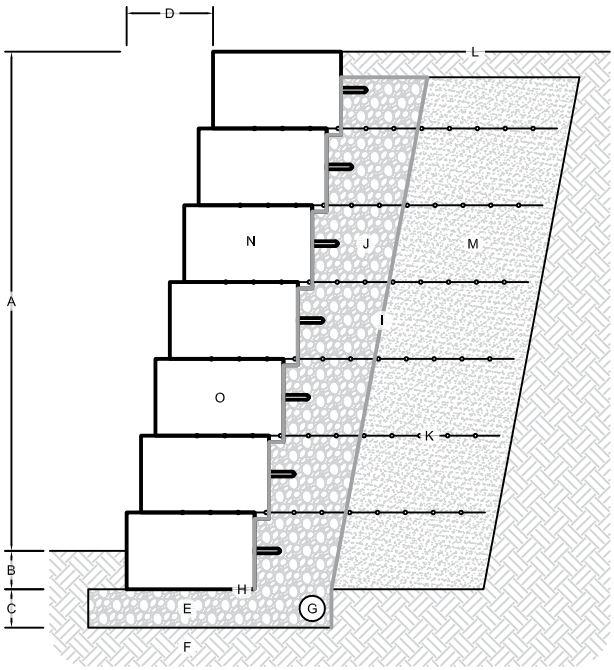
PRELIMINARY DETAIL
NOT FOR FINAL CONSTRUCTION



TYPICAL REINFORCED RETAINING WALL DETAIL

(NO SCALE)

A. Wall height above grade (varies)
B. Wall buried beneath grade (varies by design, min. 6")
C. Leveling pad depth (varies by design, min. 6")
D. $2\frac{1}{4}$" setback per 12" vertical (10.6°)
E. Crushed stone leveling pad
F. Foundation soil compacted to 95% max. dry density
G. 4" corrugated perforated drain pipe
H. Shear heel removed from base block
I. Min. 3.5 oz. non-woven geotextile fabric (recommended)
J. Drainstone (ASTM #57), min. 12" behind wall
K. Geogrid reinforcement sandwiched between the block course (length, vertical placement, and geogrid type varies by design)
L. Finish grade to drain away from the wall
M. Reinforced soil compacted to 95% max. dry density
N. Place 12" by 18" strip of geotextile fabric in v-shaped joint between blocks
O. Grand Ledge wall blocks

This drawing is for reference only. Determination of the suitability and/or manner of use of any details contained in this document is the sole responsibility of the design engineer of record. Final project designs, including all construction details, shall be prepared by a licensed professional engineer using the actual conditions of the proposed site.

DRAWN BY: BOB CONKLIN	TITLE: GRAND LEDGE TYPICAL REINFORCED RETAINING WALL	HIGH FORMAT® 05481 US 31 SOUTH, CHARLEVOIX, MI 49720 877-777-6558 • highformat.com
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DATE: 4/1/2024		
SHEET NO.: 1 OF 1	DRAWING TITLE: Grand Ledge Typical Details [rev 2024].dwg	