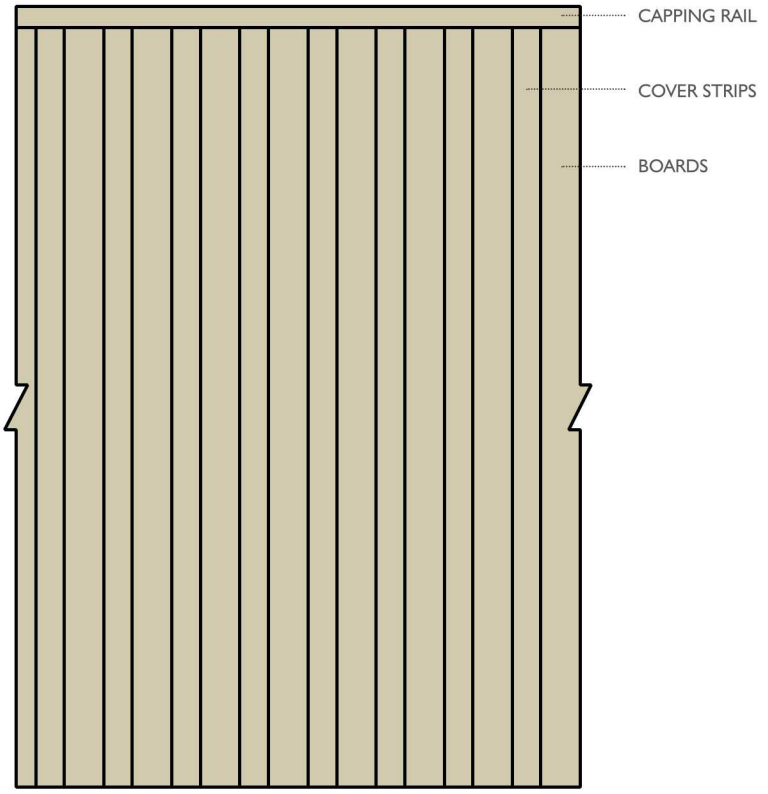
HALES SAWMILLS **reflective**
NOISEstop
ACOUSTIC SCREENS

hales
SAWMILLS
LIMITED

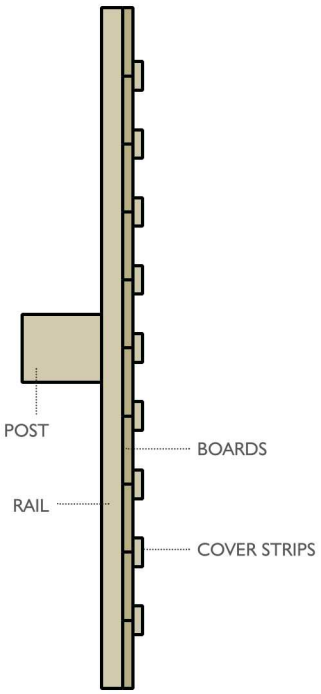
REFLECTIVE SOUND SCREENS

AUGUST 2012

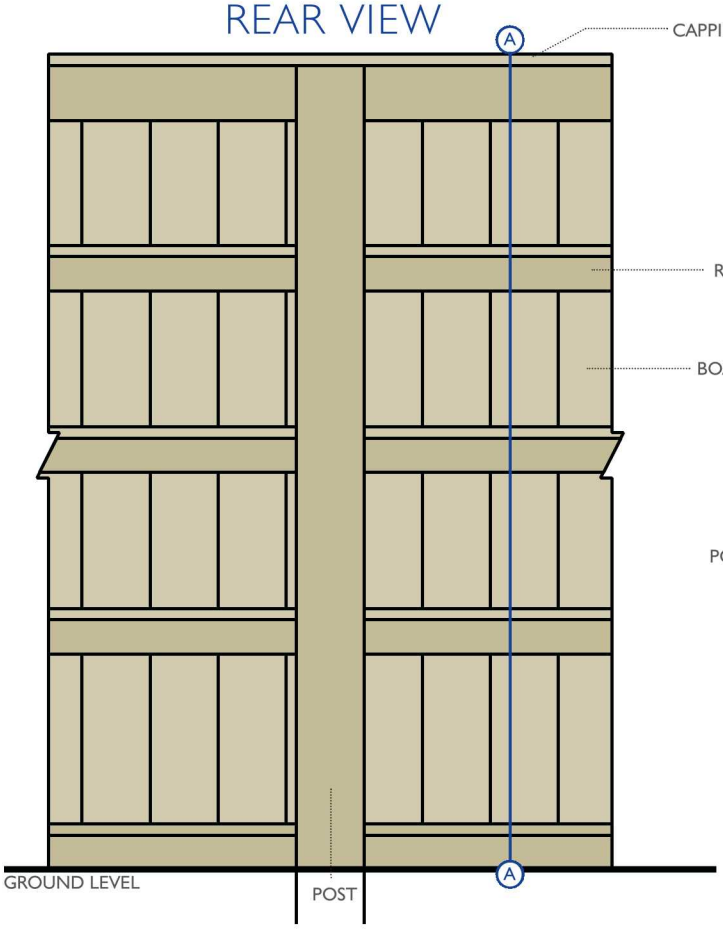
FRONT VIEW

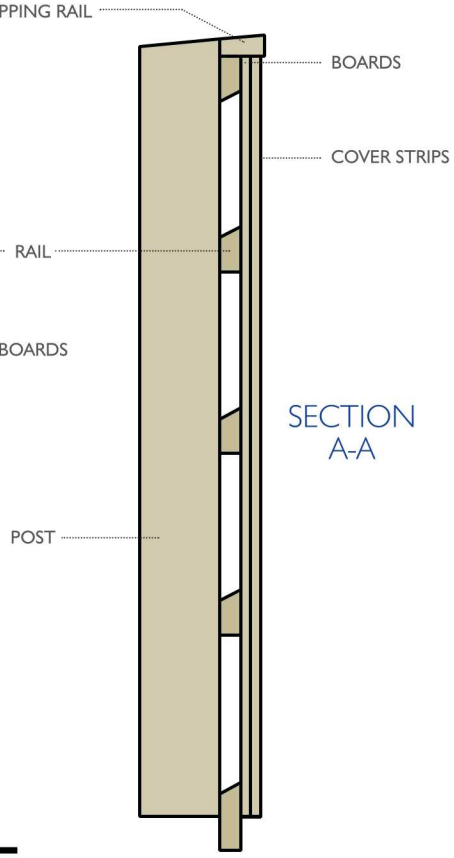


PLAN VIEW
(Capping omitted)



REAR VIEW





SECTION A-A

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.

HALES, MARKET DRAYTON
SHROPSHIRE, TF9 2PP
TEL: **01630 653359**
FAX: **01630 658859**
www.halessawmills.co.uk

Tanalised™ TIMBER

HALES SAWMILLS reflective NOISEstop ACOUSTIC SCREENS

hales SAWMILLS LIMITED

REFLECTIVE SOUND SCREEN

BS EN 1793-2: 1998

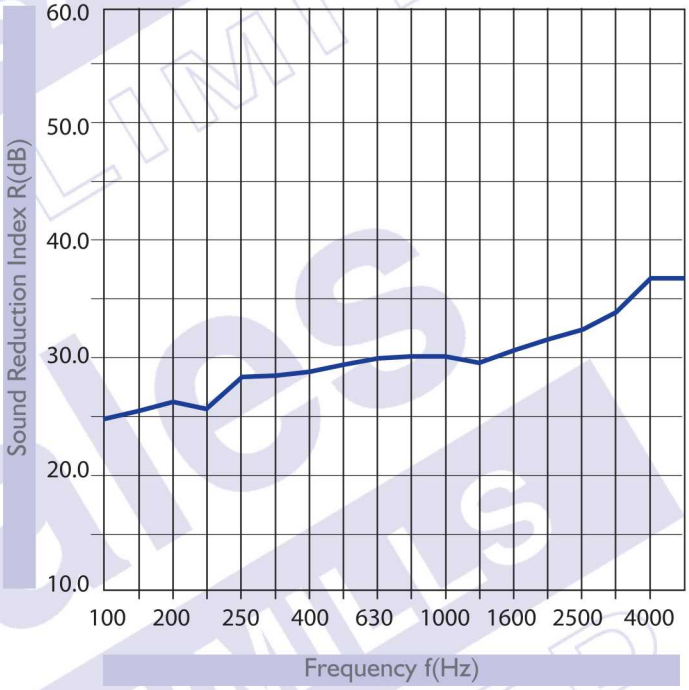
Acoustics - Road traffic noise reducing devices
Test method for determining the acoustic performance

SIZE:	8.64m²

SOURCE ROOM		RECEIVING ROOM	
Volume:	136m²	Volume:	220m²
Condition:	clean	Condition:	clean
Type:	small reverberation room	Type:	large reverberation room
Location:	acoustic transmission suite	Location:	acoustic transmission suite

TEMPERATURE:	17.8°C		
HUMIDITY:	58.6%		
DL_R :	30	CATEGORY:	B3

FREQUENCY HZ	R
100	24.7
125	25.3
160	26.3
200	25.8
250	28.5
315	28.4
400	29.0
500	29.6
630	30.0
800	30.1
1000	29.8
1250	29.7
1600	30.6
2000	31.6
2500	32.1
3150	33.7
4000	36.9
5000	37.1



Test results for HALES SAWMILLS LTD - REFLECTIVE SOUND SCREEN, issued by:

University of Salford (Acoustics Test Laboratory)

UKAS accredited test laboratory No. 1262

Test reference number: AC09/215/06

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