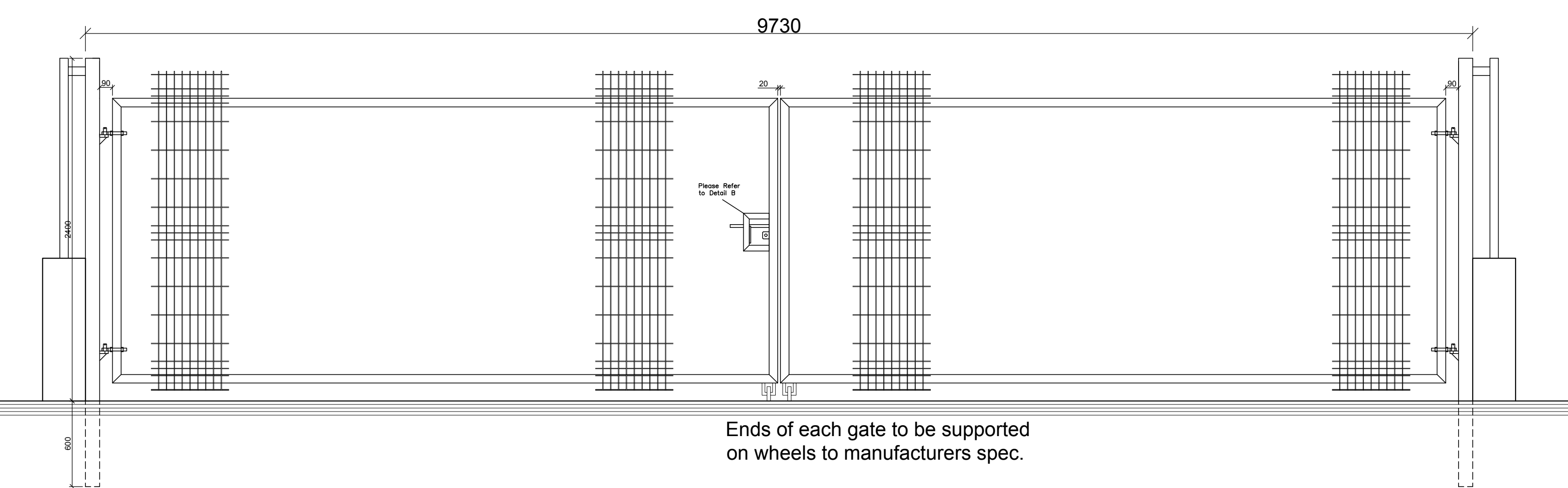
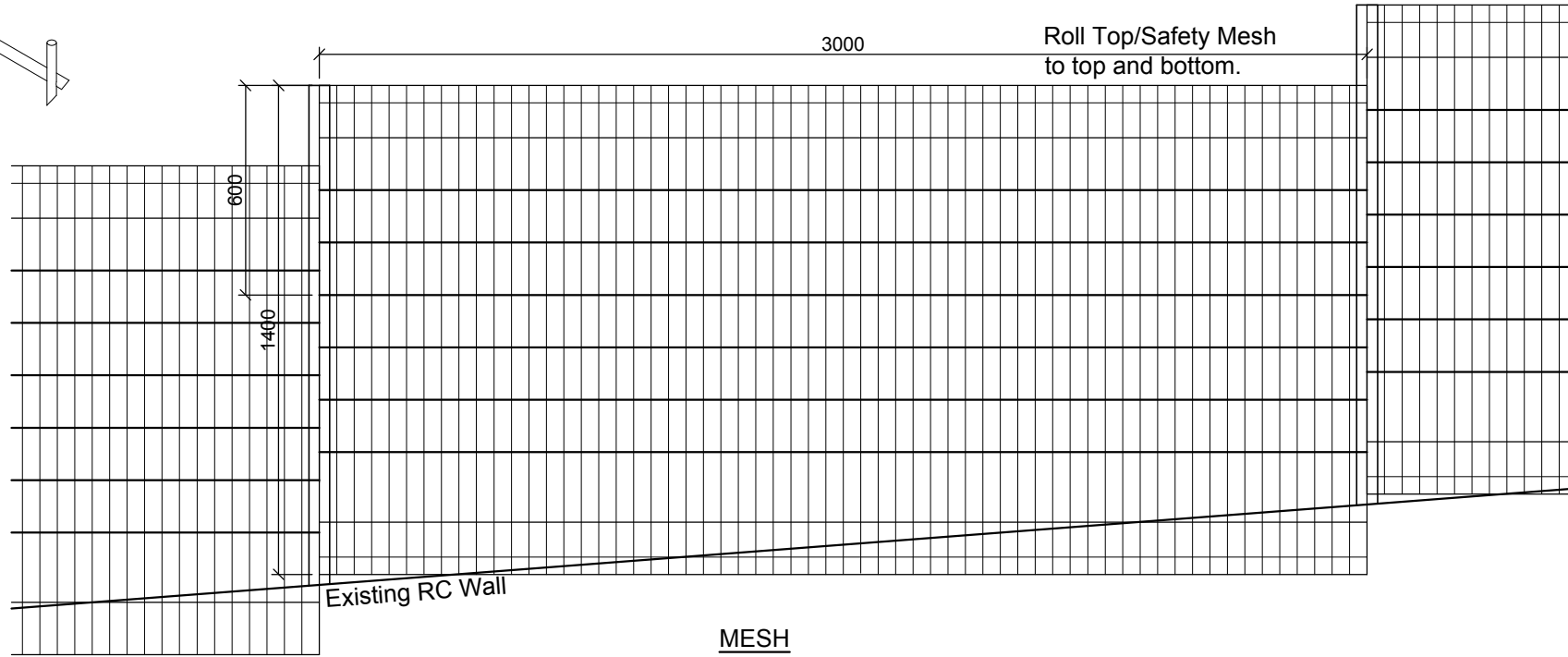
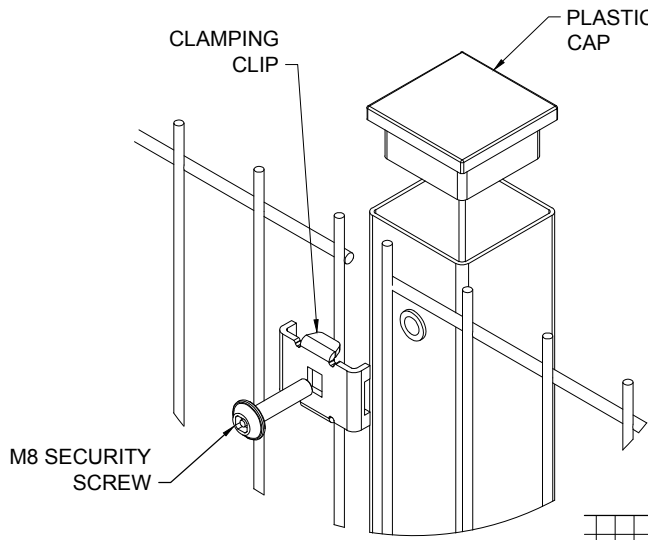




Gate Elevation
Scale 1:25

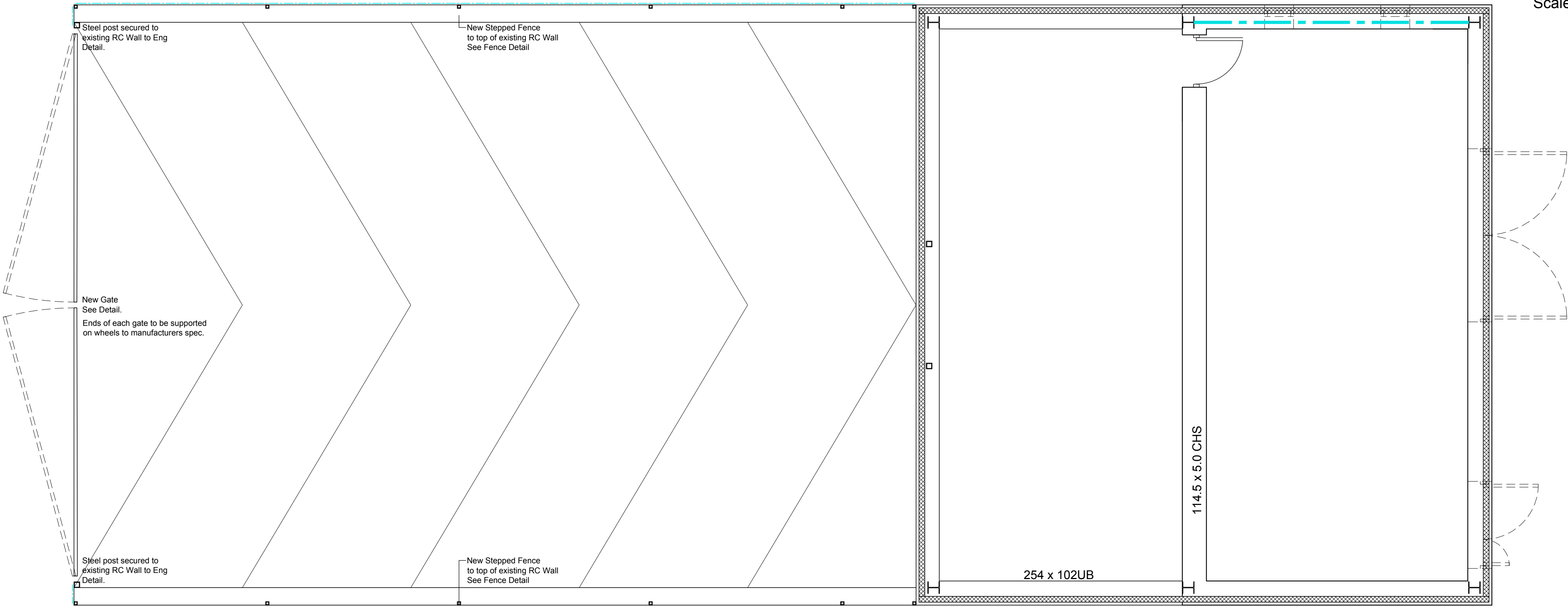
Irfen® Double leaf Gate of height 2.4m with Irfen® Kylemore Mesh. Frame 60 x 60mm SHS. Mitred corners with fully welded joints. Infill to be affixed to frame by full welds or by clamp bars in the case of weldmesh, to be supplied with Irfen® drop bolts and receivers, adjustable Irfen® hangers, and locking system to take clients padlock or alternative device as specified. Installed to Gate Posts of 100 x 100mm or Pier. Finished with Plasgalv® (hot dipped galvanised to BS EN9 ISO 1461:199 after fabrication and subsequently electrostatically powder coated in a plant complying to E.N 1722 part 16). Erected plumb and level in concrete bases minimum size 350 x 350 x 600mm (base size can increase based on soil conditions, size of leaf or wind exposure (discuss with Irish Fencing and Railings personnel or consultant if in doubt). Using concrete grade 25N trowelled weather finish where exposed, are exposed. Including fixing with galvanised Irfen® fittings.



Typical Fence Detail
Scale 1:20

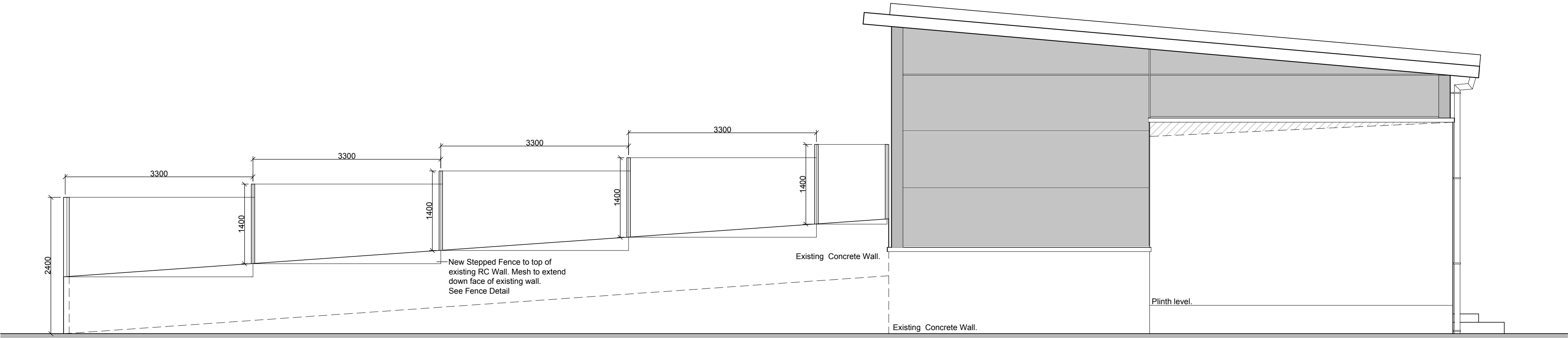
MESH
1400mm high Irfen® Kylemore Mesh Fence System 200 x 50mm mesh. Mesh panel constructed using 5mm vertical wires and 5mm horizontal wires with 4 No. re-inforcement crimps. Finished in Polyester Powder Coating to BS 6497. Posts 60 X 60 x 2mm SHS at 3030mm post centres. All Posts galvanised to BS EN9 ISO 1461:2009 after fabrication and subsequently electrostatically powder coated in a plant complying to E.N 1722 part 16. (Plasgalv®). Panels fixed to posts with Plasgalv® coated steel clamping clips and M8 security screws.

POSTS
Posts are Erected plumb and level secured to top of existing RC Wall At 3030mm centres. Discuss with Irish Fencing and Railings personnel or consultant if in doubt). Including fixing with galvanised Irfen® fittings.



Proposed Fence

Elevation B



Proposed Elevation B

- notes
- Verifying dimensions. The contractor shall verify against such other drawings or site conditions as pertain to this part of the work.
 - Services. Approved openings for services through the structure are incorporated on the drawing. Any additional openings of a minor nature required by the main contractor or his sub-contractors must be submitted on a drawing for approval before work commences.
- Typical Blockwork Movement Joint At 203x203uc60 Stanchion**
scale 1:10
- See architects drawing for details of all insulation, D.P.M. and D.P.C.'s.
 - This drawing must not be scaled physically or electronically. Work to figured dimensions only.
 - Blockwork to have a minimum compressive strength of 10.0 N/mm2 at 28 days, mortar type III to be used unless noted otherwise
 - Notice of work commencing
Contractor is to contact Engineer prior to start of work on site. Engineer should be present to access the condition of the existing structure and/or neighbouring structures. No work to be undertaken without prior consultation with the engineer
 - Surface treatment of steelwork (except cased steelwork)
1. Surfaces shall be prepared to Swedish Standard S.I.S. 05 5900 SA2
2. Shop applied high build zinc phosphate 70 Microns DFT.
3. No site application
4. Steelwork contractor shall be responsible for cleaning and touching up surface treatment on site. Touch up with 100 Microns high build zinc phosphate
5. All bolts to be stainless steel
6. Holding down bolts to be supplied by steelwork contractor and cast in place by the main contractor
7. Cold formed items
All purins, rails Etc. are to be installed strictly in accordance with their manufactures instructions, including all necessary sag bars Etc.
8. Galvanised steelwork to be hot dip galvanised to BS EN ISO 1461

revision	date	by	chk	app	ref
BS 8500-1 reference					
4.2.2(a) The concrete below shall be supplied as designated concretes in accordance with this specification with the relevant clauses of BS 8500-2					
Concrete Reference, if any	Floor Slab	foundation			
	RC35	RC35			
4.2.2(b) Concrete designation					
Max. aggregate size when other than 20mm	S1, S2, S3, S4	S1, S2, S3, S4			
Consistence (Piling the class required when other than the default classes of S3 for the GEN, FND and RC series and S2 for the PMV series. Use a separate column for different consistence with the same designated concrete) Other (Specify)	F2, F3, F4, F5	F2, F3, F4, F5			
4.2.3 Additional requirements					
	cover=50mm	cover=50mm			

TENDER ISSUE

NOTES.

Main Contractor should allow for examining all as built drawings and health and safety file, to identify all underground services prior to commencement of any works on site.

Main Contractor should allow for identifying all underground services on site prior to commencement of any works on site.

All drawings and construction details should be read in conjunction with the project specification document.

All works should be carried out in accordance with the construction details shown on drawings and in accordance with the project specification document.

contract Aura Boiler House

drawing Ramp Gate & Fence Details

architect n/a

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Consulting Structural and Civil Engineers

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scale 1:50, 1:25 & 1:20

schedules

date 30:06:17

drawn PMcD

checked

approved

Job no. P63-1722

drawing no. P63-1722-03