

SoftStop

Guardrail End Terminal

SoftStop Installation Checklist

Customer: _____

Project: _____

Barrier ID: _____

Terminal Type: MASH TL2 MASH TL3

Checked By: _____

Signed: _____

Date: _____

Is the assembled Anchor post installed in the correct orientation with the sloped side facing the terminal and within tolerance (102 +0/-6 mm)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Is Anchor Keeper Plate installed in correct configuration on Anchor post (Detail A on drawing SS-STD-001)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Have Anchor post Angles been correctly bolted to the Anchor post (Detail A on drawing SS-STD-001)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Is the Ground Strut bolted to the Anchor post and post 1 (Detail B on drawing SSSTD-001)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
The SoftStop head is bolted to post 1 (as per Detail D on drawing SS-STD-001)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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
Are posts 2 through 8 at the correct height of 813mm ±20mm above ground level	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Are the rails secured to posts 3 through 8 (posts 3 and 4 for the TL2 configuration)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Ensure first rail is NOT secured to post at location 2	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Have the rails been joined with M16x32mm splice head bolts	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Are all splice bolts, post bolts and other fasteners snug tight	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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
Is all back-filled material around each post suitably compacted	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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
Ensure any minor damage been repaired using two coats of an organic zinc rich paint	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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
Ensure SoftStop impact head has no more than 58mm of upward tilt, measured over length of impact head (refer Note 5 on drawing SS-STD-001)	<input type="checkbox"/> Yes	<input type="checkbox"/> No