

NAME OF SCHEME

Arun District Council – Wick Estate

NAME OF STRUCTURE

Acoustic Noisewall Barrier (2.0m high) Timber
Reflective as pictured below



Description of Structure

The fence is 2.0 metre high acoustic barriers in accordance with Clause 2504 of the specification for Highway Works. (1998 consolidation version) and Departmental Standard HA 66-95 – Environmental Barriers: Technical Requirements.

The fence has been laboratory tested in accordance with BS EN 1793:1998 (Parts 1-3) and has reached performance category B3 or A3.

The installation will be carried out by an installer registered to BS 9001:2000 Sector Scheme Document 2 C (The Design, Supply, Installation and Repair of Environmental Barriers (Structural))

Structural Type

N/A

Foundation Type

N/A

Span Arrangements

Height of fence 2.0m

Span of panels 3.0m maximum

Articulation Arrangements

N/A

Proposed Arrangements for Inspection and Maintenance

Design life – 15 years, no major maintenance for 10 years. The environmental barrier should be inspected for maintenance during normal routine boundary inspections.

Materials and Finishes

Acoustic Noisewall Barrier:

The timber components of the barrier will be treated using Tanalithe “E” (Green).. The reflective face of the fence will consist of 150mm*22mm vertical boards and 65mm cover strips, nailed through into the rails and gravel board using galvanised annular ring shank nails.

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