

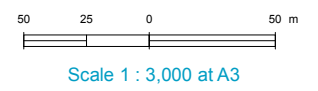
DRAFT FOR DISCUSSION

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- Key**
- Limits of Land
 - to be Acquired or Used
 - Local Authority Boundary
- Representative Receptor Locations:
- Receptor Type, Noise Significance (night)
- Residential, Not significant
 - Residential, Significant and not eligible for NI
 - Residential, Significant and potentially eligible for NI
 - Non-residential, N/A

Assessment period	
Weekday	2300 - 0700
Saturday	2300 - 0700
Sunday	2300 - 0700

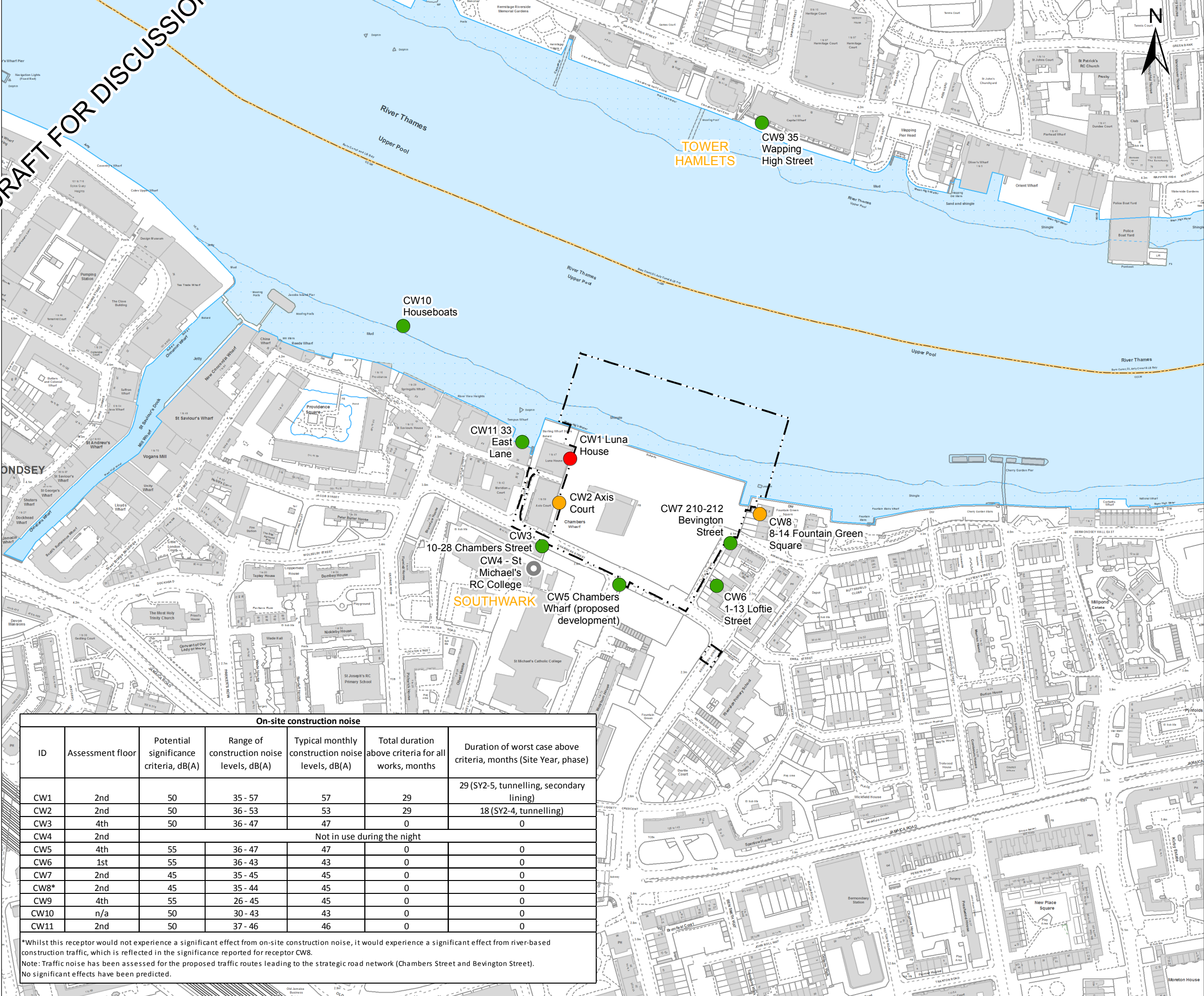


FOR INFORMATION

Location
Chambers Wharf
 London Borough of Southwark

Document Information
 Construction phase noise – summary of significant effects (night)
 Figure 3

1PL03-NV-00045
 11 Sep 2013



On-site construction noise						
ID	Assessment floor	Potential significance criteria, dB(A)	Range of construction noise levels, dB(A)	Typical monthly construction noise levels, dB(A)	Total duration above criteria for all works, months	Duration of worst case above criteria, months (Site Year, phase)
CW1	2nd	50	35 - 57	57	29	29 (SY2-5, tunnelling, secondary lining)
CW2	2nd	50	36 - 53	53	29	18 (SY2-4, tunnelling)
CW3	4th	50	36 - 47	47	0	0
CW4	2nd				Not in use during the night	
CW5	4th	55	36 - 47	47	0	0
CW6	1st	55	36 - 43	43	0	0
CW7	2nd	45	35 - 45	45	0	0
CW8*	2nd	45	35 - 44	45	0	0
CW9	4th	55	26 - 45	45	0	0
CW10	n/a	50	30 - 43	43	0	0
CW11	2nd	50	37 - 46	46	0	0

*Whilst this receptor would not experience a significant effect from on-site construction noise, it would experience a significant effect from river-based construction traffic, which is reflected in the significance reported for receptor CW8.
 Note: Traffic noise has been assessed for the proposed traffic routes leading to the strategic road network (Chambers Street and Bevington Street).
 No significant effects have been predicted.