

Appendix A – Site Plan (SP1) – Location of Manual Monitoring Positions



Client Name : Mr Glenn Smith			
Project Title : Land East of Manor Trading Estate, Benfleet, Essex, SS7 4PS			
Drawing Name : Distances from Scrapyard Boundary			
Scale : 1:1250 @ A3	Drawn/Checked: ZAH/JRF	Status : Application	Rev: B
Date : 10 January 2023	Plot Date : 23 January 2023 15:45:00	Dwg No : 16.3839M009	



Manual Measurement Position 12/2/23

Note:
This plan shows the general position, not the exact line, of the boundaries. It may be subject to distortions in scale. Measurements scaled from this plan may not match measurements between the same points on the ground. Any discrepancies should be reported to Smart Planning Ltd.



B	23.01.23	Coordinates amended	ZAH
A	16.01.23	Coordinates amended	ZAH
No.	Date	Amendment	Initials



Head Office:
Old School House, Rattlesden,
Tunbridge Wells, Kent
TN11 7JL
Phone: 01892 424300
Email: enquiries@smartplanning.co.uk
Website: www.smartplanning.co.uk
Phone: 01892 424300

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Appendix B – Summary of Manual Measurements (12/2/23)

Equipment	Description	Quantity	Serial Number
Svantek 977	Class 1 automated logging sound level meter	1	69701
ACO Pacific 7052E	Class 1 ½" microphone	1	71699
Larson Davis CAL200	Class 1 Calibrator	1	20159

Table 1 – Description of Equipment used for Attended Noise Survey

1. The noise survey and measurements were conducted, wherever possible, in accordance with BS7445-1:2003 '*Description and measurement of environmental noise. Guide to quantities and procedures*'. Measurements were made generally in accordance with ISO 1996-2:2017 '*Acoustics – Description, measurement and assessment of environmental noise – Part 2: Determination of sound pressure levels*'.
2. Ambient, background and maximum noise levels (L_{Aeq} , L_{A10} , L_{A90} and L_{AmaxF} respectively) were measured throughout the noise survey in consecutive 15-minute periods.
3. Weather conditions were noted to be cold (approximately 8° Celsius), dry, with cloudy skies (approximately 100% cloud cover) and a still wind (approximately <5m/s).

	Ambient Noise Level $L_{Aeq,T}$	Maximum Noise Level $L_{Amax,F}$	Typical Background Noise Level $L_{A90,T}$
12/2/223 11:15-12:15	44 dB	64 dB	39 dB

Table 2 – Summary of noise manual measurement data

Summary of Dominant Noise Sources 12/2/23 – Position 1
Road traffic on nearby local network dominant, followed by birdsong (e.g. pigeons, rooks, gulls, small birds)
Aircraft regular both commercial and recreational audible
Dogs barking (generally from South-east direction, but at times to north and west of site as well)
Occasional Car horn on local road network
Motorbike/Car acceleration.
Occasional fast car on A127.

Table 3 – Summary of subjective comments of the manual measurements