



'LANDMARK' PRECAST  
CONCRETE UNIT (550mm WIDE  
X 600mm HIGH)  
MANUFACTURED BY BROOKLIN  
CONCRETE PRODUCTS (TYP.)

900mm WIDE x 250mm  
DEEP GRANULAR 'A' BASE  
COMPACTED TO 98% SPMD

FOUNDATION SOIL.  
DESIGN BEARING  
PRESSURE 110 kPa

RETAINED SOIL.  
- EFFECTIVE INTERNAL ANGLE OF FRICTION: 28 DEG.  
- SOIL DENSITY: 18 kN/m<sup>3</sup>  
(SOIL PROPERTIES TO BE VERIFIED DURING CONST.)

GEOGRID. MIRAGRID 3XT OR  
REVIEWED EQUIVALENT.

INFILL SOIL GRANULAR 'B'  
COMPACTED TO 98% SPMD, PLACED  
IN 200 mm LIFTS (MAX.)

PERFORATED DRAIN PIPE WRAPPED  
IN FILTER CLOTH. CONNECT DRAIN  
TO FREE-FLOWING OUTLET.

# TYPICAL CROSS-SECTION

SCALE 1:50

NOT FOR CONSTRUCTION



MANUFACTURED:  
BROOKLIN, ON  
1-800-655-3430

- NOTES:
1. THIS DRAWING IS TO BE USED FOR PRELIMINARY DESIGN AND PRICING ONLY. FINAL DESIGN IS TO BE CARRIED OUT BY A PROFESSIONAL ENGINEER
  2. GLOBAL STABILITY ANALYSIS AND EARTHQUAKE EFFECTS HAVE NOT BEEN INCLUDED IN THE DESIGN

DRAWN BY:  
S.RIMLAND  
  
DATE:  
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LANDMARK PRECAST  
RETAINING WALL  
  
3:1 HORIZONTAL TO VERTICAL BACKSLOPE  
4200mm HIGH