

NOTES

Design of Screen is dependant on individual specifications and the drawing shown is for illustrative purposes only.

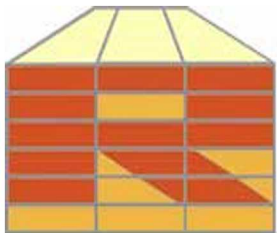
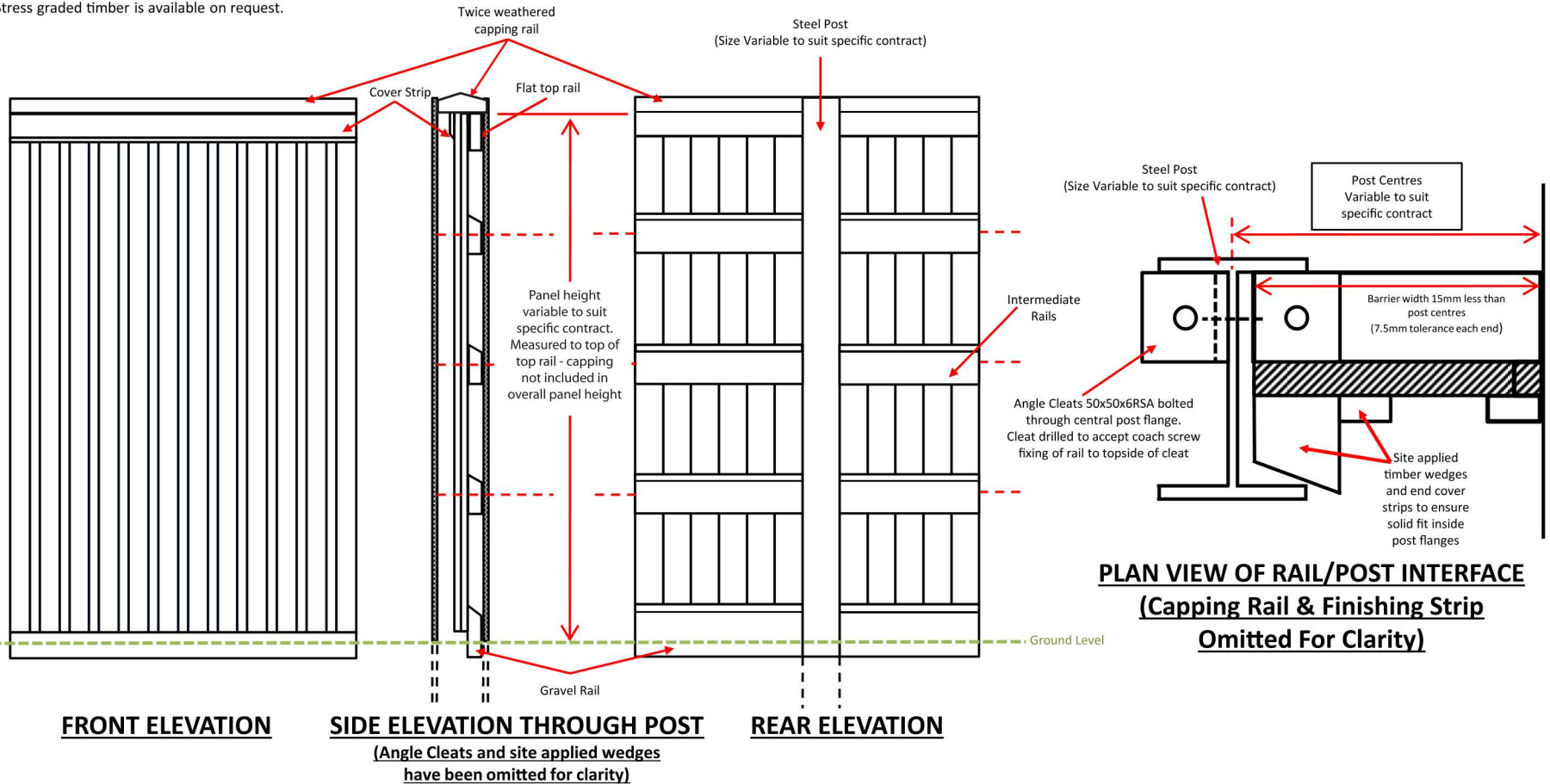
Posts are of steel construction – The exact design criteria for special structures should be specified by a professional designer and qualified for intended purpose by a structural engineer.

Stress graded timber is available on request.

NOISEWALL

IMPORTANT NOTE

Charles Ransford & Son Ltd are not attempting to pass off as designers and therefore do not take responsibility for any persons adopting this design as a structure without seeking professional advice first. Charles Ransford & Son Ltd are manufacturers and operate on the principle of supply what is ordered. It remains the clients responsibility to ensure the ordered materials are adequate and fit for purpose for the intended application



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NOISEWALL

Noisewall © Single Sided Reflective Timber
Sound Screen On Steel Section Posts
(for illustration purposes only)

This Drawing is the Property of Charles Ransford & Son Ltd And May Not Be Copied Or Reproduced In Any Way Without Prior Written Permission.

Scale: Not Applicable

Drawn: AE

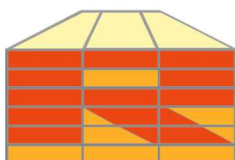
Date: 23/09/20

Checked: CL

Date: 26/09/20

Drawing No:

RANS/Noisewall©/Steelpost/002



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Issued by University of Salford (Acoustics Test Laboratory)
UKAS ACCREDITED TEST LABORATORY NO. 1262

BS EN 1793-2 : 1998

Acoustics - Road traffic noise reducing devices

Test method for determining the acoustic performance

Client: Charles Ransfords & Son Ltd
Station St
Bishop's Castle
Shropshire SY9 5AQ

Object: Noisewall® - Single Sided Reflective Barrier with Vertical Boards & Cover Strips

Source room:

Volume: 136m³

Condition: clean

Type: small reverberation room

Location: acoustic transmission suite

Receiving room:

Volume: 220m³

Condition: clean

Type: large reverberation room

Location: acoustic transmission suite

Temperature (°C): 21.1

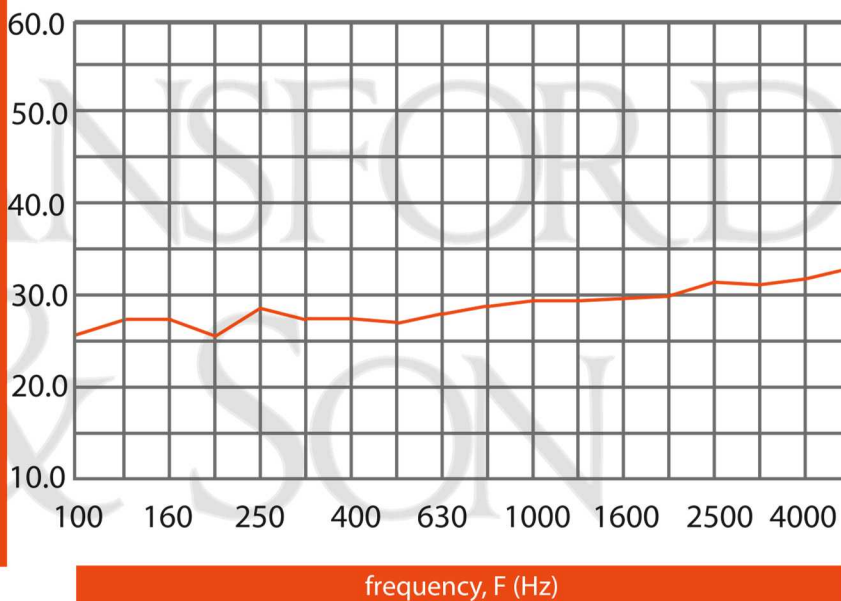
Humidity (%): 53.4

$DL_R = 29$

Category: B3

Frequency Hz	R
100	25.5
125	26.6
160	26.9
200	25.9
250	28.1
315	27.4
400	27.7
500	27.0
630	28.4
800	28.8
1000	29.1
1250	29.0
1600	29.4
2000	30.0
2500	32.1
3150	31.8
4000	32.6
5000	33.0

Sound reduction index, R (dB)



Test reference number: 44-18

Date: 17/06/10