



QuadGuard System Final Inspection Checklist

Version 1.0 (April 2011)

- Use the checklist below to confirm that all of the installation steps have been completed

Site Location:		
Installed by:	Print Name: Signature:	Date:
Inspected by:	Print Name: Signature:	Date:

Type of Foundation	Checks required:	Checked?
Concrete Footing (203mm deep)	Min: 28MPa Concrete (optional reo) Min: 203mm deep Min: 1220mm wide Anchoring: MP-3 epoxy with 180mm all-threads, embedded 140mm.	
Concrete Footing (150mm deep with deadman anchor block)	Min: 28MPa Concrete (reinforced) Min: 150mm deep Min: 1220mm wide Anchoring: MP-3 epoxy with 180mm all-threads, embedded 140mm	
Asphalt only	Min: 200mm Asphalt depth Anchoring: Masonry Epoxy with 460mm all-threads with 420mm embedment	
Asphalt over Concrete	Min: 75mm Asphalt depth Min: 75mm Concrete depth Anchoring: Masonry Epoxy with 460mm all-threads with 420mm embedment	
Asphalt over Compacted Sub-base:	Min: 150mm Asphalt depth Min: 75mm Concrete depth Anchoring: Masonry Epoxy with 460mm all-threads with 420mm embedment	

IMPORTANT: Correct Torque requirements and hardening times for all of the above foundations are found in the QuadGuard Installation Manual.



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Check Required:	Correct / Action Required:
<p>Anchors: Every anchor hole on Monorail or CZ anchoring plate has an anchor present. CZ plates have options for locations.</p>	
<p>Curbs: 1)- All curbs up to 15m in front of the nose of the QuadGuard have been removed, OR 2)- All curbs up to 15m in front of the QuadGuard and extending rearward as far as the QuadGuard's Back-Up are 100mm or under and are mountable. NOTE (1): The 100mm is taken from finished road height NOTE (2): This kerbing required for all crash cushions worldwide, not just QuadGuard systems. Source: AASHTO Road Design Guide, 2002. Section 8.5 'Placement Recommendations'.</p>	
<p>Cross Slope: The QuadGuard is installed so that a cross-slope equal to or less than 8% or 5 degrees exists.</p>	
<p>Energy Absorbing Cartridges: All Cartridges are installed with arrows pointing to the nose of the QuadGuard. Type 1 cartridges should be to the front, and Type 2 cartridges should be at the rear of the system.</p>	
<p>Rear Fender Panel Clearance: Confirm that both rear fender panels can slide directly rearwards 762mm without contacting anything</p>	
<p>Transitions: If the site has reverse direction traffic present, confirm that a transition is fitted to the rear of the QuadGuard on this side</p>	
<p>Portable Concrete Barriers (Temporary Locations): If the QuadGuard is shielding portable concrete barriers, the first concrete barrier behind the QuadGuard must be anchored with (6x) PCMB anchors, as shown in the QuadGuard Product Manual</p>	