

## ACP Sentry Barrier W Beam System

The **ACP Sentry Barrier W Beam System** is a roadside **MASH TL-3** rated W-beam guardrail system suitable for containing, redirecting and shielding vehicles from roadside obstacles.

**MASH** is the highest crash testing performance criteria, exceeding the requirements of NCHRP 350 TL-3 and is currently the basis performance criteria in Australia for newly developed systems.



### Advantages

- > Designed and Made in Australia
- > MASH TL-2 and TL-3 Tested
- > Semi-flexible roadside barrier
- > No block out and stiffener required
- > Single bolt for rail to post connection
- > Narrower footprint over public systems
- > Familiar C-Post only smaller profile
- > Minimal parts for an easy repair
- > Rail sits higher than post for increased safety and performance
- > 800mm from surface to top of rail allows for future pavement overlays

### Specifications

- |                                                                          |             |
|--------------------------------------------------------------------------|-------------|
| > System Width                                                           | 200 mm      |
| > Height to top of rail                                                  | 800 mm      |
| > Height to top of post                                                  | 790 mm      |
| > Post Weight                                                            | 13.7 kg     |
| > Post Length                                                            | 1.64 m      |
| > Post spacing                                                           | 2.00 m      |
| > MASH TL-3 Deflection (1100kg @ 25 degrees)                             | 1.02 m      |
| > MASH TL-3 Deflection (2270kg @ 25 degrees)                             | 1.59 m      |
| > Minimum length of barrier between terminals                            | 30 m        |
| > Maximum slope behind barrier when setback 0mm to batter hinge point*   | 3H:1V Slope |
| > Maximum slope behind barrier when setback 200mm to batter hinge point* | 2H:1V Slope |

\*Contact ACP for further information and instruction

### Manufacturers of Road Safety Barriers | Australian Construction Products Pty Limited

**New South Wales**  
Sydney 02 8708 4400

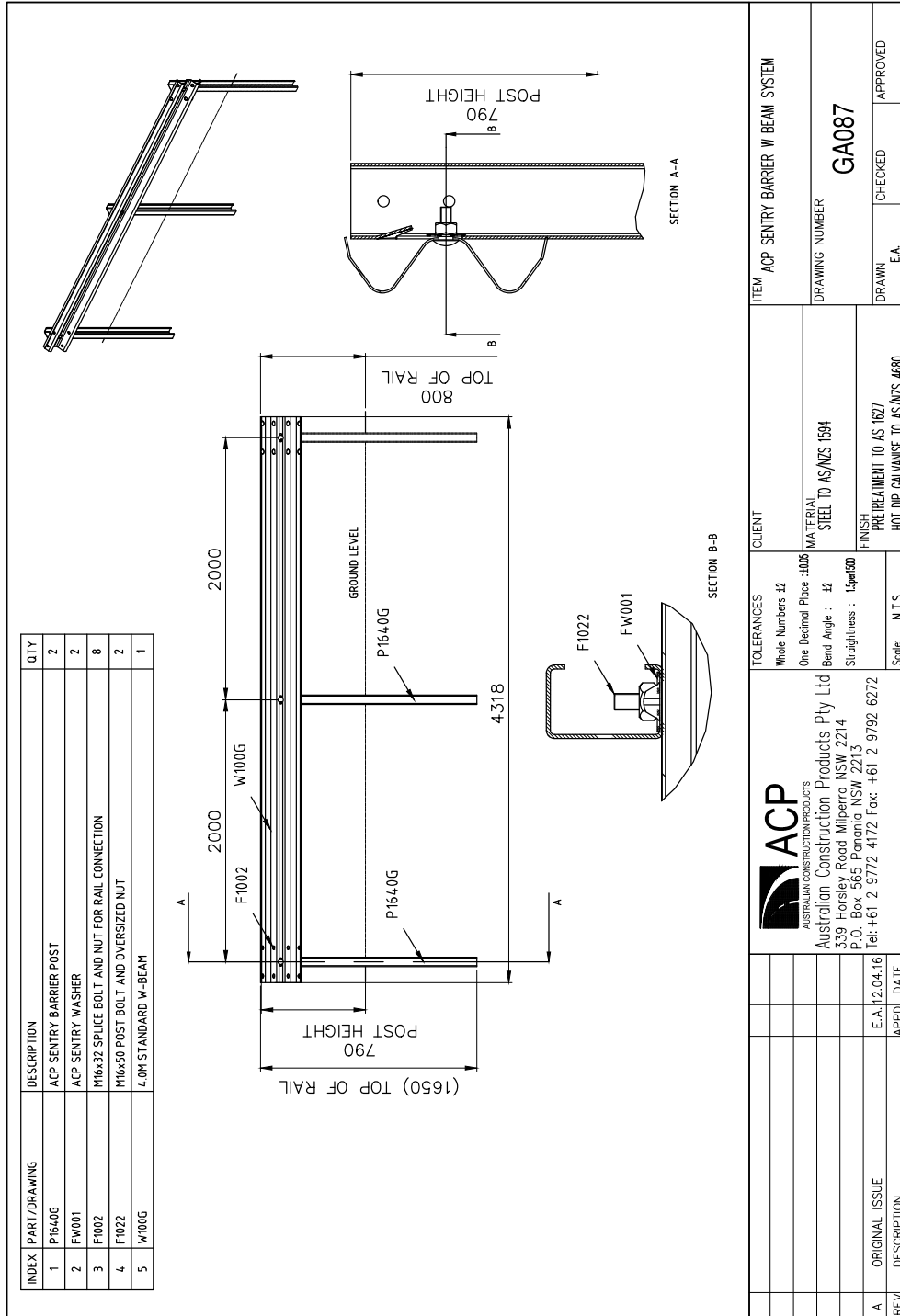
**Victoria**  
Melbourne 03 8773 5301

**Queensland**  
Brisbane 07 3442 6200

**Western Australia**  
Perth 02 8708 4400

[www.acprod.com.au](http://www.acprod.com.au)

# ACP Sentry Barrier W Beam System



Contact ACP for more information on this or other road safety products

**Manufacturers of Road Safety Barriers | Australian Construction Products Pty Limited**

**New South Wales**  
Sydney 02 8708 4400

**Victoria**  
Melbourne 03 8773 5301

**Queensland**  
Brisbane 07 3442 6200

**Western Australia**  
Perth 02 8708 4400

[www.acprod.com.au](http://www.acprod.com.au)