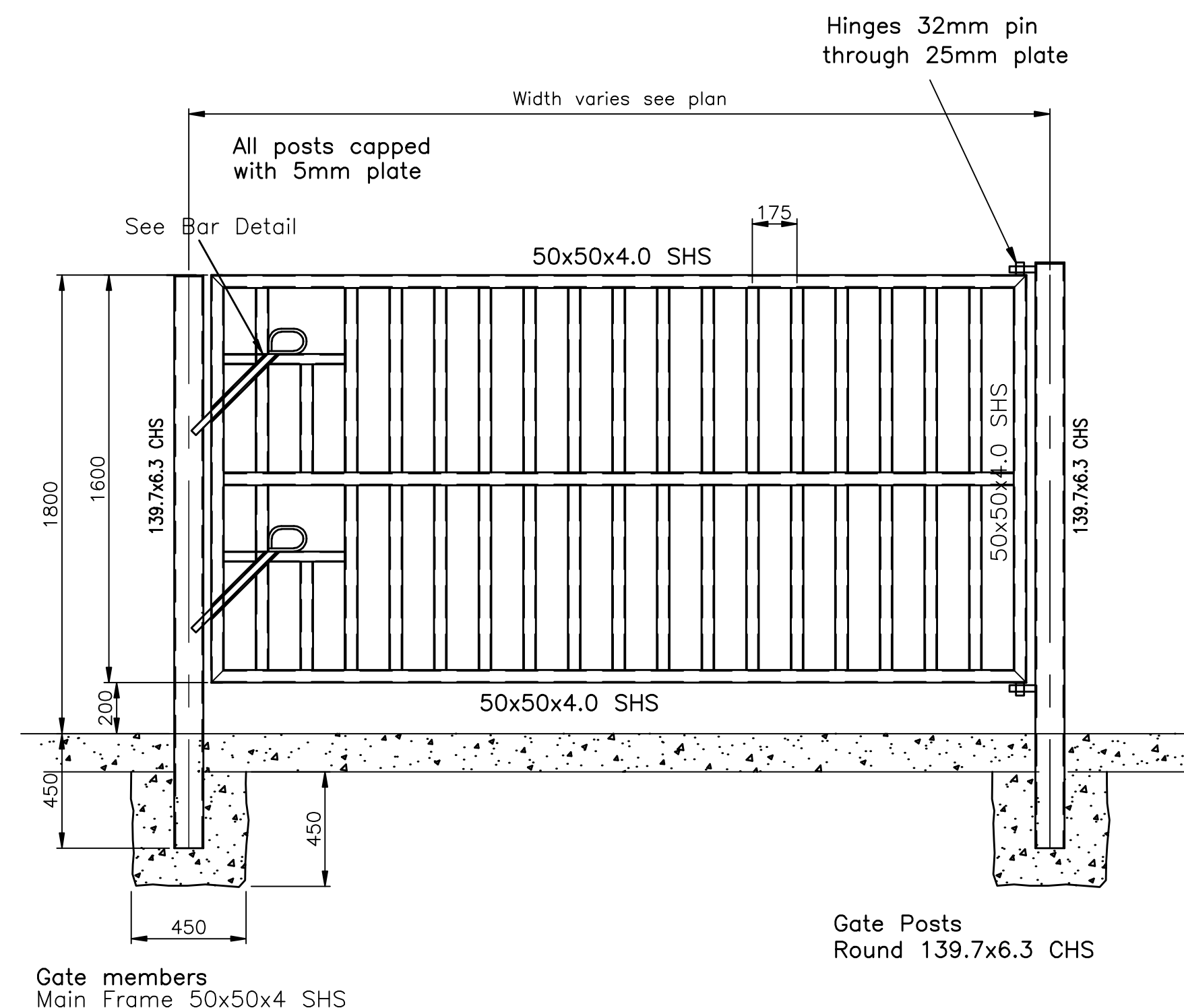


GATE RATCHET DETAIL

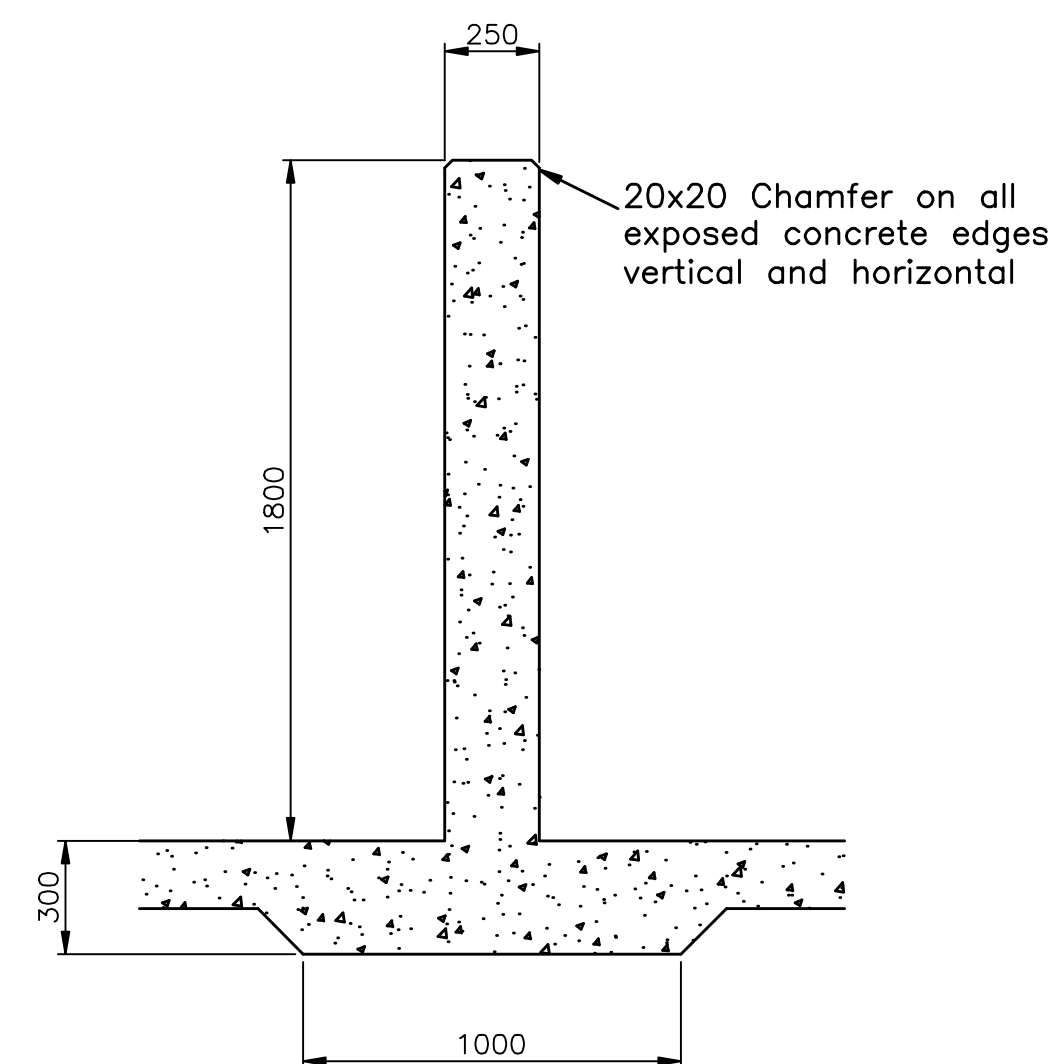
Reinforcement Weights

In-situ walls 250 and 300 thick and bases	100kg/m3
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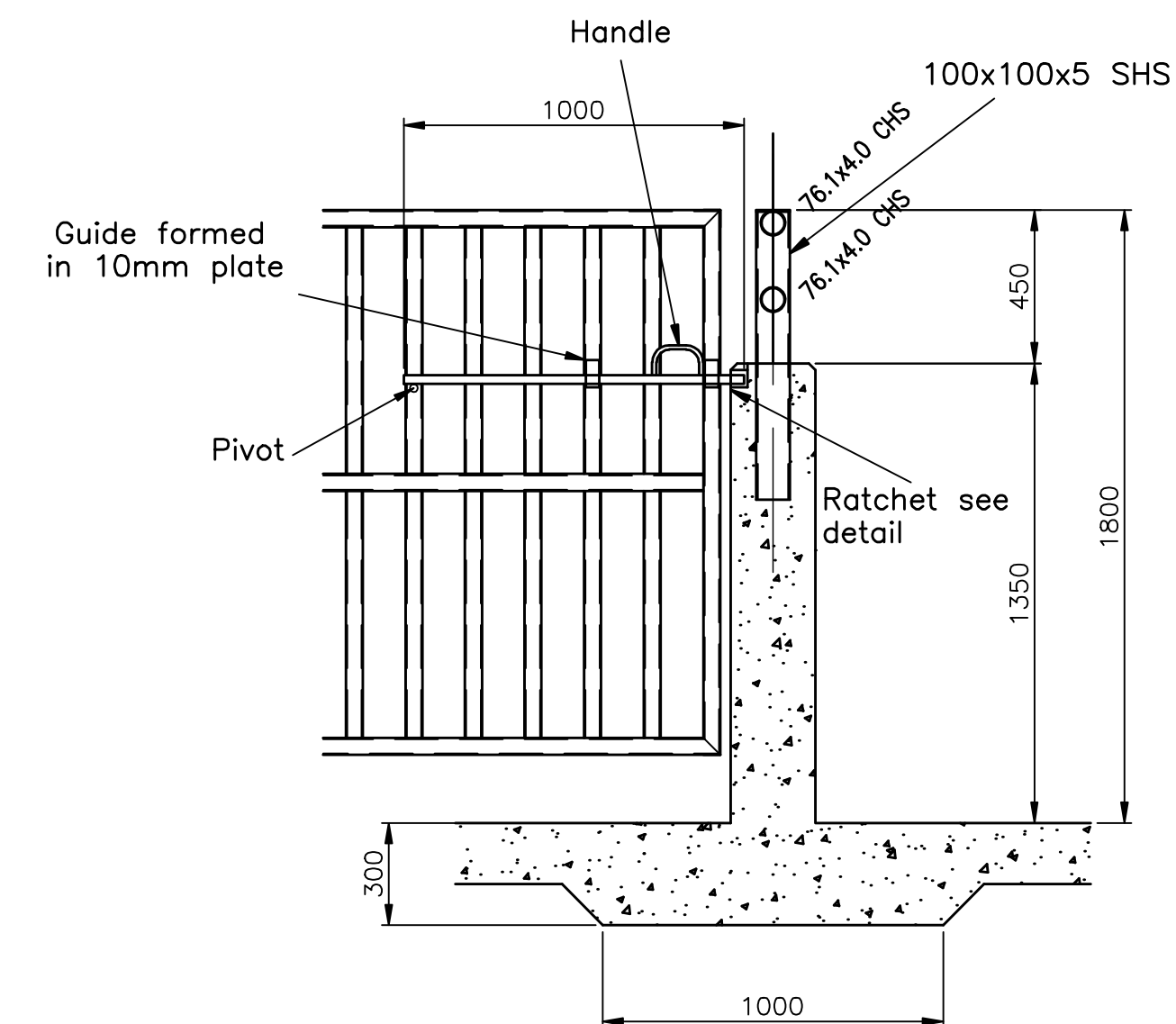
2 sprayed coats of Sikagard 700 Silane to be applied to all above ground internal concrete Except where Glazegard is being applied



GATE TYPE G



SECTION THROUGH 250mm RC WALL



SECTION THROUGH 250mm RC WALL WITH CHS RAILINGS

STEELWORK NOTES

- ALL STEELWORK AND WELDING TO BE GRADE BS EN10210 S275 JR UNLESS NOTED OTHERWISE. ALL WELDING TO BE IN ACCORDANCE WITH BS 4870, 4871 AND/OR 4872.
- ALL STRUCTURAL HOLLOW SECTIONS AND WELDING TO BE CELSIUS (GRADE BS EN10210 S355 J27).
- ALL STEELWORK TO BE NEW AND CONTINUOUS THROUGHOUT THE LENGTH OF EACH MEMBER.
- ALL STEELWORK TO BE CLEANED AND HOT DIPPED GALVANISED TO BS EN ISO 1461, AFTER FABRICATION. MINIMUM COATING TO BE 140 MICRONS.
- ALL CONNECTIONS TO BE DESIGNED FOR LOADING AND MOMENTS AS SHOWN ON DRAWING 906 OR AS SPECIFIED BY THE ENGINEER.
- CONNECTIONS TO HAVE A MINIMUM OF 2 No. M20 GRADE 8.8 BOLTS TO BS EN 24614 COMPLETE WITH WASHERS TO BS 4320, IN 22mm Ø HOLES UNLESS NOTED OTHERWISE.
- ALL WELDS TO BE 8mm FULL PROFILE FILLET WELDS.
- ALL SETTING OUT DIMENSIONS TO BE CONFIRMED BY PRINCIPLE CONTRACTOR ON SITE PRIOR TO FABRICATION.
- ALL FABRICATION DRAWINGS TO BE APPROVED BY THE ENGINEER PRIOR TO THE FABRICATION OF THE STEELWORK. STEELWORK CONTRACTOR TO PROVIDE 2 No. COPIES OF FABRICATION DRAWINGS FOR APPROVAL PRIOR TO FABRICATION OF ANY STEELWORK.
- GALVANISING FINISH DAMAGED DURING FABRICATION OR HANDLING TO BE MADE GOOD BY THE STEELWORK CONTRACTOR.
- TEMPORARY BRACING TO BE PROVIDED BY STEELWORK FABRICATOR AS REQUIRED. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY WORKS REQUIRED IN ORDER TO CONSTRUCT THE BUILDING, WHILST MAINTAINING OVERALL STABILITY.
- ALL TIMBER TO BE STRENGTH CLASS C24. TIMBER TO BE VACUUM/PRESSURE TREATED WITH AN APPROVED PRESERVATIVE TO GIVE A MINIMUM SERVICE LIFE OF 20 YEARS.

<p>Department of Finance and Personnel www.dfpni.gov.uk</p>	
<p>CENTRAL PROCUREMENT DIRECTORATE Works Procurement Division</p> <p>Clare House 303 Airport Road West Belfast BT3 9ED</p> <p>Tel: 028 90 8182 00</p>	
<p>Client Department of Agriculture and Rural Development (DARD)</p>	
<p>Job CAFRE GREENMOUNT NEW DAIRY UNIT</p>	
<p>Drawing GATE/CUBICLE DETAILS Sheet 3 of 3</p>	
<p>Scale 1:20</p>	
<p>Branch: STRUCTURAL ENGINEERS</p>	
<p>Branch Manager: P McMURRAY</p>	
<p>Drawn by: WM Date: DEC 2011</p>	
<p>Verified by: CD Date: Feb 2012</p>	
<p>Drawing No. 367979DB / S/18</p>	
<p>Amendment:</p>	