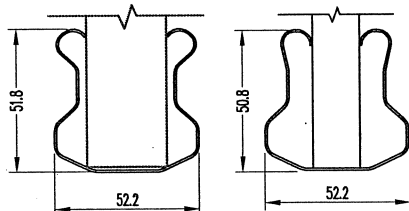


GOOD NEIGHBOUR[®] FENCING

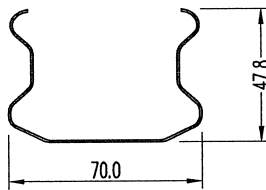


To Suit SUPERDEK

To Suit CGI

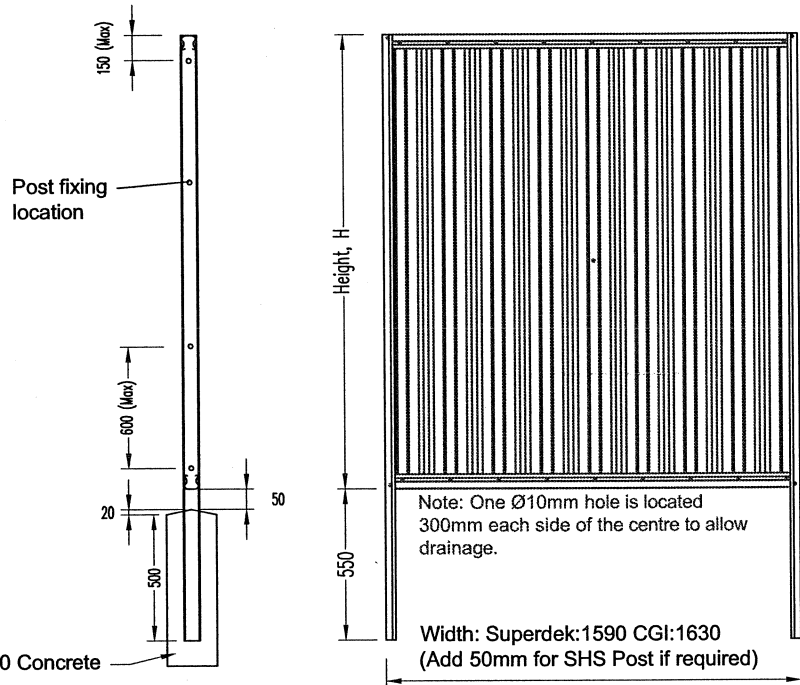
TRACK

MATERIAL : 0.8mm BMT G550 Z275
GIRTH : 170mm



POST

MATERIAL : 0.8mm BMT G550 Z275
GIRTH : 170mm

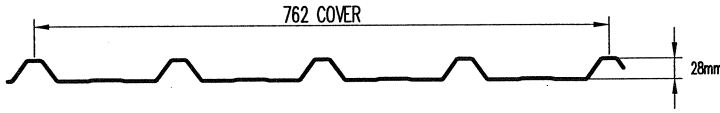


Note: One Ø10mm hole is located 300mm each side of the centre to allow drainage.

Width: Superdek:1590 CGI:1630
(Add 50mm for SHS Post if required)

Superdek Infill Panels

0.35mm BMT G550 AZ150



CGI Fence Infill Panels

0.35mm BMT G550 AZ150



COLUMN TYPES

REGION	CATEGORY	H=1200	H=1500	H=1800
C	3 & 4	1	1	2
C	2.5	1	2	2
C	1 & 2	1	2	2

- Standard Post
- Standard Post & 1 50x3.0mm C450 SHS

FOOTING SIZES (Diameter X Depth)

REGION	CATEGORY	H=1200	H=1500	H=1800
C	3 & 4	200x600	200x700	200x700
C	2.5	200x600	200x700	200x800
C	1 & 2	200x600	200x700	200x800

All footings are circular and suitable for firm natural sandy clay. Increase depth 100mm for compact sand. Minimum foundation bearing capacity to be 100kPa.

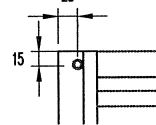
LIMITATIONS

FREE ENDS

Any free end is to be tapered over the last two fence modules from H to a maximum of 2/3H. The last 3 footings need to be increased in depth by a further 100mm. Alternatively, to maintain a consistent height the final two fence modules must be replaced with four single sheet fence panels.

FIXING RECOMMENDATIONS

Fence tracks are to be fixed to the post with one 10x16mm self drilling screw on each side.

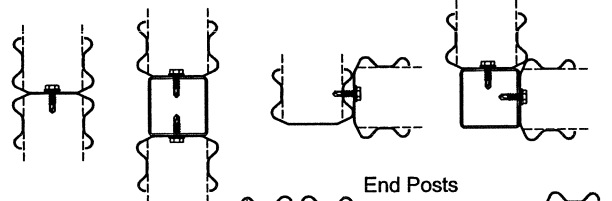


Sheets are to be fixed to the tracks using one 10x25mm self drilling screw in line with every rib for Superdek and every third crest for CGI. Fasten sheets midspan at the overlap using a 3mm rivet.

Posts are to be fixed to each other using 10x16mm self drilling screws at a maximum spacing of 600mm.

Internal Posts

Corner Posts



Optional Infill Flashing

All screws must have Class 4 corrosion resistance

DESIGN INFORMATION

Good Neighbour[®] Fence Panels have been tested at the University of Adelaide by Engtest (Ref: C041001) 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/NZS 1170.2:2002. The following design criteria have been used:
 Regional Wind Speed : 64m/s, 200 year Return Period.
 Mz,cat (3,4) = 0.80, Mz,cat (2,5) = 0.85, Mz,cat (1,2) = 0.90.
 Ms = 0.9 and Md = Mt = 1.0.
 Cp(max) = 1.2 For non-free ends
 2.4 (wind at 45°) For a distance 2H from free end.
 All dimensions in mm unless indicated otherwise. Sheet 1 of 1

STRATCO (N.T.) PTY. LTD.
780 STUART HIGHWAY
BERRIMAH, N.T. 0828

Good Neighbour[®] Fencing, Region C

KBR

Kellogg Brown & Root Pty Ltd
ABN 91 007 660 317
Reg. No. - KEE58332

DESIGN DATA SHEET

Certified: *Stephen Ali* Date: 14/4/05
STEPHEN ALI.

14.4.05 M/80213
BASB CONCURRED DATE DRAWING NUMBER.