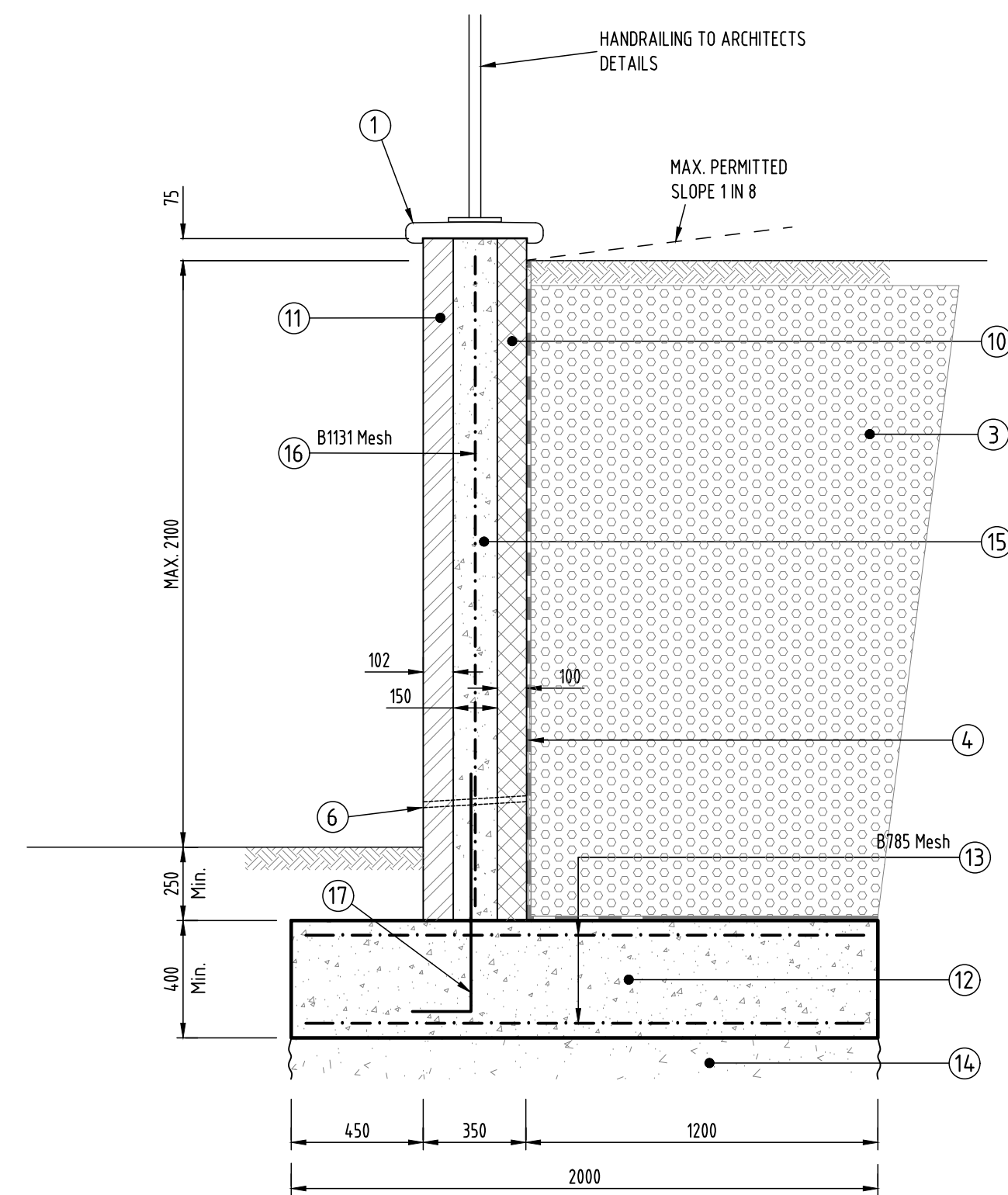
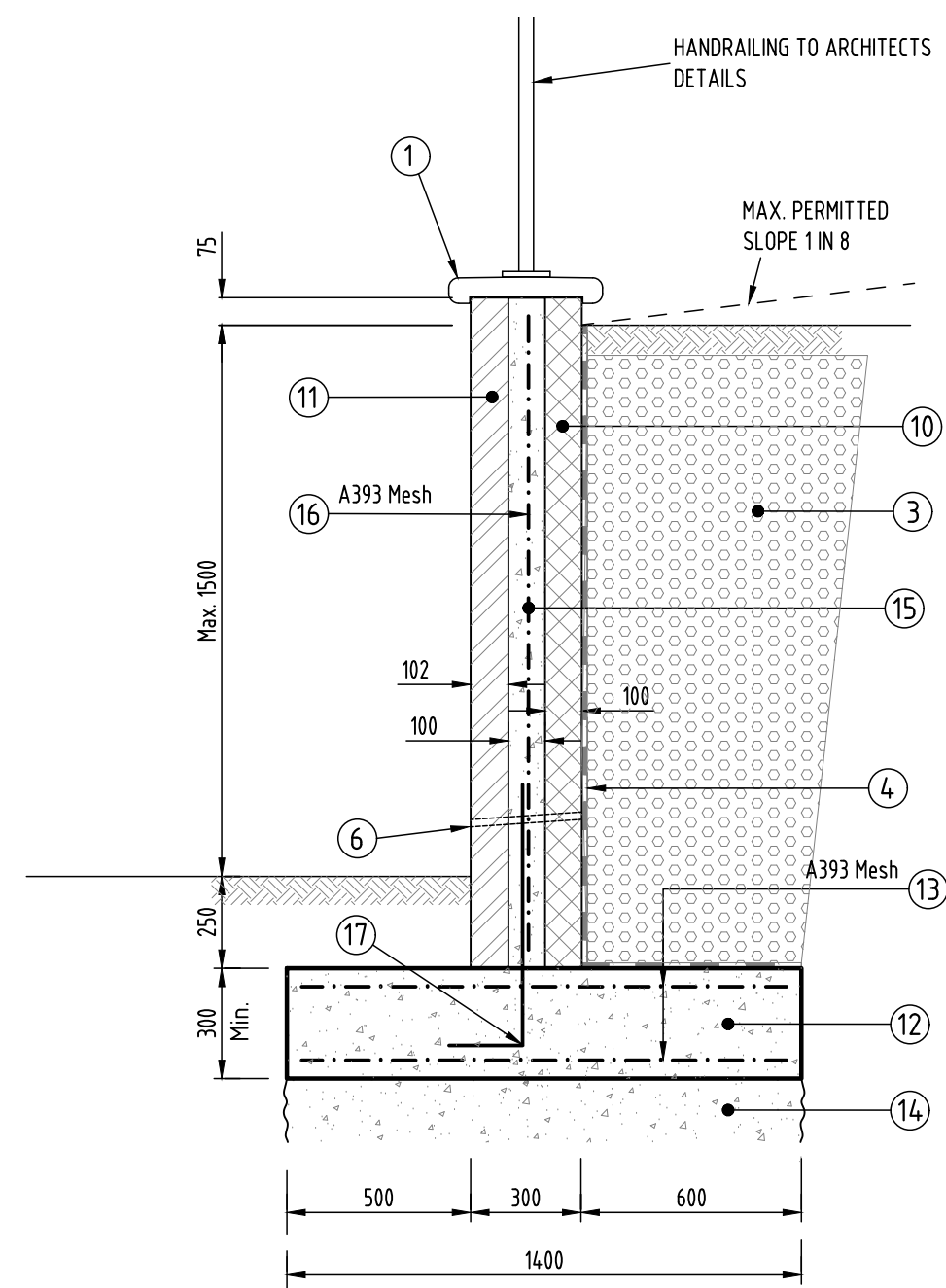
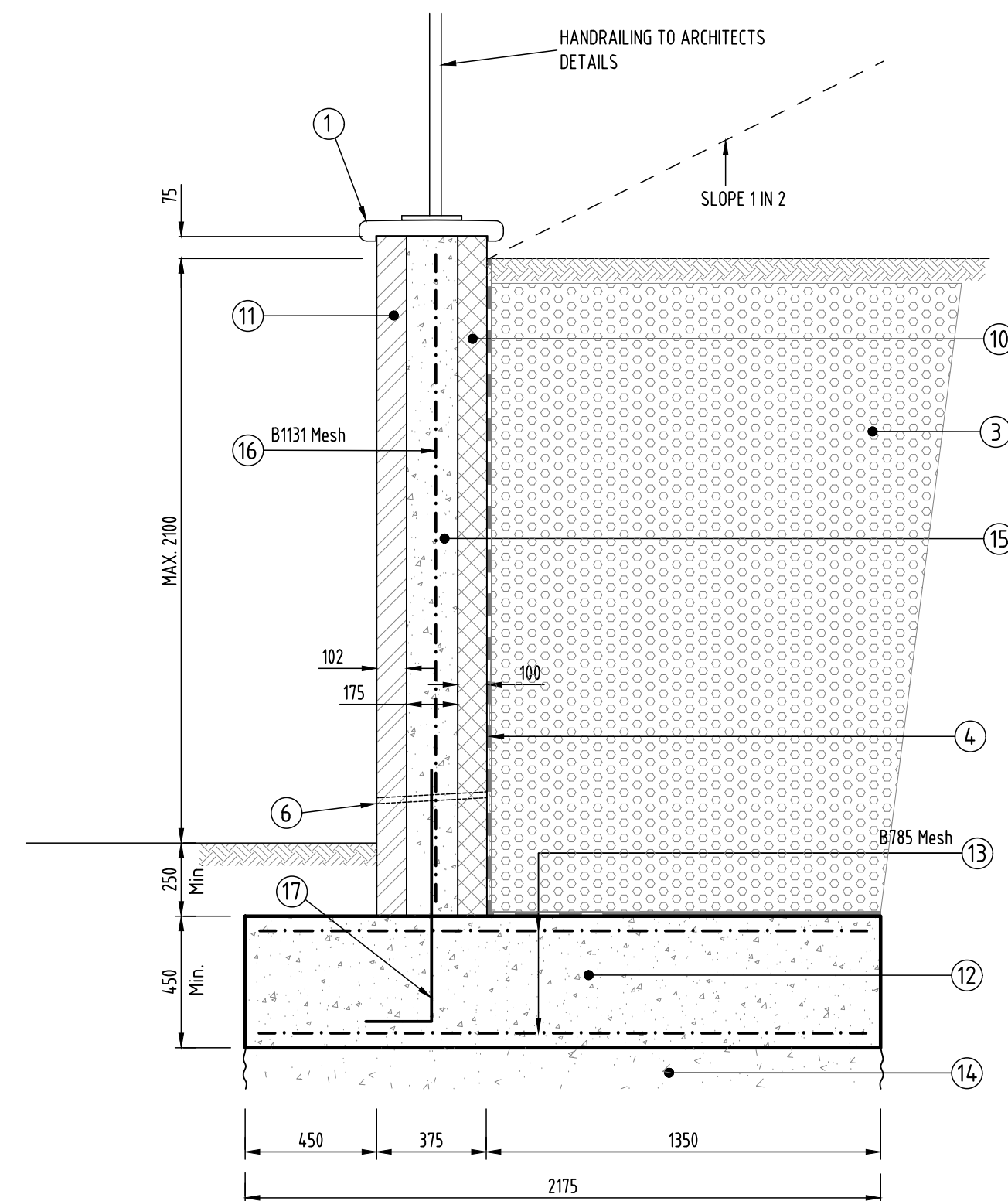
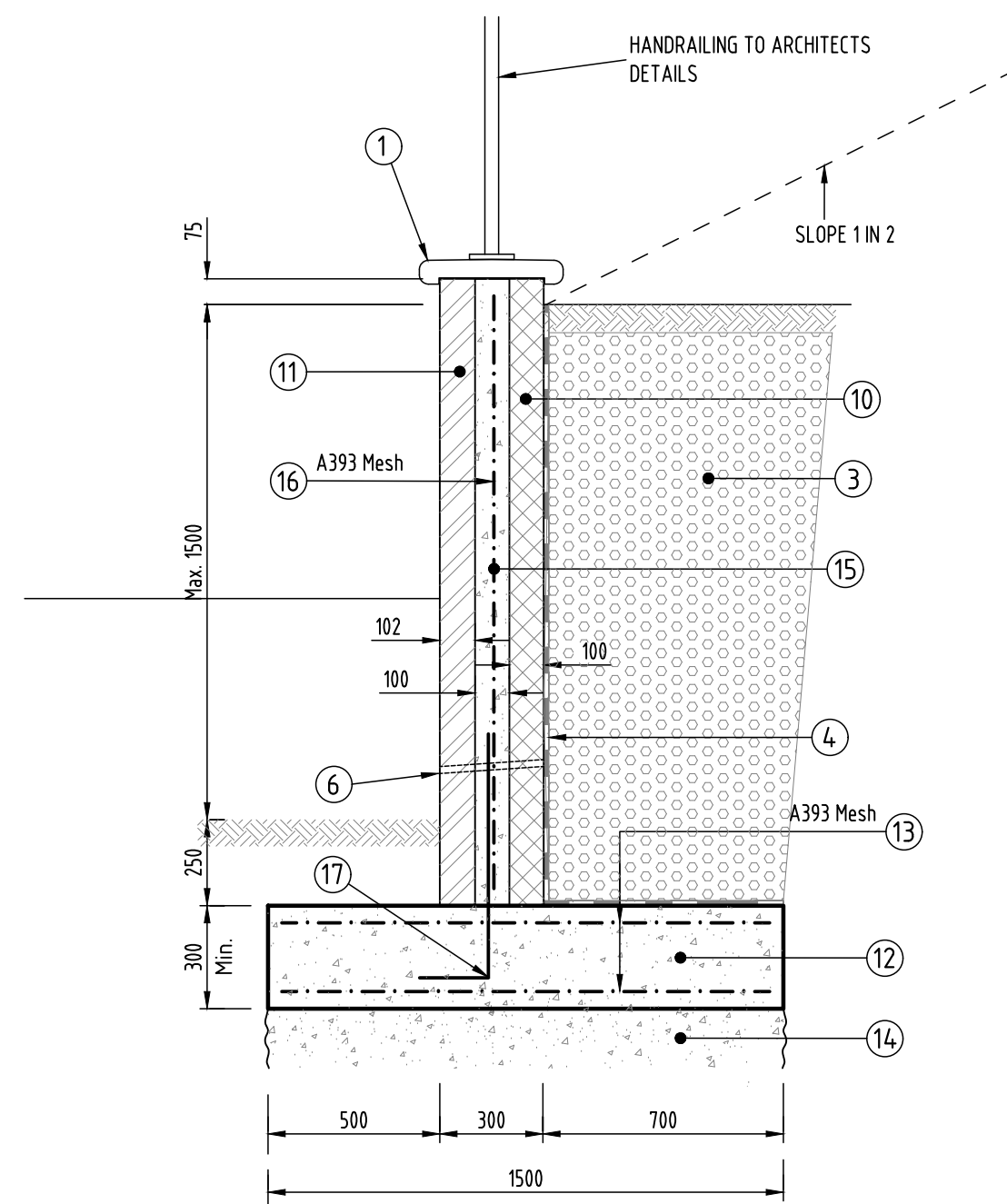




RETAINING WALLS 1 IN 8 BATTER BEHIND



RETAINING WALLS 1 IN 2 BATTER BEHIND

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 GRADE GEN 3 CONCRETE FOUNDATION.
- 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/m³, BONDED INTO BRICKWORK.
- ⑩ DENSE CONCRETE BLOCKWORK 7 N/mm. STRENGTH, MIN. DENSITY 18 kN/m³.
- ⑪ FACING BRICKWORK, MIN. BRICK STRENGTH 20 N/mm.
- ⑫ GRADE C28/35 (RC35) CONCRETE FOUNDATION.
- ⑬ A393 or B785 MESH IN TOP & BOTTOM OF FOUNDATION 40mm COVER, 400mm LAPS.
- ⑭ GEN 3 MASS CONCRETE FILL TO SUITABLE BEARING STRATA WHERE APPLICABLE.
- ⑮ 100/150 CAPVILE FILLED WITH GRADE C28/35 (RC35) CONCRETE
- ⑯ MESH REINFORCEMENT: A393, B785 or B1311 MESH AT CANT AS NOTED. 500mm LAP WITH STARTER BAR.
- ⑰ STARTER BARS - H12's @ 200 CENTRES.

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.

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REV.	DATE	DETAILS	BY.	CHK.
AMENDMENTS				

CLIENT:

CONSULTING
ENGINEERS

PHG CONSULTING LTD
62A ALBANY ROAD
CARDIFF CF24 3RR
T : +44(0)29 2030 2521
E : enquiries@phg-consulting.com
W : www.phg-consulting.co.uk

 @PHG_consulting
 www.linkedin.com/company/phg-consulting-engineers

PROJECT:

Holbrook Homes
Bryniau Road,
Pant, Merthyr Tydfil

DRAWING TITLE:

Retaining Walls
Cavity Fill to 2.1m High
Sheet 2 of 2

DRAWN:	CHK:	STATUS:	SCALE:
DJT	WW	Preliminary	As shown

DATE:	JOB NO.	DRG. NO.	REV.
02/12/19	1982	002	

NOTE:

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