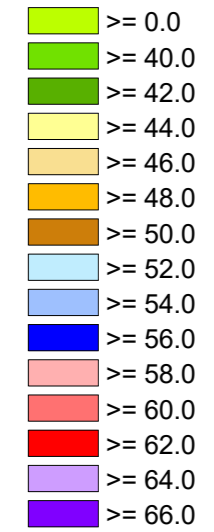




**Figure B12: Proposed Cricket Facility, Farington  
Typical Match up to 5000 Capacity**

Predicted LAeq,1hour dBA  
Typical Worst Case



**Notes:**

Typical Existing Daytime LAeq,t = 52dBA  
Typical Existing Daytime LA90 = 49dBA

Based on noise sources operating simultaneously all occurrences taking place during 1 hour assessment period however these may actually take place during different periods throughout the day resulting in lower levels than predicted.

See Appendix B for activity assumptions.



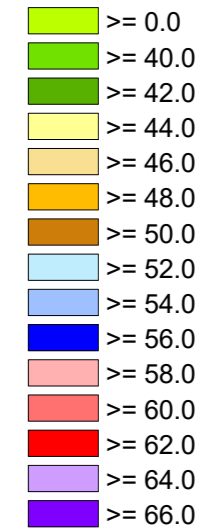
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www.redacoustics.co.uk  
t: 01772 722182 e: info@redacoustics.co.uk



**Figure B13: Proposed Cricket Facility, Farington**

**Typical Match up to 5000 Capacity**

Predicted LAeq,1hour dBA  
Typical Worst Case



**Notes:**

Typical Existing Daytime LAeq,t = 52dBA  
Typical Existing Daytime LA90 = 49dBA

Based on noise sources operating simultaneously all occurrences taking place during 1 hour assessment period however these may actually take place during different periods throughout the day resulting in lower levels than predicted.

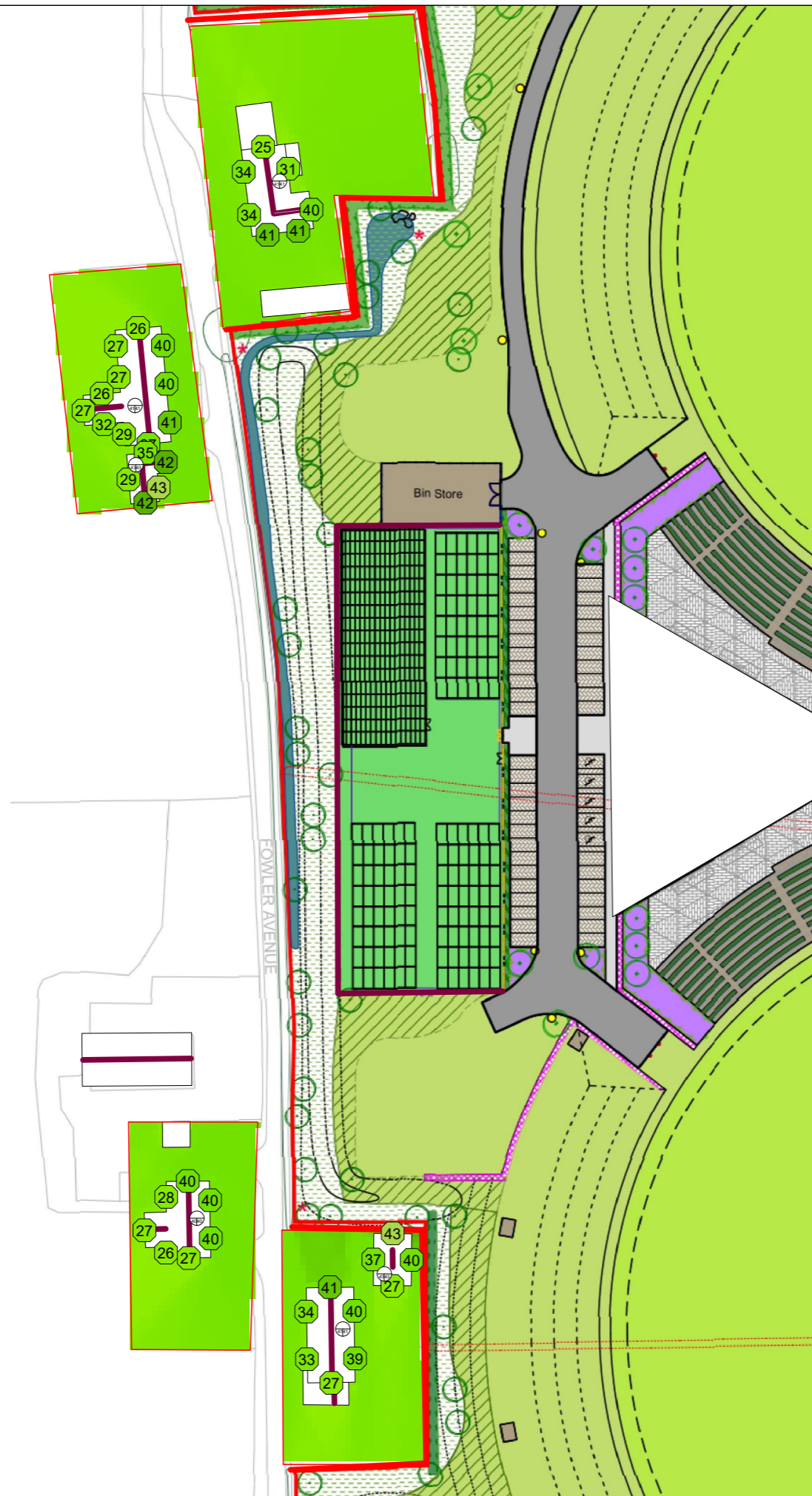
See Appendix B for activity assumptions.



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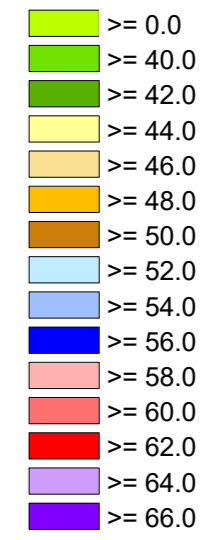
**U R B A N  
G R E E N**





**Figure B14: Proposed Cricket Facility, Farington**  
**Typical Operation of Cricket Nets**

Predicted LAeq, 1hour dBA  
 Typical Worst Case



**Notes:**

Typical Existing Daytime LAeq,t = 52dBA  
 Typical Existing Daytime LA90 = 49dBA

Based on all 12 nets operating simultaneously during 1 hour assessment period.  
 Fewer nets in use will result in lower levels than predicted. 5m Acoustic mitigation as proposed included in calculation.

See Appendix B for activity assumptions.



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 Unit 8 Cable Court, Pittman Way, Prestron PR2 9YW  
 www.redacoustics.co.uk  
 t: 01772 722182 e: info@redacoustics.co.uk

## APPENDIX C: CADNAA NOISE MODEL ASSUMPTIONS

Scenario	Noise Source												
	Ball Hits in Cricket Nets	Bowler Using Nets	Player / Bowler Talking With Raised Voice at the Nets	Ball Hits at The Crease	People on Pavillion Steps Talking with Normal Voice	People on Pavillion Steps Talking with Raised Voice	Calibrated Pre Match / Match Activity / Age Group Activity	PA Announcements	Pavilion	Pavilion car park	Main car park	Coaches to Service Entrance of Pavilion	Coaches Adjacent to the Main Car Park
Cricket Nets Only	Calibrated to measured level (Old Trafford Nets) x 12 nets	Calibrated to measured level (Old Trafford Nets) x 12 nets	12 Lanes Raised voice talking 5 minutes per hour. (Occasional raised voices)	-	-	-	-	-	-	-	-	-	-
Normal Day with Cricket Nets & Pitches (Age Group)	Calibrated to measured level (Old Trafford Nets) x 12 nets	Calibrated to measured level (Old Trafford Nets) x 12 nets	12 Lanes Raised voice talking 5 minutes per hour. (Occasional raised voices)	Pitch 1 & 2 2 Smaller pitches in each large pitch 1 hit per minute at each crease total 4 hits per minute	40 People talking with normal voice 15 minutes per hour each	10 People talking with raised voice 5 minutes per hour each (Occasional raised voices)	Activity noise of both pitches occupied with youth teams and staff (based on library source data for sports pitch activity excluding ball noise)	-	-	25 cars arriving & departing per one hour assessment period including door slams	50 cars arriving & departing per one hour assessment period including door slams	-	-
Match Day (Pre-Match)	-	-	-	(Already included in pre-match calibration level)	-	-	Spectators arriving and talking Players using practice nets on pitch	One announcement every 10 minutes	Internal noise level of 79dB LAeq (library data for food service and busy restaurant) with break-out through glazed walls and roof construction	50 cars arriving per one hour assessment period including door slams	300 cars arriving per one hour assessment period including door slams	4 Player Coaches arriving & departing per one hour assessment period	4 Spectator Coaches entering and leaving per one hour assessment period

Scenario	Noise Source												
	Ball Hits in Cricket Nets	Bowler Using Nets	Player / Bowler Talking With Raised Voice at the Nets	Ball Hits at The Crease	People on Pavillion Steps Talking with Normal Voice	People on Pavillion Steps Talking with Raised Voice	Calibrated Pre Match / Match Activity / Age Group Activity	PA Announcements	Pavilion	Pavilion car park	Main car park	Coaches to Service Entrance of Pavilion	Coaches Adjacent to the Main Car Park
Match Playing on Pitch 1	-	-	-	(Already included in match calibration level)	-	-	Spectators talking and applause. Game play including ball hits and players communicating	One announcement every 10 minutes	Internal noise level of 79dB LAeq (library data for food service and busy restaurant) with break-out through glazed walls and roof construction	-	-	-	-