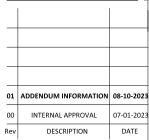


GENERAL NOTES:

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MAGNUMSTONE® PLANTABLE WALL CROSS SECTION OPTIONS

SHEET REFERENCE

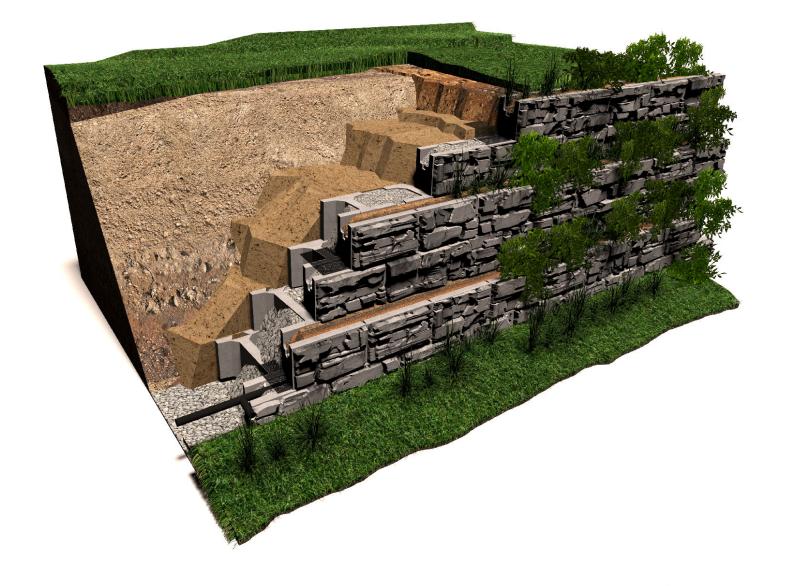
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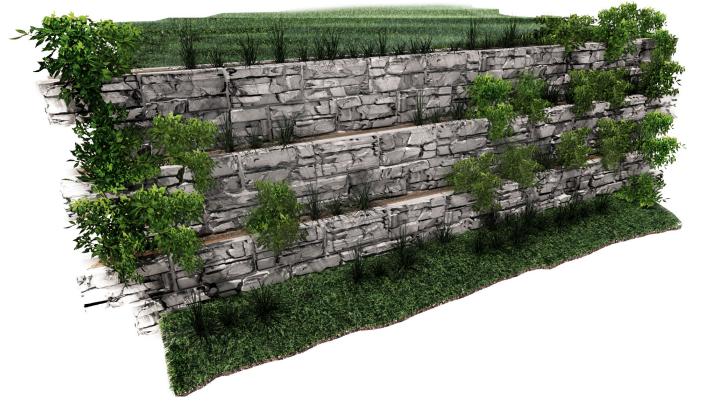
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PREPARED BY:

MagnumStone RETAINING WALLS
www.MAGNUMSTONE.com | 1 (800) 939-9193





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01	ADDENDUM INFORMATION	08-10-202
00	INTERNAL APPROVAL	07-01-202
Rev	DESCRIPTION	DATE

REMARKS:

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MAGNUMSTONE® PLANTABLE WALL PERSPECTIVE

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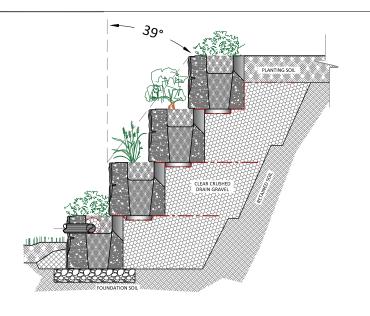
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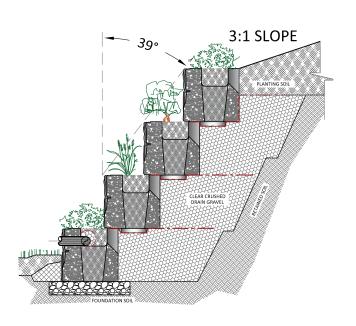
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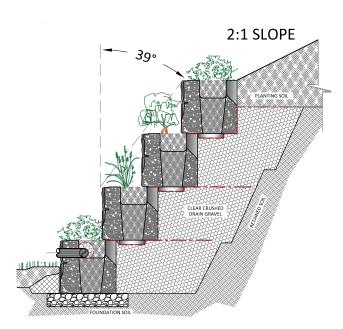




SOIL TYPE	HEIGHT EXPOSED	HEIGHT EMBEDDED	TOTAL
34° SOIL	20.9' [6370 mm]	1.1' [335 mm]	22.0' [6706 mm]
30° SOIL	20.9' [6370 mm]	1.1' [335 mm]	22.0' [6706 mm]
26° SOIL	14.2' [4420 mm]	0.8' [244 mm]	15.0' [4572 mm]



SOIL TYPE	HEIGHT EXPOSED	HEIGHT EMBEDDED	TOTAL
34° SOIL	20.9' [6370 mm]	1.1' [335 mm]	22.0' [6706 mm]
30° SOIL	17.0' [5182 mm]	1.0' [305 mm]	18.0' [5486 mm]
26° SOIL	10.4' [3170 mm]	0.6' [183mm]	11.0' [3353 mm]



SOIL TYPE	HEIGHT EXPOSED	HEIGHT EMBEDDED	TOTAL
34° SOIL	20.9' [6370 mm]	1.1' [335 mm]	22.0' [6706 mm]
30° SOIL	13.2' [4023 mm]	0.8' [244 mm]	14.0' [4267 mm]
26° SOIL	N/A	N/A	N/A

DISCLAIMER.

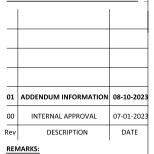
This chart is for initial estimation purposes only. Do not use for final design or construction. Retain a licensed professional engineer to design every wall on a case-by-case basis using site specific criteria. The accuracy and use of this document are the sole responsibility of the user. All calculations were performed based on NCMA methodology using factors of safety of 1.5 for sliding and overturning. The bearing capacity of base soils will be no less than 3,000 pounds per square foot (psf). All soils have been assumed to be less than 125 pounds per cubic foot (pcf). Global Stability Analysis has not been performed. Wall heights shown are for MagnumStone retaining walls without extender units. Taller walls may be designed using extenders per Engineer's recommendation.'

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SHEET CONTENT

MAGNUMSTONE® PLANTABLE WALL

2-ft PLANTABLE WALL CHART AT 39° SETBACK

SHEET REFERENCE

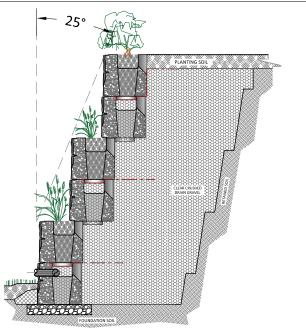
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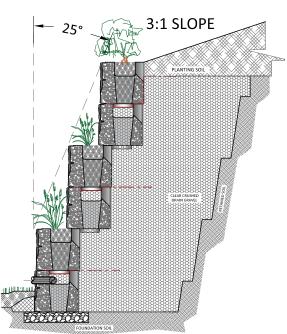
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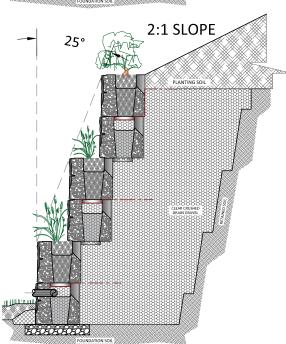




SOIL TYPE	HEIGHT EXPOSED	HEIGHT EMBEDDED	TOTAL
34° SOIL	14.2' [4328 mm]	0.8' [244 mm]	15' [6706 mm]
30° SOIL	10.4' [3170 mm]	0.6' [183 mm]	11' [6706 mm]
26° SOIL	7.5' [2286 mm]	0.5' [152 mm]	8' [4572 mm]



SOIL TYPE	HEIGHT EXPOSED	HEIGHT EMBEDDED	TOTAL
34° SOIL	11.3' [3444 mm]	0.7' [213 mm]	12' [3658 mm]
30° SOIL	7.5' [2286 mm]	0.5' [152 mm]	8' [4572 mm]
26° SOIL	5.5' [1676mm]	0.5' [152 mm]	6' [1829 mm]



SOIL TYPE	HEIGHT EXPOSED	HEIGHT EMBEDDED	TOTAL
34° SOIL	9.4' [2865 mm]	0.6' [183 mm]	10' [3048 mm]
30° SOIL	5.5' [1676 mm]	0.5' [152 mm]	6' [1829 mm]
26° SOIL	N/A	N/A	N/A

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SHEET CONTENT

MAGNUMSTONE® PLANTABLE WALL

4-ft PLANTABLE WALL CHART AT 25° SETBACK

SHEET REFERENCE

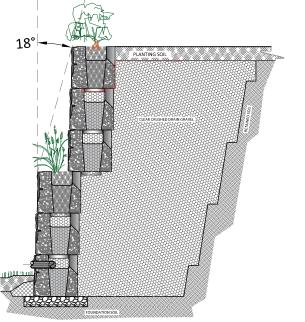
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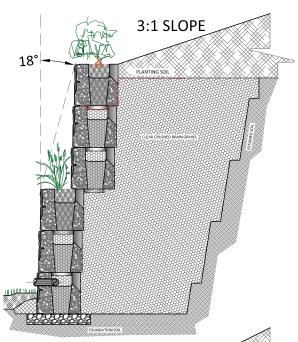
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SOIL TYPE	HEIGHT EXPOSED	HEIGHT EMBEDDED	TOTAL
34° SOIL	10.4' [3170 mm]	0.6' [183 mm]	11' [3353 mm]
30° SOIL	8.5' [2591 mm]	0.5' [152 mm]	9' [2743 mm]
26° SOIL	6.5' [1981 mm]	0.5' [152 mm]	7' [2134 mm]



SOIL TYPE	HEIGHT EXPOSED	HEIGHT EMBEDDED	TOTAL
34° SOIL	8.5' [2591 mm]	0.5' [152 mm]	9' [2743 mm]
30° SOIL	N/A	N/A	N/A
26° SOIL	N/A	N/A	N/A

FOUNDATION SOIL
2:1 SLOPE
18° PLANTING SOIL
CLEAS CRUSHED DRAW GRAVEL
TO DESIGN SEED.

SOIL TYPE	HEIGHT EXPOSED	HEIGHT EMBEDDED	TOTAL
34° SOIL	6.5' [1981 mm]	0.5' [152 mm]	7' [2134 mm]
30° SOIL	N/A	N/A	N/A
26° SOIL	N/A	N/A	N/A

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SHEET CONTENT

MAGNUMSTONE® PLANTABLE WALL

6-ft PLANTABLE WALL CHART AT 18° SETBACK

SHEET REFERENCE

303

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PREPARED BY: RM

