

POST SIZES

TERRAIN CATEGORY	SHS POSTS ONLY CAST IN		
	1200	1500	1800
1.5	50x3.0 SHS	65x2.5 SHS	75x3.0 SHS
2	50x2.0 SHS	65x2.0 SHS	65x3.0 SHS
2.5	50x2.0 SHS	65x2.0 SHS	65x2.5 SHS
3	50x2.0 SHS	50x3.0 SHS	65x2.5 SHS

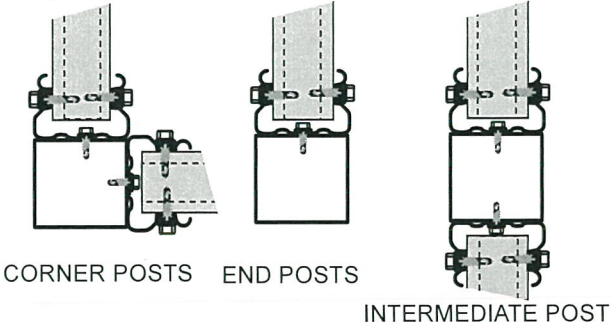
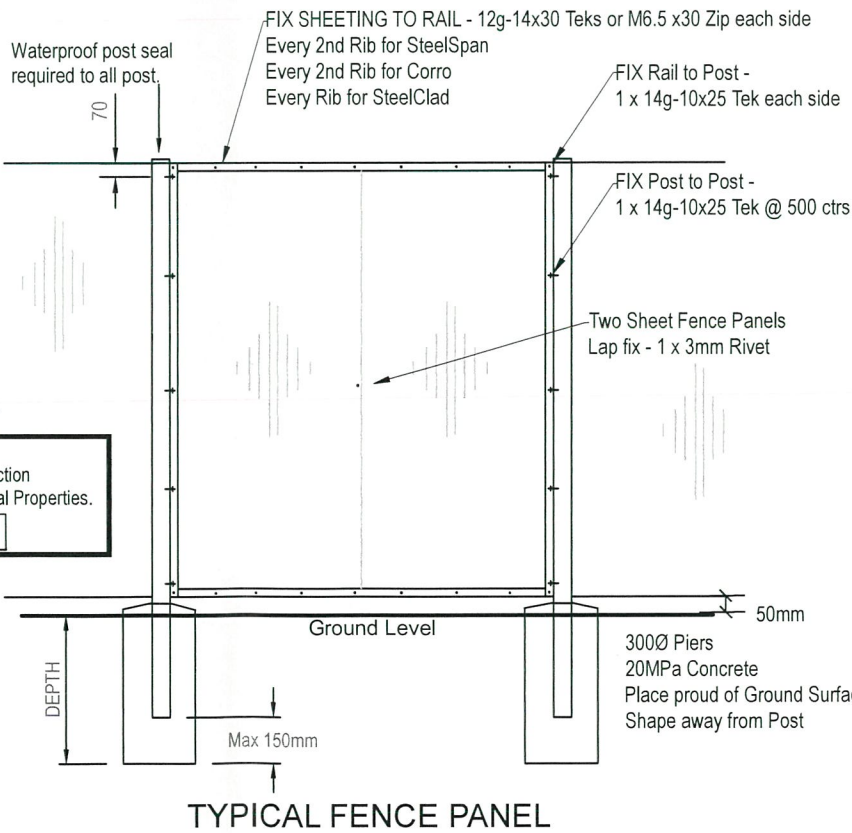


TABLE 2 - Sheetting Types Allowed

TERRAIN CATEGORY	CORRO AND STEELCLAD 0.35mm			STEELSPAN 0.35mm		
	1200	1500	1800	1200	1500	1800
1.5	YES	YES	YES	YES	YES	YES
2	YES	YES	YES	YES	YES	YES
2.5	YES	YES	YES	YES	YES	YES
3	YES	YES	YES	YES	YES	YES

FOOTING DEPTHS

TERRAIN CATEGORY	SOIL TYPE	FENCE HEIGHT "H"		
		1200	1500	1800
1.5	SANDY CLAY	700	850	950
	CLAY	700	750	800
2	SANDY CLAY	700	750	850
	CLAY	650	700	750
2.5	SANDY CLAY	700	700	750
	CLAY	600	650	700
3	SANDY CLAY	700	650	750
	CLAY	600	650	700



Product Name
Steeline Steel Panel Fencing in Shielded Zones

Product Description
Steeline Metal Fencing

Manufacturer's Name
GENERAL ROOFING PRODUCTS PTY LTD
24 Pruen Road, Berrimah, NT, 0828

- DESIGN CRITERIA
- Wind speeds, pressures etc, have been determined in accordance with AS/NZ1170.2-2011, SAA Loading Code, Part 2:Wind Loads.
 - Shielding - Partial Shielding Ms = 0.9 for TC Cat 1.5 and 2
Ms = 0.85 for TC Cat 2.5 and 3
 - Topography - Flat - Mt = 1.0
 - Importance level - 1 Annual probability of exceedance 1:200
 - Basic Regional Wind Velocity VR = 64m/sec
 - Typical Pressure Coefficient Cpn = 1.2
 - Pressure Coefficient 2H from Free Ends Cpn = 2.4
 - Top of Footing to be shaped to drain water away from post

- Limitations
- All SHS posts shall be galvanised 350MPa grade steel
 - All folded rails and posts shall be 0.8mm G550 grade steel
 - All sheeting shall be 0.42mm TCT steel coil of 550MPa or 0.35 BMT
 - All fixings shall be a minimum class 4 corrosion protection
 - Limited to firm solid ground as per table. Any doubt, refer to a qualified person
 - 250KPa Bearing capacity required at the base of the footing
 - Piers drilled into firm natural soil. Concrete strength 20MPa

Accepted for Inclusion

DTCM ref: M/579/01

Chairman's Signature:

Chairman's Name: Paul Nauland

Date of Approval: 24-04-2019 Expiry Date: 24-04-2024

Test Report - Load Testing of Fencing Panels , Test Report from Blanmore No 220/18 Dated April 2018
- Structural testing of Steeline SteelClad Profile Fence Panel, SECA Engineering Report # 18108
Dated 26 Sept 2018

**Checking Engineers Certification
Name: Wisnu Lim
NT REGO No 145651ES
Date: 27 March 2019
Signature: [Signature]
**registered as a structural engineer in Northern Territory

**Certifying Engineers Certification
Name: John L Towler
NT Rego Number: 24642ES
Date: 27 March 2019
Signature: [Signature]
**registered as a structural engineer in Northern Territory