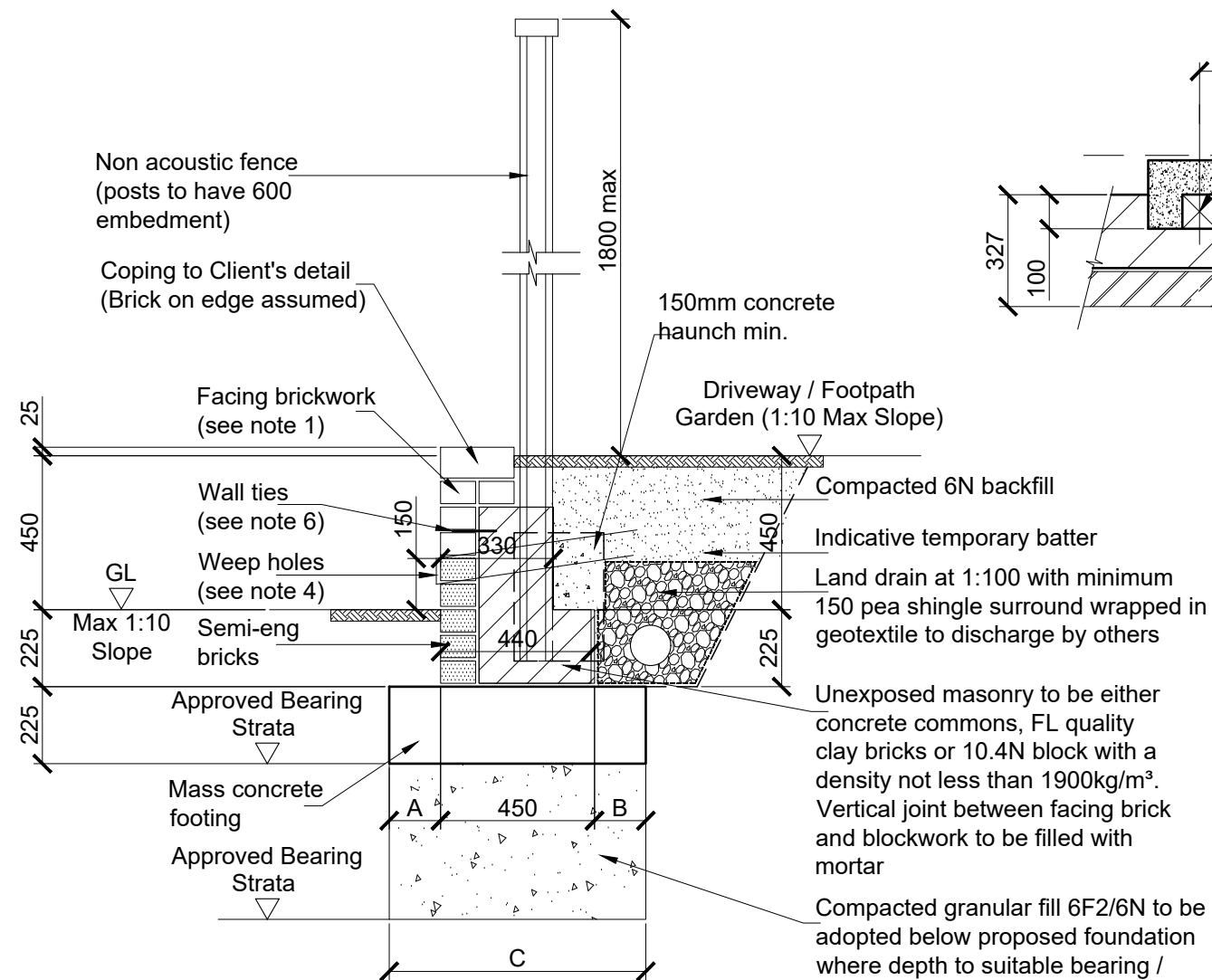
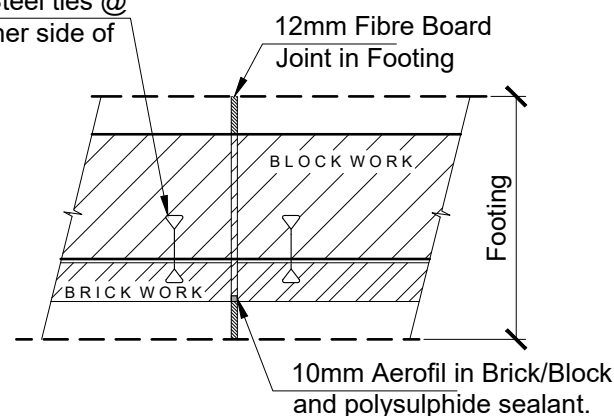




TYPICAL RETAINING WALL
450mm max with 1.8m High Fence

0 1m
1:20

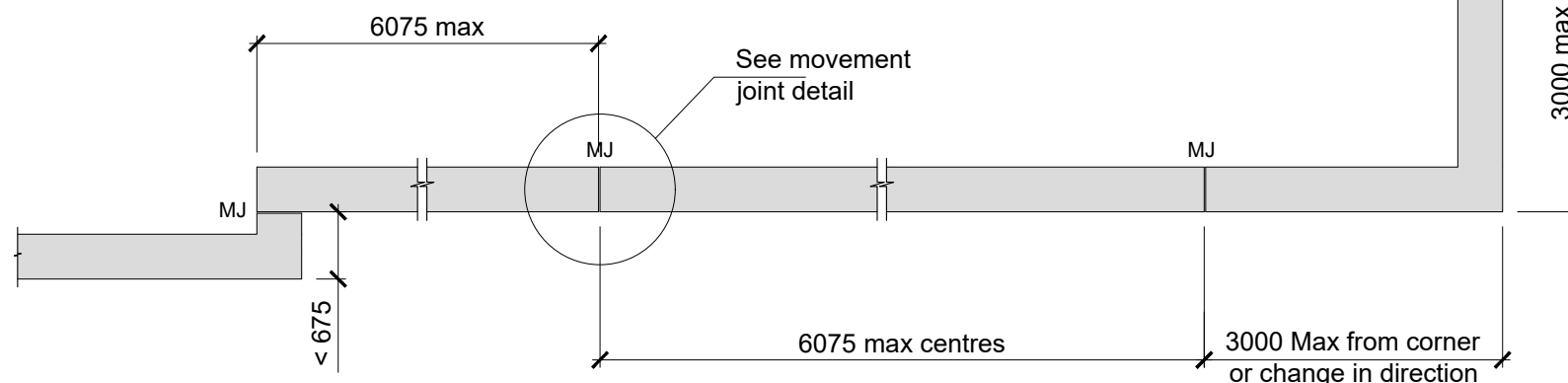
Stainless Steel ties @ 225 c/c either side of joint



MOVEMENT JOINT DETAIL

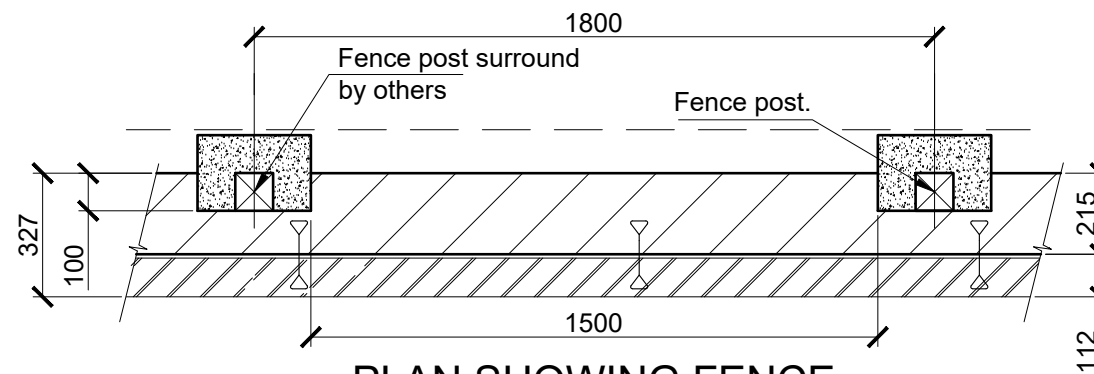
0 1m
1:20

Safe Bearing Pressure	A	B	C
50 kN/m ²	150	150	750



MOVEMENT JOINT LOCATION PLAN

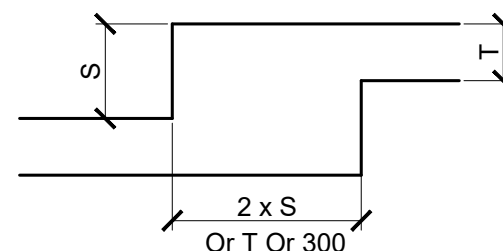
0 1m 2m 3m 4m 5m
1:75



PLAN SHOWING FENCE POST LOCATIONS

0 1m
1:20

Step height S not greater than 300mm



FOUNDATION STEP DETAIL

NOTES

- Facing Bricks to be FL quality facing brick with min crushing strength of 20N/mm² and an absorption of between 7% and 12% by weight. Unexposed masonry to be high density blocks, with a min density of 1900kg/m³. Semi-engineering bricks from top of footing to 150 above lower ground level in mortar designation M12/(i)
- Facing brickwork must be built at the same time as the unexposed masonry.
- All mortar to be designation M6/(ii) except as noted above with sulphate resisting Portland cement where applicable.
- Weep holes to be 50mm Dia. at 900crs 150mm above ground level throughout the wall length.
- Movement Joints should be located at 6.075 centres and at or within 3m of a change in direction. Refer to movement joint detail.
- Wall ties to be stainless steel DD140 or similar approved to BS 5628. Wall ties to be installed at 450crs vertically and horizontally.
- 150mm dia pipes at centres to suit centres of fence posts. Pipes to be filled with concrete after posts placed. Fence Post centres must not exceed 1.8m.
- Refer to site specific investigation report for concrete mixes.
- Wall design allows for parked vehicle adjacent to retaining wall - max gross vehicle weight of 2,500kg.
- Wall design not suitable for support of shared drive or public highway.
- Vehicle barriers must be set back so that no impact force is applied to the retaining wall.
- If a pedestrian barrier is required instead of a fence, change retaining wall construction to reinforced cavity fill.
- Retaining wall foundation must not surcharge or be surcharged by house / garage foundations

A	April 26	Scale Bars Added	CD	DW
-	5.6.25	Construction issue	JW	DW
Rev.	Date	Revision	By	Appd.

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Client

Persimmon
Together, we make your home

Project

Pottery Gardens, Cheadle

Title

Retaining Walls
450mm Max with 1.8m Fence

SCALE @A3 1:20	DATE jun 25	DRAWN CD	CHECKED DW
DRAWING NUMBER	8511/MRW450/1.8	REVISION	A