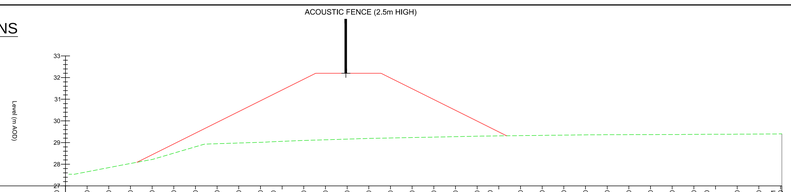
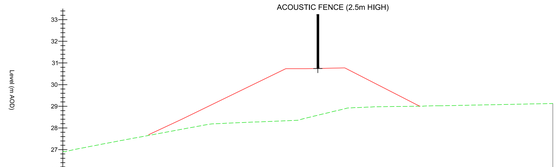
CROSS SECTIONS



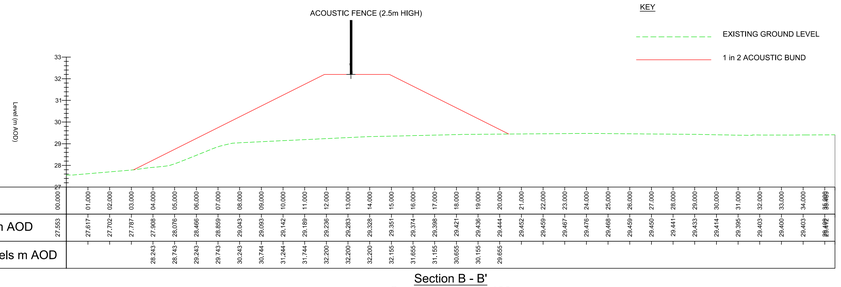
Chainage	00.000	01.000	02.000	03.000	04.000	05.000	06.000	07.000	08.000	09.000	10.000	11.000	12.000	13.000	14.000	15.000	16.000	17.000	18.000	19.000	20.000	21.000	22.000	23.000	24.000	25.000	26.000	27.000	28.000	29.000	30.000	31.000	32.000	33.000
Existing Ground Levels m AOD	27.651	27.844	28.034	28.219	28.401	28.580	28.757	28.934	29.107	29.272	29.428	29.577	29.720	29.858	29.991	30.120	30.245	30.366	30.483	30.597	30.708	30.815	30.919	31.020	31.118	31.213	31.305	31.394	31.480	31.563	31.643	31.720	31.794	31.865
1 in 2 Acoustic Bund Levels m AOD				28.439	28.607	28.805	29.006	29.204	29.406	29.604	29.802	30.000	30.198	30.396	30.594	30.792	30.990	31.188	31.386	31.584	31.782	31.980	32.178	32.376	32.574	32.772	32.970	33.168	33.366	33.564	33.762	33.960	34.158	34.356	34.554	34.752

Section A - A'
Scale H 1:100,V 1:100



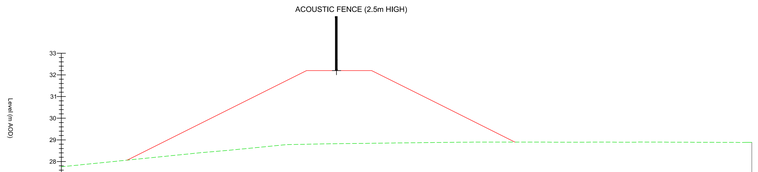
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Existing Ground Levels m AOD	26.915	27.095	27.289	27.477	27.693	27.848	28.034	28.649	29.135	29.622	28.237	28.193	28.237	28.278	28.319	28.396	28.644	28.584	28.658	28.985	28.997	29.022	29.035	29.055	29.078	29.096	29.115	29.135	29.155	29.175	29.195	29.215	29.235	29.255
1 in 2 Acoustic Bund Levels m AOD					27.709	28.173																												

Section D - D'
Scale H 1:100,V 1:100



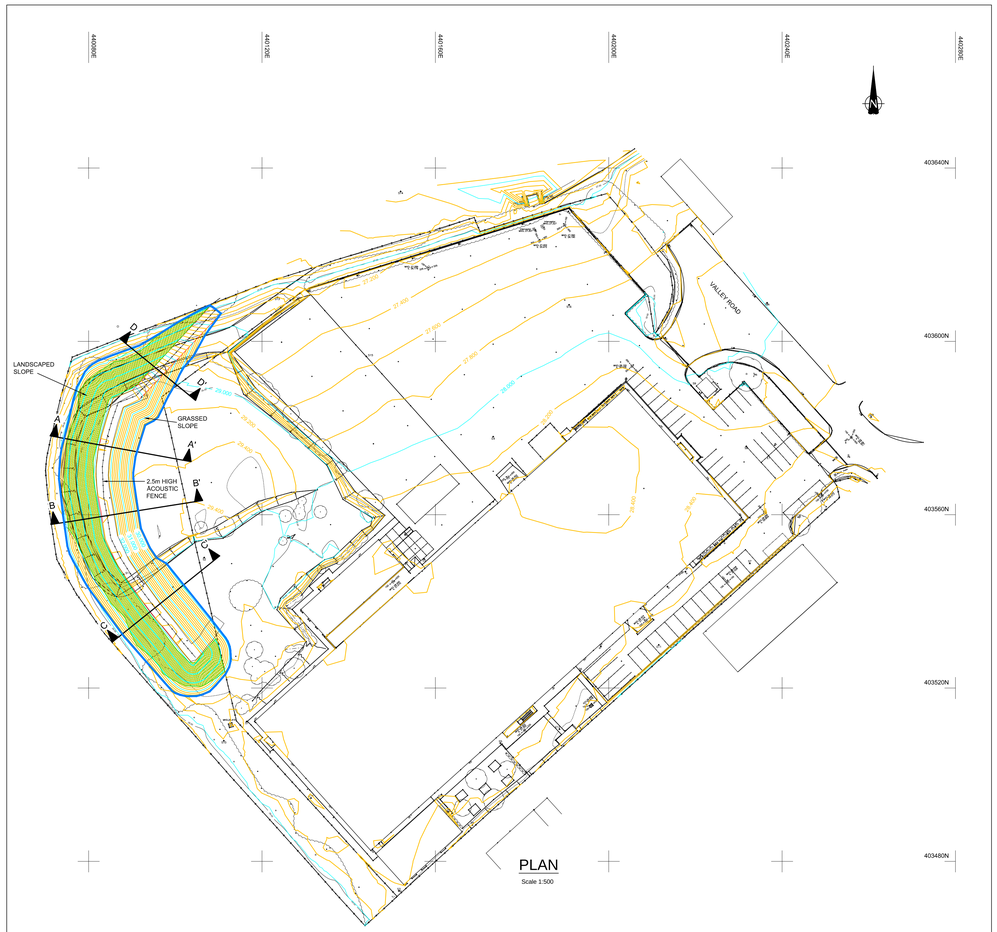
Chainage	00.000	01.000	02.000	03.000	04.000	05.000	06.000	07.000	08.000	09.000	10.000	11.000	12.000	13.000	14.000	15.000	16.000	17.000	18.000	19.000	20.000	21.000	22.000	23.000	24.000	25.000	26.000	27.000	28.000	29.000	30.000	31.000	32.000	33.000	34.000	34.400
Existing Ground Levels m AOD	27.555	27.617	27.702	27.787	27.908	28.076	28.466	28.659	28.943	29.093	29.142	29.189	29.236	29.283	29.328	29.351	29.374	29.396	29.421	29.436	29.444	29.452	29.459	29.467	29.476	29.468	29.459	29.445	29.444	29.433	29.414	29.395	29.403	29.400	29.403	29.406
1 in 2 Acoustic Bund Levels m AOD					28.243	28.743	29.243	29.743	30.243	30.744	31.244	31.744	32.200	32.200	32.200	32.105	31.655	31.155	30.655	30.155	29.655																	

Section B - B'
Scale H 1:100,V 1:100



Chainage	00.000	01.000	02.000	03.000	04.000	05.000	06.000	07.000	08.000	09.000	10.000	11.000	12.000	13.000	14.000	15.000	16.000	17.000	18.000	19.000	20.000	21.000	22.000	23.000	24.000	25.000	26.000	27.000	28.000	29.000	30.000	31.000	31.862
Existing Ground Levels m AOD	27.782	27.659	27.960	28.061	28.162	28.263	28.364	28.457	28.545	28.644	28.742	28.792	28.812	28.827	28.839	28.852	28.864	28.876	28.887	28.896	28.899	28.898	28.897	28.893	28.884	28.877	28.869	28.899	28.899	28.891	28.887	28.883	28.885
1 in 2 Acoustic Bund Levels m AOD					28.544	29.044	29.543	30.043	30.543	31.042	31.542	32.041	32.200	32.200	32.200	31.861	31.361	30.862	30.362	29.863	29.363														

Section C - C'
Scale H 1:100,V 1:100



PLAN
Scale 1:500

PLANTING SCHEDULE

Hawthorn scrub planting

Qty	Botanical Name	Height in cm	%mix	Spacing
350No.	Crataegus monogyna	60-90 (b/r)	55	2/m²
65No.	Corylus avellana	60-90 (b/r)	10	2/m²
30No.	Ilex aquifolium	30-45 (3ltr)	5	2/m²
160No.	Prunus spinosa	60-90 (b/r)	25	2/m²
30No.	Sorbus aucuparia	60-90 (b/r)	5	2/m²

Bare root whips to be planted at 1/m² to create a staggered planting matrix to create a mixed species screen to the proposed acoustic barrier. They will be arranged in a random planting scheme, but in same species groups of 5 to 15No. Planting would take place between November and March. All planting to be protected with rabbit proof spirals/200mm Ø tree guards, all fixed in place by 600mm long bamboo canes.

ACOUSITC FENCE DETAIL

DO NOT SCALE – IF IN DOUBT ASK

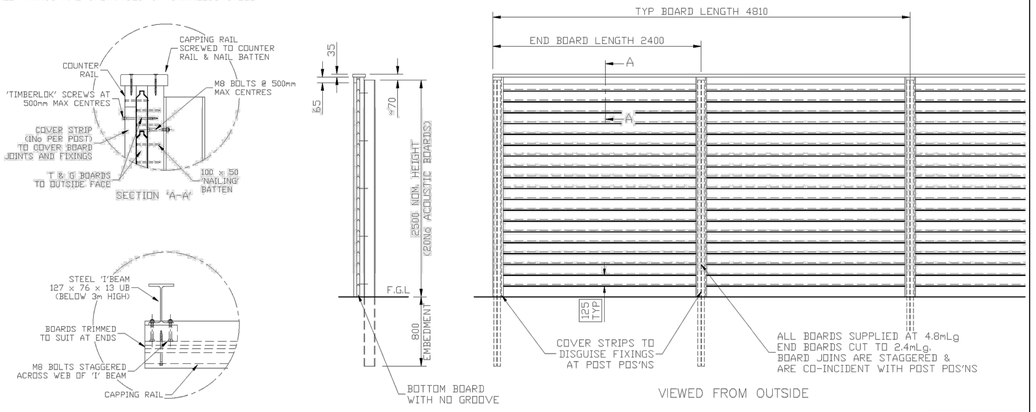
NOTES

MAT'L – STEEL POSTS
GALVANISED 127 x 76 x 13 UNIVERSAL BEAMS – SECTIONS VARY WITH HEIGHT

– TIMBER TREATED

ACOUSTIC BOTTOM BOARD	– 146 x 34 THK (125 Nom. FACE)
ACOUSTIC T&G BOARDS	– 146 x 34 THK (125 Nom. FACE)
TIMBER BATTEN	– 100 x 50 THK SAWN FINISH
CAPPING RAIL	– 145 x 34 THK PAR
COVER STRIP	– 125 x 34 THK PAR
COUNTER RAIL	– 70 x 34 THK PAR

ALL FIXINGS ARE GALVANISED OR STAINLESS STEEL



2.5m HIGH

4	05/02/13	Post Centres NOW 2410	Drawn	TITLE	FENCING SYSTEM – WITH CAPPING OPTION
3	06/01/10	bolt size	Date 11/06/07		
2	22/11/08	FIXINGS ALTERED	Checked	CUSTOMER	Drawing No. J7/01047
1	04/01/08	HEIGHTS SEPERATED	Size A3	Scale Approx. 1:25	ACK No. Sheet 1 – 2.5mH
0	11/06/07	ORIGINAL ISSUE			

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DO NOT SCALE FROM THIS DRAWING | A0

KEY
- LOCATION OF 2.5m HIGH ACOUSTIC FENCING (SEE DETAIL)
- PLANTED SECTION OF BUND (SEE PLANTING SCHEDULE)
- EXTENT OF NOISE BUND

NOTE:
THE ACOUSTIC BUND WILL BE CONSTRUCTED USING SITE WON MATERIAL IF POSSIBLE. THE MATERIAL WILL BE ENGINEERED TO PROVIDE LONG TERM STABILITY (MATERIAL AND SLOPE ANGLES SUBJECT TO FURTHER ASSESSMENT)

REVISION	DETAILS	DATE	DRAWN	CHK'D	APP'D
A	First Issue	29/05/15	SJB	CS	CS

CLIENT
Naylor Industries

PROJECT
Wombwell

DRAWING TITLE
Acoustic Barrier Detail

ORG No.	SCALE	DATE
ST14026-004	As Shown	22/05/2015
DRAWN BY: SJB	CHECKED BY: CS	APPROVED BY: CS

■ STOKE-ON-TRENT (HEAD OFFICE) TEL 0845 111 7777
□ NEWCASTLE UPON TYNE TEL 0191 232 0943
□ WEST BROMWICH TEL 0121 580 0909
□ LONDON TEL 020 7287 2872
□ CARDIFF TEL 029 2072 9191
□ LEEDS TEL 01943 280320
□ SHEFFIELD TEL 0114 245 6244
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