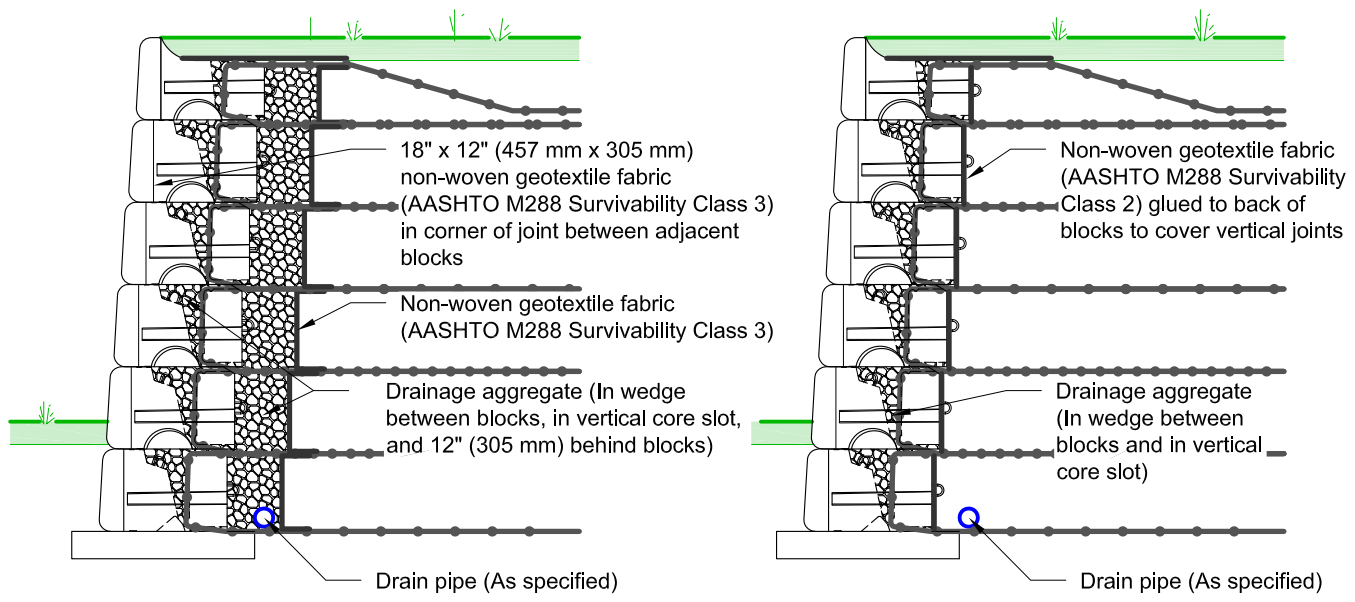
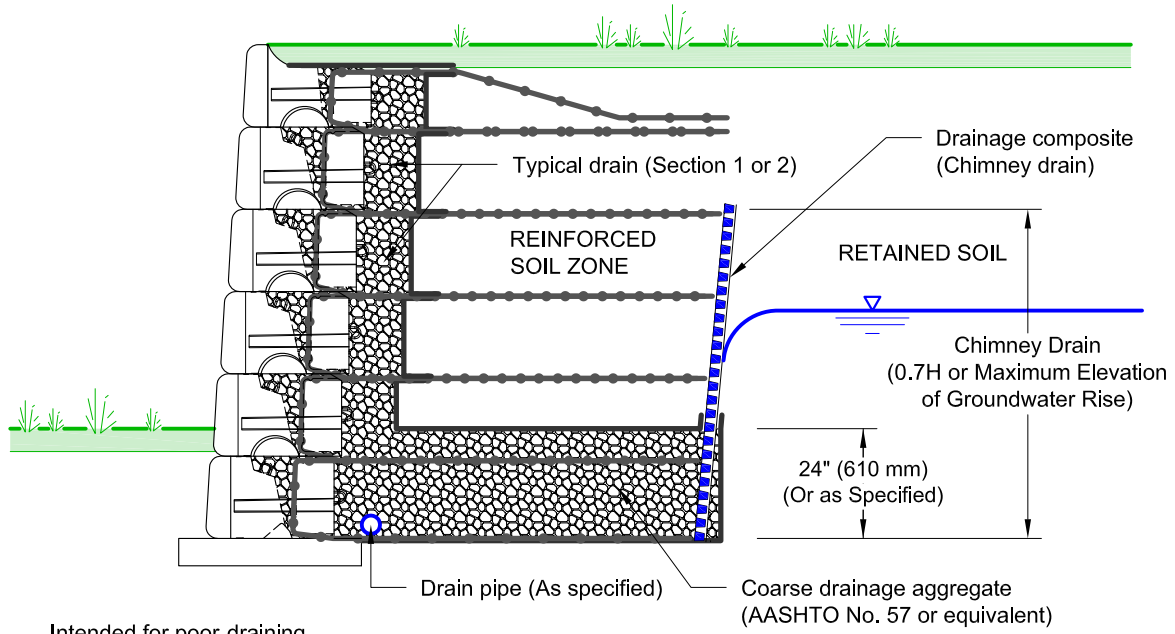


Internal Drainage Options



Typical Section - Option 1

Typical Section - Option 2

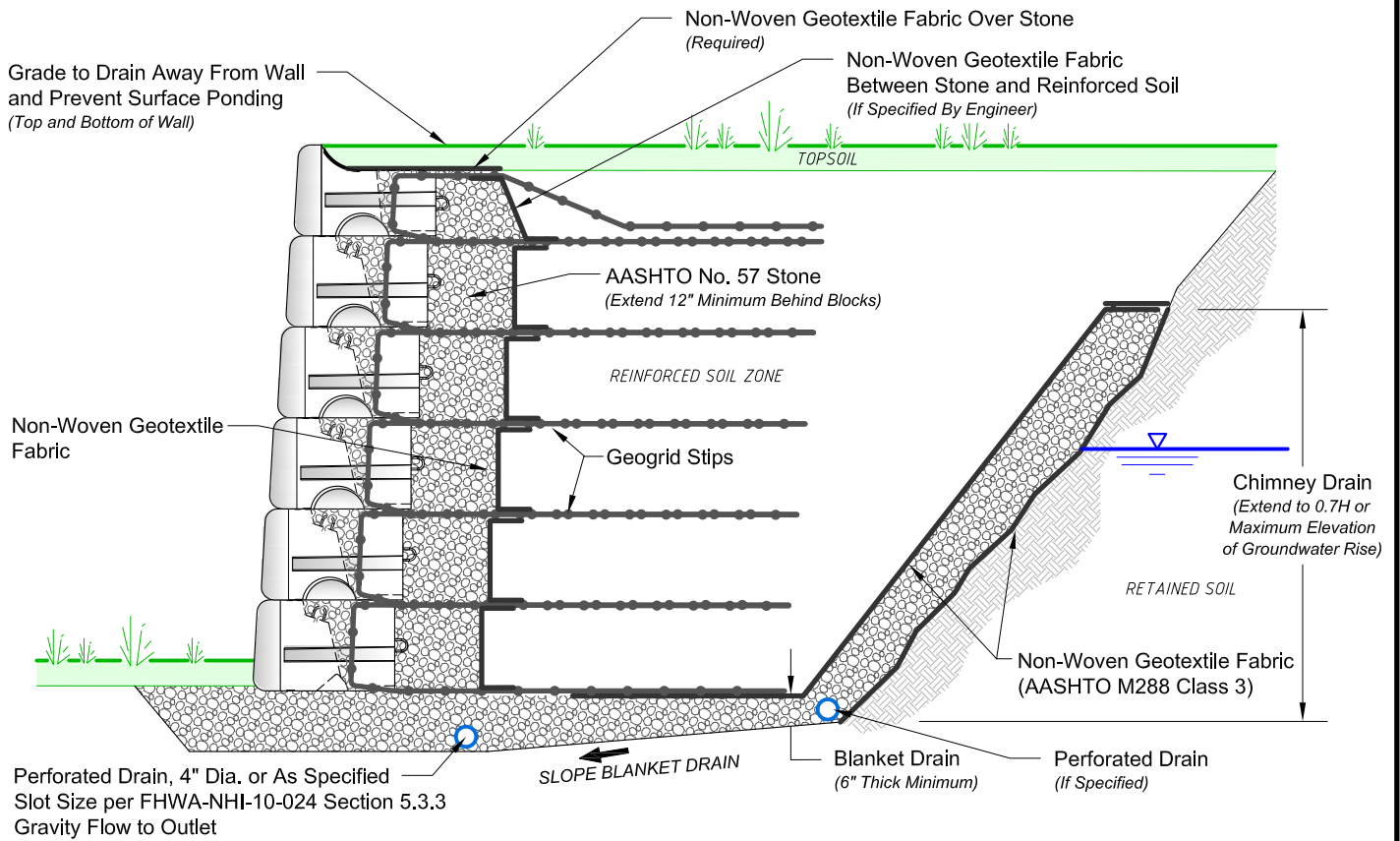


Intended for poor-draining retained soils and/or areas with potential groundwater impact

Blanket and Chimney Drain Section

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DRAWN BY:	JRJ	TITLE:	<h2 style="margin: 0;">Wall Drainage Options</h2>	 05481 US 31 SOUTH, CHARLEVOIX, MI 49720 (866) 222-8400 ext 3010 • engineering@red-rock.com www.red-rock.com
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DATE:	06-22-2015	1 Wall Drainage Options 062215.dwg		
SHEET:	1 of 1			



Stone Chimney Drain Section

(POOR-DRAINING RETAINED SOILS AND/OR AREAS WITH POTENTIAL GROUNDWATER IMPACT)
(NO SCALE)

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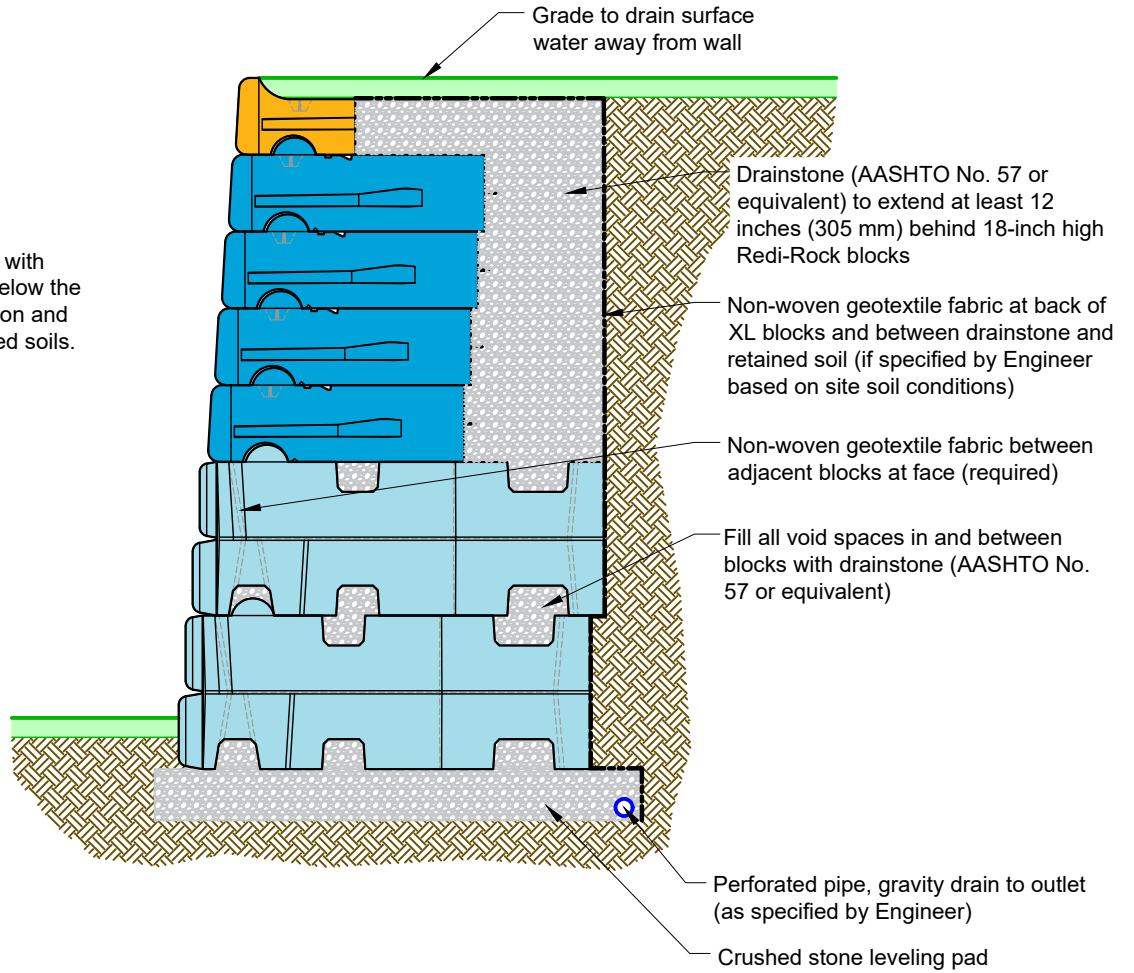
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DATE:	06-22-2015
SHEET:	1 of 1

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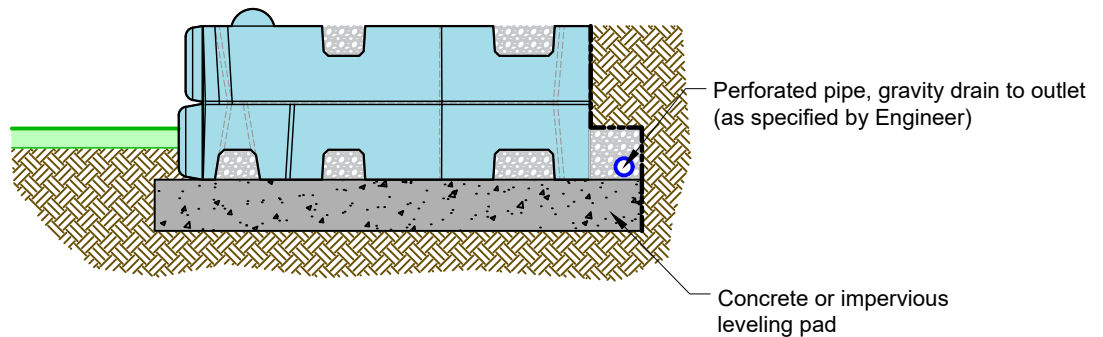
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Typical Drainage Detail - Cross Section

Applicable for sites with groundwater well below the leveling pad elevation and well-drained retained soils.



Alternate Detail for Concrete or Impervious Leveling Pad



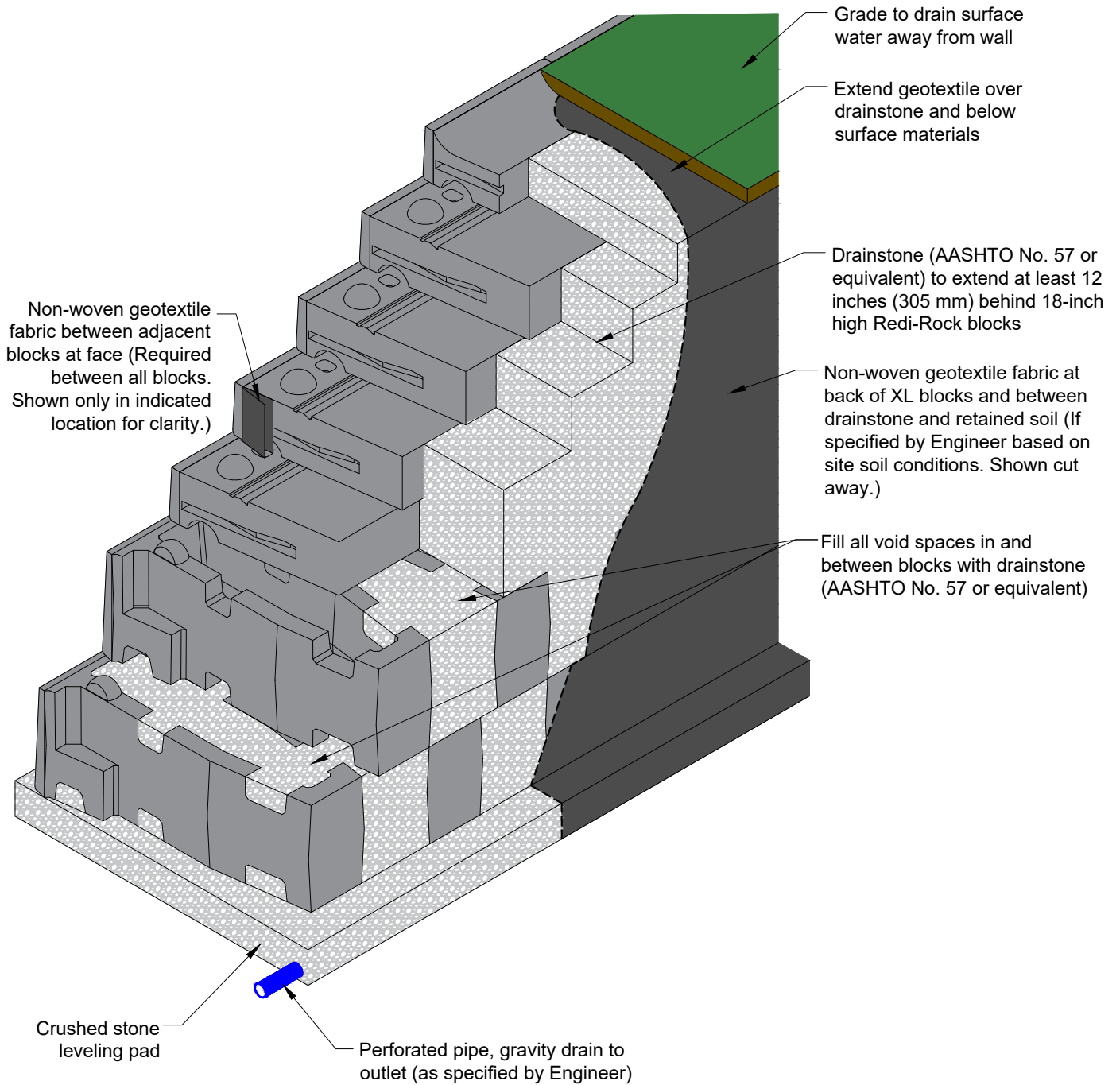
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TITLE:	XL Typical Drainage Details
FILE:	XL Typical Drain Section 062218.dwg

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Typical Drainage Detail - Isometric View



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SHEET:	1 of 1

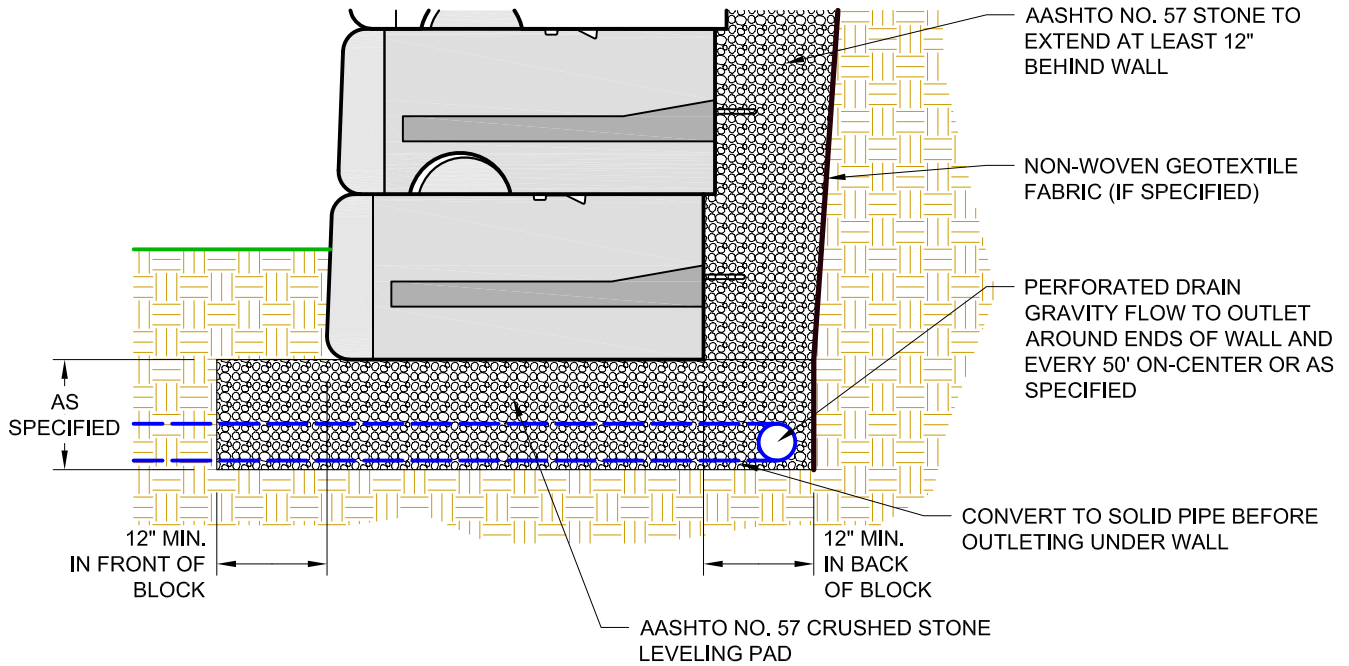
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FILE:	

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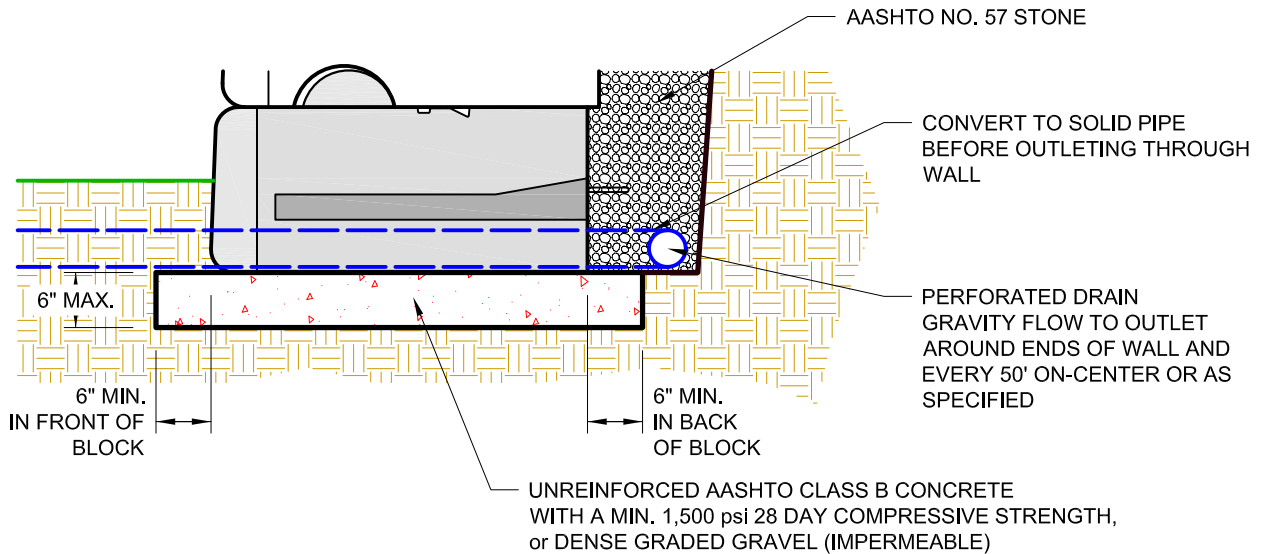
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LEVELING PAD OPTIONS FOR RETAINING WALL BLOCKS

NO SCALE



OPEN-GRADED CRUSHED STONE LEVELING PAD

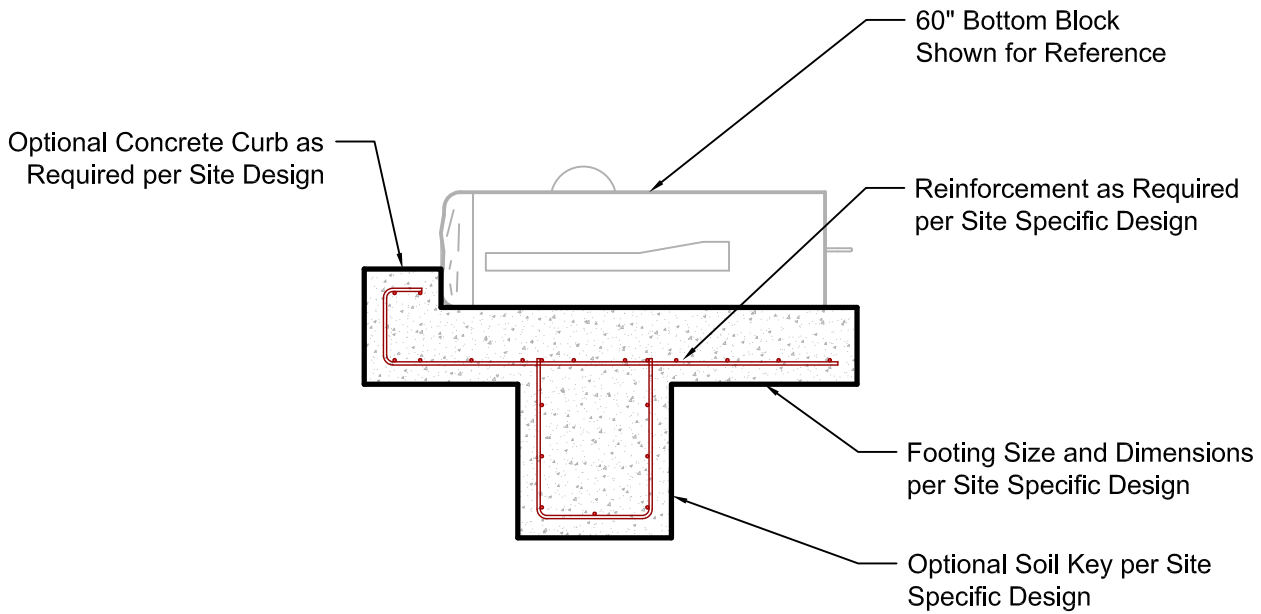


CONCRETE or DENSE GRADED GRAVEL LEVELING PAD

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OPTIONAL CONCRETE LEVELING PAD WITH KEYWAY

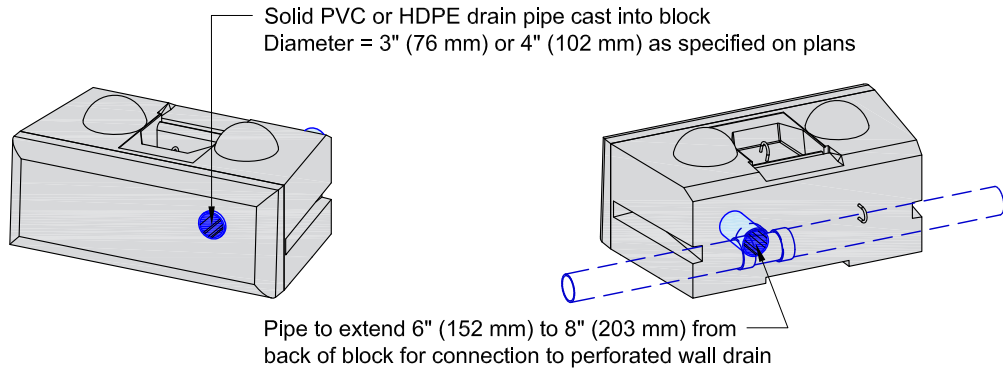
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SHEET:	1 of 1

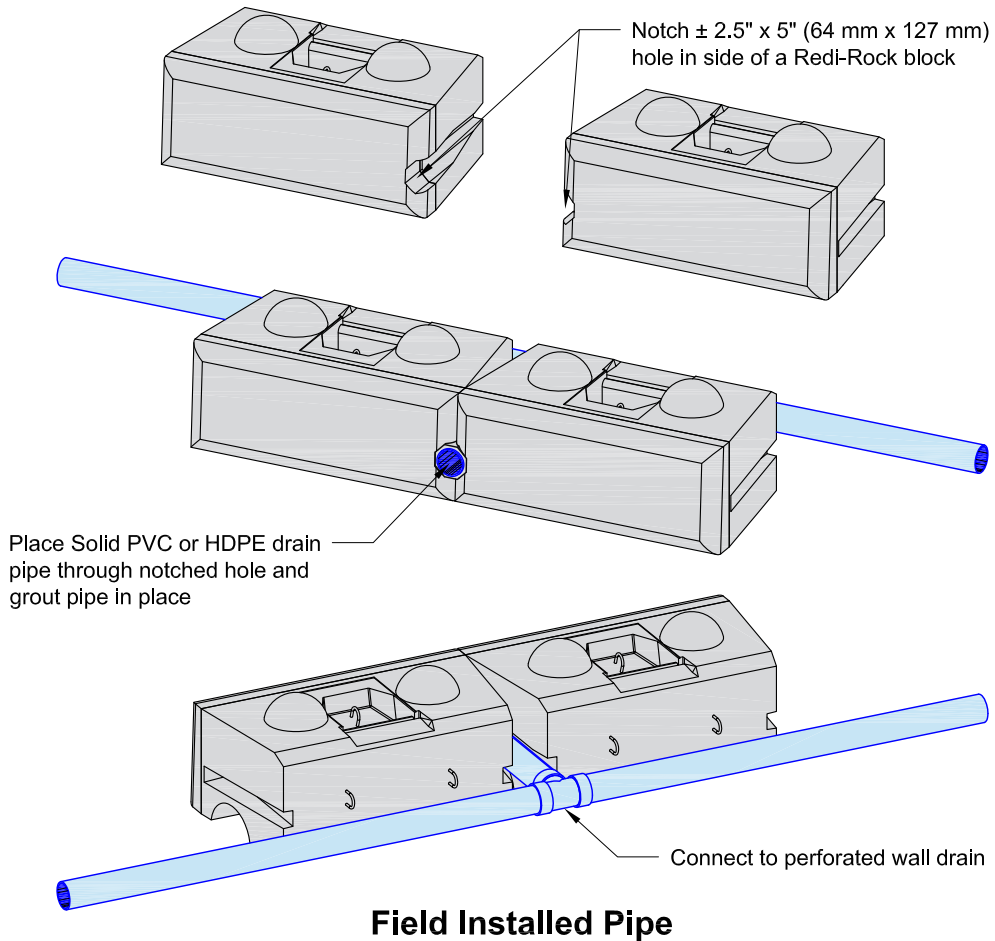
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Wall Drain Weep Hole Options



Custom Pipe Cast into Block



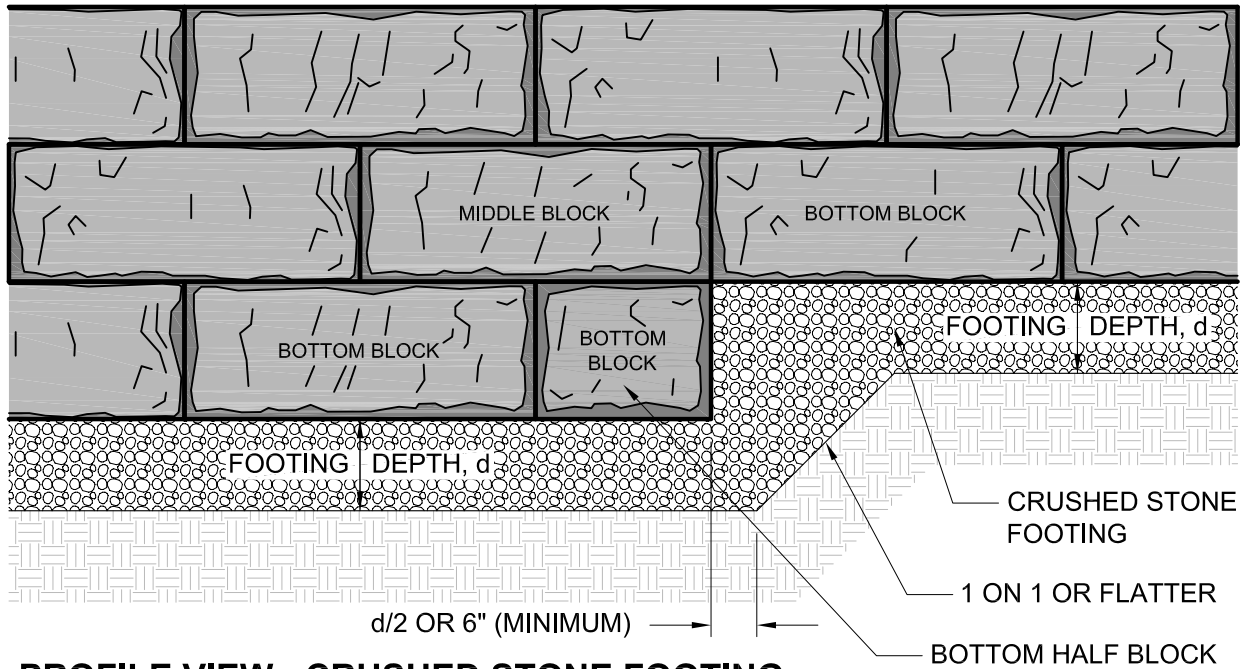
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APPROVED BY:	JRJ
DATE:	06-22-2015
SHEET:	1 of 1

TITLE:	Drainage Weep Options
FILE:	

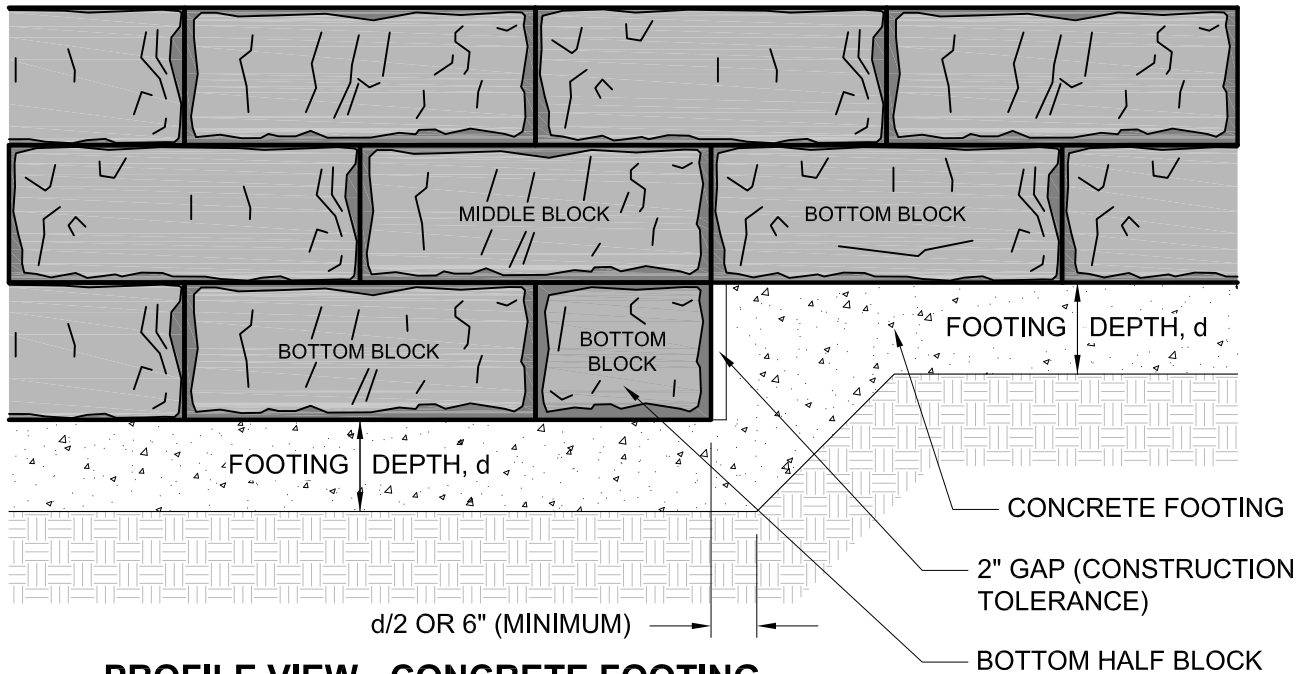
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STEP FOOTING DETAILS



PROFILE VIEW - CRUSHED STONE FOOTING

(No Scale)



PROFILE VIEW - CONCRETE FOOTING

(No Scale)

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TITLE:	Step Footing Details
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