



Armstrong House
3 Bassett Avenue
Southampton
SO16 7DP

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Ms Jane Carrington
Foreman Homes
Unit 1
Station Industrial Park
Duncan Road
Park Gate
Hampshire
SO31 1BX

By email

Date: 3 July 2023
Reference: Q9847-1 Rev 0

Dear Jane

RE: Misery, Land off Providence Hill, Bursledon – Acoustic Barrier Specification

Thank you for your recent email.

Eastleigh Borough Council has granted outline and reserved matters planning consent for the residential development of the site (Reference O/17/81166 and RM/21/91772 respectively) subject to conditions, of which the below relates to the specification of the acoustic barrier.

*Prior to the construction of any building above slab level the design details and management / maintenance arrangements for the acoustic bund and fencing (acoustic barrier) shall be submitted to, and approved in writing by, the Local Planning Authority. **In support of the design of the acoustic barrier, written confirmation from a suitably qualified acoustic consultant shall be provided along with the above details that the acoustic barrier meets the recommendations set out in the Noise Impact Assessment dated 11 December 2018 (Ref: AC102141-1R8).** The acoustic barrier shall be installed prior to first occupation and thereafter retained in accordance with the approved details and management plan.*

The noise impact assessment referred to above makes reference to the provision of a 3 m acoustic barrier at the boundary of the site with the M27 motorway. It is 24 Acoustics' understanding that Foreman Homes propose to use a proprietary 'Noise Stop' Acoustic Screen provided by Hales Sawmills Ltd (see specification sheet overleaf). This has a stated surface density of 26.4 kg/m² and hence, providing it is well maintained and remains impervious, will be an effective barrier, in accordance with the requirements of the noise impact assessment and planning condition.

Registered Office
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Southampton, SO16 7DP



FS 692101

Registered Number 5256773
Registered in England & Wales

I trust you will find the above satisfactory. If you have any queries, however, please do not hesitate to contact me.

Yours sincerely,
For 24 Acoustics Ltd



Reuben Peckham BEng MPhil CEng MIOA
Director & Principal Consultant

Enc.



hales

SAWMILLS

LIMITED

REFLECTIVE SOUND SCREENS

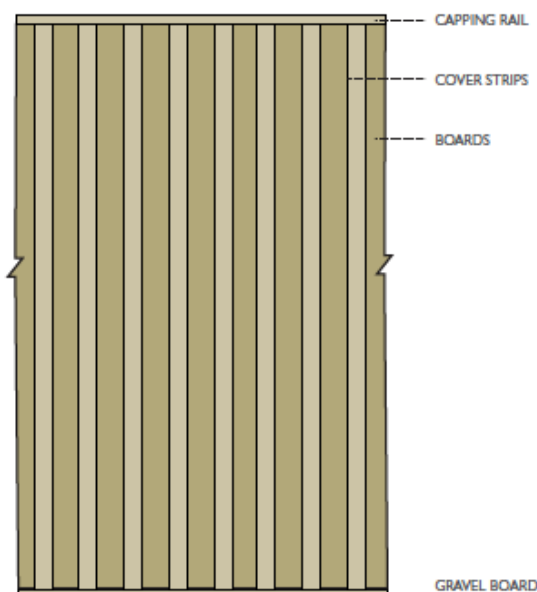
HEIGHT: 3550mm

AUGUST 2014

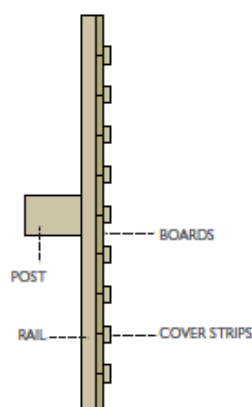
PLEASE NOTE:

1. STRUCTURAL CALCULATIONS MAY BE REQUIRED BY QUALIFIED PERSONS, NO RESPONSIBILITY CAN BE ACCEPTED BY USING THIS DESIGN WITHOUT PROFESSIONAL ADVICE.
2. DESIGN IN ACCORDANCE WITH SPECIFICATION FOR HIGHWAY WORKS CLAUSE 2504. TREATMENT TO SECTOR SCHEME 4.
3. REFLECTIVE SOUND SCREEN FITTED TO TIMBER POSTS (FOR ILLUSTRATION PURPOSES ONLY). STEEL POSTS CAN BE AN ALTERNATIVE.
4. HEIGHT OF SOUND SCREEN VARIABLE TO SUIT SPECIFIC LOCATIONS. POST CENTRES AT 3.0M UNLESS OTHERWISE SPECIFIED.
5. CONFORMS AND TESTED TO BS EN 1793. ALSO TESTED AND COMPLIES TO BS EN 1794-1 AND BS EN 1794-2.
6. COMPLIES WITH HIGHWAYS SECTOR SCHEME 2C FOR THE PREFABRICATION OF ENVIRONMENTAL BARRIERS.
7. AVERAGE DENSITY 26.4 KG/M² (EXCLUDING POSTS).

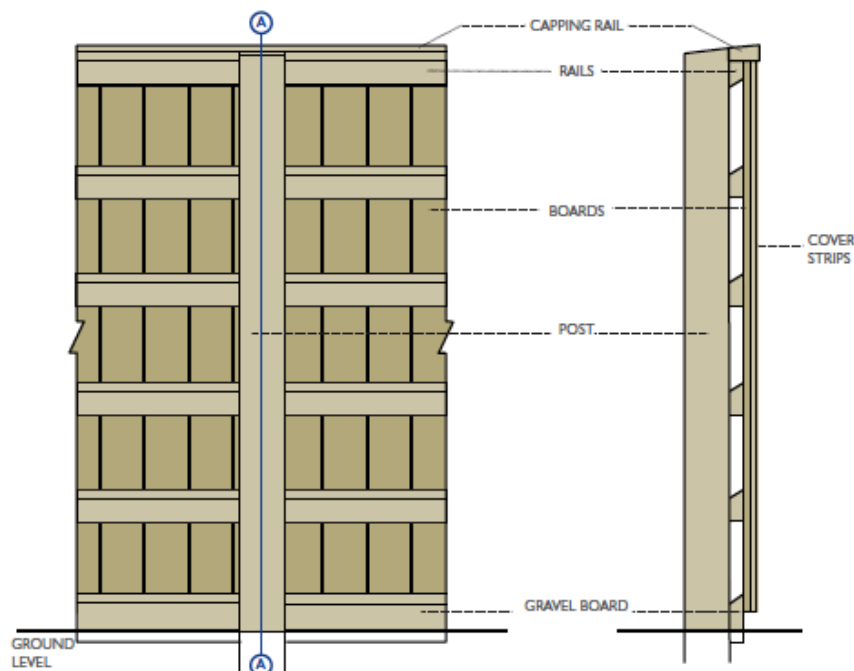
FRONT VIEW



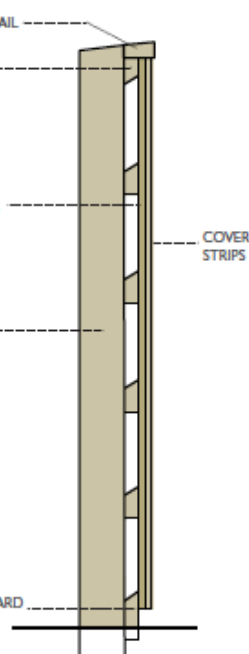
PLAN VIEW (Capping omitted)



REAR VIEW



SECTION A-A



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