

3M ROOFSAFE™ Surface Mounted Cable Static Line

3M RoofSafe™ Cable static line is a modular surface mounted fall arrest cable system with built in Spiratech energy absorbers at every connection to the roof.

The 3M RoofSafe™ Cable system is designed for continuous hands free operation and can be laid out in many different configurations to suit different building types and shapes.

HOW IT IS USED

3M RoofSafe™ Cable Static Line is designed to be installed to building roofs.

The system is typically used where the Operative is required to move laterally over significant distance whilst staying connected.

The system provides fall protection for Operatives doing a range of activities including roof wash downs, installing & maintaining HVAC air conditioning units, general maintenance or gutter cleaning.

The Fall arrest system is designed to support and hold a person in the event of a fall.



HOW IT WORKS

In the event of a fall, the anchor breaks open, deploying the unique and patented Force Management Technology absorbing system which reduces the forces generated on the roof structure to less than 610 kg. (6kN). In the unlikely event that

the anchor is deployed, it is possible to remove the module and replace it with a new one.

3M RoofSafe™ Cable requires less experience compared to single anchor points making it one of the safest systems to use.





PERFORMANCE

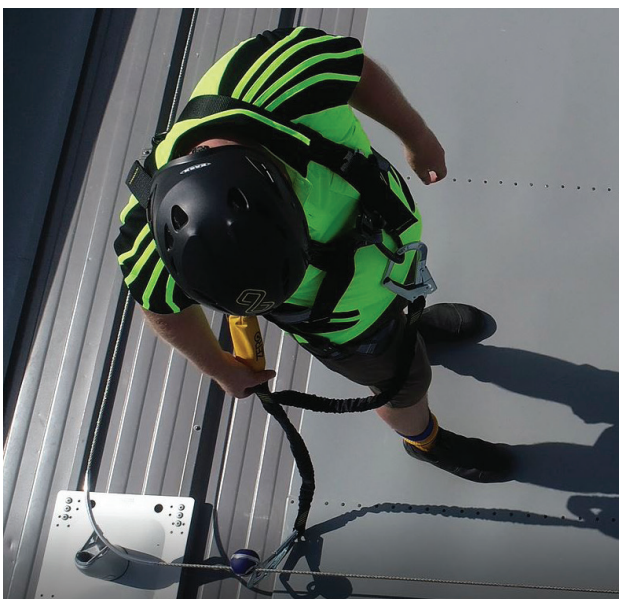
Conforms to AS/NZS 1891.2:2001 - Industrial fall-arrest systems and devices - Horizontal lifeline and rail systems safety standards, AS/NZS 1891.4:2009 - industrial fall-arrest systems and devices - Selection, use and maintenance, designed for and tested on most roof types, has been designed to withstand a 15kN load.

INSTALLATION

Installation must be carried out by an Accredited 3M Fall Protection Certified Technician, and in accordance with the manufacturer's installation instructions for service mounted systems. Metal roofs must have a minimum BMT of 0.42mm, aluminium roofs must have a minimum BMT of 0.90mm.

MAINTENANCE

As per AS/NZS 1891.4 roofsafe cable must be certified every 12 months by an Accredited 3M Fall Protection Certification technician. All of the exposed materials in the system have specified as naturally corrosion resistant, or have been coated with sacrificial coatings to prevent oxidation of the base material. It is important to consider that in some environments the system may need to be cleaned to gain the best possible life expectancy from the materials.



WARRANTY

3M RoofSafe™ Surface Mounted Cable Static Line system has a product warranty of 10 years from the date of installation. The warranty is invalidated if inspections are not maintained every 12 months by an Accredited 3M Fall Protection Certification Technician.

ENVIRONMENTAL

PBI Height Safety is committed to reducing its impact on the environment.

We will strive to improve our environmental performance over time and to initiate additional projects and activities that will further reduce our impacts on the environment.

Our commitment to the environment extends to our customers, our staff, and the community in which we operate. We are committed to supplying products with primary components made of recyclable material and is supplied with minimum packaging to retain its structure and integrity during transit.

We will continually measure our environmental impacts and aim to reduce these impacts.



© Copyright PBI Hight Safety Limited			
Under Copyright law, no part of this document may be reproduced in any form, without prior written permission of PBI.			
REVISION HISTORY			
REV	DESCRIPTION	DRAWN	DATE
A	FIRST ISSUE	ML	11/09/20

This product is designed, used, installed and maintained in

Recorded only. The manufacturer's record card with supporting technical information and additional conditions. Cable system have been installed to comply with AS/NZS 11891.2. This cable system is suitable for 2 persons for FALL ARREST ONLY. Refer to P51. Reading instruction manual prior to use is essential. To be installed by accredited person. Annual inspection & re-certification is required as per AS/NZS 11891.4:2009.

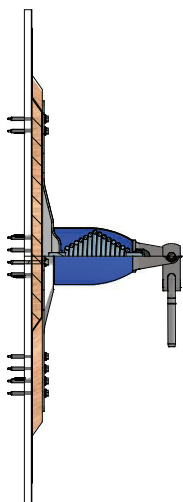
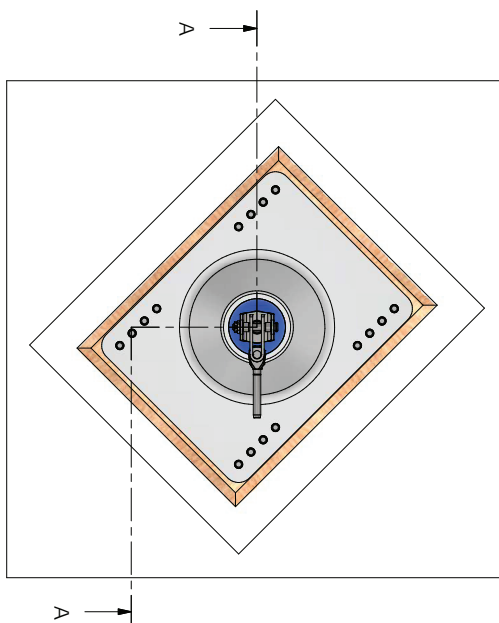
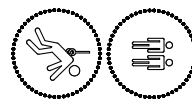


10 Holt Place
Harewood
Christchurch 8053
New Zealand
PB1 Height Safety Limited
Free Phone: 0800 357 003
P: 0800 357 0093
pbheightsafety.com

PO Box 39048
Harewood
Christchurch 8454
New Zealand

15

TECHNICAL DRAWING – 3M RoofSafe™ Cable Plywood Plinth to Membrane on Plywood



SECTION A-A
SCALE 1:7.5

PARTS LIST		
ITEM	QTY	DESCRIPTION
1	400107	PBI PLINTH PACK - SCREW
2	400007	RSC Screw End No Tensioner

© Copyright PBI Height Safety Limited

Under Copyright© law, no part of this document may be reproduced in any form, without prior written permission of PBI.

REVISION HISTORY			
REV	DESCRIPTION	DRAWN	DATE
A	FIRST ISSUE	MIL	

NOTE: This product is designed, used, installed and maintained in accordance with supporting technical information and additional conditions. Cable System have been installed to comply with AS/NZS 1891.2. This Cable System is suitable for 2 persons for FALL ARREST ONLY. Refer to P51. Reading instruction manual prior to use is essential. To be installed by accredited person. Annual inspection & re-certification is required as per AS/NZS 1891.4:2009.



10 Hot Place
Harewood
Christchurch 8053
New Zealand
PBI Height Safety Limited
Free Phone: 0800 357 003
P: 0800 357 0093
pbheightsafety.com

PO Box 39048
Harewood
Christchurch 845
New Zealand

Client:

Description:
Roofsafe Cable on Plinth to
Membrane on Plywood

Project Number

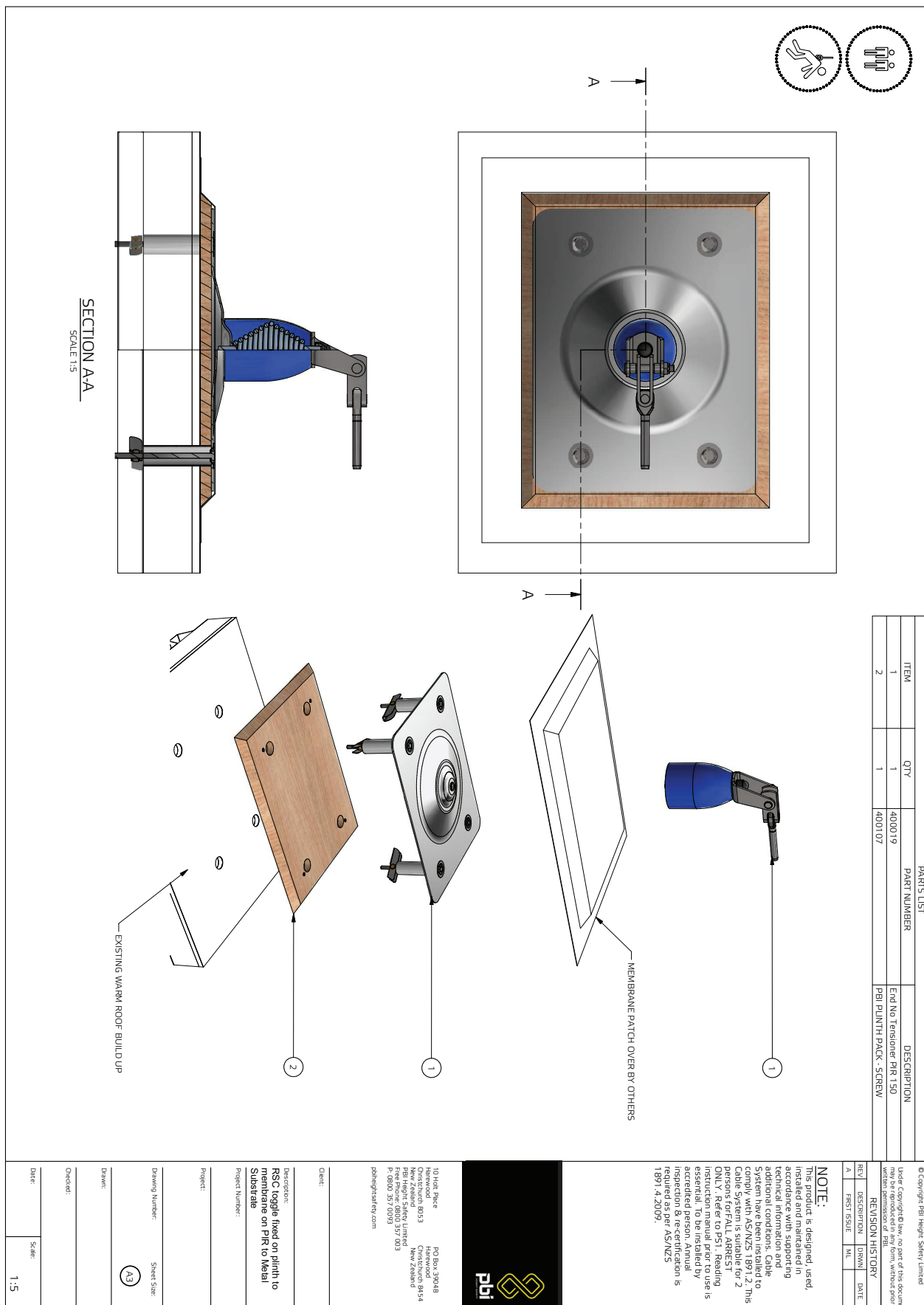
Project

Drawing Number: Sheet Size:

Check

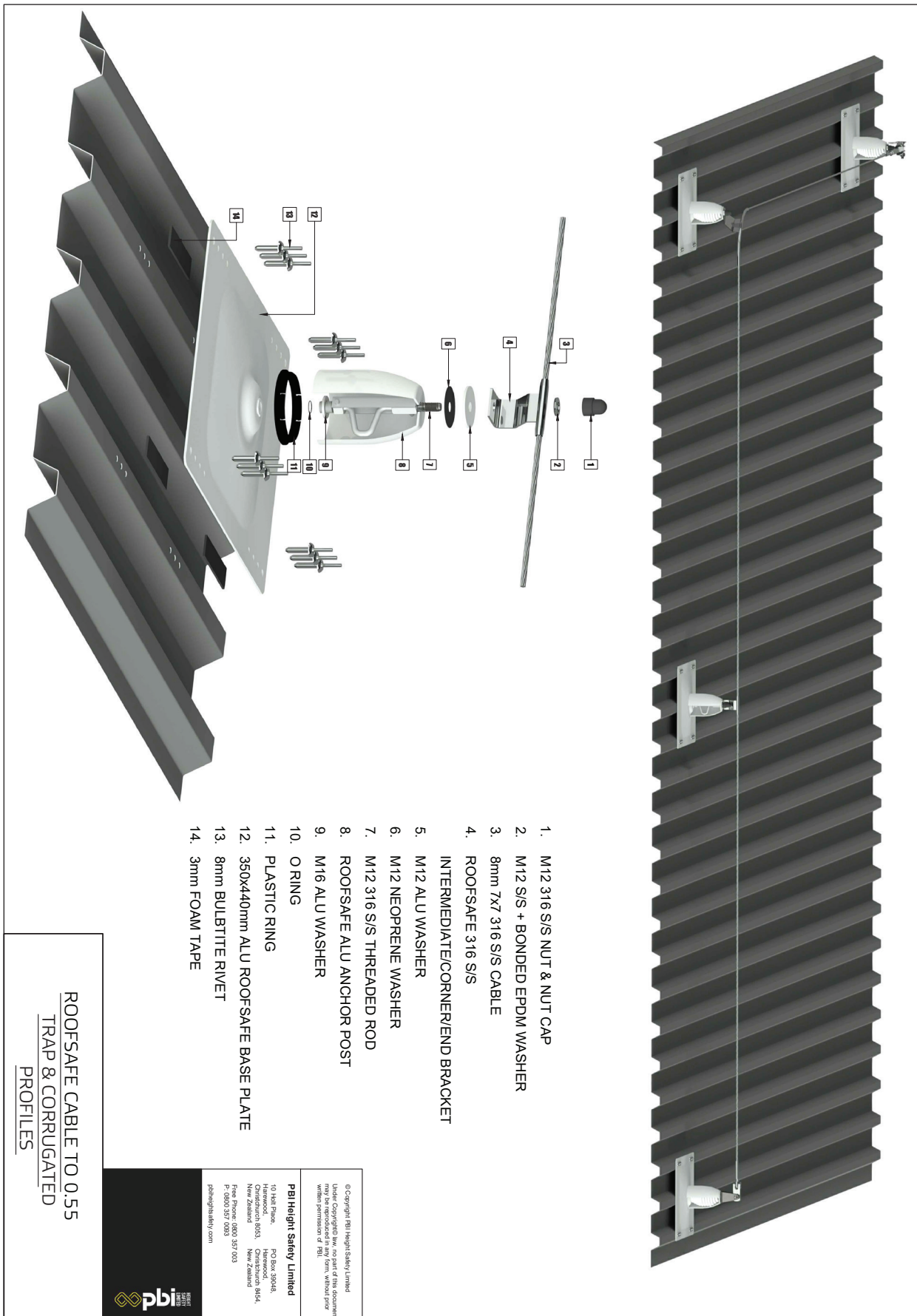
	1:7.5
--	-------

TECHNICAL DRAWING – 3M RoofSafe™ Cable Toggle fixed on Ply Plinth to Membrane on PIR on Metal Tray Substrate





TECHNICAL DRAWING – 3M RoofSafe™ Cable to min 0.55mm trap & corrugated profiles



PBI HEIGHT SAFETY

NEW ZEALAND OFFICES



CHRISTCHURCH

10 Holt Place
Harewood
Christchurch 8053

AUCKLAND

D23 / 930 Great South Road
Penrose
Auckland 1061

info@pbiheightsafety.com



TECHNICAL DRAWINGS KEY



Rate to
15kN



Person
Capacity



Abseil



Fall Arrest



Restraint
Technique