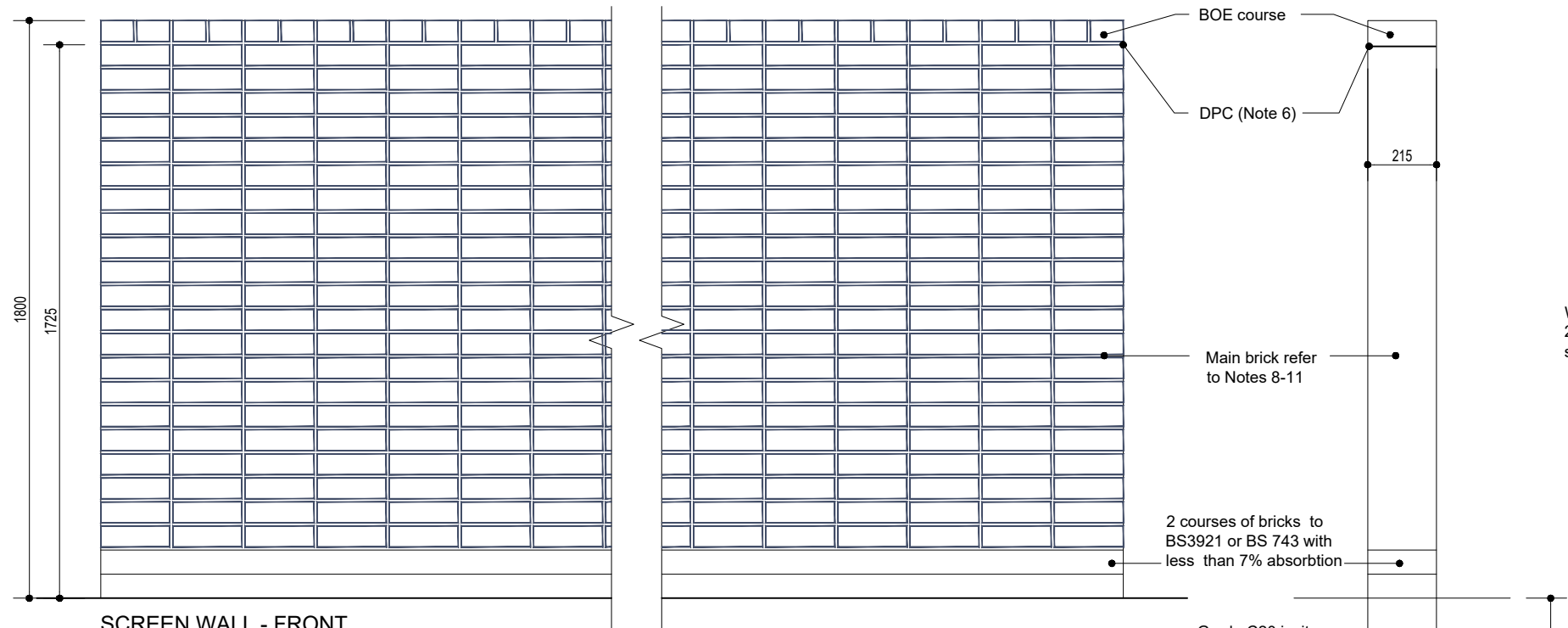
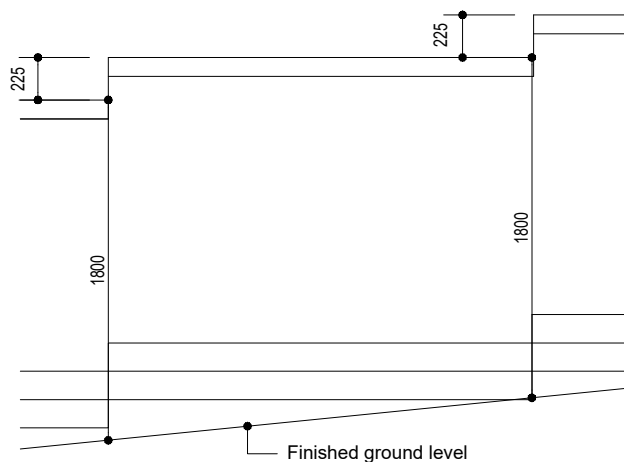




SCREEN WALL - FRONT



SCREEN WALL ON SLOPING GROUND

SPECIFICATION

1) Class 1 cement/lime/sand or cement/sand mortar to be used in accordance with Table 1, B.S. 5628: Part 1 : 1992 with cement/lime/sand in proportions of 1:0 to 0.25:4.3

2) Plasticised or masonry cement mortars are not to be used.

3) In dry, hot weather bricks are to be wetted either by lightly spraying the stack or by immersing individual bricks in water.

4) Mortar to be premixed or site mixed with quality control testing to confirm a minimum compressive strength of 11N/mm².

5) Where bricks have are not certified as frost resistant or have an absorption rating greater than 7% then two courses of engineering bricks to B.S.3291 or B.S.743 shall be incorporated just above the finished ground level.

6) Below the coping or capping a suitable DPC to B.S. 6398:1983 is to be provided, fully bedded on the underside and on the top with Class 1 mortar with a 10mm projection to form a drip.

7) Where foundations are on well compacted structural fill material having a net bearing capacity of 50kN/m² or greater then 1 layer of B385 structural mesh fabric laid with main bars running longitudinally with the strip foundations and having a bottom and side cover of 50mm shall be incorporated in accordance with the Structural Engineer's Design.

8) Walls constructed in stacked bond shall have Galv. or stainless steel fishtail of spoon ties spaced at 450mm centres both horizontally and vertically.

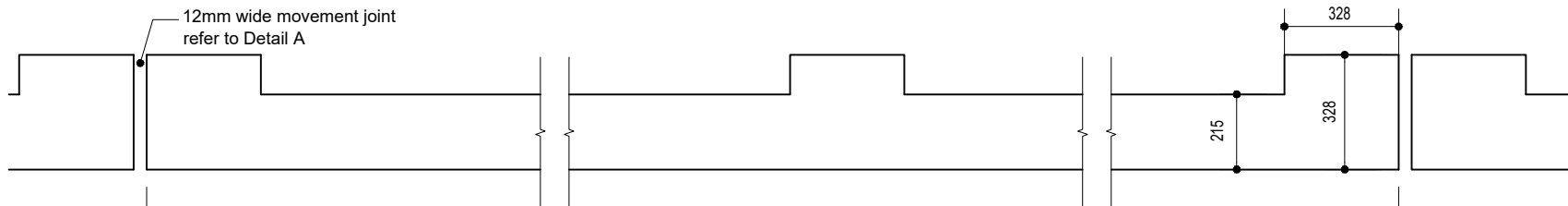
9) For walls constructed using clay bricks of 7-12% water absorption a wall thickness of 215mm will be satisfactory up to 1.75m height above finished ground level.

10) For walls constructed using concrete bricks a wall thickness of 215mm will be satisfactory up to 1.8m above finished ground level.

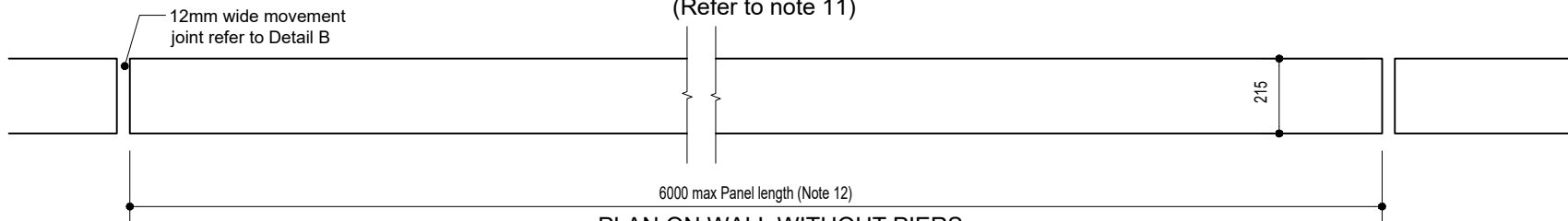
11) For walls constructed using concrete bricks and a wall thickness of 215mm with a height in excess of 1.8m above finished ground level then integral 328mm thick piers are to be built in at the panel ends and midpoints as indicated on Dwg. No. F7(2).

12) Movement joints are to be constructed at approximately 6m centres to suit brick gauge or changes in direction. Joints must be full height from the foundation, through any DPC's and copings/cappings.

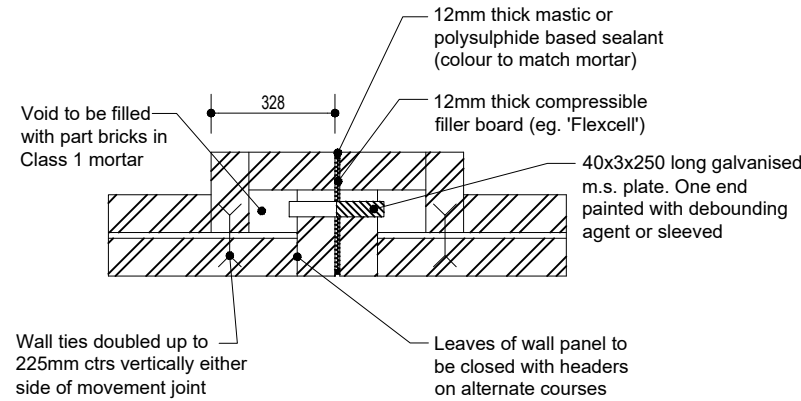
13) All walls on sloping ground to be a min 1800mm high and stepped at 225mm intervals.



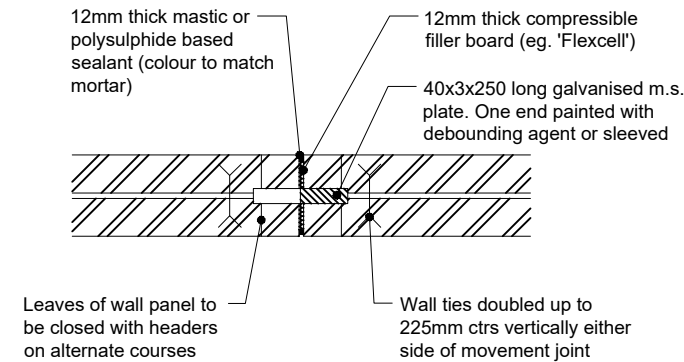
PLAN ON WALL ABOVE 1.8M HEIGHT
(Refer to note 11)



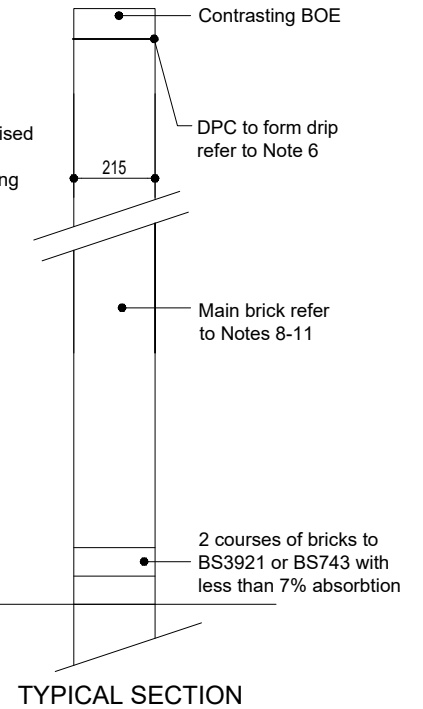
PLAN ON WALL WITHOUT PIERS
(Refer to notes 9 & 10)



MOVEMENT JOINT DETAIL 'A'



MOVEMENT JOINT DETAIL 'B'



TYPICAL SECTION

REV.	DESCRIPTION	DATE
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CLIENT

Dandara

DRAWING TITLE

External Details
Stack Bond Screenwall

SCALE	DATE	DRAWN BY
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1:20@A3 June '22 HA Ltd

DRAWING NO.	REVISION	TYPE
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2124-D05 PLN



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