

TYPICAL SECTION SHOWING DRY-STACK RETAINING WALL (>0m TO 1m EXPOSED HEIGHT)

TOPMOST ROW -LOCKED WITH 20 MPa

GRADE A4

FOOTING: REINFORCEMENT TO DETAIL C 25MPa CONCRETE

TYPICAL SECTION SHOWING DRY-STACK

RETAINING WALL (>2m TO 3m EXPOSED HEIGHT)

GEOTEXTILE

170x170x15mm STONE

G7 QUALITY MATERIAL

170x170x15mm STONE
WEEPHOLES @ 1,5m CENTRES
HORIZONTAL WRAPPED IN GRADE

eq G7 QUALITY MATERIAL

STABILISED WITH 6%

HORIZONTAL WRAPPED IN GRADE A2 GEOTEXTILE MEMBRANE.

CEMENT BY VOLUME

170x170x15mm STONE WEEPHOLES @ 1,5m CENTRES

BLOCK INCLINATION

A2 GEOTEXTILE MEMBRANE.

STABILISED WITH 6%

CEMENT BY VOLUME

WEEPHOLES @ 1,5m CENTRES HORIZONTAL WRAPPED IN GRADE

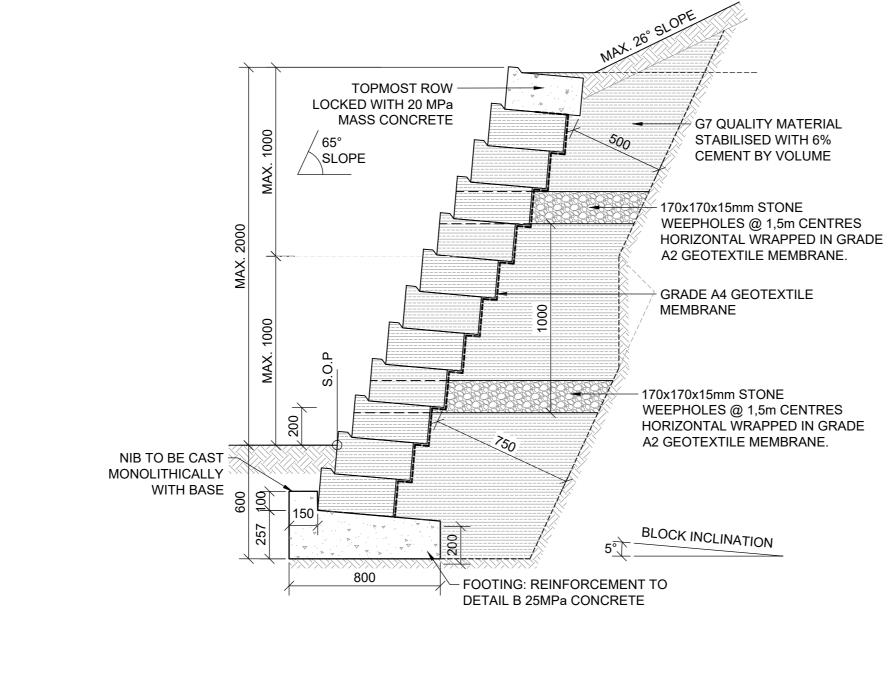
A2 GEOTEXTILE MEMBRANE.

MASS CONCRETE

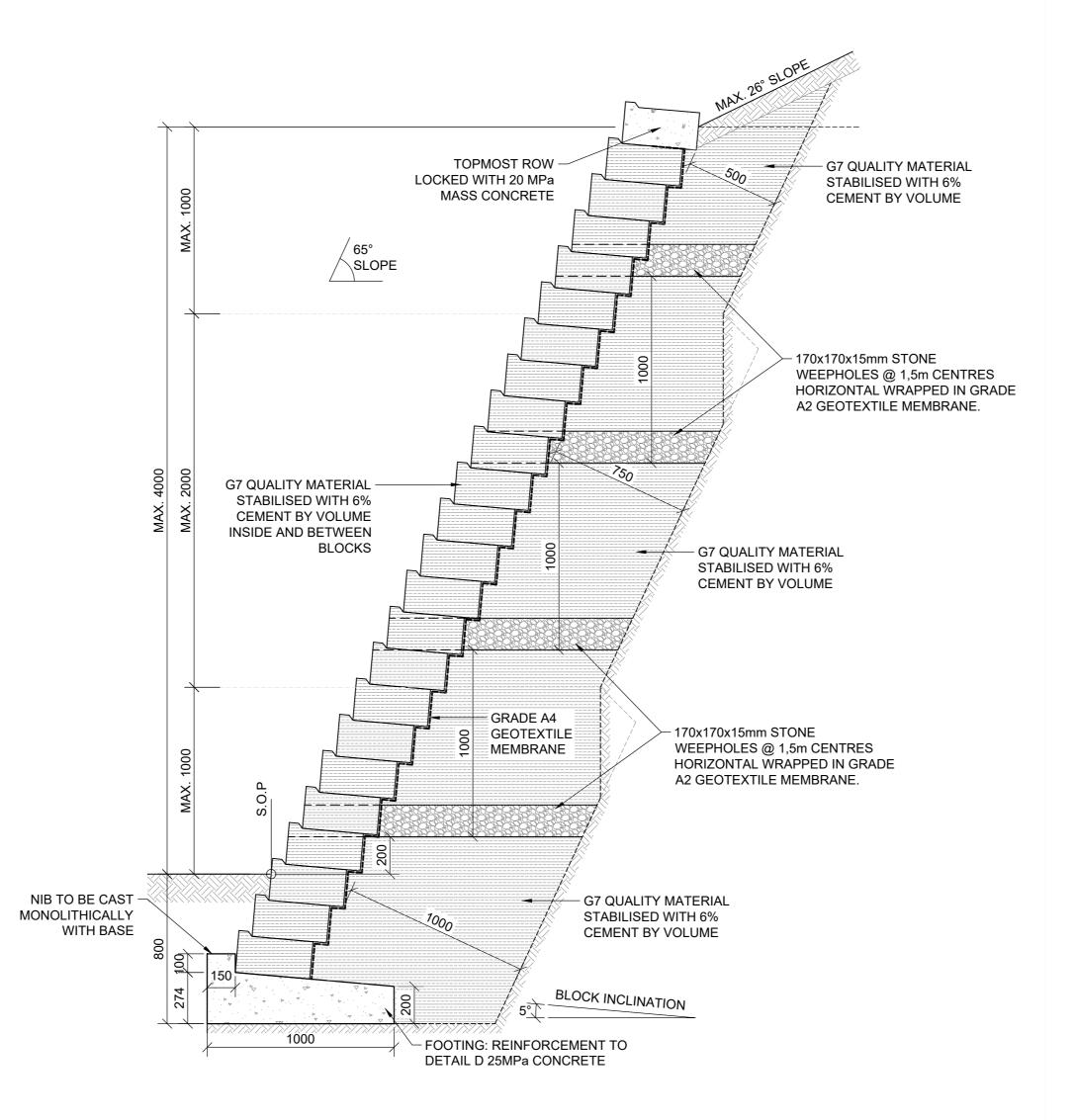
SLOPE

NIB TO BE CAST -MONOLITHICALLY

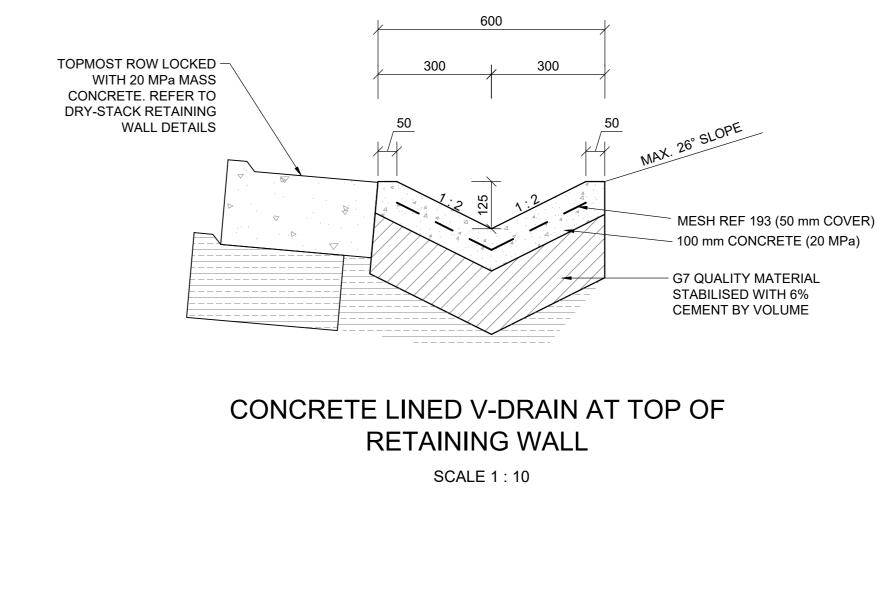
WITH BASE



TYPICAL SECTION SHOWING DRY-STACK RETAINING WALL (>1m TO 2m EXPOSED HEIGHT)



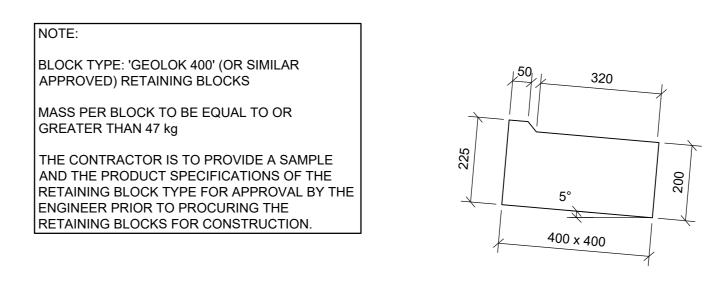
TYPICAL SECTION SHOWING DRY-STACK RETAINING WALL (>3m TO 4m EXPOSED HEIGHT)



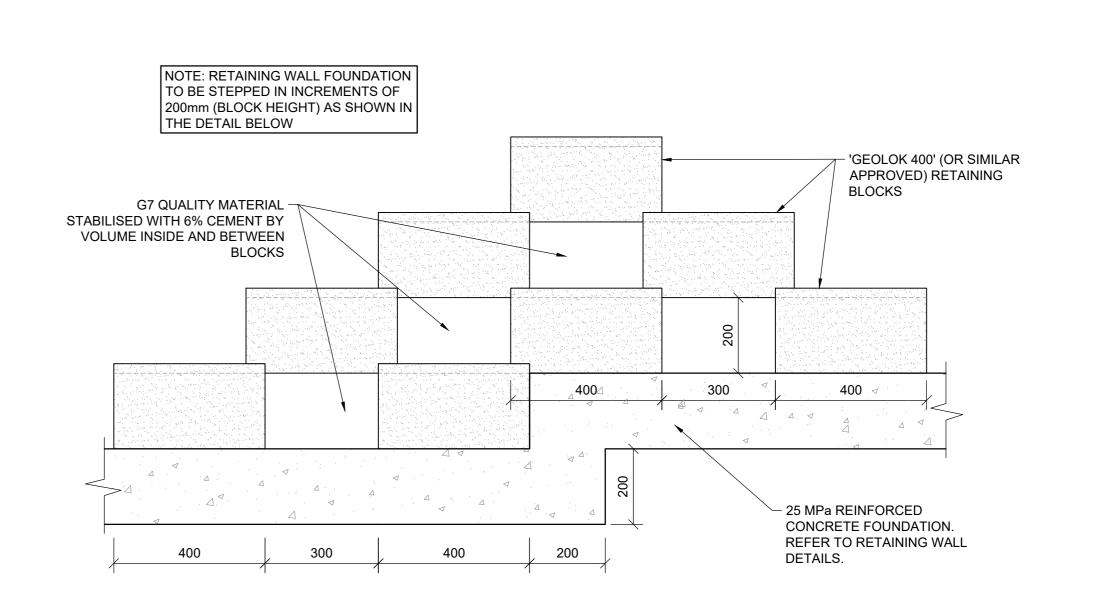
NOTE: V-DRAIN POSITION TO BE

BY THE ENGINEER

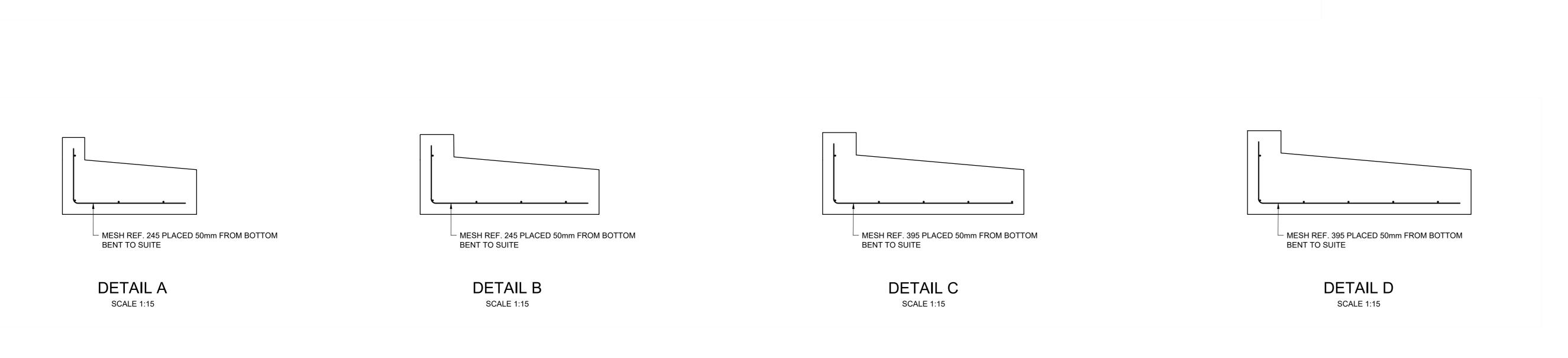
FINALISED ON SITE, AS DIRECTED



TYPICAL RETAINING BLOCK DETAIL SCALE 1:10



TYPICAL DRY-STACK RETAINING WALL STEPPED FOUNDATION DETAIL



REFERENCE DRAWINGS DESCRIPTION BY DATE P1 ISSUED FOR TENDER Z.M 2023.05.3 fessional person S.SIRPUTH PrTechEng Author Registration 201470135 E'eTHEKWINI INCREMENTAL SERVICES GUMTREE ROAD, KENVILLE, WARD 34 TYPICAL DRY STACK RETAINING WALL DETAILS

RETAINING WALL

1. ALL LEVELS AND DIMENSIONS TO BE CHECKED ON SITE. 2. ALL CONCRETE WORK IS TO COMPLY WITH SANS 1200G.

4. ALL FOUNDATION EXCAVATIONS ARE TO BE INSPECTED BY THE

6. SIX CONCRETE CUBES TO BE TAKEN PER BATCH. THREE CUBES

TO BE TESTED AT SEVEN DAYS, THE REMAINDER AT TWENTY EIGHT DAYS. THE RESULTS ARE TO BE FORWARDED TO THE

8. ALL BACKFILL TO BE COMPACTED TO 93% MOD AASHTO DENSITY

SUCH A MANNER AS TO OBVIATE SCOUR BEHIND OR OVER -

10. THE CONTRACTOR IS TO PROVIDE A SAMPLE AND THE PRODUCT

SPECIFICATIONS OF THE RETAINING BLOCK TYPE FOR APPROVAL

BY THE ENGINEER PRIOR TO PROCURING THE RETAINING BLOCKS

9. STORM WATER BEHIND THE TOP OF THE WALL TO BE MANAGED IN

5. ALL REINFORCING FIXING IS TO BE INSPECTED BY THE ENGINEER

3. CONCRETE GRADE :- FOUNDATION 25 / 19

ENGINEER FOR REVIEW AND APPROVAL. 7. SET BOTTOM ROW OF BLOCKS IN WET CONCRETE.

PRIOR TO CASTING OF CONCRETE.

TOPPING OF THE WALL.

FOR CONSTRUCTION.

ENGINEER PRIOR TO CASTING OF CONCRETE.

FOR TENDER

DATE 2022.09.12 APPROVED A.S PL DRAWING No. 557/GUMT-PH2/904 REV P1

Z.M

DRAWN

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SCALES

AS SHOWN

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