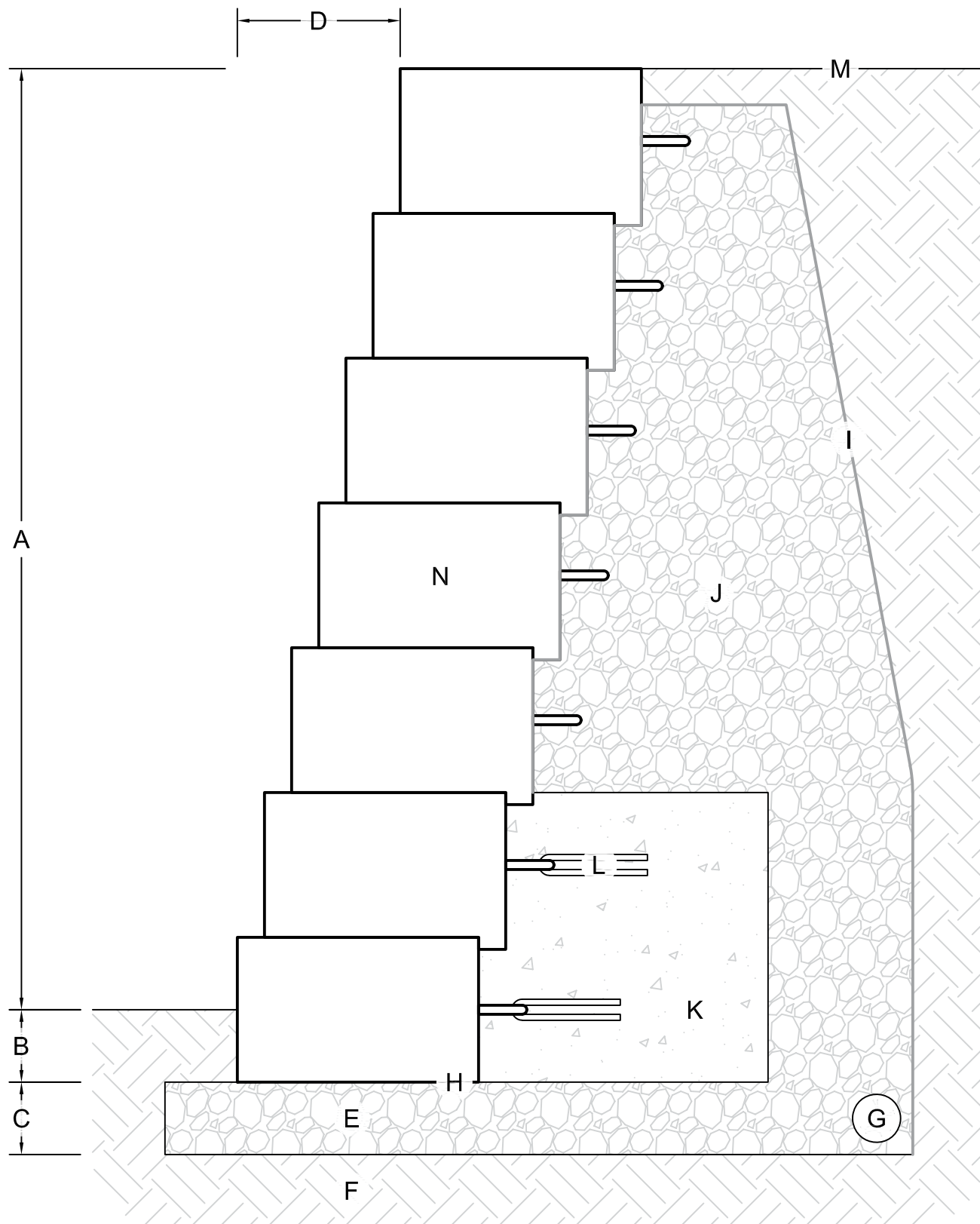


PRELIMINARY DETAIL
NOT FOR FINAL CONSTRUCTION



RETAINING WALL WITH CAST-IN-PLACE CONCRETE BACKFILL
(NO SCALE)

- A. Wall height above grade (varies by design)
- B. Wall buried beneath grade (varies by design, min. 6 in.)
- C. Leveling pad depth (varies by design, min. 6 in.)
- D. 2 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 & cast-in-place concrete
- K. Cast-in-place Redi-mix concrete, min. 2,500 psi (height & depth vary by design)
- L. #4 rebar, 18" lengths bent in half (9" embedment), installed on every loop
- M. Finish grade to drain away from the wall
- N. 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/CARISSA

APPROVED BY:

DATE: 4/1/2024

SHEET NO.: 1 OF 1

TITLE:

**GRAND LEDGE TYPICAL RETAINING WALL
WITH CAST-IN-PLACE CONCRETE BACKFILL DETAILS**

DRAWING TITLE: Grand Ledge Typical Details [rev 2024].dwg



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