

SoftStop Installation Checklist - Driven Posts

Customer: _____

Project: _____

Barrier ID: _____

Terminal Type: MASH TL2 MASH TL3

Checked By: _____

Signed: _____

Date: _____

1. Is the assembled Anchor post installed in the correct orientation with the sloped side facing the terminal and within tolerance (102 +0/-6 mm measured from ground level to the top of the Anchor Angles)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2. Is Anchor Keeper Plate installed in correct configuration on Anchor post (Step 11)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
3. Have Anchor post Angles been correctly bolted to the Anchor post (Step 12)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4. Is the Ground Strut bolted to the Anchor post and post 1 (Step 12)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
5. The SoftStop head is bolted to post 1 (Step 9)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
6. Are SYT posts positioned at locations 1 & 2, with yield holes approximately centred at finished grade line	<input type="checkbox"/> Yes	<input type="checkbox"/> No
7. Are posts 2 through 8 at the correct height of 813mm ±20mm above ground level	<input type="checkbox"/> Yes	<input type="checkbox"/> No
8. Are the rails secured to posts 3 through 8 (posts 3 through 5 for the TL2 configuration)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
9. Ensure first rail is NOT secured to post at location 2	<input type="checkbox"/> Yes	<input type="checkbox"/> No
10. Have the rails been joined with M16x32mm splice head bolts	<input type="checkbox"/> Yes	<input type="checkbox"/> No
11. Are all splice bolts, post bolts and other fasteners snug tight	<input type="checkbox"/> Yes	<input type="checkbox"/> No
12. Do the standard W-Beam rails form a smooth line vertically and horizontally when viewed along the system, with no curved rails	<input type="checkbox"/> Yes	<input type="checkbox"/> No
13. Is all back-filled material around each post suitably compacted	<input type="checkbox"/> Yes	<input type="checkbox"/> No
14. Is the area below the guardrails free from hazards so that the SoftStop head can travel freely upon impact	<input type="checkbox"/> Yes	<input type="checkbox"/> No
15. Ensure any minor damage been repaired using two coats of an organic zinc rich paint	<input type="checkbox"/> Yes	<input type="checkbox"/> No
16. When installed on a flare, ensure flare rate is no greater than 1:25 (610mm offset from straight barrier over full length for TL3 configuration, 305mm for TL2 configuration)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
17. Ensure SoftStop impact head has no more than 89mm of upward tilt, measured over length of impact head (points A & B - refer to Figure 12, page 15).	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Disclaimer:

Important Note: The conformity of the installation is the responsibility of the installation contractor, and Ingal Civil Products accepts no liability for or in connection with any installation that is outside of the specifications of this manual or the Road Controlling Authority. For more information, please refer to our Standard Terms and Conditions of Sale available on our website: www.ingalcivil.co.nz.