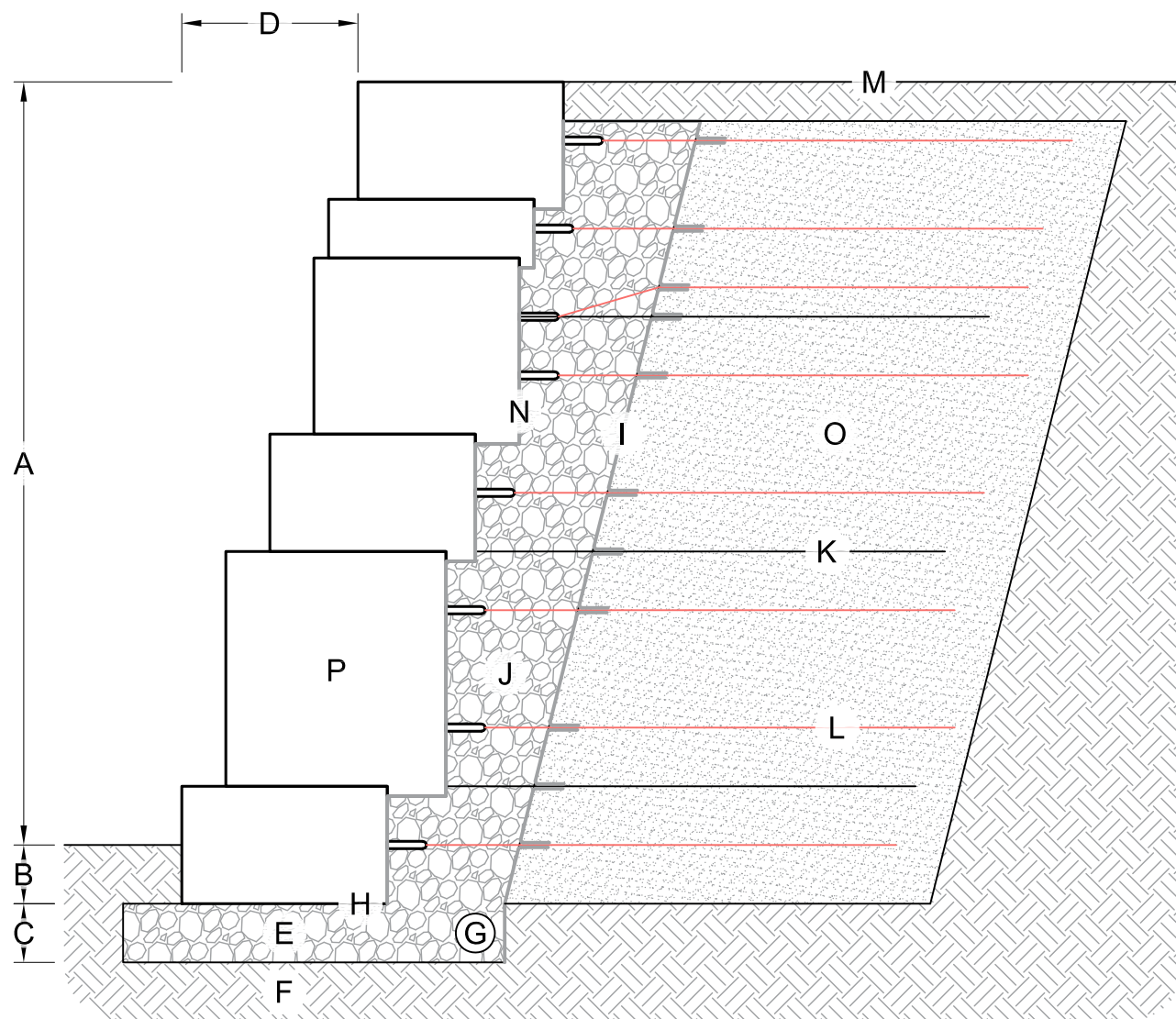


PRELIMINARY DETAIL
NOT FOR FINAL CONSTRUCTION



TYPICAL RETAINING WALL WITH SOIL REINFORCEMENT
(NO SCALE)

- A. Exposed 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. 3" horizontal setback per 12" vertical (14° batter angle)
- 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. Non-woven geotextile fabric (recommended)
- J. Drainstone (ASTM #57), min. 12" behind wall
- K. Geogrid reinforcement, abutting the backside of the block (length, vertical placement, and geogrid type varies by design)
- L. Paraweb strap installed on every loop (embedment depth varies by design, maintain min. 3" vertical from geogrid)
- M. Finish grade to drain away from the wall
- N. Non-woven geotextile fabric at back of blocks and top of drainstone (required)
- O. Reinforced soil compacted to 95% max dry density
- P. Outcropping 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

TITLE:

APPROVED BY:

OUTCROPPING RETAINING WALL WITH SOIL REINFORCEMENT

DATE: 4/1/2024

SHEET NO.: 1 OF 1

DRAWING TITLE: Outcropping Typical Details [rev 2024].dwg



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