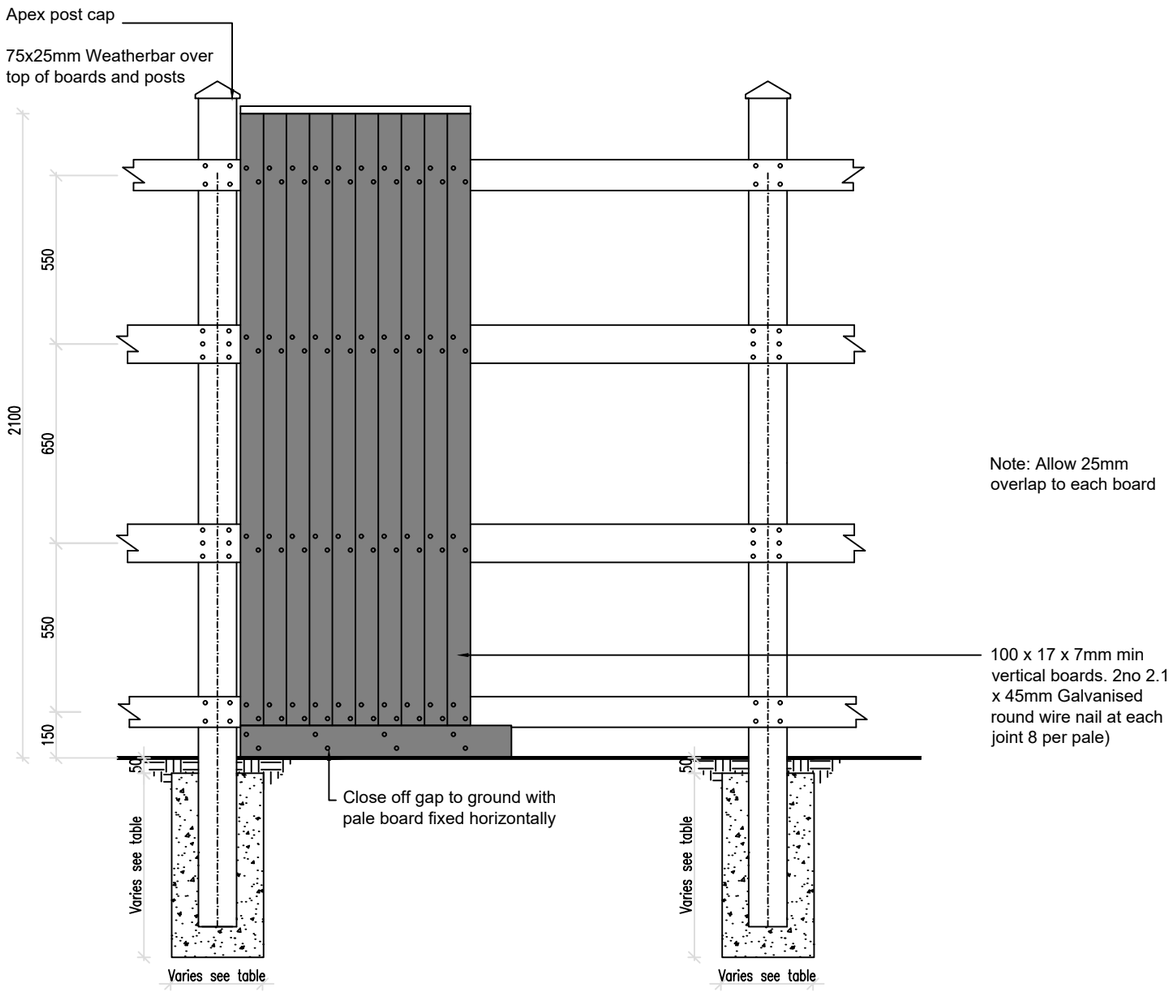
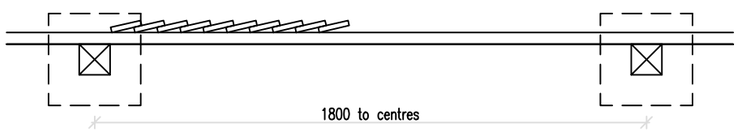
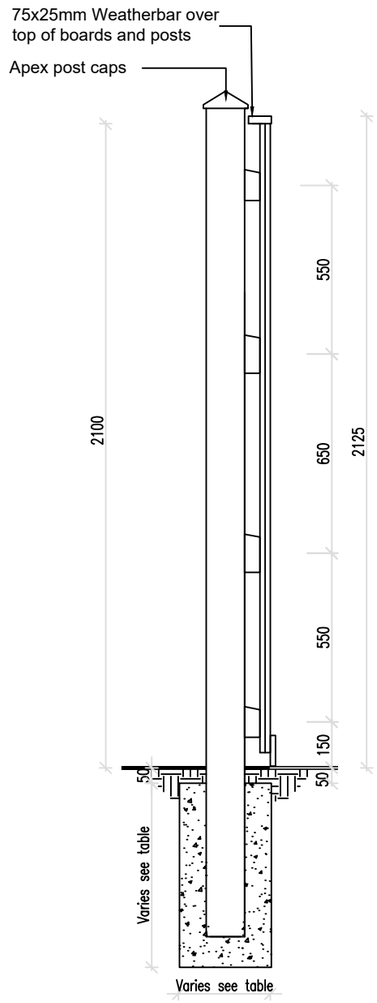


2.1m - Acoustic Fence

(1:20)



Plan



Section

(1:20)

Refer to Table for post, rail, and foundation sizing. Will vary by geographical location

Top / Bottom rails fixed to post with 4nr 4mm x 75mm long screws

Middle Rails fixed with 6Nr 4mm x 75mm long screws

PLEASE REFER TO SPECIFIC ACOUSTIC REPORT FOR EACH DEVELOPMENT PRIOR TO INSTALLATION

Treatment: All timbers to be preservative stained, including any cut ends

REFER TO SD/6101 FOR WIND VELOCITY INFORMATION	REFER TO ENGINEER WHERE PARAMETERS DIFFER FROM THOSE BELOW

FOR 'TOWN TERRAIN' TO APPLY, A SITE NEEDS TO BE AT LEAST 2KM INTO BUILT-UP SURROUNDINGS.

	TOWN TERRAIN UP TO 22m/s UP TO 50m Altitude Min 100km From Sea	TOWN TERRAIN UP TO 23.5m/s UP TO 100m Altitude Min 10km From Sea	TOWN TERRAIN UP TO 25.0m/s UP TO 150m Altitude Min 2km From Sea	COUNTRY TERRAIN UP TO 22m/s UP TO 50m Altitude Min 100km From Sea	COUNTRY TERRAIN UP TO 23.5m/s UP TO 100m Altitude Min 10km From Sea	COUNTRY TERRAIN UP TO 25m/s UP TO 150m Altitude Min 2km From Sea
TOP RAIL	100 X 50 C16 TIMBER	100 X 50 C16 TIMBER	125 X 50 C16 TIMBER	100 X 50 C16 TIMBER	100 X 50 C24 TIMBER	125 X 50 C24 TIMBER
MIDDLE RAIL	125 X 50 C16 TIMBER	125 X 50 C16 TIMBER	150 X 50 C16 TIMBER	125 X 50 C16 TIMBER	125 X 50 C24 TIMBER	150 X 50 C24 TIMBER
POST	125 X 150 C16	125 X 150 C16	150 X 150 C24	150 X 150 C16	150 X 150 C24	150 X 200 C24
FOUNDATION SIZE CLAY SOIL	300 X 750	300 X 850	300 X950	300 X 800	300 X950	300 X 1100
FOUNDATION SIZE GRANULAR SOIL	450 X 900	450 X 1050	450 X 1150	450 X 1050	450 X 1200	450 X 1350

Rev	Details	Date	By	Chk

DATE	08.05.26	DRAWN	LM
SCALE	1:20 @ A3	CHK	H51

STANDARD DETAILS
5000 SERIES

2.1m Fence
Acoustic Fence

Dwg No	SD/5019.1	Rev
		--

Keepmoat, The Waterfront, Lakeside Boulevard, Doncaster, DN4 5PL.
Tel: 01302 347605 www.keepmoat.com

Keepmoat® Homes