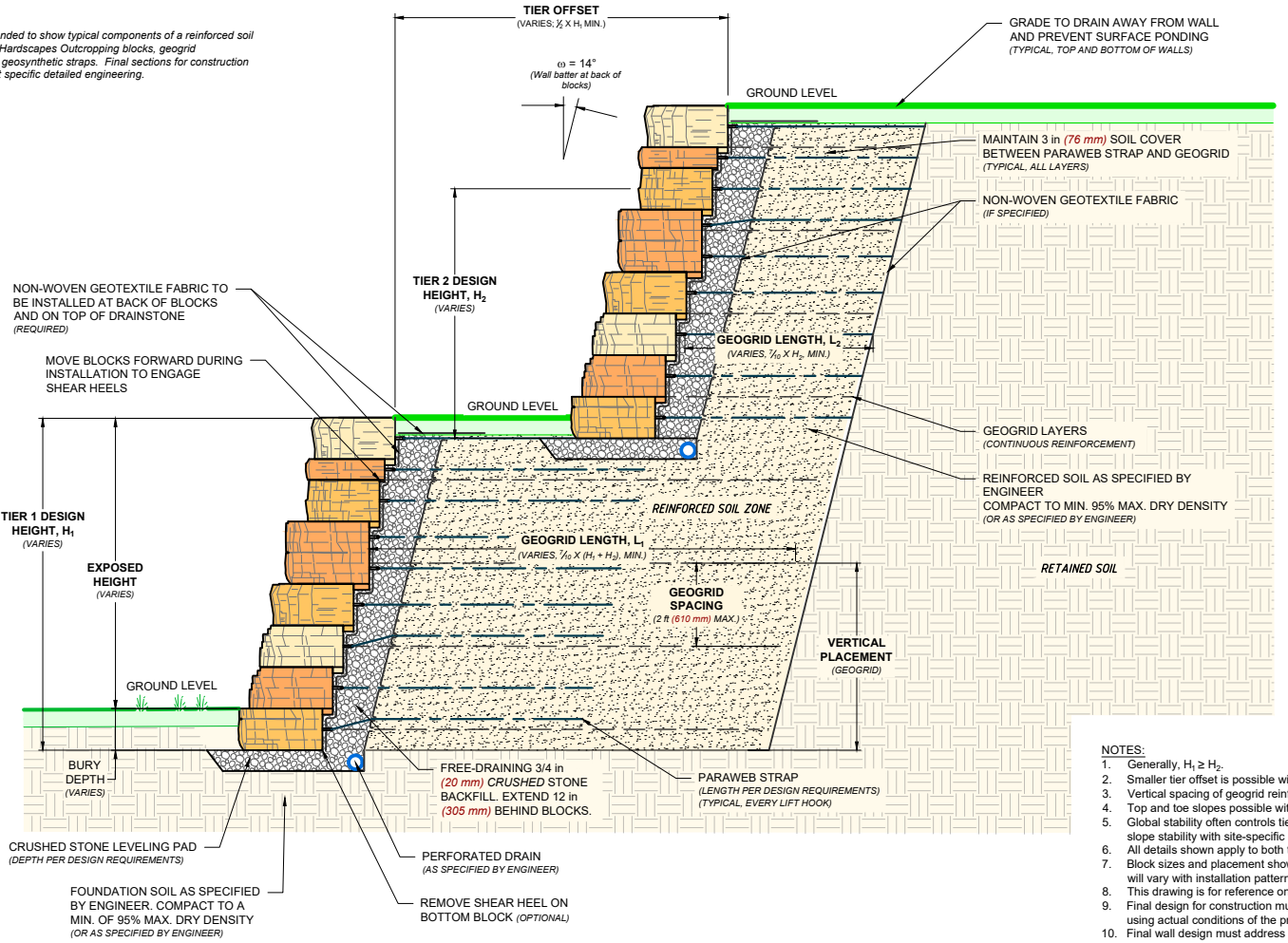
This drawing is intended to show typical components of a reinforced soil wall using Rosetta Hardscapes Outcropping blocks, geogrid reinforcement, and geosynthetic straps. Final sections for construction must be per project specific detailed engineering.



TYPICAL SECTION

(NO SCALE)

NOTES:

1. Generally, $H_1 \geq H_2$.
2. Smaller tier offset is possible with site-specific engineering.
3. Vertical spacing of geogrid reinforcing generally ≤ 2 feet *(610 mm)*.
4. Top and toe slopes possible with site-specific engineering.
5. Global stability often controls tiered wall design. Geotechnical engineer should analyze slope stability with site-specific conditions.
6. All details shown apply to both tiers.
7. Block sizes and placement shown are for reference only. Individual outcropping blocks will vary with installation pattern.
8. This drawing is for reference only, not for construction.
9. Final design for construction must be prepared by a registered professional engineer using actual conditions of the proposed site.
10. Final wall design must address both internal and external drainage and shall be evaluated by the professional engineer who is responsible for the wall design.

LEGEND:

= GEOGRID

= PARAWEB STRAP

DRAWN BY: N. Lindwall/MRV	TITLE: TYPICAL REINFORCED TIERED WALL SECTION
APPROVED BY: J. Johnson	
DATE: 15-JUL-2025	
SHEET NO. : 1 of 1	DRAWING FILE: Tiered Reinforced Wall - Typical Section.dwg

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