

REGION	CATEGORY	H=1200	H=1500	H=1800
C	3	1	2	5
C	2	2	4	8

- STANDARD POST
- STD POST & 1 x 50x4mm C400 PLATE (1 PLATE PER POST-POST CONNECTION)
- STD POST & 2 x 50x4mm C400 PLATE (1 PLATE PER POST)
- STD POST & 50x50x2.0mm G450 SHS
- STD POST & 50x50x4.0mm G450 SHS

Nb. Stiffener plates extend from the base of the post to a height of 700mm above the top of the footing. Stiffener plates are fastened to the inside of the post.

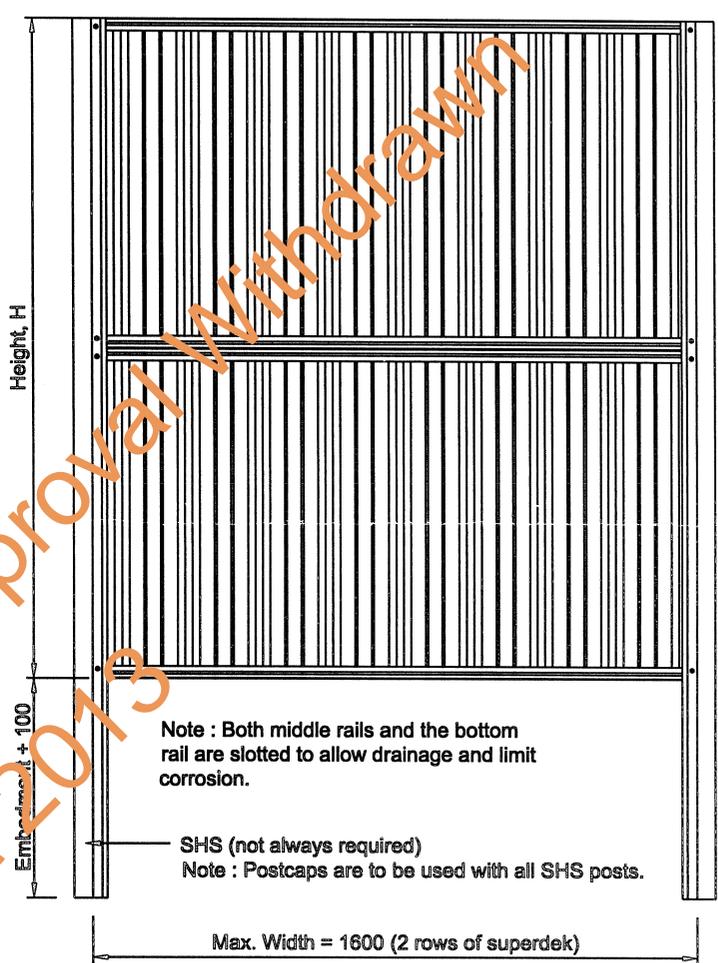
**FOOTING SIZES (mm)**

REGION	CATEGORY	H=1200	H=1500	H=1800
C	3	300x800	300x950	300x1050
C	2	300x900	300x1050	300x1200
POST EMBEDMENT		700	850	1000

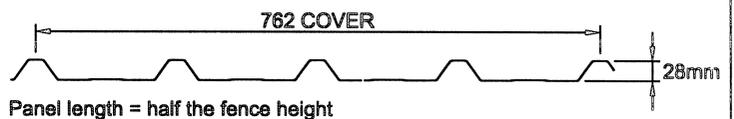
All footings are circular.

**FIXING RECOMMENDATIONS**

- The fence track is to be fixed to the post with one 10x16mm self drilling screw on each side.
- If an SHS post is required it is to be fixed to the standard post using 14x20mm self drilling screws at a maximum spacing of 400mm.
- If stiffener plates are required they are to be fastened to the post using 2 14x20mm self drilling screws (1 from the LHS post and 1 from the RHS post) at a maximum spacing of 400mm.
- The superdek wall sheets are to be side lap fixed with a 3mm blind rivet at mid span.



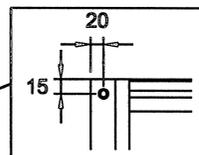
**Superdek Fence Panels 0.35mm BMT**



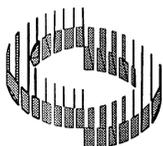
**DESIGN INFORMATION**

Good Neighbour® Fence Panels have been tested at the University of Adelaide by Engtest and conform to the strength requirements of AS 4040.3 and AS 1562.1. Post and footing sizes are based on calculations using design wind pressures determined in accordance with AS 1170.2. The following design criteria have been used:

- Basic Wind speed (region C) : 70m/s
- Mz,cat (3) = 0.8, Mz,cat (2) = 0.9.
- Ms = Mi = 0.9 and Mt = 1.0.
- Cp(max) = 2.4 (wind at 45°)



**COLLESS O'NEILL**



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**GOOD NEIGHBOUR® FENCING FOR REGION C  
 SUPERDEK PANELS**

STRATCO (N.T.) PTY LTD  
 780 STUART HIGHWAY, BERRIMAH, N.T. 0828  
 TELEPHONE (08) 8947 2299 FAX (08) 8947 0293

**DESIGN DATA SHEET**

Certified: *[Signature]* Date: 8-6-00

Adopted by the Building Advisory Committee: *[Signature]* Date: 11/8/2000

DARWIN CYCLONE AREA

Approved: *[Signature]* Date: 1-8-00

Dwg. No. M/802/2