



# X-350 Bolt Down End Terminal

## Installation Checklist

Checklist	Y	N
Terminal is not flared, installed tangent only		
Foundation pad concrete Grade 28Mpa and poured on to compacted gravel base Foundation pad reinforcement M665 Mesh		
Epoxied threaded socket installed as per drawing FX150-7 Posts to sit on top of foundation pad, no grout used All M20 x 130mm set-bolts to be installed tight into threaded sockets		
Ground strut is flush to ground surface Bolted to post # 1 at base of post		
Impact head has rail bolted with all 8 nuts on the face of the rail		
Post # 2 is a steel I beam breakaway (weakened) as per drawing FX657 with Blockout Post # 3 is not bolted to rail Post # 3 to 6 are steel I beam line posts (not weakened) as per drawing FX658 with blockouts		
Slider panel is attached to rail # 1 with all four nuts on the face of rail Slider bracket is attached to rail # 2 with all four nuts inside the rail		
Angle bar is bolted to the slider bracket with the flat section facing post # 3 at the impact head side The gap between the angle bar and the slider is a minimum of 25mm and a maximum 70mm Cables are tensioned up "taut" with no visible sag over the 11.4m span and nuts at both ends have full purchase on thread, with two threads showing Only tension the cables after the locking bar is fully engaged in the slot		
8 x yellow shear bolts are bolted at rail # 2 and # 3 with the spacers washers between the nut and rail		
Guardrail height is 550mm from the finished road surface to the centre of the rail		
Project/Job number:		
Location:		
Client/Asset Owner:		
Principal Contractor:		
Installer:		
Installed by:	Date:	
Inspected by:	Date:	

More information on **X-350 Bolt Down End Terminal** can be found at [www.csppacific.co.nz](http://www.csppacific.co.nz) or call **0800 655 200**

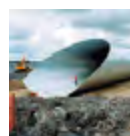
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