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RETAINING WALLS
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MAGNUMSTONE GRAVITY EXTENDER WALL CHARTS

SHEET CONTENT

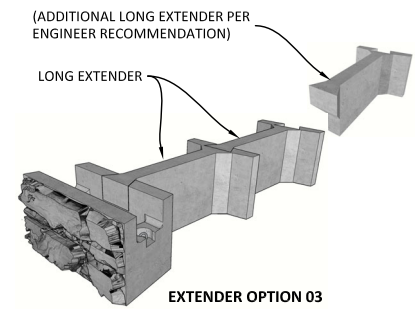
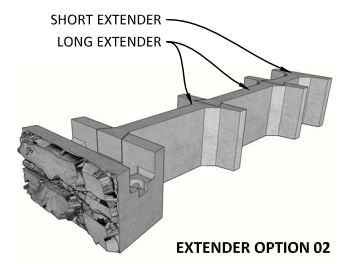
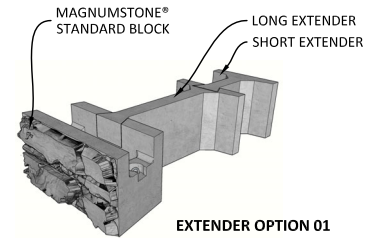
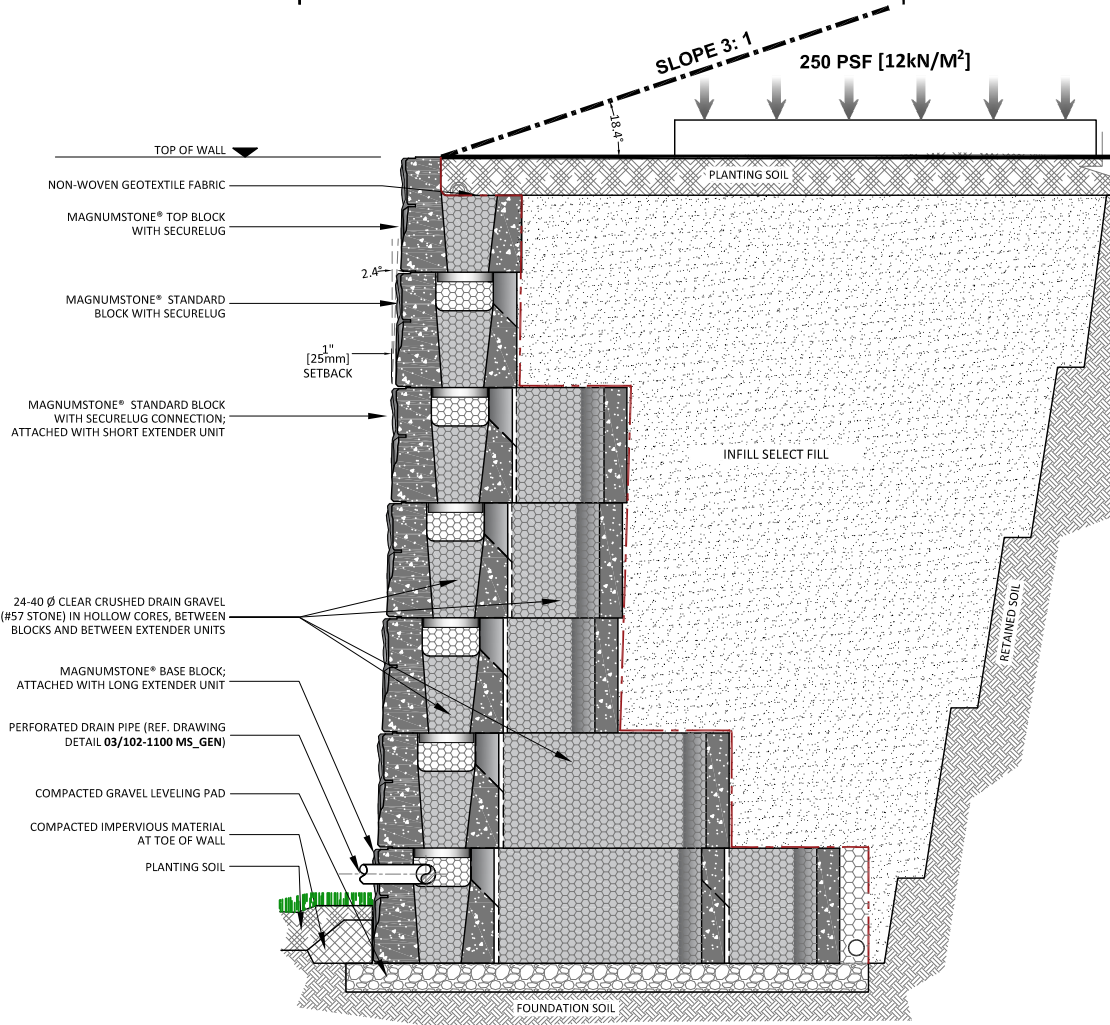
300

1102-MS-GVT

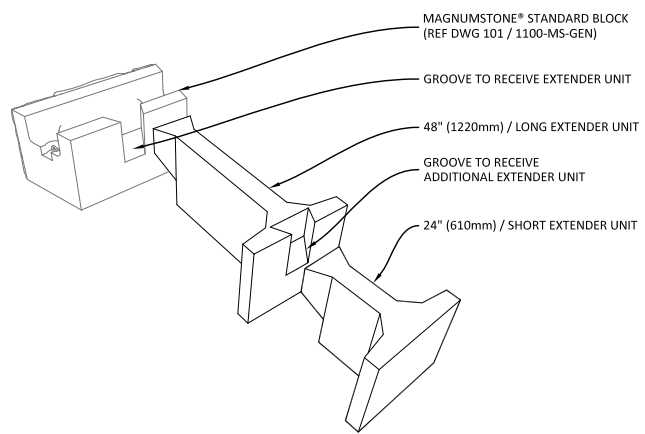
SHEET REFERENCE

GENERAL NOTES:

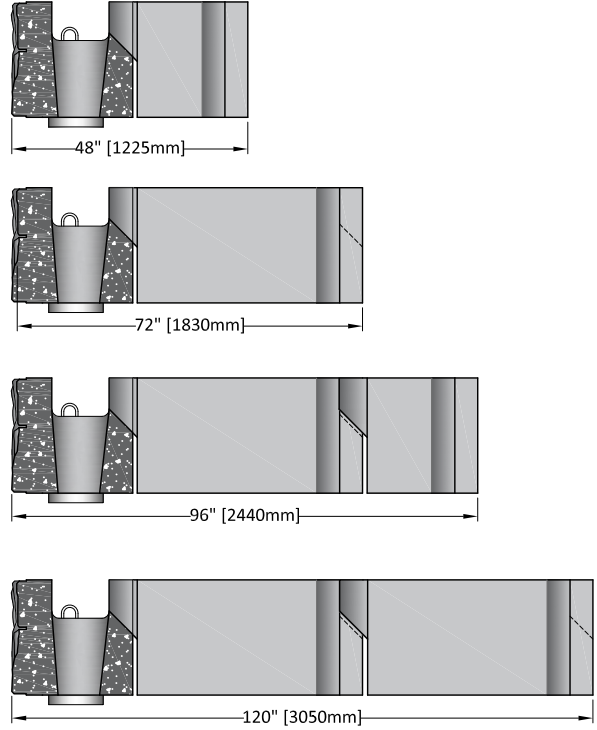
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GRAVITY WALL TYPICAL CROSS SECTION



EXTENDER UNIT CONFIGURATION



ISOMETRIC VIEW - REAR

- GENERAL NOTE:**
- FOLLOW PROPER INSTALLATION GUIDELINE AS PER THE MAGNUMSTONE® INSTALLATION MANUAL.
 - ENSURE LOCAL CODES AND GUIDELINES ARE ALWAYS BEING FOLLOWED
 - EXTENDER UNITS ARE CHAINED TOGETHER IN 2' [610mm] INCREMENTS.
 - THE NUMBER OF EXTENDERS MAY BE DETERMINED BY THE ENGINEER ON RECORD



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MAGNUMSTONE GRAVITY EXTENDER WALL CHARTS SELECT FILL WITH 28° RETAINED SOIL | NO LOAD

SHEET CONTENT

301

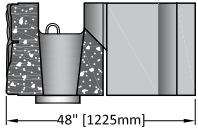
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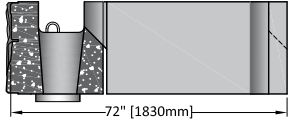
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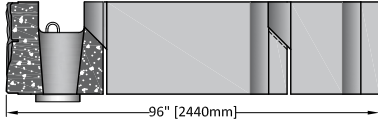
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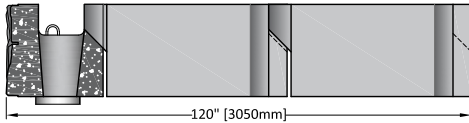
48" [1225mm]



72" [1830mm]



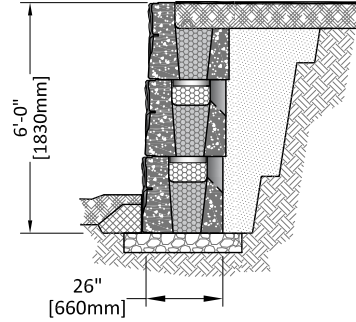
96" [2440mm]



120" [3050mm]

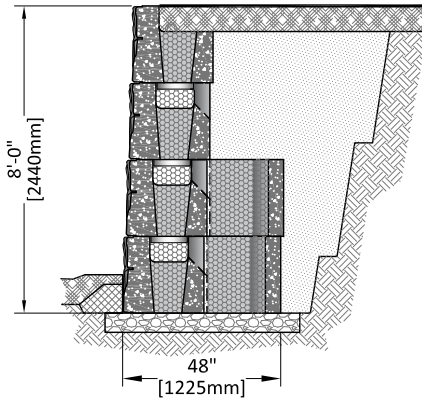
DESCRIPTION

SLOPE ANGLE	0°
LIVE LOAD	0 PSF
RETAINED SOIL	28°
FOUNDATION	28°
INFILL SELECT FILL	34°
LEVELING PAD	CRUSHED GRAVEL



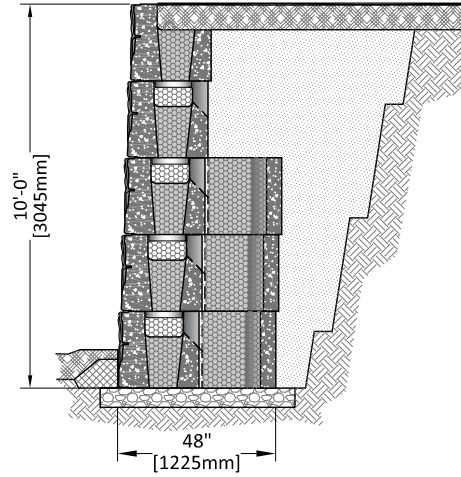
6'-0"
[1830mm]

26"
[660mm]



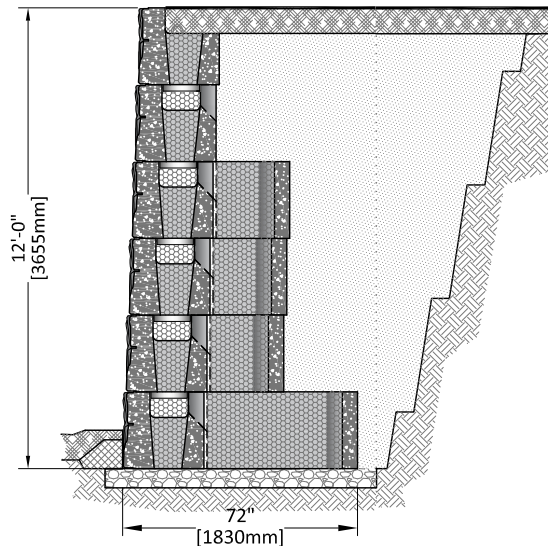
8'-0"
[2440mm]

48"
[1225mm]



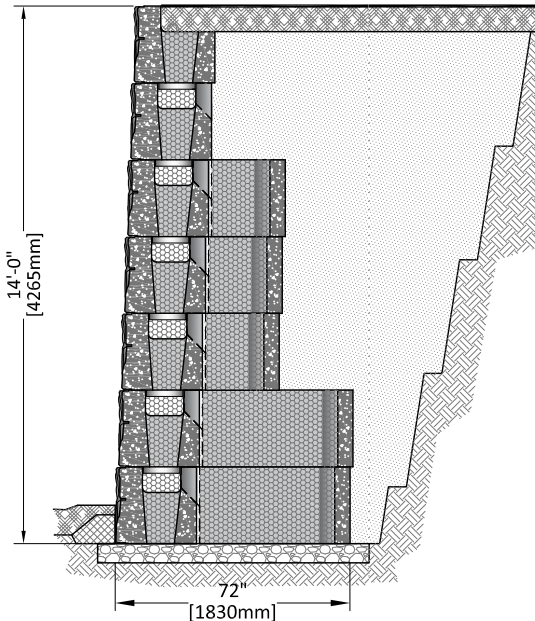
10'-0"
[3045mm]

48"
[1225mm]



12'-0"
[3655mm]

72"
[1830mm]



14'-0"
[4265mm]

72"
[1830mm]



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MAGNUMSTONE GRAVITY EXTENDER WALL CHARTS RETAINING SOIL 30° | NO LOAD

SHEET CONTENT

302

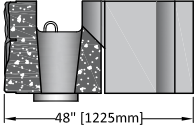
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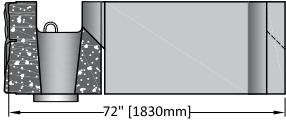
GENERAL NOTES:

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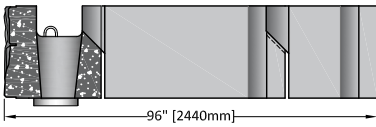
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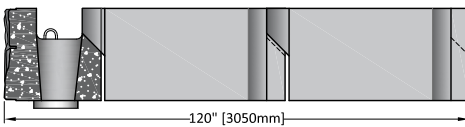
48" [1225mm]



72" [1830mm]



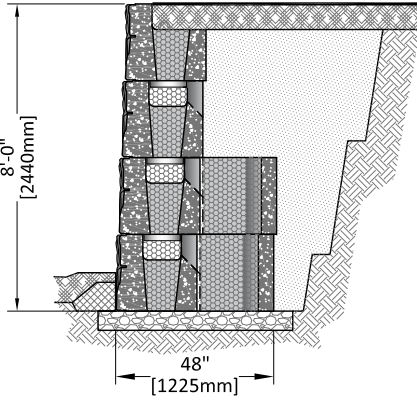
96" [2440mm]



120" [3050mm]

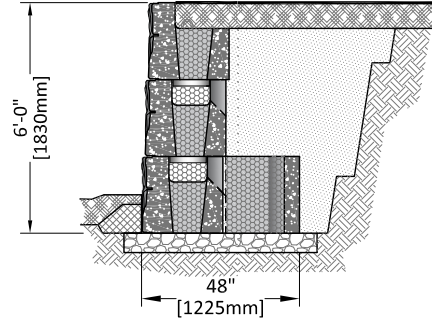
DESCRIPTION

SLOPE ANGLE	0°
LIVE LOAD	0 PSF
RETAINED SOIL	30°
FOUNDATION	30°
INFILL SELECT FILL	30°
LEVELING PAD	CRUSHED GRAVEL



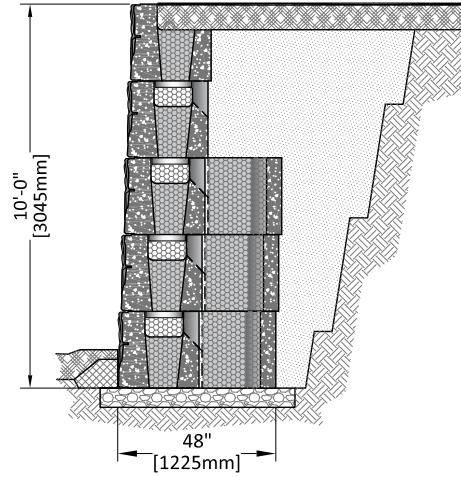
8'-0"
[2440mm]

48"
[1225mm]



6'-0"
[1830mm]

48"
[1225mm]



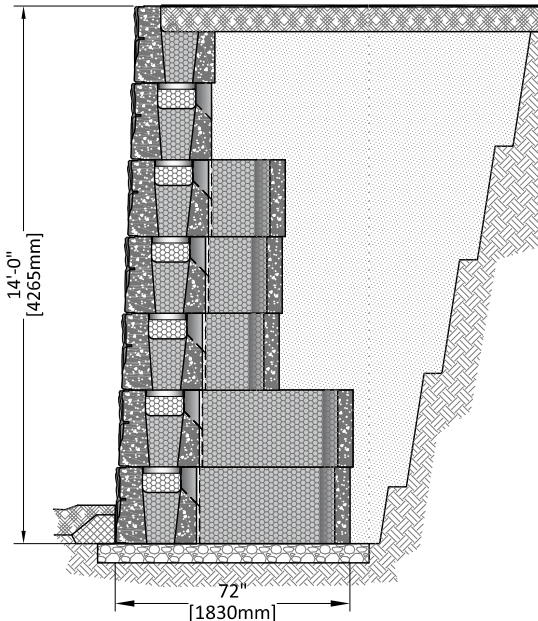
10'-0"
[3045mm]

48"
[1225mm]



12'-0"
[3655mm]

72"
[1830mm]



14'-0"
[4265mm]

72"
[1830mm]



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MAGNUMSTONE GRAVITY EXTENDER WALL CHARTS

RETAINING SOIL 28° | NO LOAD

SHEET CONTENT

303

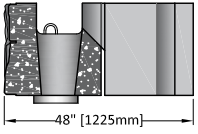
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SHEET REFERENCE

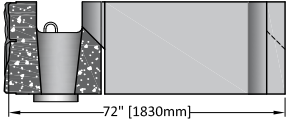
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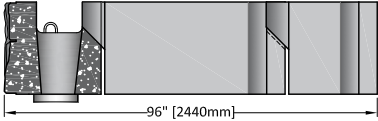
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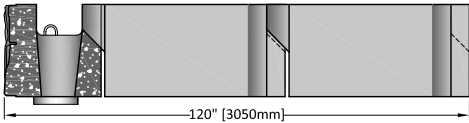
48" [1225mm]



72" [1830mm]



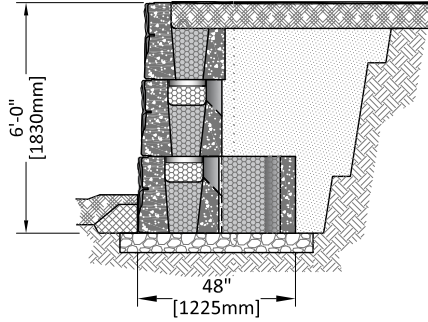
96" [2440mm]



120" [3050mm]

DESCRIPTION

SLOPE ANGLE	0°
LIVE LOAD	0 PSF
RETAINED SOIL	28°
FOUNDATION	28°
INFILL SELECT FILL	28°
LEVELING PAD	CRUSHED GRAVEL



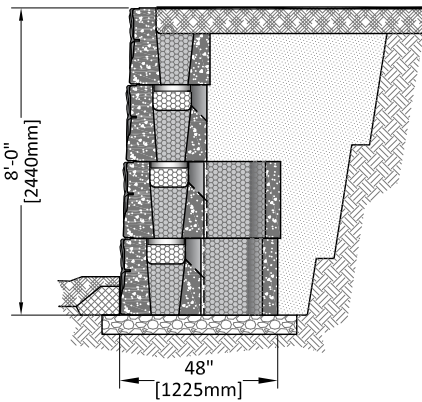
6'-0" [1830mm]

48" [1225mm]



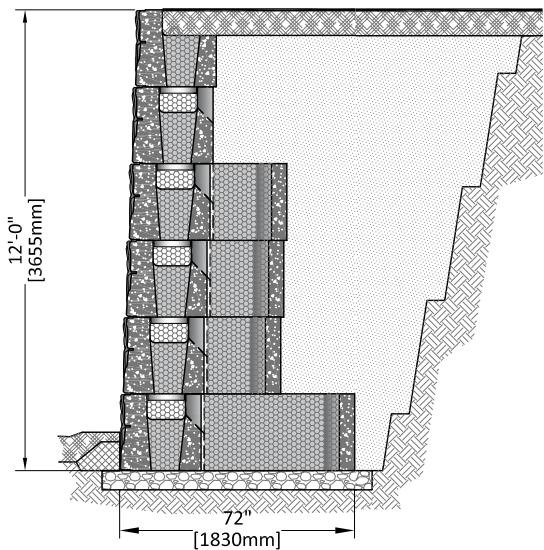
10'-0" [3045mm]

48" [1225mm]



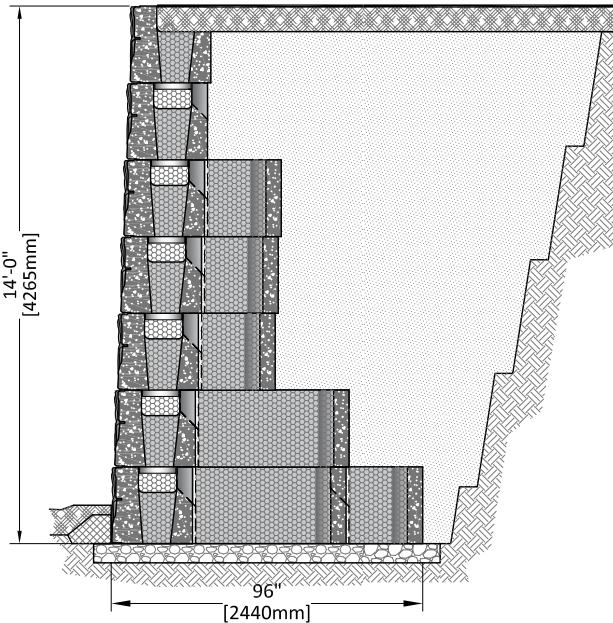
8'-0" [2440mm]

48" [1225mm]



12'-0" [3655mm]

72" [1830mm]



14'-0" [4265mm]

96" [2440mm]



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MAGNUMSTONE GRAVITY EXTENDER WALL CHARTS SELECT FILL WITH 28° RETAINED SOIL | 250 PSF [12kN/M²]

SHEET CONTENT

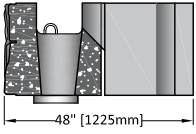
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1102-MS-GVT

SHEET REFERENCE

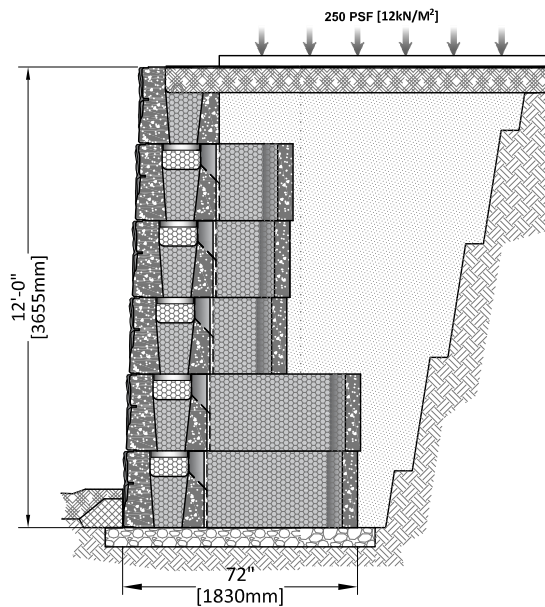
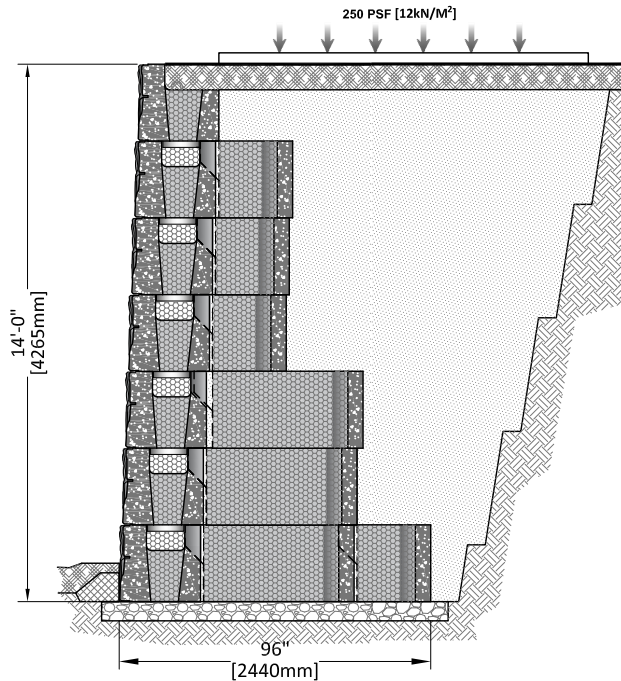
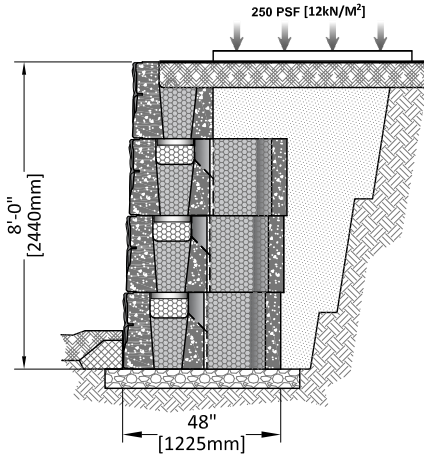
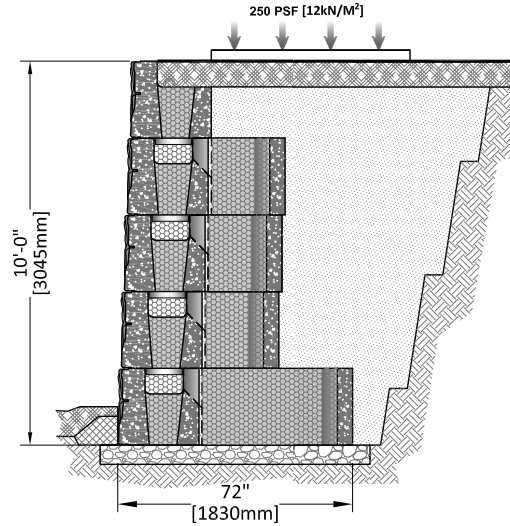
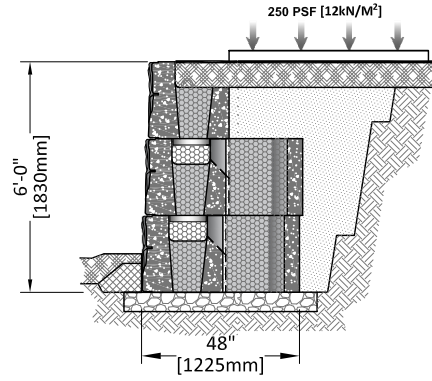
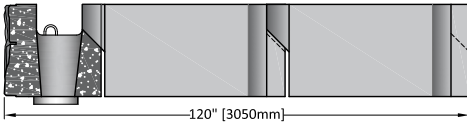
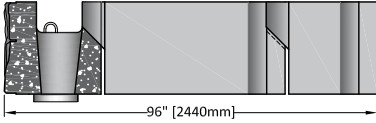
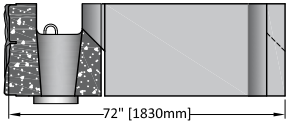
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DESCRIPTION

SLOPE ANGLE	0°
LIVE LOAD	250 PSF
RETAINED SOIL	28°
FOUNDATION	28°
INFILL SELECT FILL	34°
LEVELING PAD	CRUSHED GRAVEL





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MAGNUMSTONE GRAVITY EXTENDER WALL CHARTS

RETAINING SOIL 30° | 250 PSF [12kN/M²]

SHEET CONTENT

305

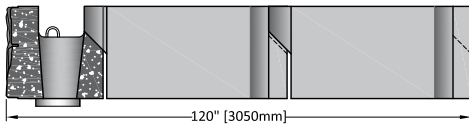
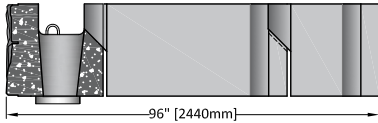
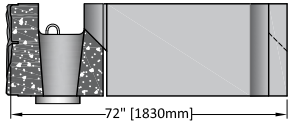
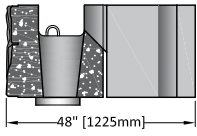
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SHEET REFERENCE

GENERAL NOTES:

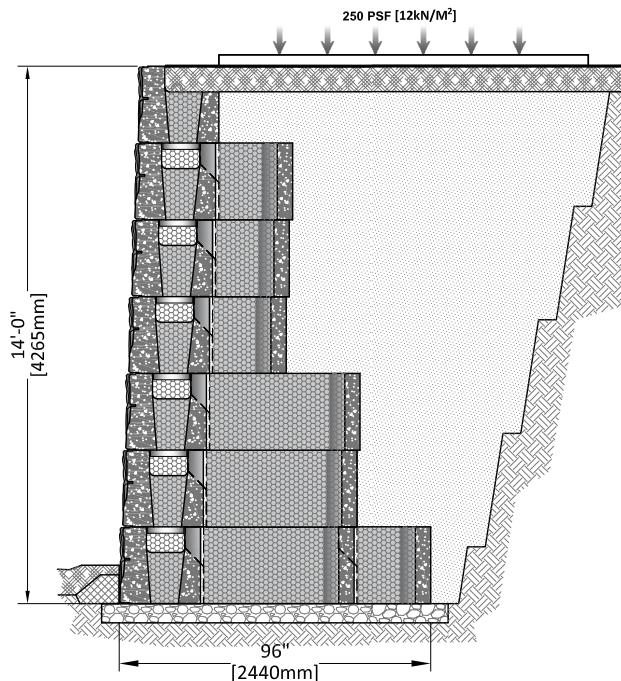
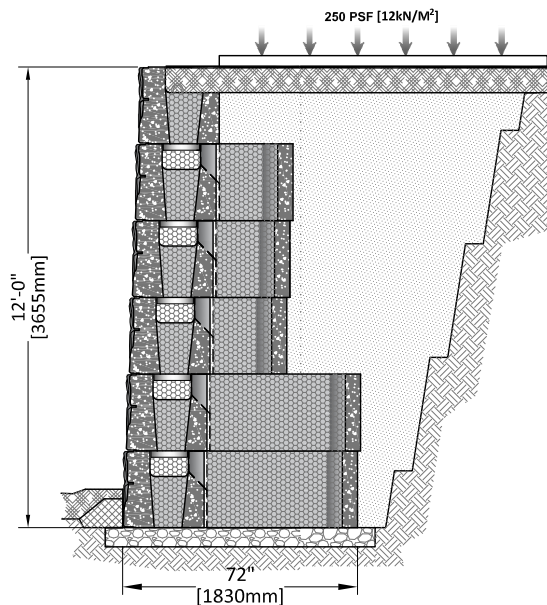
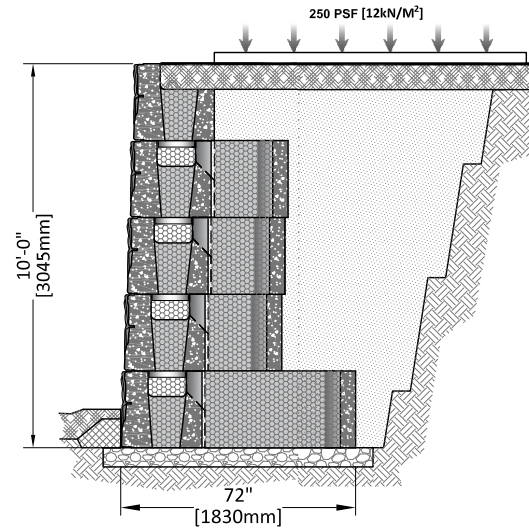
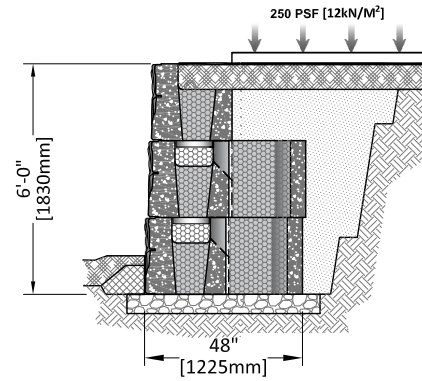
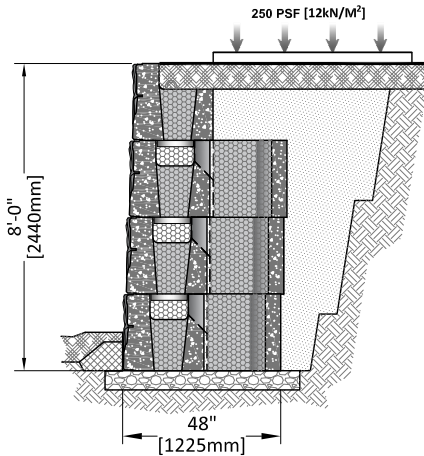
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DESCRIPTION

<p>SLOPE ANGLE</p> <p>LIVE LOAD</p> <p>RETAINED SOIL</p> <p>FOUNDATION</p> <p>INFILL SELECT FILL</p> <p>LEVELING PAD</p>	<p>0°</p> <p>250 PSF</p> <p>30°</p> <p>30°</p> <p>30°</p> <p>CRUSHED GRAVEL</p>
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MAGNUMSTONE GRAVITY EXTENDER WALL CHARTS

RETAINING SOIL 28° | 250 PSF [12kN/M²]

SHEET CONTENT

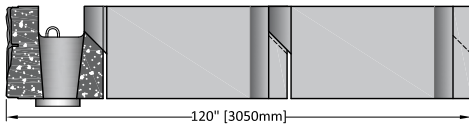
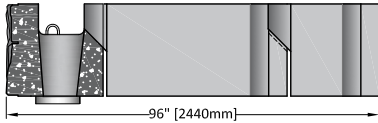
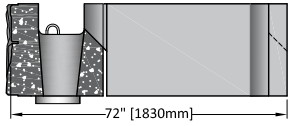
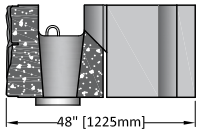
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1102-MS-GVT

SHEET REFERENCE

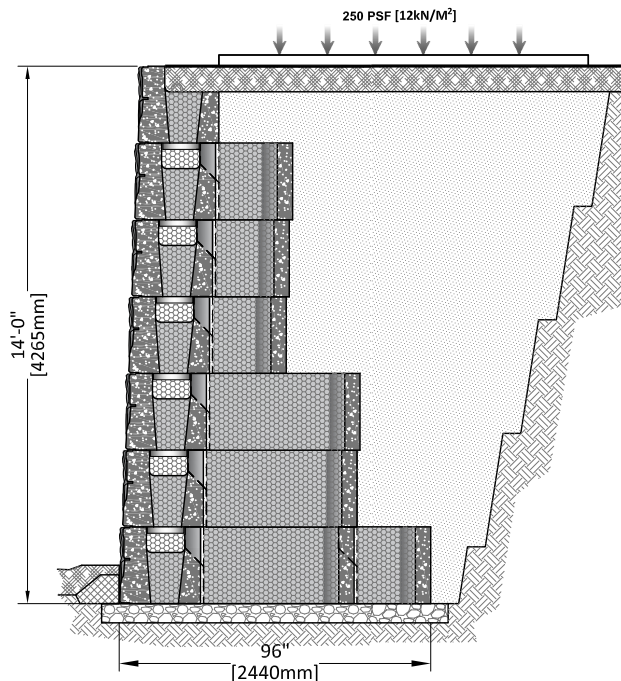
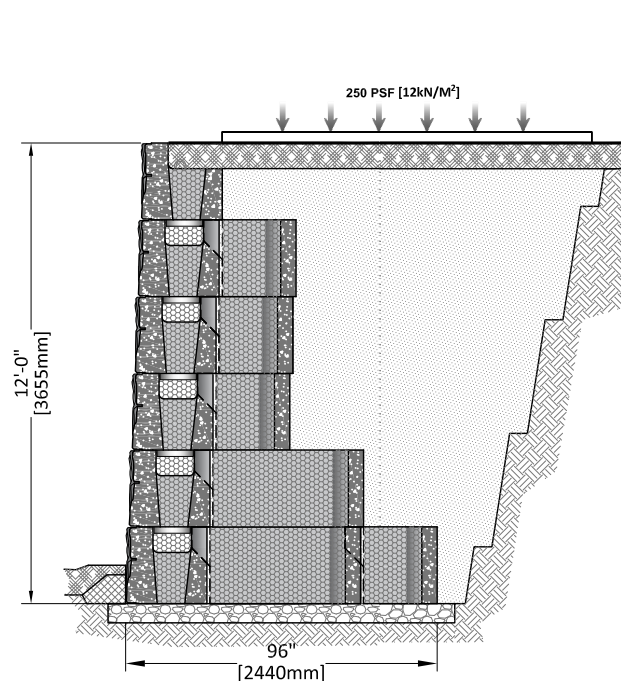
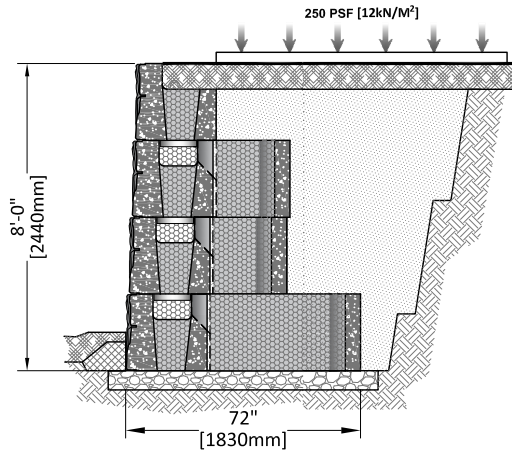
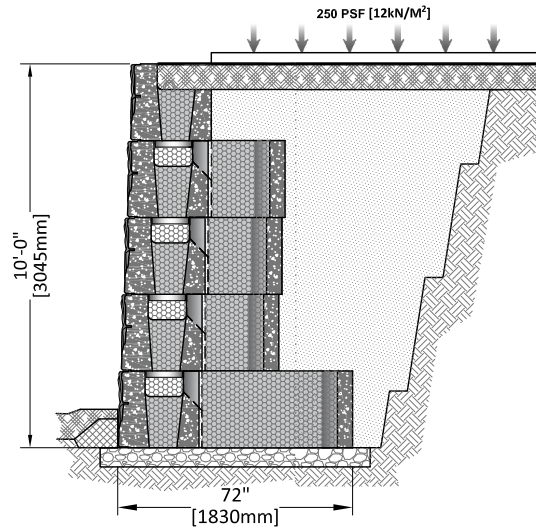
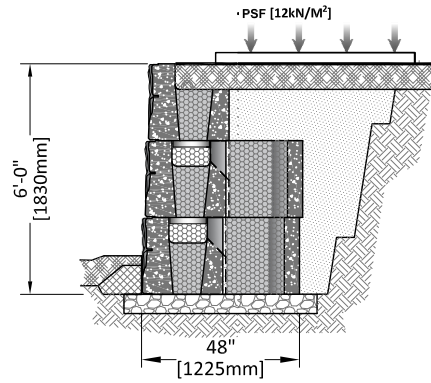
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DESCRIPTION

SLOPE ANGLE	0°
LIVE LOAD	250 PSF
RETAINED SOIL	28°
FOUNDATION	28°
INFILL SELECT FILL	28°
LEVELING PAD	CRUSHED GRAVEL





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**MAGNUMSTONE
GRAVITY EXTENDER WALL CHARTS
SELECT FILL 28° RETAINED SOIL |
3H:1V BACKSLOPE**

SHEET CONTENT

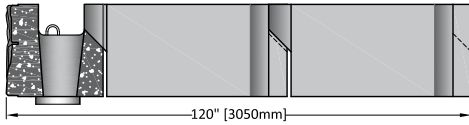
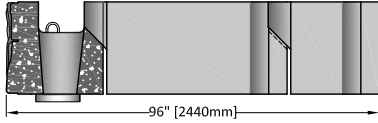
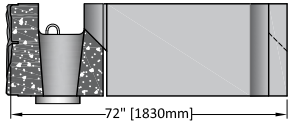
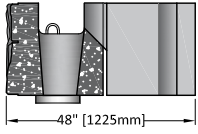
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1102-MS-GVT

SHEET REFERENCE

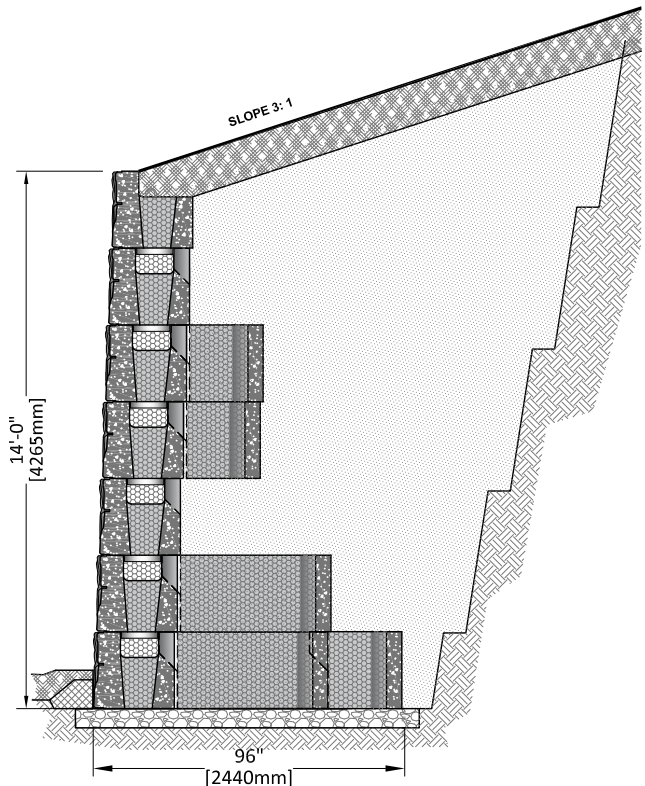
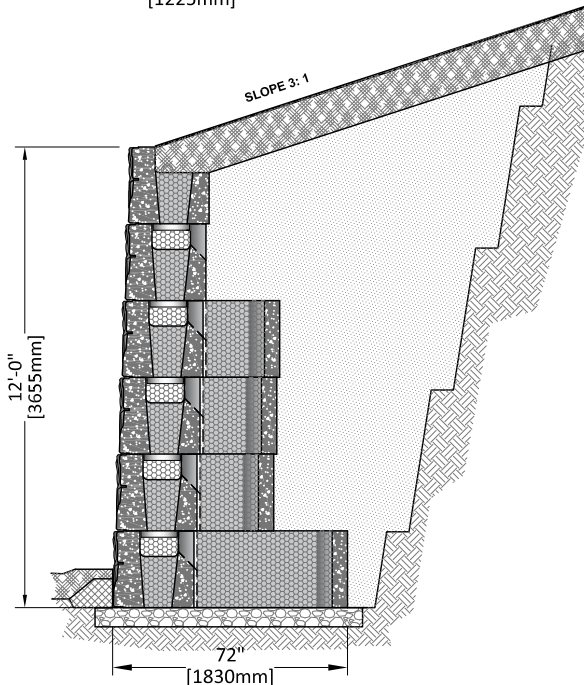
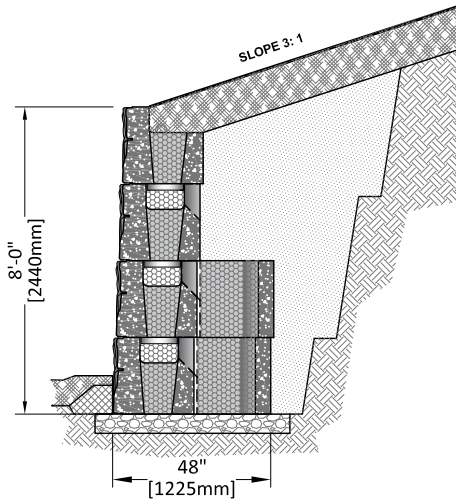
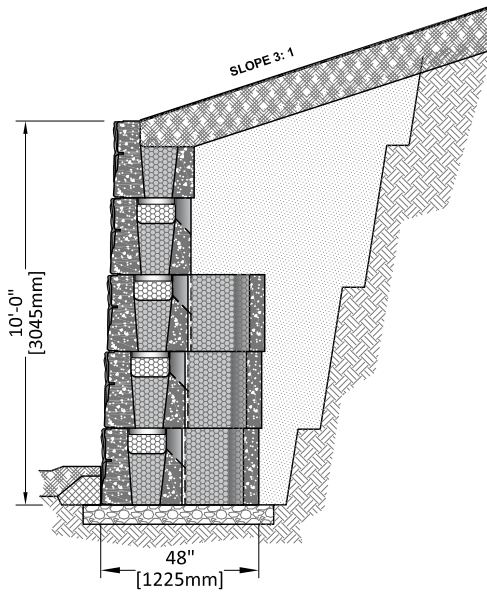
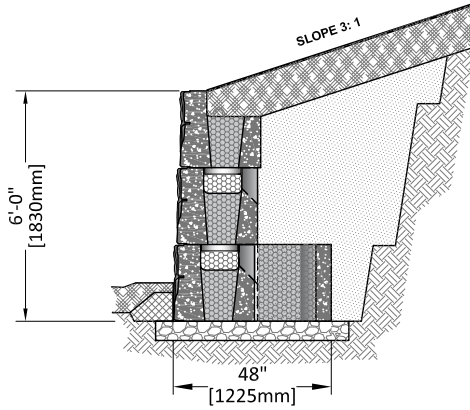
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DESCRIPTION

SLOPE ANGLE	18.4° (3H:1V)
LIVE LOAD	0 PSF
RETAINED SOIL	28°
FOUNDATION	28°
INFILL SELECT FILL	34°
LEVELING PAD	CRUSHED GRAVEL





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**MAGNUMSTONE
GRAVITY EXTENDER WALL CHARTS
RETAINING SOIL 30° | 3H:1V BACKSLOPE**

SHEET CONTENT

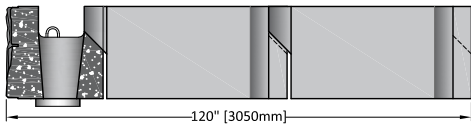
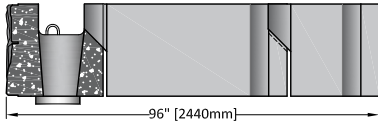
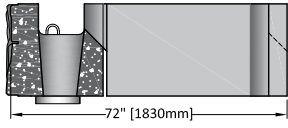
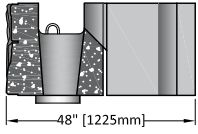
308

1102-MS-GVT

SHEET REFERENCE

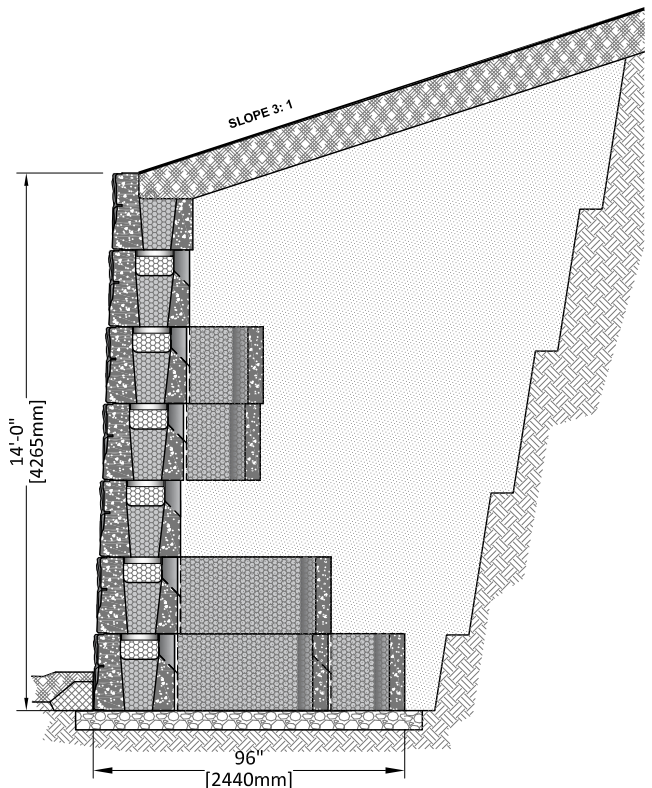
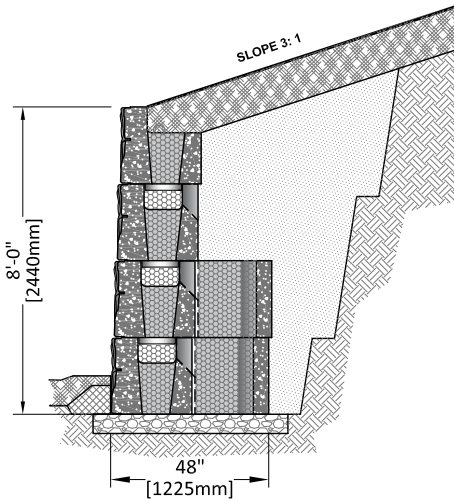
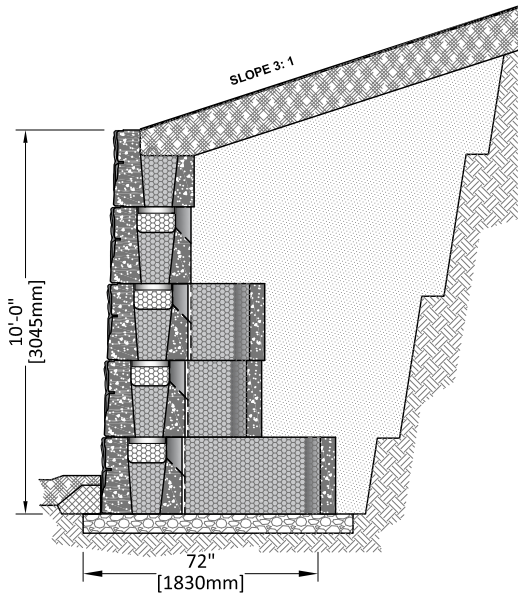
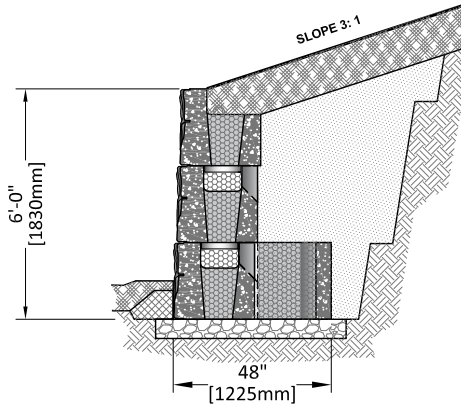
GENERAL NOTES:

These drawings are intended solely to act as an aid when designing a wall. This drawing should not be used for final design or construction. Each site-specific wall should be certified and signed by a registered geotechnical engineer in the State or Province that it is being built. The accuracy and use of the details in this document are the sole responsibility of the user.



DESCRIPTION

SLOPE ANGLE	18.4° (3H:1V)
LIVE LOAD	0 PSF
RETAINED SOIL	30°
FOUNDATION	30°
INFILL SELECT FILL	30°
LEVELING PAD	CRUSHED GRAVEL





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**MAGNUMSTONE
GRAVITY EXTENDER WALL CHARTS
RETAINING SOIL 28° | 3H:1V BACKSLOPE**

SHEET CONTENT

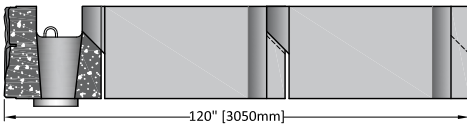
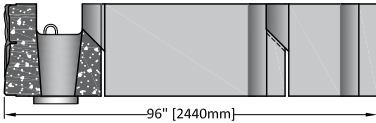
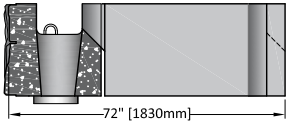
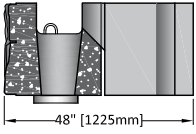
309

1102-MS-GVT

SHEET REFERENCE

GENERAL NOTES:

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DESCRIPTION

SLOPE ANGLE	18.4° (3H:1V)
LIVE LOAD	0 PSF
RETAINED SOIL	28°
FOUNDATION	28°
INFILL SELECT FILL	28°
LEVELING PAD	CRUSHED GRAVEL

