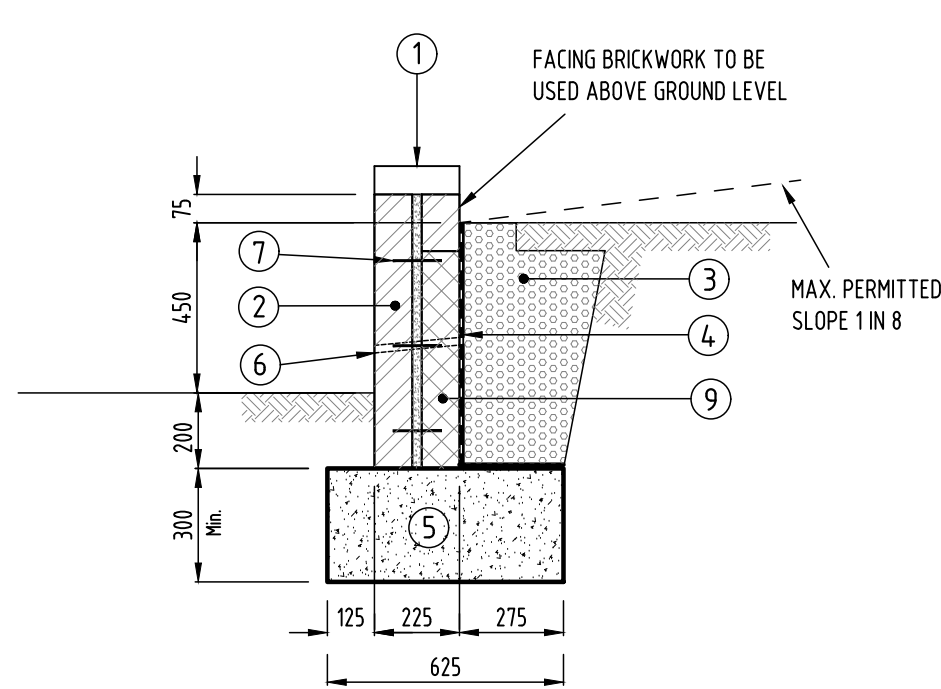
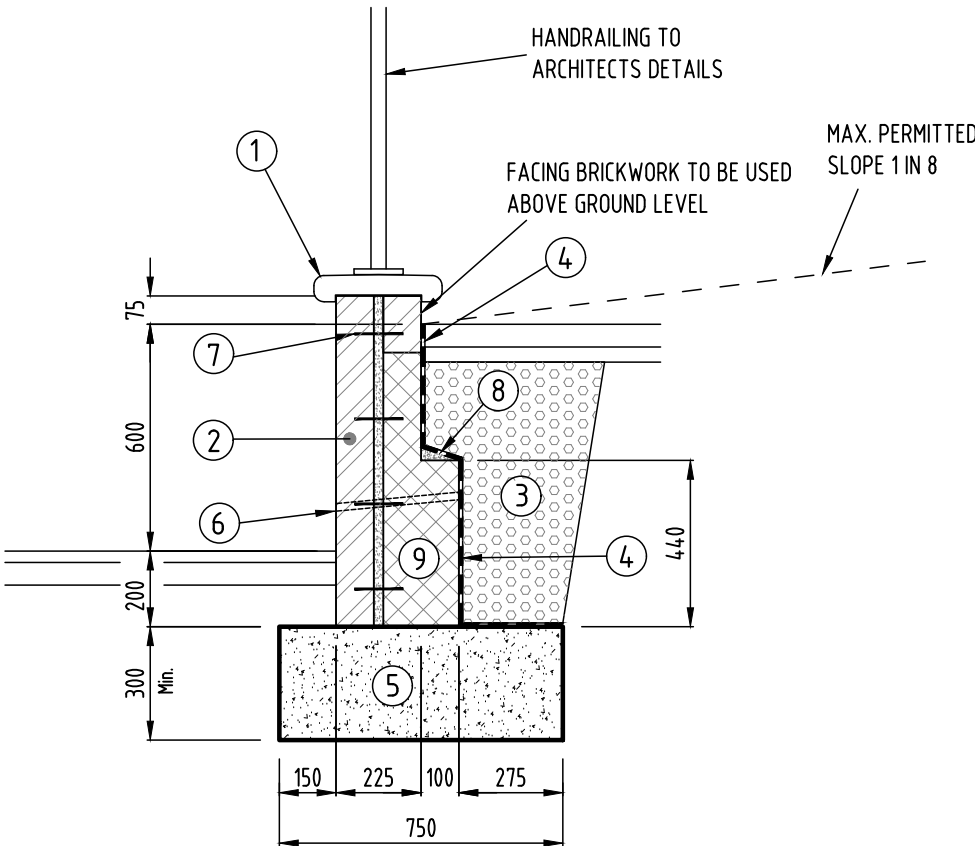
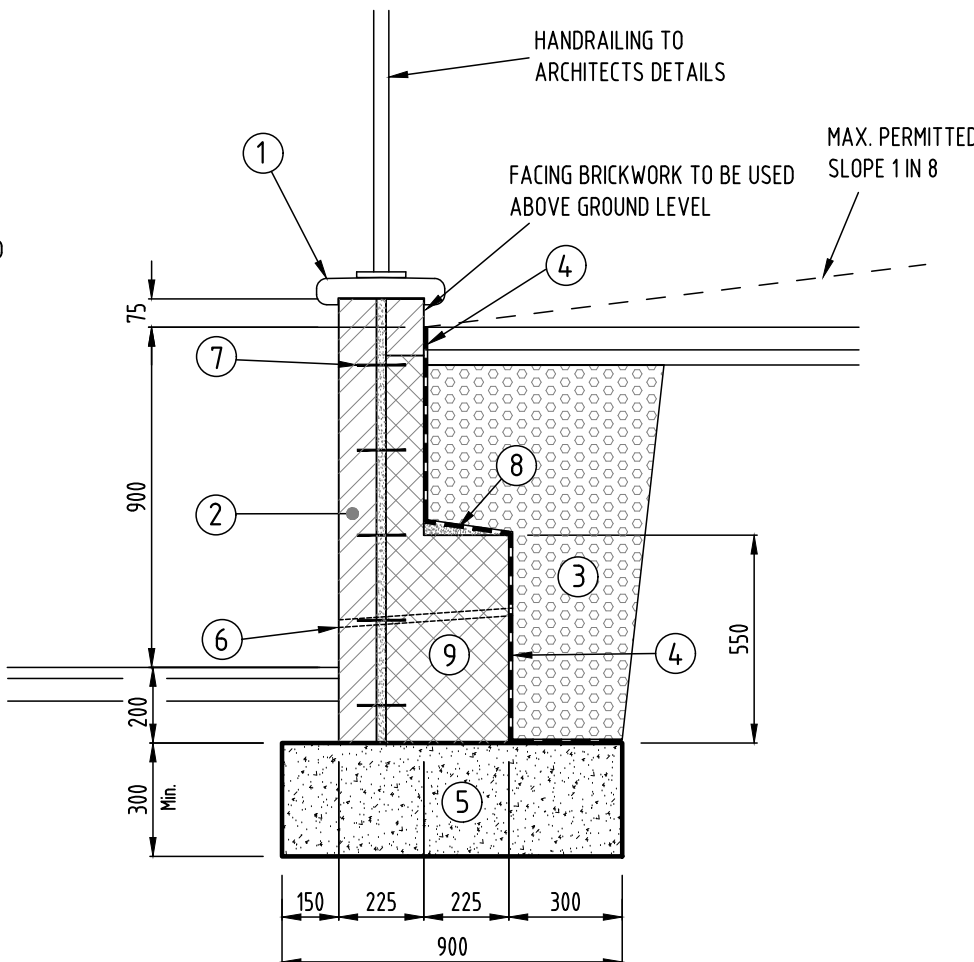




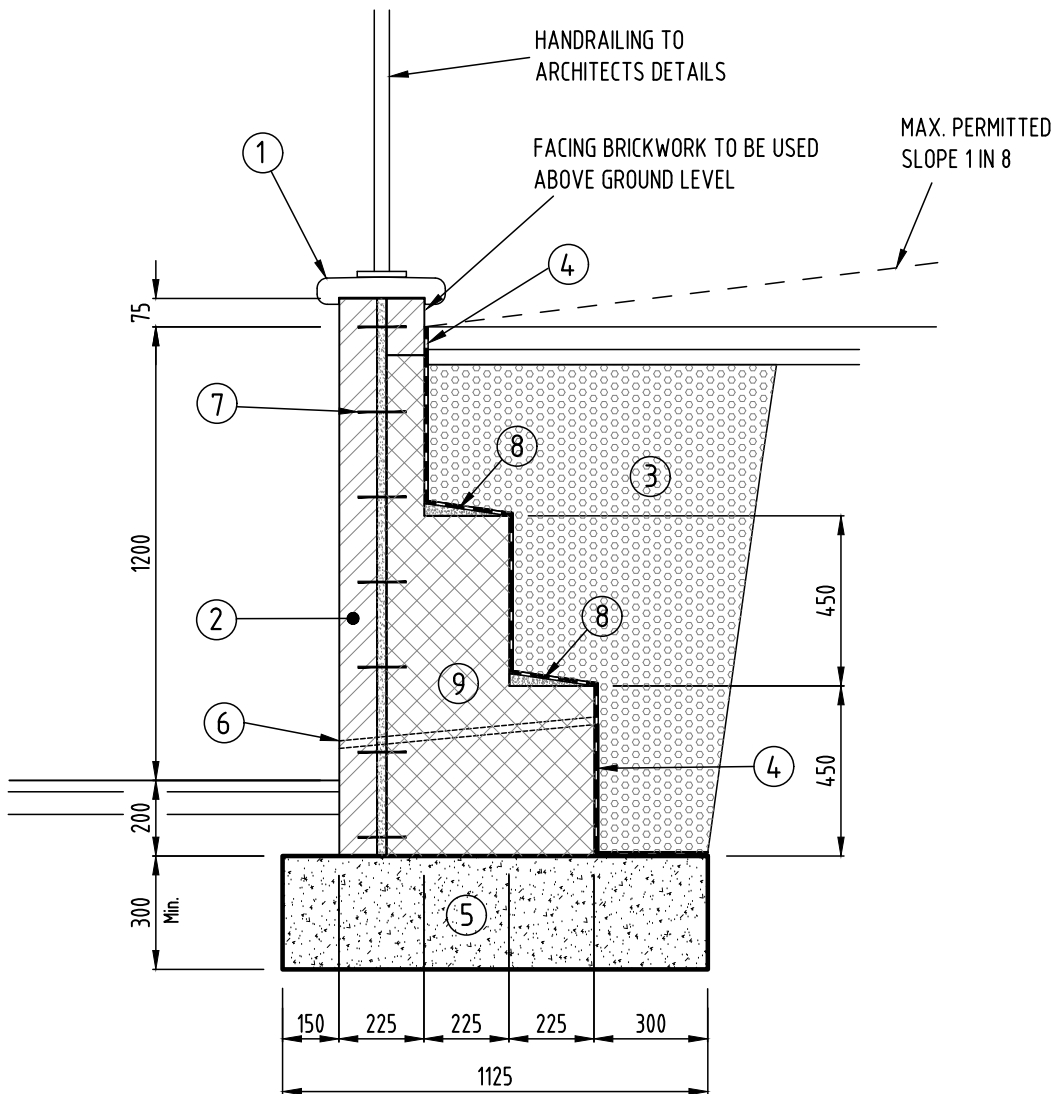
TYPE 'A' RETAINING WALL:-
MAX. RETAINED HEIGHT 0.45m.
SCALE 1:20



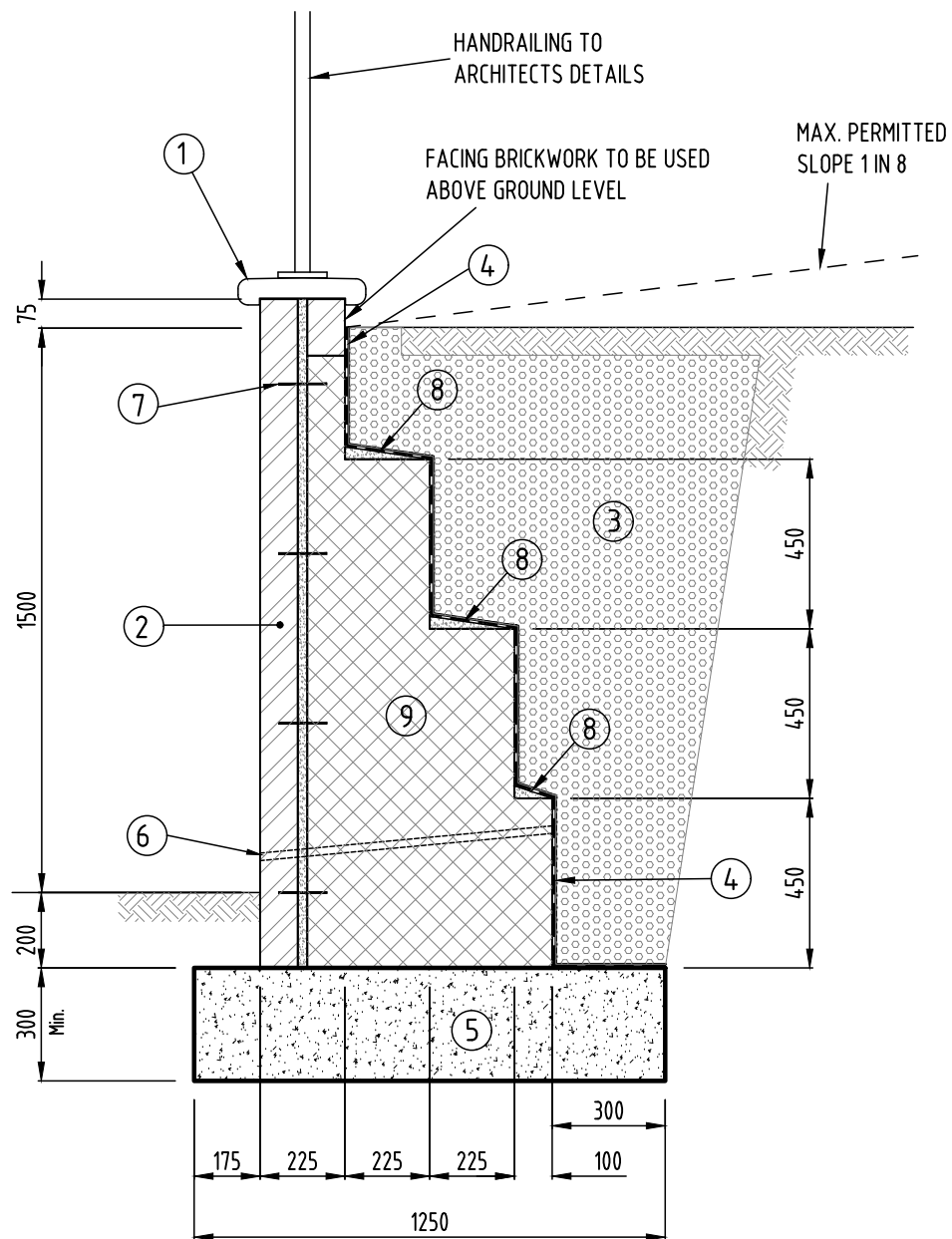
TYPE 'B' RETAINING WALL:-
MAX. RETAINED HEIGHT 0.60m.
SCALE 1:20



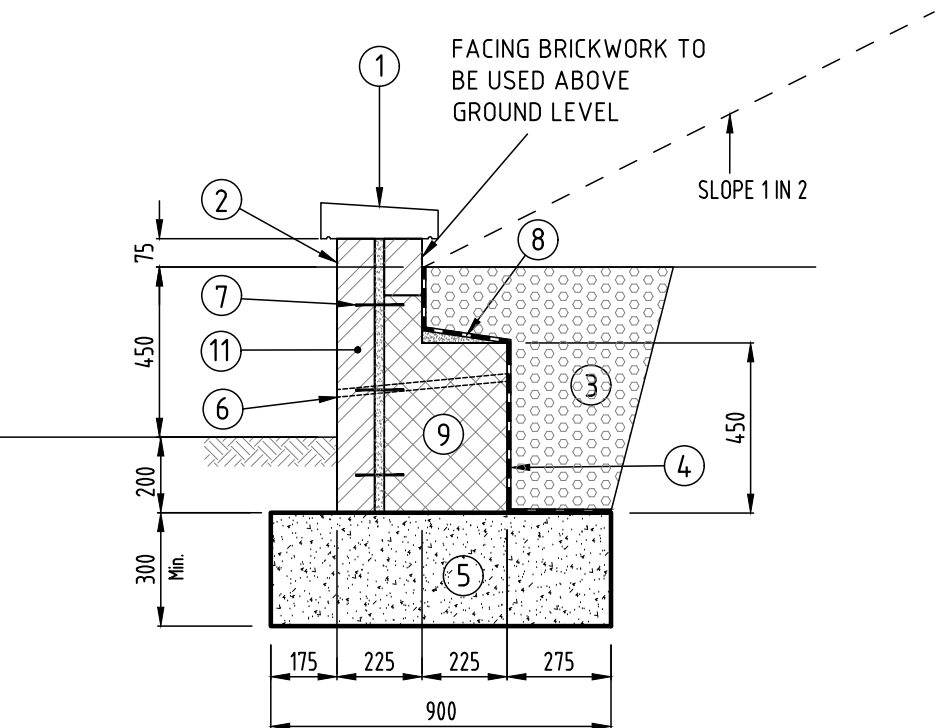
TYPE 'C' RETAINING WALL:-
MAX. RETAINED HEIGHT 0.90m.
SCALE 1:20



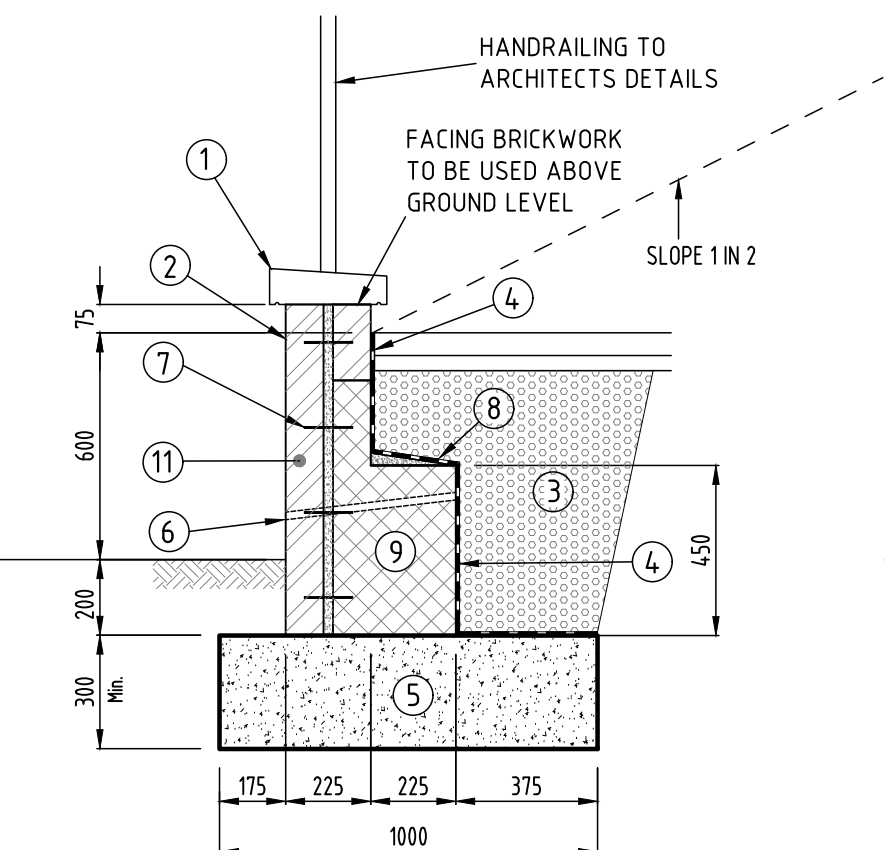
TYPE 'D' RETAINING WALL:-
MAX. RETAINED HEIGHT 1.20m
SCALE 1:20



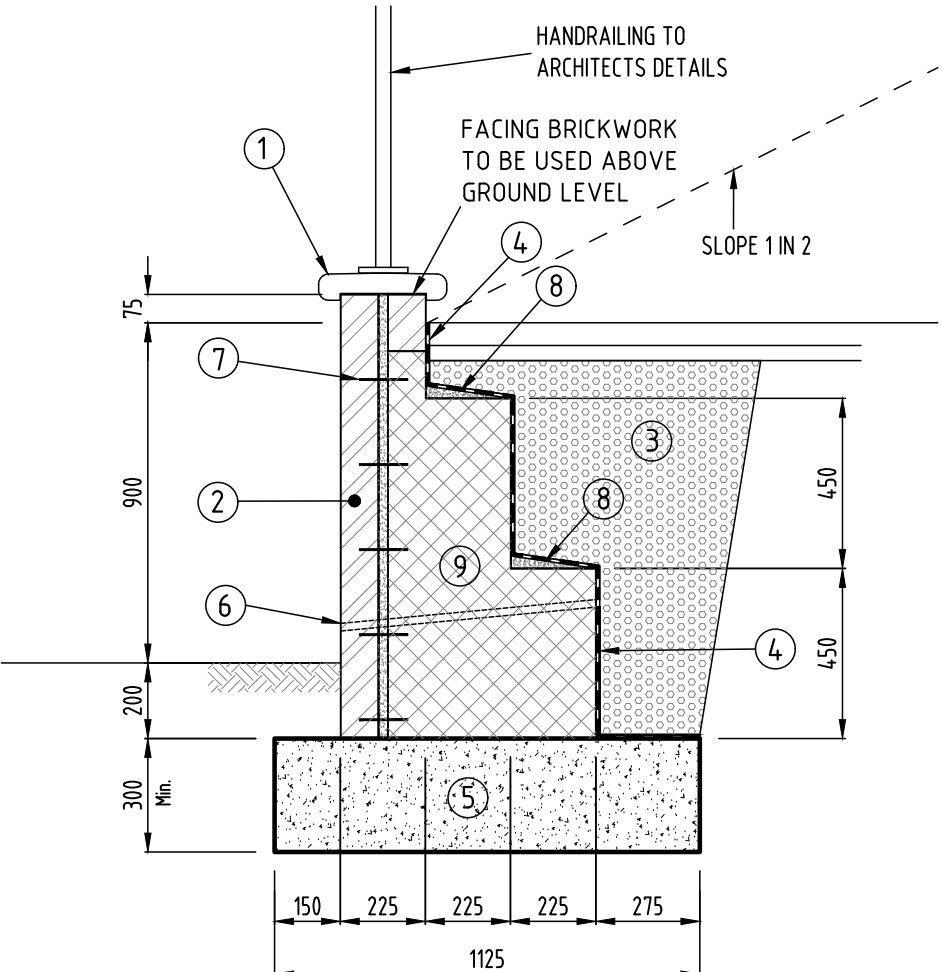
TYPE 'E' RETAINING WALL:-
MAX. RETAINED HEIGHT 1.50m
SCALE 1:20



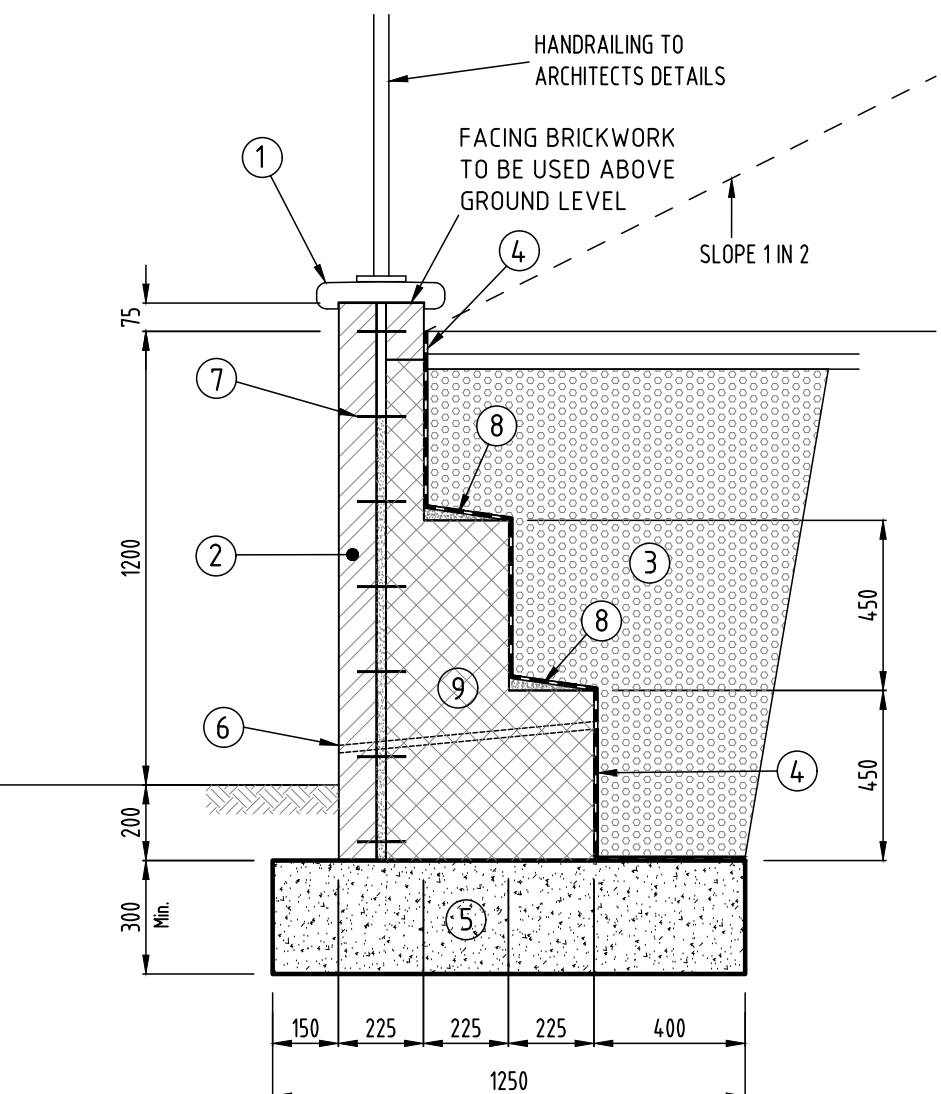
TYPE 'A' RETAINING WALL:-
MAX. RETAINED HEIGHT 0.45m.
SCALE 1:20



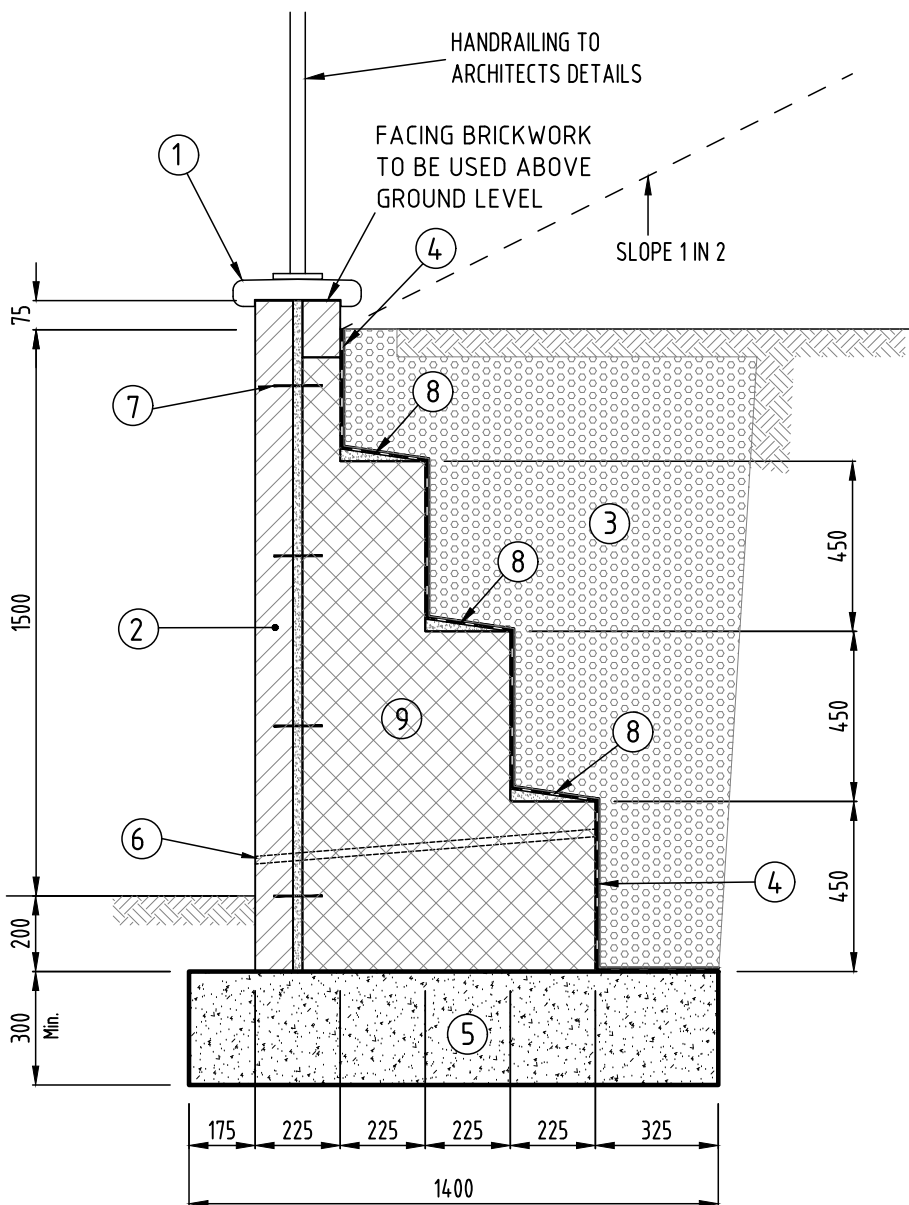
TYPE 'B' RETAINING WALL:-
MAX. RETAINED HEIGHT 0.60m.
SCALE 1:20



TYPE 'C' RETAINING WALL:-
MAX. RETAINED HEIGHT 0.90m
SCALE 1:20



TYPE 'D' RETAINING WALL:-
MAX. RETAINED HEIGHT 1.20m
SCALE 1:20



TYPE 'E' RETAINING WALL:-
MAX. RETAINED HEIGHT 1.50m
SCALE 1:20

RETAINING WALLS LEGEND

- 1 COPING TO ARCHITECTS DETAILS
- 2 FACING BRICKWORK WITH SOLID COLLAR JOINT- MIN. BRICK STRENGTH 20 N/mm.
- 3 SINGLE SIZED CLEAN STONE (NOMINAL 40mm).
- 4 1200 GAUGE VISQUEEN WITH 300mm LAPS, CUT VISQUEEN AROUND WEEP HOLES.
- 5 CONCRETE GRADE C25/C30.
- 6 75mm UPVC WEEP HOLES AT 2.0m CENTRES.
- 7 STAINLESS STEEL WALL TIES AT 450 CENTRES HORIZ. AND 225mm CENTRES VERTICAL.
- 8 MORTAR FILLET.
- 9 DENSE CONCRETE BLOCKWORK 7 N/mm STRENGTH, MIN. DENSITY 18 kN/m , BONDED INTO BRICKWORK.
- 10 DENSE CONCRETE BLOCKWORK 7 N/mm STRENGTH, MIN. DENSITY 18 kN/m.
- 11 FACING BRICKWORK, MIN. BRICK STRENGTH 20 N/mm.

MOVEMENT JOINTS TO BE PROVIDED AT 6.0m MAX CENTRES IN MASONRY RETAINING WALLS.
MORTAR TO BE CEMENT/SAND MORTAR (1:3).

RETAINING WALL NOTES

1. FOUNDATIONS FOR RETAINING WALLS IN SOME AREAS OF FILL (EMBANKMENTS) TO BE CONSTRUCTED IN MAX. 6.0m LENGTHS AND HAVE 1 LAYER OF A393 MESH REINFORCEMENT IN THE BOTTOM OF THE WALL FOUNDATION. CONCRETE TO BE GRADE C28/35 (RC35).

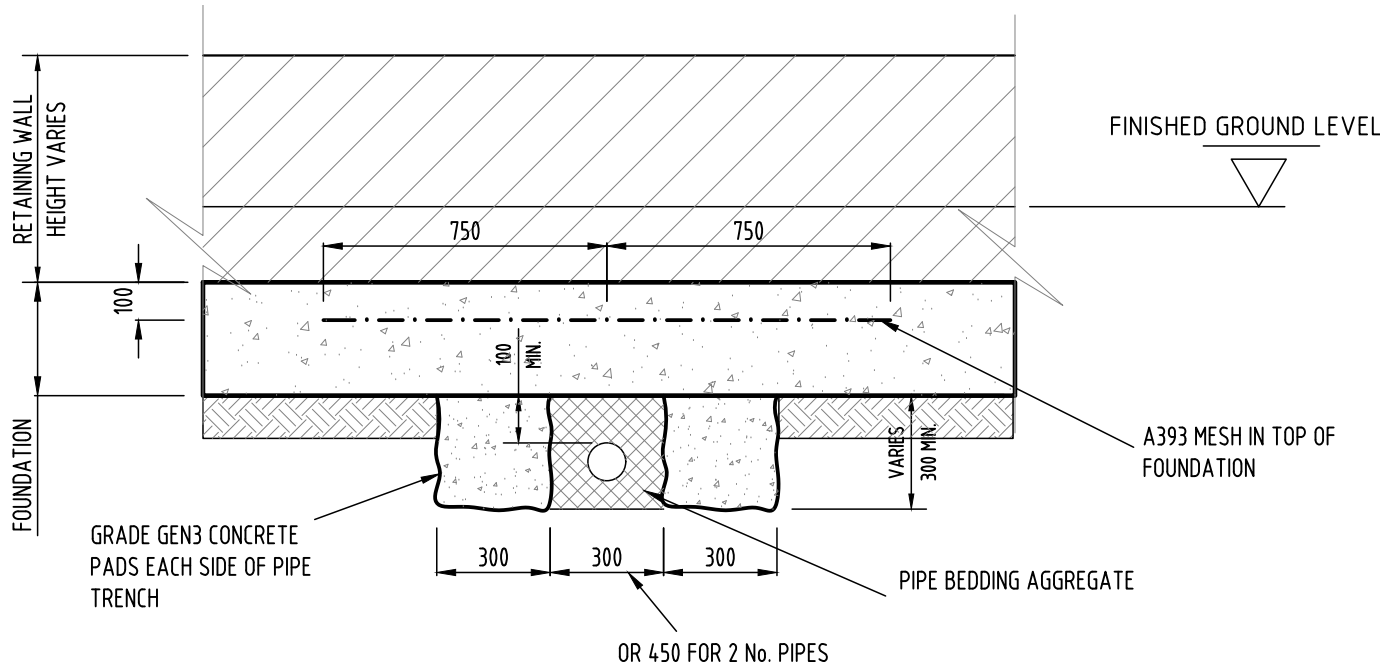
2. BATTER SLOPES TO BACK OF RETAINING WALLS TO VARY FROM HORIZONTAL TO A MAX. OF 1 IN 8.0 UNLESS OTHERWISE STATED.

3. MATERIALS TO BACK OF RETAINING WALLS TO BE CAREFULLY PLACED AND LIGHTLY COMPACTED. NO SITE TRAFFIC TO TRAVERSE BEHIND COMPLETED RETAINING WALL.

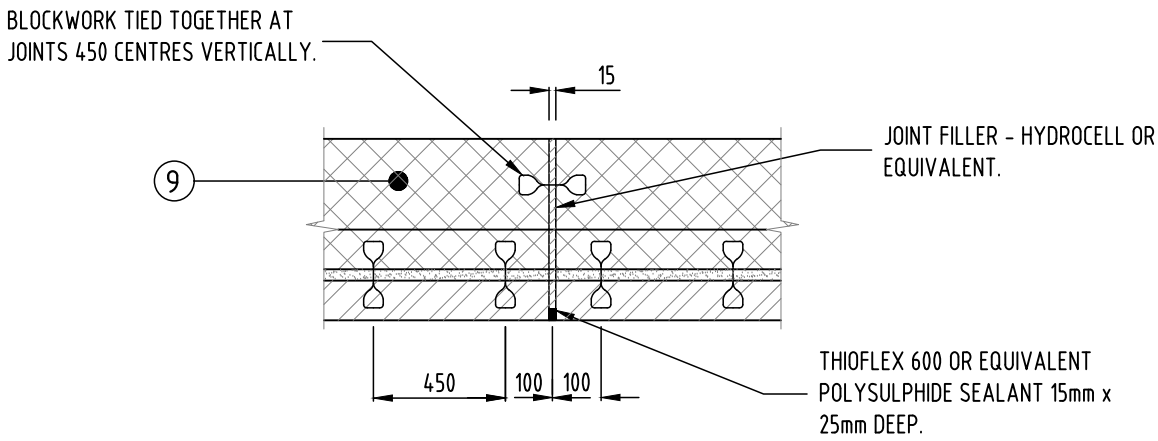
4. TOP SURFACE OF FOUNDATION TO BE CLEANED TO REMOVE ALL TRACES OF CEMENT LAITENCE AND EXTRANEIOUS MATERIAL PRIOR TO CONSTRUCTING WALL. ENSURE CLEAN SURFACE AND GOOD BOND BETWEEN MASONRY AND CONCRETE FOUNDATION.

5. BACKFILL MATERIALS BEHIND COMPLETED WALLS ARE TO BE PLACED NOT SOONER THAN 3 DAYS AFTER BUILDING OF THE WALL.

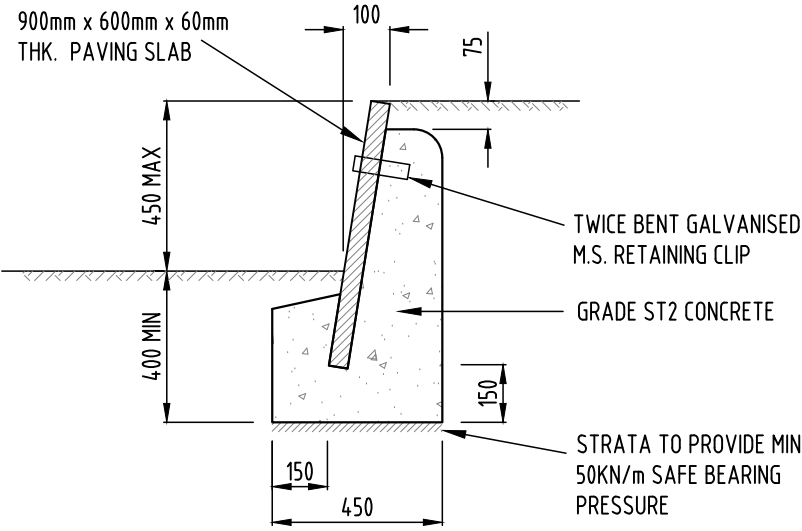
RETAINING WALLS 1 IN 2 BATTER BEHIND



DETAIL FOR SEWERS PASSING UNDER RETAINING WALL:
ELAVATION ON RETAINING WALL.
SCALE 1:20



MOVEMENT JOINT DETAIL - RETAINING WALL ON PLAN
MAXIMUM JOINT SPACING 6.0m - SCALE 1:20



PAVING SLAB ON EDGE :
RETAINING WALL DETAIL FOR GARDEN
AREAS ONLY UP TO 450mm MAX.

NOTE:
Foundation design dependant
on site investigation report &
structural design to suit.

REV.	DATE	DETAILS	BY:	CHK.
		AMENDMENTS		

CLIENT:



Holbrook Homes



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PROJECT:
Holbrook Homes
Bryniau Road,
Pant, Merthyr Tydfil

DRAWING TITLE:
Retaining Walls
Masonry Walls to 1.5m High
Sheet 1 of 2

DRAWN:	CHK:	STATUS:	SCALE:
DJT	WW	Preliminary	As shown
DATE:	JOB NO.	DRG. NO.	REV.
02/12/19	1982	001	