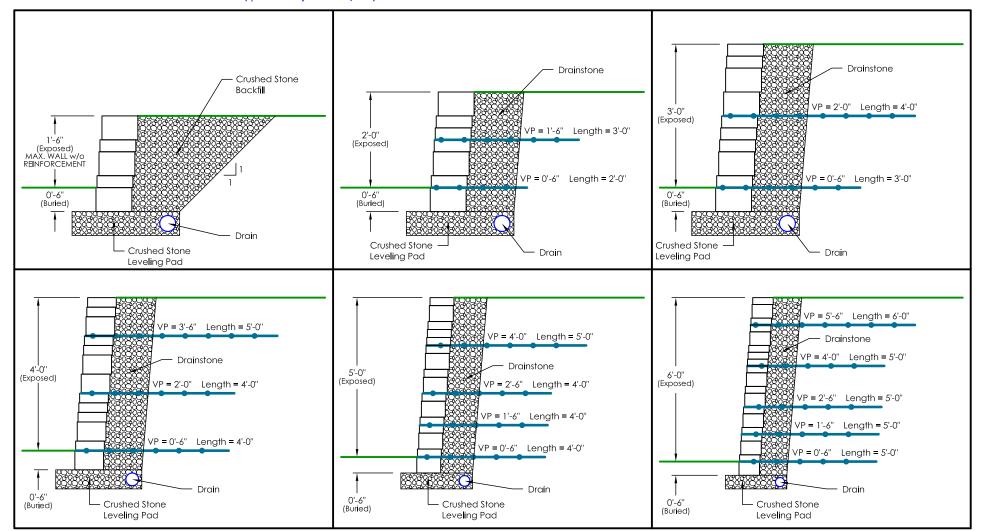
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SILTY SAND or CLAYEY SAND ($\phi = 28^{\circ}$, $\gamma = 120 \text{ pcf}$) NO BACKSLOPE



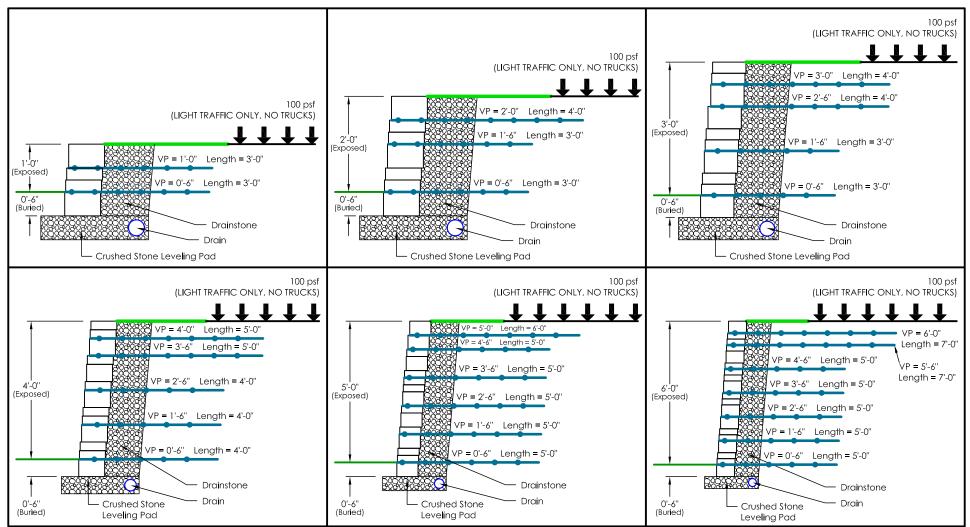
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- · Seismic conditions are not included in these guides and must be analyzed based on site specific conditions.
- · Vertical placement (VP) of geogrid is measured up from the bottom of the blocks/top of the stone leveling
- · Length of geogrid is measured from the front of the Belvedere blocks.

- ·These guides assume a flat "toe" slope at the bottom of the wall. Toe slopes must be analyzed based on site conditions.
- · Minimum Factors of Safety for the assumed conditions shown above are 1.5 for sliding, 2.0 for overturning, and 2.0 for bearing capacity.
- Designs are in general accordance with NCMA's Design Manual for Segmental Retaining Walls, 2nd Ed.
- · Reinforced and Backfill soils are to be compacted to 95% maximum dry density (Standard Proctor).
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SILTY SAND or CLAYEY SAND ($\phi = 28^{\circ}$, $\gamma = 120$ pcf) **NO BACKSLOPE**

LIGHT TRAFFIC SURCHARGE (NO TRUCKS) (100 PSF)



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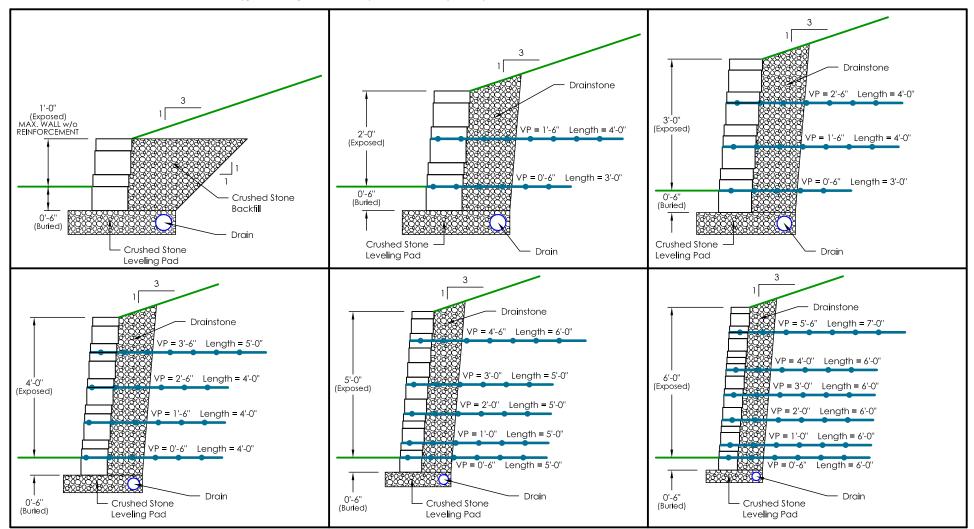
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SILTY SAND or CLAYEY SAND ($\phi = 28^{\circ}$, $\gamma = 120$ pcf) 1 on 3 (18.5°) BACKSLOPE

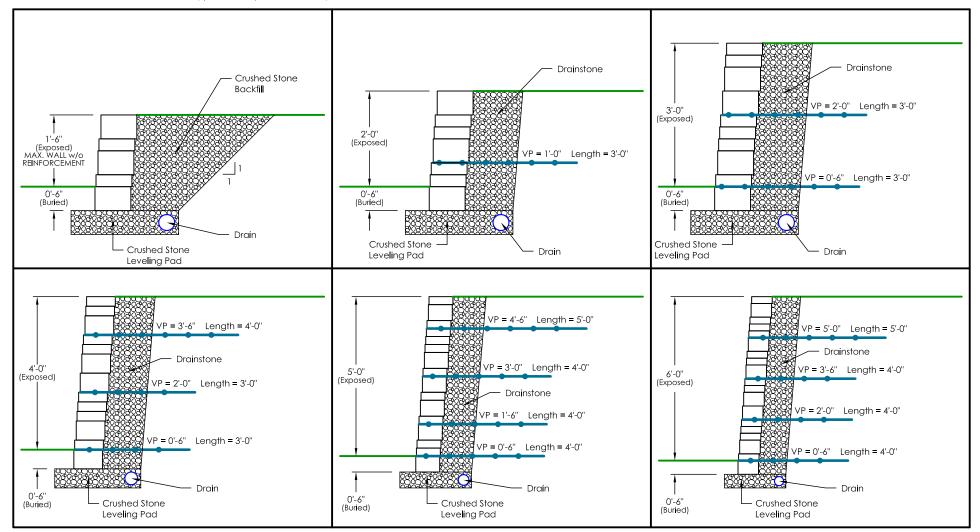


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FINE TO MEDIUM SAND ($\phi = 30^{\circ}$, $\gamma = 120 \text{ pcf}$) NO BACKSLOPE



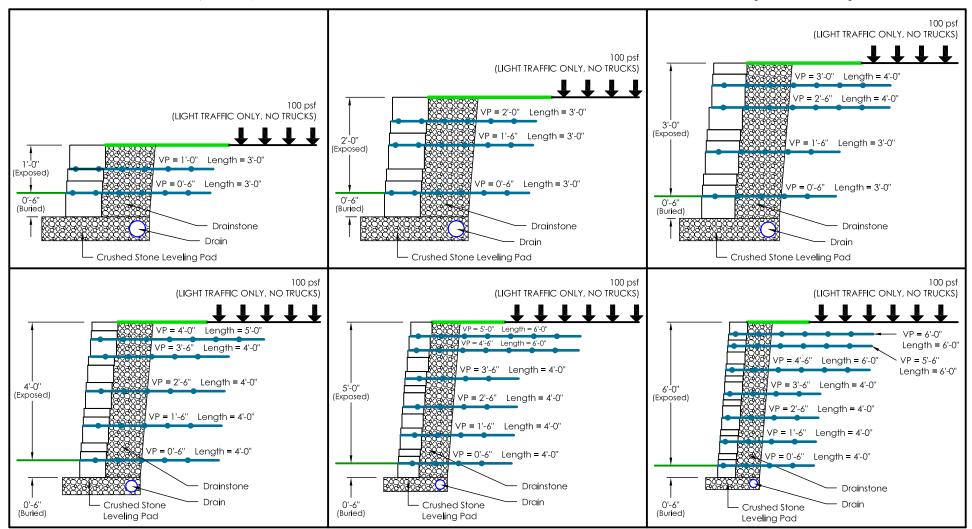
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FINE TO MEDIUM SAND ($\phi = 30^{\circ}$, $\gamma = 120$ pcf) NO BACKSLOPE

LIGHT TRAFFIC SURCHARGE (NO TRUCKS) (100 PSF)



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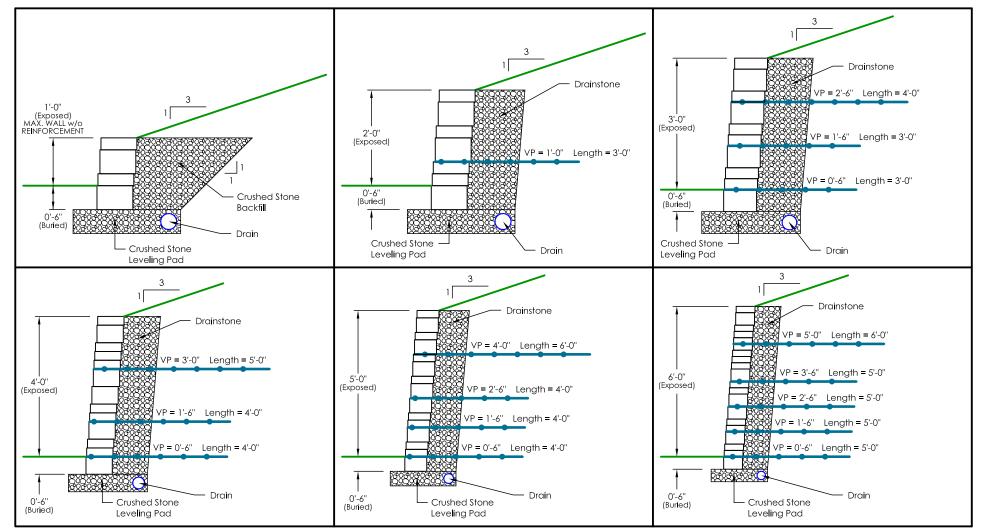
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FINE TO MEDIUM SAND ($\phi = 30^{\circ}$, $\gamma = 120 \text{ pcf}$) 1 on 3 (18.5°) BACKSLOPE



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