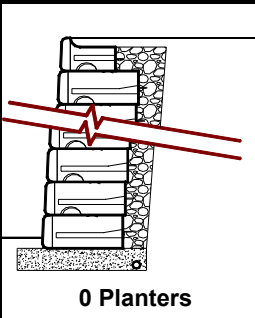
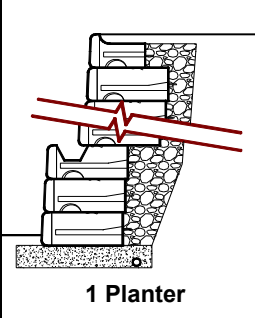
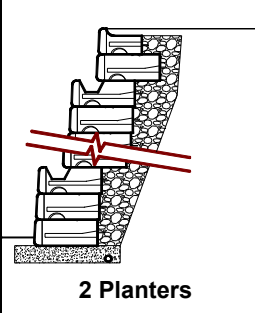


Dense Well Graded Sand, Sand & Gravel - Internal Angle of Friction (Φ) = 34° Non Reinforced Walls with 41" Wide Blocks

Load Condition A, B, and C

Place planter blocks to approximate average batter angle.

	LOAD CONDITION A No Back Slope No Surcharge			LOAD CONDITION B No Back Slope 250 psf Live Load Surcharge			LOAD CONDITION C 2.5 : 1 Back Slope No Surcharge		
	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad
 <p>0 Planters</p>	0' to 7'-6"	6"	6"	0' to 7'-6"	6"	6"	0' to 7'-6"	6"	6"
	9'-0"	6"	1'-0"	9'-0"	6"	1'-0"	9'-0"	6"	1'-0"
	10'-6"	6"	1'-0"	10'-6"	6"	1'-0"			
	12'-0"	1'-0"	1'-0"						
 <p>1 Planter</p>	7'-6"	6"	6"	6'-0"	6"	6"	6'-0"	6"	6"
	9'-0"	6"	1'-0"	7'-6"	6"	6"	7'-6"	6"	6"
	10'-6"	6"	1'-0"	9'-0"	6"	1'-0"	9'-0"	6"	1'-0"
	12'-0"	1'-0"	1'-0"	10'-6"	6"	1'-0"	10'-6"	6"	1'-0"
	13'-6"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"			
	15'-0"	1'-0"	1'-0"						
 <p>2 Planters</p>	9'-0"	6"	1'-0"	9'-0"	6"	1'-0"	9'-0"	6"	1'-0"
	10'-6"	6"	1'-0"	10'-6"	6"	1'-0"	10'-6"	6"	1'-0"
	12'-0"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"
	13'-6"	1'-0"	1'-0"	13'-6"	1'-0"	1'-0"			
	15'-0"	1'-0"	1'-0"						
	16'-6"	1'-0"	1'-0"						

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Determination of the suitability of each chart is the sole responsibility of the user. **Final designs for construction purposes must be performed by a registered Professional Engineer, using the actual conditions of the proposed site.**

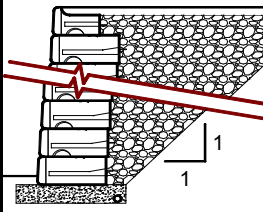
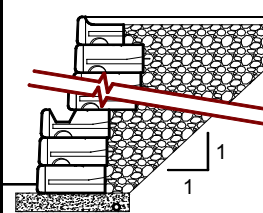
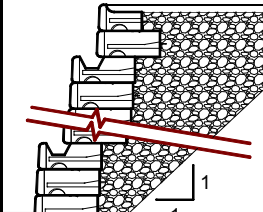
Other Notes:

- Unit weight of 28°, 30°, 34° and 40° soils is assumed to be 120pcf.
- Minimum factors of safety are 1.5 for sliding, 1.5 for overturning, 2.0 for bearing capacity and 1.3 for global stability.
- Wall stability should be verified in the final design for site specific conditions.
- The wall design shall address both internal and external drainage and shall be evaluated by the Professional Engineer who is responsible for the final wall design.
- Backfill material to be compacted to 95% standard proctor density.
- All Redi-Rock™ International Wall System Specifications are to be followed.

**Crushed Stone with $(\phi) = 40^\circ$ over Native Soil with $(\phi) = 34^\circ$
Non Reinforced Walls with 41" Wide Blocks and Crushed Stone Backfill**

Load Condition A, B, and C

Place planter blocks to approximate average batter angle.

	LOAD CONDITION A No Back Slope No Surcharge			LOAD CONDITION B No Back Slope 250 psf Live Load Surcharge			LOAD CONDITION C 2.5 : 1 Back Slope No Surcharge		
	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad
 <p>0 Planters</p>	7'-6"	6"	6"	7'-6"	6"	6"	7'-6"	6"	6"
	9'-0"	6"	1'-0"	9'-0"	6"	1'-0"	9'-0"	6"	1'-0"
	10'-6"	6"	1'-0"	10'-6"	6"	1'-0"	10'-6"	6"	1'-0"
	12'-0"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"			
	13'-6"	1'-0"	1'-0"						
 <p>1 Planter</p>	9'-0"	6"	1'-0"	9'-0"	6"	1'-0"	9'-0"	6"	1'-0"
	10'-6"	6"	1'-0"	10'-6"	6"	1'-0"	10'-6"	6"	1'-0"
	12'-0"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"
	13'-6"	1'-0"	1'-0"	13'-6"	1'-0"	1'-0"	13'-6"	1'-0"	1'-0"
	15'-0"	1'-0"	1'-0"	15'-0"	1'-0"	1'-0"			
 <p>2 Planters</p>	12'-0"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"
	13'-6"	1'-0"	1'-0"	13'-6"	1'-0"	1'-0"	13'-6"	1'-0"	1'-0"
	15'-0"	1'-0"	1'-0"	15'-0"	1'-0"	1'-0"	15'-0"	1'-6"	1'-0"
	16'-6"	1'-0"	1'-0"	16'-6"	1'-6"	1'-0"	16'-6"	1'-6"	1'-0"
	18'-0"	1'-6"	1'-0"						
	19'-6"	1'-6"	1'-0"						

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Other Notes:

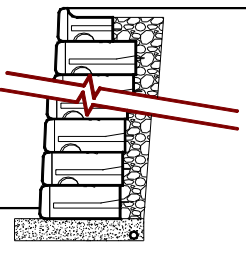
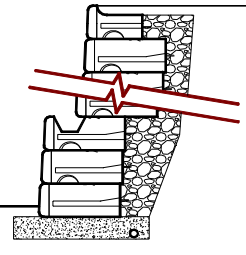
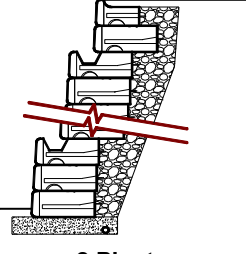
- Unit weight of 28°, 30°, 34° and 40° soils is assumed to be 120pcf.
- Minimum factors of safety are 1.5 for sliding, 1.5 for overturning, 2.0 for bearing capacity and 1.3 for global stability.
- Wall stability should be verified in the final design for site specific conditions.
- The wall design shall address both internal and external drainage and shall be evaluated by the Professional Engineer who is responsible for the final wall design.
- Backfill material to be compacted to 95% standard proctor density.
- All Redi-Rock™ International Wall System Specifications are to be followed.

Silty Sand, Fine to Medium Sand - Internal Angle of Friction (Φ) = 30°

Non Reinforced Walls with 41" Wide Blocks

Load Condition A, B, and C

Place planter blocks to approximate average batter angle.

	LOAD CONDITION A No Back Slope No Surcharge			LOAD CONDITION B No Back Slope 250 psf Live Load Surcharge			LOAD CONDITION C 2.5 : 1 Back Slope No Surcharge		
	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad
 <p>0 Planters</p>	0' to 6'-0"	6"	6"	0' to 6'-0"	6"	6"	0' to 6'-0"	6"	6"
	7'-6"	6"	6"	7'-6"	6"	6"			
	9'-0"	6"	1'-0"						
	10'-6"	6"	1'-0"						
 <p>1 Planter</p>	6'-0"	6"	6"	6'-0"	6"	6"	6'-0"	1'-0"	6"
	7'-6"	6"	6"	7'-6"	6"	6"	7'-6"	1'-0"	6"
	9'-0"	6"	1'-0"	9'-0"	1'-0"	1'-0"			
	10'-6"	6"	1'-0"						
	12'-0"	1'-0"	1'-0"						
 <p>2 Planters</p>	9'-0"	6"	1'-0"	9'-0"	1'-0"	1'-0"	9'-0"	1'-0"	1'-0"
	10'-6"	6"	1'-0"	10'-6"	1'-0"	1'-0"			
	12'-0"	1'-0"	1'-0"						
	13'-6"	1'-6"	1'-0"						

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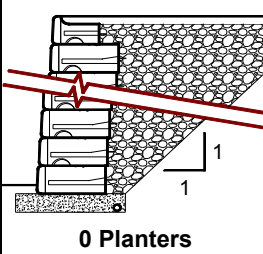
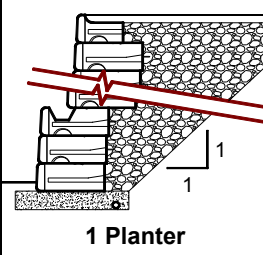
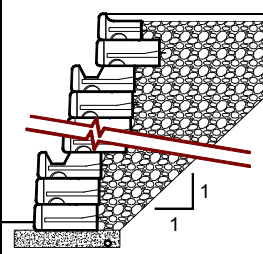
Other Notes:

- Unit weight of 28°, 30°, 34° and 40° soils is assumed to be 120pcf.
- Minimum factors of safety are 1.5 for sliding, 1.5 for overturning, 2.0 for bearing capacity and 1.3 for global stability.
- Wall stability should be verified in the final design for site specific conditions.
- The wall design shall address both internal and external drainage and shall be evaluated by the Professional Engineer who is responsible for the final wall design.
- Backfill material to be compacted to 95% standard proctor density.
- All Redi-Rock™ International Wall System Specifications are to be followed.

Crushed Stone with $(\phi) = 40^\circ$ over Native Soil with $(\phi) = 30^\circ$
Non Reinforced Walls with 41" Wide Blocks and Crushed Stone Backfill

Load Condition A, B, and C

Place planter blocks to approximate average batter angle.

	LOAD CONDITION A No Back Slope No Surcharge			LOAD CONDITION B No Back Slope 250 psf Live Load Surcharge			LOAD CONDITION C 2.5 : 1 Back Slope No Surcharge		
	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad
 <p>0 Planters</p>	7'-6"	6"	6"	7'-6"	6"	6"	7'-6"	6"	1'-0"
	9'-0"	6"	1'-0"	9'-0"	6"	1'-0"	9'-0"	6"	1'-0"
	10'-6"	6"	1'-0"	10'-6"	1'-0"	1'-0"	10'-6"	1'-0"	1'-0"
	12'-0"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"			
	13'-6"	1'-0"	1'-0"						
 <p>1 Planter</p>	9'-0"	6"	1'-0"	9'-0"	6"	1'-0"	9'-0"	1'-0"	1'-0"
	10'-6"	6"	1'-0"	10'-6"	1'-0"	1'-0"	10'-6"	1'-6"	1'-0"
	12'-0"	1'-0"	1'-0"	12'-0"	1'-6"	1'-0"	12'-0"	1'-6"	1'-0"
	13'-6"	1'-0"	1'-0"	13'-6"	1'-6"	1'-0"	13'-6"	2'-0"	1'-0"
	15'-0"	1'-6"	1'-0"	15'-0"	2'-0"	1'-0"			
	16'-6"	2'-0"	1'-0"						
 <p>2 Planters</p>	10'-6"	6"	1'-0"	10'-6"	1'-0"	1'-0"	10'-6"	1'-6"	1'-0"
	12'-0"	1'-0"	1'-0"	12'-0"	1'-6"	1'-0"	12'-0"	1'-6"	1'-0"
	13'-6"	1'-0"	1'-0"	13'-6"	1'-6"	1'-0"	13'-6"	2'-0"	1'-0"
	15'-0"	1'-6"	1'-0"	15'-0"	2'-0"	1'-0"	15'-0"	2'-6"	1'-0"
	16'-6"	2'-0"	1'-0"						

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Other Notes:

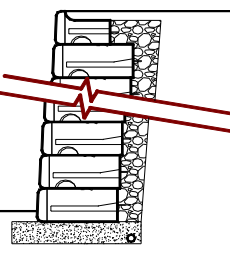
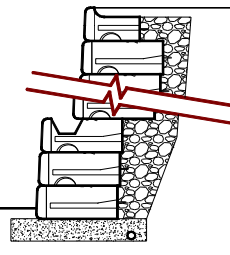
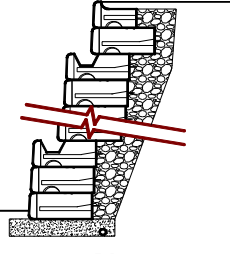
- Unit weight of 28°, 30°, 34° and 40° soils is assumed to be 120pcf.
- Minimum factors of safety are 1.5 for sliding, 1.5 for overturning, 2.0 for bearing capacity and 1.3 for global stability.
- Wall stability should be verified in the final design for site specific conditions.
- The wall design shall address both internal and external drainage and shall be evaluated by the Professional Engineer who is responsible for the final wall design.
- Backfill material to be compacted to 95% standard proctor density.
- All Redi-Rock™ International Wall System Specifications are to be followed.

Silty Sand, Clayey Sand - Internal Angle of Friction (Φ) = 28°

Non Reinforced Walls with 41" Wide Blocks

Load Condition A, B, and C

Place planter blocks to approximate average batter angle.

	LOAD CONDITION A No Back Slope No Surcharge			LOAD CONDITION B No Back Slope 250 psf Live Load Surcharge			LOAD CONDITION C 2.5 : 1 Back Slope No Surcharge		
	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad
 <p>0 Planters</p>	0' to 4'-6"	6"	6"	0' to 4'-6"	6"	6"	0' to 4'-6"	6"	6"
	6'-0"	6"	6"	6'-0"	6"	6"			
	7'-6"	6"	6"						
	9'-0"	6"	1'-0"						
 <p>1 Planter</p>	6'-0"	6"	6"	6'-0"	6"	6"	6'-0"	1'-0"	6"
	7'-6"	6"	6"	7'-6"	1'-0"	6"			
	9'-0"	6"	1'-0"						
	10'-6"	1'-0"	1'-0"						
 <p>2 Planters</p>	9'-0"	6"	1'-0"	<i>Not Applicable</i>			<i>Not Applicable</i>		
	10'-6"	1'-0"	1'-0"						

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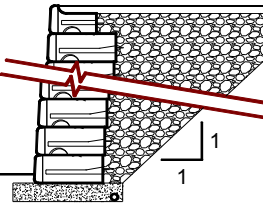
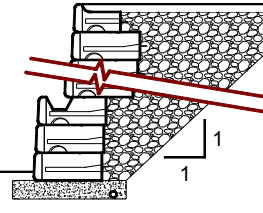
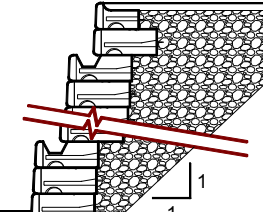
Other Notes:

- Unit weight of 28°, 30°, 34° and 40° soils is assumed to be 120pcf.
- Minimum factors of safety are 1.5 for sliding, 1.5 for overturning, 2.0 for bearing capacity and 1.3 for global stability.
- Wall stability should be verified in the final design for site specific conditions.
- The wall design shall address both internal and external drainage and shall be evaluated by the Professional Engineer who is responsible for the final wall design.
- Backfill material to be compacted to 95% standard proctor density.
- All Redi-Rock™ International Wall System Specifications are to be followed.

**Crushed Stone with $(\phi) = 40^\circ$ over Native Soil with $(\phi) = 28^\circ$
Non Reinforced Walls with 41" Wide Blocks and Crushed Stone Backfill**

Load Condition A, B, and C

Place planter blocks to approximate average batter angle.

	LOAD CONDITION A No Back Slope No Surcharge			LOAD CONDITION B No Back Slope 250 psf Live Load Surcharge			LOAD CONDITION C 2.5 : 1 Back Slope No Surcharge		
	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad
 <p>0 Planters</p>	6'-0"	6"	6"	6'-0"	6"	6"	6'-0"	1'-0"	6"
	7'-6"	6"	6"	7'-6"	1'-0"	6"	7'-6"	1'-0"	1'-0"
	9'-0"	6"	1'-0"	9'-0"	1'-0"	1'-0"	9'-0"	1'-6"	1'-0"
	10'-6"	6"	1'-0"	10'-6"	1'-0"	1'-0"	10'-6"	2'-0"	1'-0"
	12'-0"	1'-0"	1'-0"	12'-0"	1'-6"	1'-0"			
	13'-6"	1'-6"	1'-0"						
 <p>1 Planter</p>	9'-0"	6"	1'-0"	9'-0"	1'-0"	1'-0"	9'-0"	1'-6"	1'-0"
	10'-6"	1'-0"	1'-0"	10'-6"	1'-6"	1'-0"	10'-6"	2'-0"	1'-0"
	12'-0"	1'-0"	1'-0"	12'-0"	1'-6"	1'-0"	12'-0"	2'-6"	1'-0"
	13'-6"	1'-6"	1'-0"	13'-6"	2'-0"	1'-0"	13'-6"	3'-0"	1'-0"
	15'-0"	2'-0"	1'-0"	15'-0"	2'-6"	1'-0"			
	16'-6"	2'-6"	1'-0"						
 <p>2 Planters</p>	10'-6"	1'-0"	1'-0"	10'-6"	1'-6"	1'-0"	10'-6"	2'-0"	1'-0"
	12'-0"	1'-0"	1'-0"	12'-0"	2'-0"	1'-0"	12'-0"	2'-6"	1'-0"
	13'-6"	1'-6"	1'-0"	13'-6"	2'-0"	1'-0"	13'-6"	3'-0"	1'-0"
	15'-0"	2'-0"	1'-0"	15'-0"	2'-6"	1'-0"			
	16'-6"	2'-6"	1'-0"						

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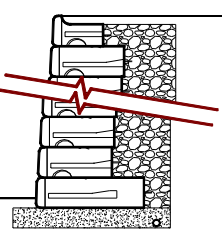
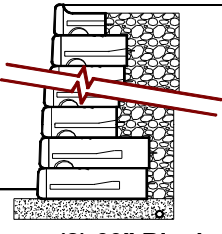
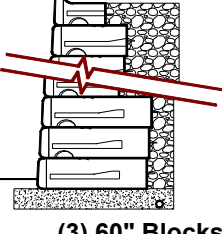
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Other Notes:

- Unit weight of 28°, 30°, 34° and 40° soils is assumed to be 120pcf.
- Minimum factors of safety are 1.5 for sliding, 1.5 for overturning, 2.0 for bearing capacity and 1.3 for global stability.
- Wall stability should be verified in the final design for site specific conditions.
- The wall design shall address both internal and external drainage and shall be evaluated by the Professional Engineer who is responsible for the final wall design.
- Backfill material to be compacted to 95% standard proctor density.
- All Redi-Rock™ International Wall System Specifications are to be followed.

Dense Well Graded Sand, Sand & Gravel - Internal Angle of Friction (Φ) = 34° Non Reinforced Walls with 60" and 41" Wide Blocks

Load Condition A, B, and C

	LOAD CONDITION A No Back Slope No Surcharge			LOAD CONDITION B No Back Slope 250 psf Live Load Surcharge			LOAD CONDITION C 2.5 : 1 Back Slope No Surcharge		
	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad
 (1) 60" Block	13'-6"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"	10'-6"	6"	1'-0"
 (2) 60" Blocks	15'-0"	1'-0"	1'-0"	13'-6"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"
 (3) 60" Blocks	16'-6"	1'-0"	1'-0"	<i>(No advantage w/ (3) 60" blocks.)</i>			<i>(No advantage w/ (3) 60" blocks.)</i>		

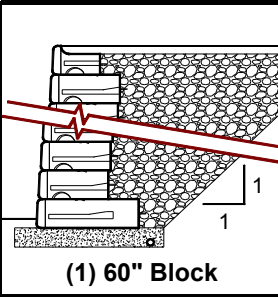
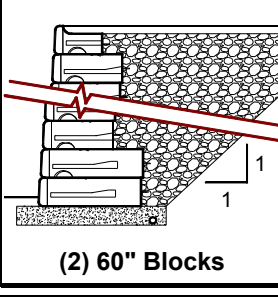
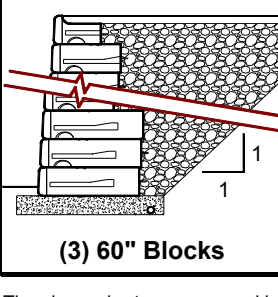
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Determination of the suitability of each chart is the sole responsibility of the user. **Final designs for construction purposes must be performed by a registered Professional Engineer, using the actual conditions of the proposed site.**

Other Notes:

- Unit weight of 28°, 30°, 34° and 40° soils is assumed to be 120pcf.
- Minimum factors of safety are 1.5 for sliding, 1.5 for overturning, 2.0 for bearing capacity and 1.3 for global stability.
- Wall stability should be verified in the final design for site specific conditions.
- The wall design shall address both internal and external drainage and shall be evaluated by the Professional Engineer who is responsible for the final wall design.
- Backfill material to be compacted to 95% standard proctor density.
- All Redi-Rock™ International Wall System Specifications are to be followed.

**Crushed Stone with $(\phi) = 40^\circ$ over Native Soil with $(\phi) = 34^\circ$
Non Reinforced Walls with 60" and 41" Wide Blocks
Load Condition A, B, and C**

	LOAD CONDITION A No Back Slope No Surcharge			LOAD CONDITION B No Back Slope 250 psf Live Load Surcharge			LOAD CONDITION C 2.5 : 1 Back Slope No Surcharge		
	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad
	15'-0"	1'-0"	1'-0"	13'-6"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"
	16'-6"	1'-0"	1'-0"	15'-0"	1'-0"	1'-0"	13'-6"	1'-0"	1'-0"
	18'-0"	1'-0"	1'-0"	16'-6"	1'-0"	1'-0"	15'-0"	1'-0"	1'-0"

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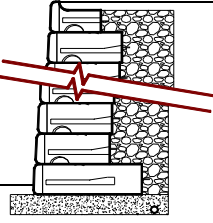
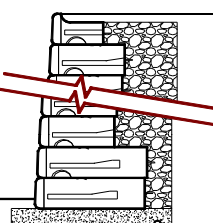
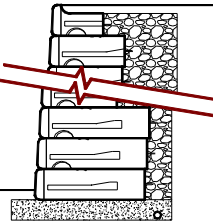
Other Notes:

- Unit weight of 28°, 30°, 34° and 40° soils is assumed to be 120pcf.
- Minimum factors of safety are 1.5 for sliding, 1.5 for overturning, 2.0 for bearing capacity and 1.3 for global stability.
- Wall stability should be verified in the final design for site specific conditions.
- The wall design shall address both internal and external drainage and shall be evaluated by the Professional Engineer who is responsible for the final wall design.
- Backfill material to be compacted to 95% standard proctor density.
- All Redi-Rock™ International Wall System Specifications are to be followed.

Silty Sand, Fine to Medium Sand - Internal Angle of Friction (Φ) = 30°

Non Reinforced Walls with 60" and 41" Wide Blocks

Load Condition A, B, and C

	LOAD CONDITION A No Back Slope No Surcharge			LOAD CONDITION B No Back Slope 250 psf Live Load Surcharge			LOAD CONDITION C 2.5 : 1 Back Slope No Surcharge		
	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad
 <p>(1) 60" Block</p>	12'-0"	1'-0"	1'-0"	9'-0"	6"	1'-0"	7'-6"	6"	6"
				10'-6"	6"	1'-0"			
 <p>(2) 60" Blocks</p>	13'-6"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"	9'-0"	1'-0"	1'-0"
 <p>(3) 60" Blocks</p>	15'-0"	1'-0"	1'-0"	(No advantage w/ (3) 60" blocks.)			(No advantage w/ (3) 60" blocks.)		

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Determination of the suitability of each chart is the sole responsibility of the user. **Final designs for construction purposes must be performed by a registered Professional Engineer, using the actual conditions of the proposed site.**

Other Notes:

- Unit weight of 28°, 30°, 34° and 40° soils is assumed to be 120pcf.
- Minimum factors of safety are 1.5 for sliding, 1.5 for overturning, 2.0 for bearing capacity and 1.3 for global stability.
- Wall stability should be verified in the final design for site specific conditions.
- The wall design shall address both internal and external drainage and shall be evaluated by the Professional Engineer who is responsible for the final wall design.
- Backfill material to be compacted to 95% standard proctor density.
- All Redi-Rock™ International Wall System Specifications are to be followed.

Crushed Stone with $(\phi) = 40^\circ$ over Native Soil with $(\phi) = 30^\circ$

Non Reinforced Walls with 60" and 41" Wide Blocks

Load Condition A, B, and C

	LOAD CONDITION A			LOAD CONDITION B			LOAD CONDITION C		
	No Back Slope No Surcharge			No Back Slope 250 psf Live Load Surcharge			2.5 : 1 Back Slope No Surcharge		
	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad
<p>(1) 60" Block</p>	13'-6"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"	12'-0"	1'-6"	1'-0"
	15'-0"	1'-0"	1'-0"	13'-6"	1'-0"	1'-0"			
<p>(2) 60" Blocks</p>	16'-6"	1'-6"	1'-0"	15'-0"	1'-6"	1'-0"	13'-6"	2'-0"	1'-0"
<p>(3) 60" Blocks</p>	18'-0"	1'-6"	1'-0"	16'-6"	1'-6"	1'-0"	15'-0"	2'-0"	1'-0"

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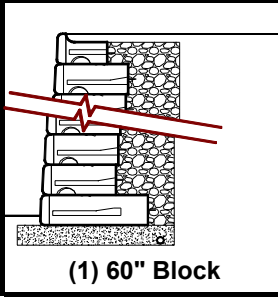
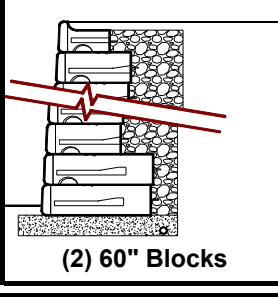
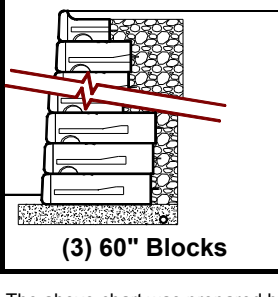
Other Notes:

- Unit weight of 28°, 30°, 34° and 40° soils is assumed to be 120pcf.
- Minimum factors of safety are 1.5 for sliding, 1.5 for overturning, 2.0 for bearing capacity and 1.3 for global stability.
- Wall stability should be verified in the final design for site specific conditions.
- The wall design shall address both internal and external drainage and shall be evaluated by the Professional Engineer who is responsible for the final wall design.
- Backfill material to be compacted to 95% standard proctor density.
- All Redi-Rock™ International Wall System Specifications are to be followed.

Silty Sand, Clayey Sand - Internal Angle of Friction (Φ) = 28°

Non Reinforced Walls with 60" and 41" Wide Blocks

Load Condition A, B, and C

	LOAD CONDITION A No Back Slope No Surcharge			LOAD CONDITION B No Back Slope 250 psf Live Load Surcharge			LOAD CONDITION C 2.5 : 1 Back Slope No Surcharge		
	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad
	10'-6"	6"	1'-0"	7'-6"	6"	6"	6'-0"	6"	6"
	12'-0"	1'-0"	1'-0"	9'-0"	6"	1'-0"			
	(No advantage w/ (2) 60" blocks.)			(No advantage w/ (2) 60" blocks.)			(No advantage w/ (2) 60" blocks.)		
	(No advantage w/ (3) 60" blocks.)			(No advantage w/ (3) 60" blocks.)			(No advantage w/ (3) 60" blocks.)		

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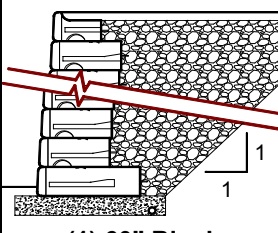
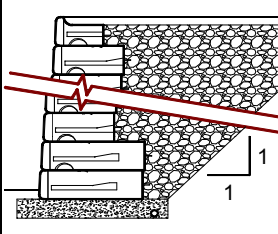
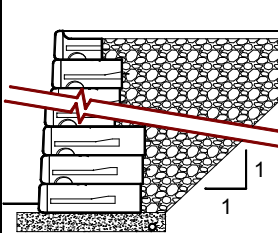
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Other Notes:

- Unit weight of 28°, 30°, 34° and 40° soils is assumed to be 120pcf.
- Minimum factors of safety are 1.5 for sliding, 1.5 for overturning, 2.0 for bearing capacity and 1.3 for global stability.
- Wall stability should be verified in the final design for site specific conditions.
- The wall design shall address both internal and external drainage and shall be evaluated by the Professional Engineer who is responsible for the final wall design.
- Backfill material to be compacted to 95% standard proctor density.
- All Redi-Rock™ International Wall System Specifications are to be followed.

**Crushed Stone with $(\phi) = 40^\circ$ over Native Soil with $(\phi) = 28^\circ$
Non Reinforced Walls with 60" and 41" Wide Blocks**

Load Condition A, B, and C

	LOAD CONDITION A No Back Slope No Surcharge			LOAD CONDITION B No Back Slope 250 psf Live Load Surcharge			LOAD CONDITION C 2.5 : 1 Back Slope No Surcharge		
	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad
 <p>(1) 60" Block</p>	13'-6"	1'-0"	1'-0"	10'-6"	1'-0"	1'-0"	10'-6"	1'-6"	1'-0"
	15'-0"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"	12'-0"	2'-0"	1'-0"
				13'-6"	1'-6"	1'-0"			
 <p>(2) 60" Blocks</p>	16'-6"	1'-6"	1'-0"	15'-0"	1'-6"	1'-0"	13'-6"	2'-6"	1'-0"
 <p>(3) 60" Blocks</p>	18'-0"	2'-0"	1'-0"	16'-6"	2'-0"	1'-0"	15'-0"	3'-0"	1'-0"

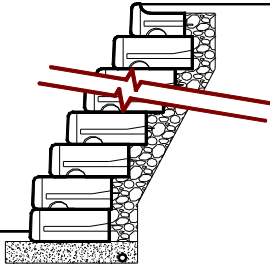
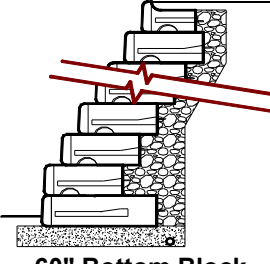
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Other Notes:

- Unit weight of 28°, 30°, 34° and 40° soils is assumed to be 120pcf.
- Minimum factors of safety are 1.5 for sliding, 1.5 for overturning, 2.0 for bearing capacity and 1.3 for global stability.
- Wall stability should be verified in the final design for site specific conditions.
- The wall design shall address both internal and external drainage and shall be evaluated by the Professional Engineer who is responsible for the final wall design.
- Backfill material to be compacted to 95% standard proctor density.
- All Redi-Rock™ International Wall System Specifications are to be followed.

Dense Well Graded Sand, Sand & Gravel - Internal Angle of Friction (Φ) = 34°
Non Reinforced Walls with 41" Wide, 9" Setback Blocks
Load Condition A, B, and C

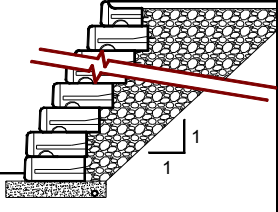
	LOAD CONDITION A No Back Slope No Surcharge			LOAD CONDITION B No Back Slope 250 psf Live Load Surcharge			LOAD CONDITION C 2.5 : 1 Back Slope No Surcharge		
	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad
 <p>41" Bottom Block</p>	7'-6"	6"	6"	7'-6"	6"	6"	7'-6"	6"	6"
	9'-0"	6"	1'-0"	9'-0"	6"	1'-0"	9'-0"	6"	1'-0"
	10'-6"	6"	1'-0"	10'-6"	1'-0"	1'-0"	10'-6"	1'-0"	1'-0"
	12'-0"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"
	13'-6"	1'-0"	1'-0"	13'-6"	1'-0"	1'-0"	13'-6"	1'-0"	1'-0"
	15'-0"	1'-0"	1'-0"	15'-0"	1'-6"	1'-0"	15'-0"	1'-6"	1'-0"
	16'-6"	1'-6"	1'-0"	16'-6"	1'-6"	1'-0"			
	18'-0"	2'-0"	1'-0"						
	19'-6"	2'-0"	1'-0"						
	21'-0"	2'-6"	1'-0"						
	22'-6"	2'-6"	1'-0"						
24'-0"	3'-0"	1'-0"							
 <p>60" Bottom Block</p>	19'-6"	1'-6"	1'-0"	13'-6"	1'-0"	1'-0"	13'-6"	1'-0"	1'-0"
	21'-0"	2'-0"	1'-0"	15'-0"	1'-0"	1'-0"	15'-0"	1'-0"	1'-0"
	22'-6"	2'-0"	1'-0"	16'-6"	1'-0"	1'-0"			
	24'-0"	2'-6"	1'-0"	18'-0"	1'-6"	1'-0"			
	25'-6"	2'-6"	1'-0"						

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Other Notes:

- Unit weight of 28°, 30°, 34° and 40° soils is assumed to be 120pcf.
- Minimum factors of safety are 1.5 for sliding, 1.5 for overturning, 2.0 for bearing capacity and 1.3 for global stability.
- Wall stability should be verified in the final design for site specific conditions.
- The wall design shall address both internal and external drainage and shall be evaluated by the Professional Engineer who is responsible for the final wall design.
- Backfill material to be compacted to 95% standard proctor density.
- All Redi-Rock™ International Wall System Specifications are

**Crushed Stone with $(\phi) = 40^\circ$ over Native Soil with $(\phi) = 34^\circ$
Non Reinforced Walls with 41" Wide, 9" Setback Blocks
Load Condition A, B, and C**

	LOAD CONDITION A			LOAD CONDITION B			LOAD CONDITION C		
	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad
 <p>41" Bottom Block</p>	12'-0"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"
	13'-6"	1'-0"	1'-0"	13'-6"	1'-0"	1'-0"	13'-6"	1'-0"	1'-0"
	15'-0"	1'-0"	1'-0"	15'-0"	1'-6"	1'-0"	15'-0"	1'-6"	1'-0"
	16'-6"	1'-6"	1'-0"	16'-6"	2'-0"	1'-0"	16'-6"	2'-0"	1'-0"
	18'-0"	2'-0"	1'-0"	18'-0"	2'-0"	1'-0"	18'-0"	2'-0"	1'-0"
	19'-6"	2'-0"	1'-0"	19'-6"	2'-6"	1'-0"	19'-6"	2'-6"	1'-0"
	21'-0"	2'-6"	1'-0"	21'-0"	2'-6"	1'-0"	21'-0"	3'-0"	1'-0"
	22'-6"	2'-6"	1'-0"	22'-6"	3'-0"	1'-0"	22'-6"	3'-0"	1'-0"
	24'-0"	3'-0"	1'-0"	24'-0"	3'-0"	1'-0"	24'-0"	3'-0"	1'-0"
	25'-6"	3'-0"	1'-0"	25'-6"	3'-6"	1'-0"	25'-6"	3'-6"	1'-0"
	27'-0"	3'-6"	1'-0"	27'-0"	3'-6"	1'-0"	27'-0"	3'-6"	1'-0"
	28'-6"	3'-6"	1'-0"	28'-6"	4'-0"	1'-0"	28'-6"	4'-0"	1'-0"
	30'-0"	3'-6"	1'-0"	30'-0"	4'-0"	1'-0"	30'-0"	4'-0"	1'-0"

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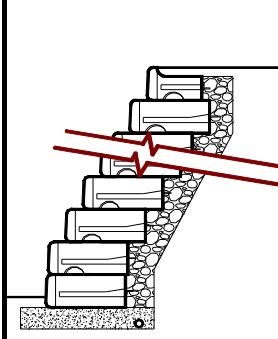
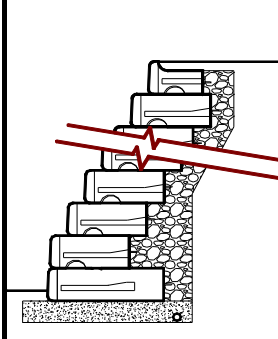
Other Notes:

- Unit weight of 28°, 30°, 34° and 40° soils is assumed to be 120pcf.
- Minimum factors of safety are 1.5 for sliding, 1.5 for overturning, 2.0 for bearing capacity and 1.3 for global stability.
- Wall stability should be verified in the final design for site specific conditions.
- The wall design shall address both internal and external drainage and shall be evaluated by the Professional Engineer who is responsible for the final wall design.
- Backfill material to be compacted to 95% standard proctor density.
- All Redi-Rock™ International Wall System Specifications are to be followed.

Silty Sand, Fine to Medium Sand - Internal Angle of Friction (Φ) = 30°

Non Reinforced Walls with 41" Wide, 9" Setback Blocks

Load Condition A, B, and C

	LOAD CONDITION A			LOAD CONDITION B			LOAD CONDITION C		
	No Back Slope No Surcharge			No Back Slope 250 psf Live Load Surcharge			2.5 : 1 Back Slope No Surcharge		
	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad
 <p>41" Bottom Block</p>	4'-6"	6"	6"	4'-6"	6"	6"	4'-6"	6"	6"
	6'-0"	6"	6"	6'-0"	6"	6"	6'-0"	6"	6"
	7'-6"	6"	6"	7'-6"	1'-0"	6"	7'-6"	1'-0"	6"
	9'-0"	6"	1'-0"	9'-0"	1'-0"	1'-0"			
	10'-6"	1'-0"	1'-0"	10'-6"	1'-6"	1'-0"			
	12'-0"	1'-6"	1'-0"						
	13'-6"	1'-6"	1'-0"						
	15'-0"	2'-0"	1'-0"						
 <p>60" Bottom Block</p>	9'-0"	6"	1'-0"	9'-0"	6"	1'-0"	9'-0"	1'-0"	1'-0"
	10'-6"	6"	1'-0"	10'-6"	1'-0"	1'-0"			
	12'-0"	1'-0"	1'-0"	12'-0"	1'-0"	1'-0"			
	13'-6"	1'-0"	1'-0"						
	15'-0"	1'-6"	1'-0"						
	16'-6"	1'-6"	1'-0"						
	18'-0"	2'-0"	1'-0"						

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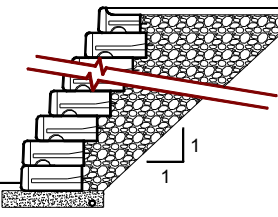
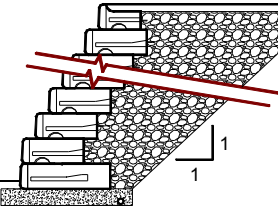
Other Notes:

- Unit weight of 28°, 30°, 34° and 40° soils is assumed to be 120pcf.
- Minimum factors of safety are 1.5 for sliding, 1.5 for overturning, 2.0 for bearing capacity and 1.3 for global stability.
- Wall stability should be verified in the final design for site specific conditions.
- The wall design shall address both internal and external drainage and shall be evaluated by the Professional Engineer who is responsible for the final wall design.
- Backfill material to be compacted to 95% standard proctor density.
- All Redi-Rock™ International Wall System Specifications are to be followed.

Crushed Stone with $(\phi) = 40^\circ$ over Native Soil with $(\phi) = 30^\circ$

Non Reinforced Walls with 41" Wide, 9" Setback Blocks

Load Condition A, B, and C

	LOAD CONDITION A No Back Slope No Surcharge			LOAD CONDITION B No Back Slope 250 psf Live Load Surcharge			LOAD CONDITION C 2.5 : 1 Back Slope No Surcharge		
	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad
 <p>41" Bottom Block</p>	12'-0"	1'-0"	1'-0"	12'-0"	1'-6"	1'-0"	12'-0"	2'-0"	1'-0"
	13'-6"	1'-6"	1'-0"	13'-6"	2'-0"	1'-0"	13'-6"	2'-6"	1'-0"
	15'-0"	2'-0"	1'-0"	15'-0"	2'-6"	1'-0"	15'-0"	3'-0"	1'-0"
	16'-6"	2'-6"	1'-0"	16'-6"	3'-0"	1'-0"	16'-6"	3'-0"	1'-0"
	18'-0"	3'-0"	1'-0"	18'-0"	3'-0"	1'-0"	18'-0"	3'-6"	1'-0"
	19'-6"	3'-0"	1'-0"	19'-6"	3'-6"	1'-0"			
	21'-0"	3'-6"	1'-0"						
 <p>60" Bottom Block</p>	16'-6"	2'-0"	1'-0"	16'-6"	2'-0"	1'-0"	16'-6"	2'-6"	1'-0"
	18'-0"	2'-0"	1'-0"	18'-0"	2'-6"	1'-0"	18'-0"	3'-0"	1'-0"
	19'-6"	2'-6"	1'-0"	19'-6"	3'-0"	1'-0"	19'-6"	3'-6"	1'-0"
	21'-0"	3'-0"	1'-0"	21'-0"	3'-6"	1'-0"			
	22'-6"	3'-6"	1'-0"	22'-6"	3'-6"	1'-0"			
	24'-0"	3'-6"	1'-0"						

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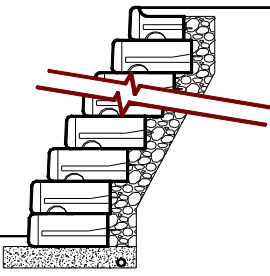
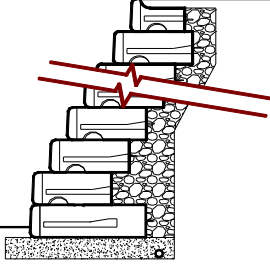
Other Notes:

- Unit weight of 28°, 30°, 34° and 40° soils is assumed to be 120pcf.
- Minimum factors of safety are 1.5 for sliding, 1.5 for overturning, 2.0 for bearing capacity and 1.3 for global stability.
- Wall stability should be verified in the final design for site specific conditions.
- The wall design shall address both internal and external drainage and shall be evaluated by the Professional Engineer who is responsible for the final wall design.
- Backfill material to be compacted to 95% standard proctor density.
- All Redi-Rock™ International Wall System Specifications are to be followed.

Silty Sand, Clayey Sand - Internal Angle of Friction (Φ) = 28°

Non Reinforced Walls with 41" Wide, 9" Setback Blocks

Load Condition A, B, and C

	LOAD CONDITION A No Back Slope No Surcharge			LOAD CONDITION B No Back Slope 250 psf Live Load Surcharge			LOAD CONDITION C 2.5 : 1 Back Slope No Surcharge		
	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad
 41" Bottom Block	4'-6"	6"	6"	4'-6"	6"	6"	4'-6"	6"	6"
	6'-0"	6"	6"	6'-0"	6"	6"	6'-0"	1'-6"	6"
	7'-6"	6"	6"	7'-6"	1'-6"	6"			
	9'-0"	6"	1'-0"						
	10'-6"	1'-0"	1'-0"						
	12'-0"	1'-6"	1'-0"						
 60" Bottom Block	7'-6"	6"	6"	7'-6"	6"	6"	6'-0"	6"	6"
	9'-0"	6"	1'-0"	9'-0"	1'-0"	1'-0"			
	10'-6"	6"	1'-0"						
	12'-0"	1'-0"	1'-0"						
	13'-6"	1'-6"	1'-0"						

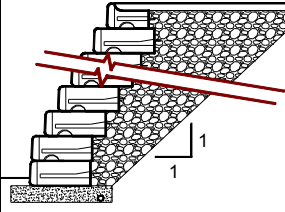
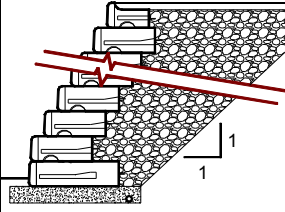
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**Crushed Stone with $(\phi) = 40^\circ$ over Native Soil with $(\phi) = 28^\circ$
Non Reinforced Walls with 41" Wide, 9" Setback Blocks
Load Condition A, B, and C**

	LOAD CONDITION A No Back Slope No Surcharge			LOAD CONDITION B No Back Slope 250 psf Live Load Surcharge			LOAD CONDITION C 2.5 : 1 Back Slope No Surcharge		
	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad	Wall Height	Min. Bury Depth	Leveling Pad
 <p>41" Bottom Block</p>	10'-6"	1'-0"	1'-0"	10'-6"	1'-6"	1'-0"	7'-6"	1'-6"	6"
	12'-0"	1'-6"	1'-0"	12'-0"	2'-0"	1'-0"	9'-0"	1'-6"	1'-0"
	13'-6"	2'-0"	1'-0"	13'-6"	2'-6"	1'-0"	10'-6"	2'-0"	1'-0"
	15'-0"	2'-6"	1'-0"	15'-0"	3'-0"	1'-0"	12'-0"	2'-6"	1'-0"
	16'-6"	3'-0"	1'-0"	16'-6"	3'-6"	1'-0"	13'-6"	3'-0"	1'-0"
	18'-0"	3'-6"	1'-0"				15'-0"	3'-6"	1'-0"
 <p>60" Bottom Block</p>	10'-6"	6"	1'-0"	10'-6"	1'-0"	1'-0"	10'-6"	1'-6"	1'-0"
	12'-0"	1'-0"	1'-0"	12'-0"	1'-6"	1'-0"	12'-0"	2'-0"	1'-0"
	13'-6"	1'-6"	1'-0"	13'-6"	2'-0"	1'-0"	13'-6"	2'-6"	1'-0"
	15'-0"	2'-0"	1'-0"	15'-0"	2'-6"	1'-0"	15'-0"	3'-0"	1'-0"
	16'-6"	2'-6"	1'-0"	16'-6"	3'-0"	1'-0"	16'-6"	3'-6"	1'-0"
	18'-0"	3'-0"	1'-0"	18'-0"	3'-0"	1'-0"			
	19'-6"	3'-0"	1'-0"	19'-6"	3'-6"	1'-0"			
	21'-0"	3'-6"	1'-0"						

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