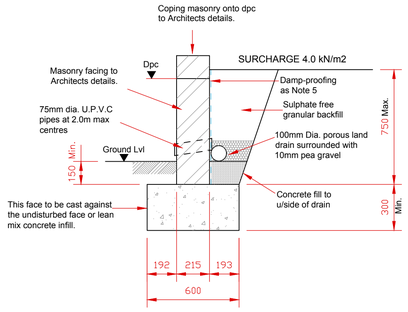
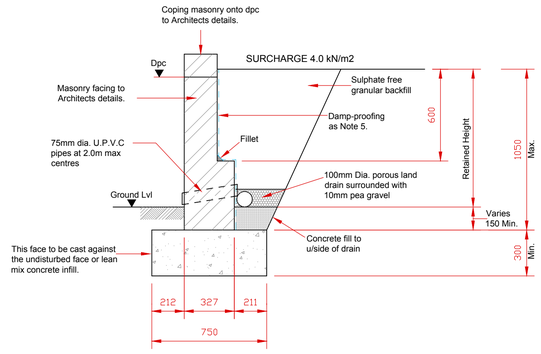
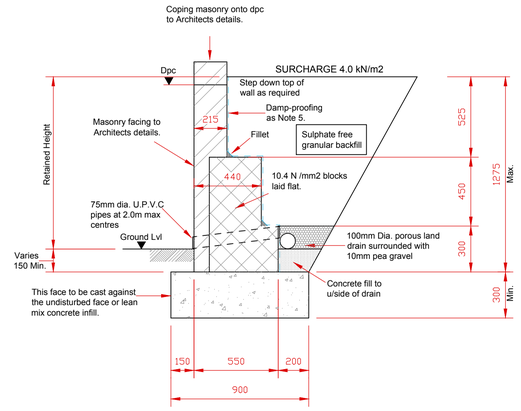


Retaining Wall Type "A"



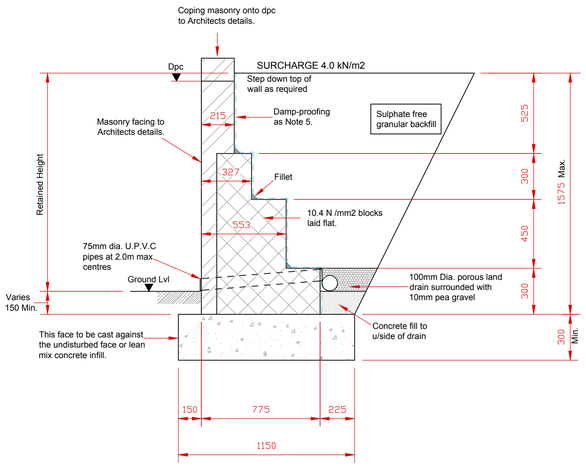
Retaining Wall Type "B"



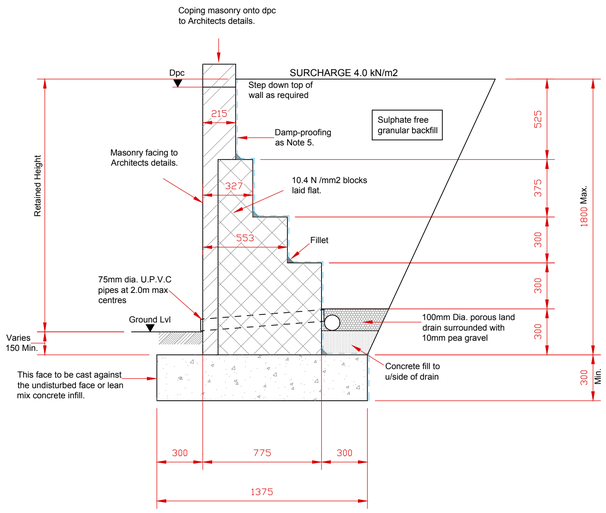
Retaining Wall Type "C"

Notes

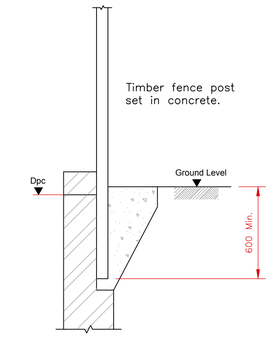
These details are for retaining garden or drive areas and are not to be used as highway retaining walls.



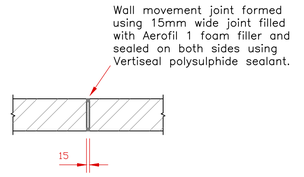
Retaining Wall Type "D"



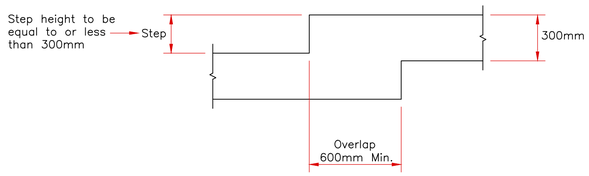
Retaining Wall Type "E"



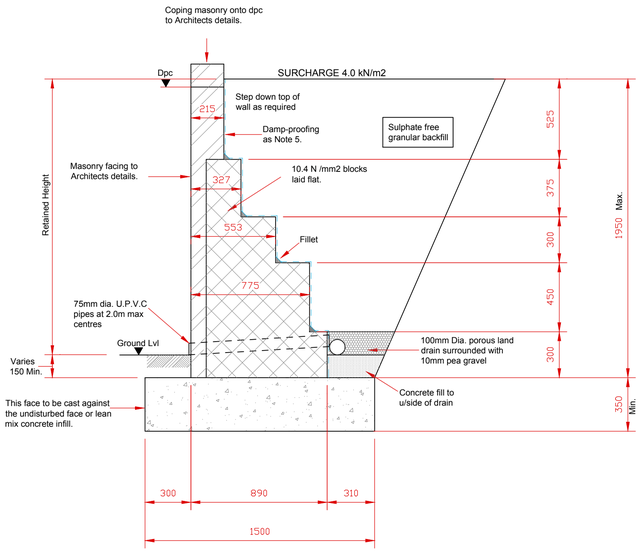
Detail at Fence Post



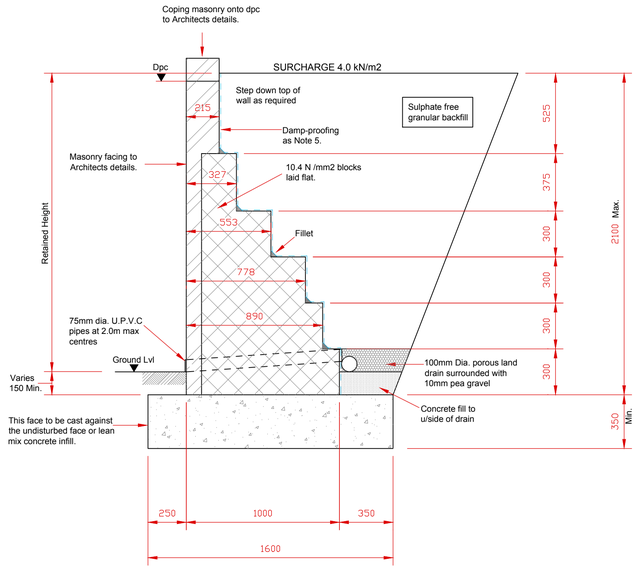
Typical Movement Joint



Stepped Footing Detail



Retaining Wall Type "F"



Retaining Wall Type "G"

NOTES

Notes for Retaining Wall Construction:

1) See site layout drawing for arrangement of retaining walls.

2) All walls been designed based on an allowable ground bearing pressure of 80kN/m².

3) Concrete for strip footings to be Gen1 in natural ground.

4) Should groundwater be encountered a perforated land drain should be incorporated at the rear of the wall with weep holes at 1.0m centres discharging at lower ground level.

5) The retaining face of the wall should be waterproofed using 2 coats RIW Liquid Asphaltic compound (or similar product.)

6) Movement joints should be formed in the retaining walls at max. 6.0m centres, the first joints being formed a max. of 3.0m from end of wall. Fence over to be split at joint positions with posts fitted to wall each side of joint. The movement joint should also extend through the wall coping.

7) A dpc should be incorporated at high level beneath the coping.

8) Backfill should be carefully placed a minimum of 28 days after the wall has been constructed.

9) Where the drainage pipes through the wall would discharge onto a footpath, drive or a road they are to be omitted and the land drain behind the wall is to disharge into a surface water system.

10) WALLS:

FACING to be brick.

BLOCKWORK: aggregate concrete blocks are to be used with the blocks having:
i) a minimum density of 1450kg/m³
ii) a minimum compressive strength 10.4N/mm².
Blocks are to be 140mm thickness and laid flat (to suit coursing of brickwork).

Wall ties are to be provided between the facing brick skin and the concrete block backing. Wall ties are to be Type 1 to BS EN 845-1 stainless steel x 150mm long. Ties to be placed at 450mm vertical and 900mm horizontal centres.

Revision Suffix	Revision Details	Date

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Client

Alfa Homes

Contract

Residential Development at Cote Lane Thurgoland

Drawing Title

Standard Garden Retaining Wall Details on Natural Ground

Scale	1:20 @ A1	Drawing No.	19044/2
Drawn	JSH		
Date	Aug 2019	Revision	