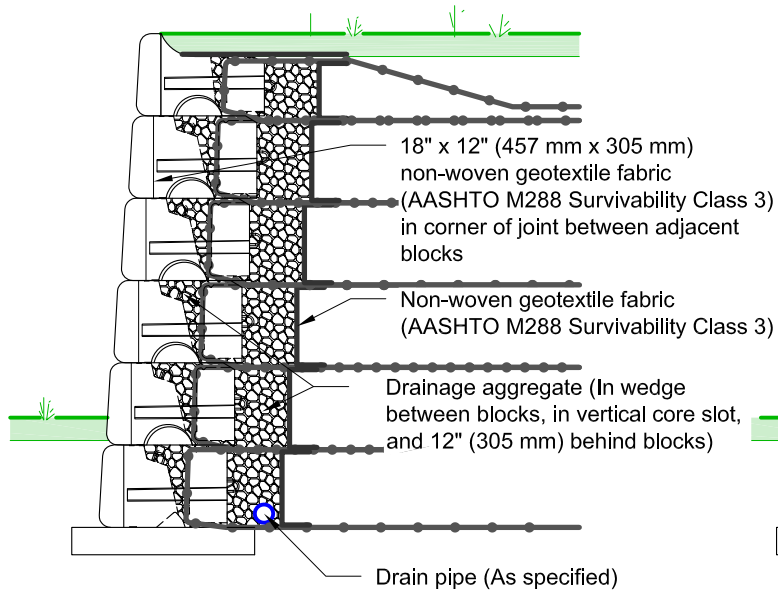
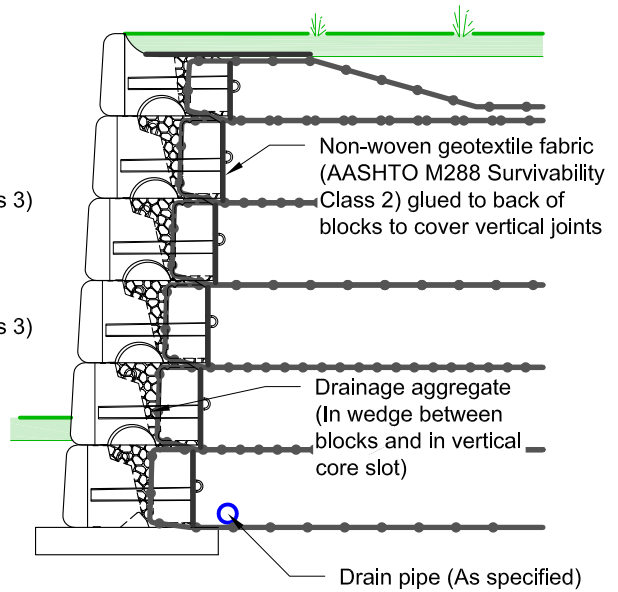


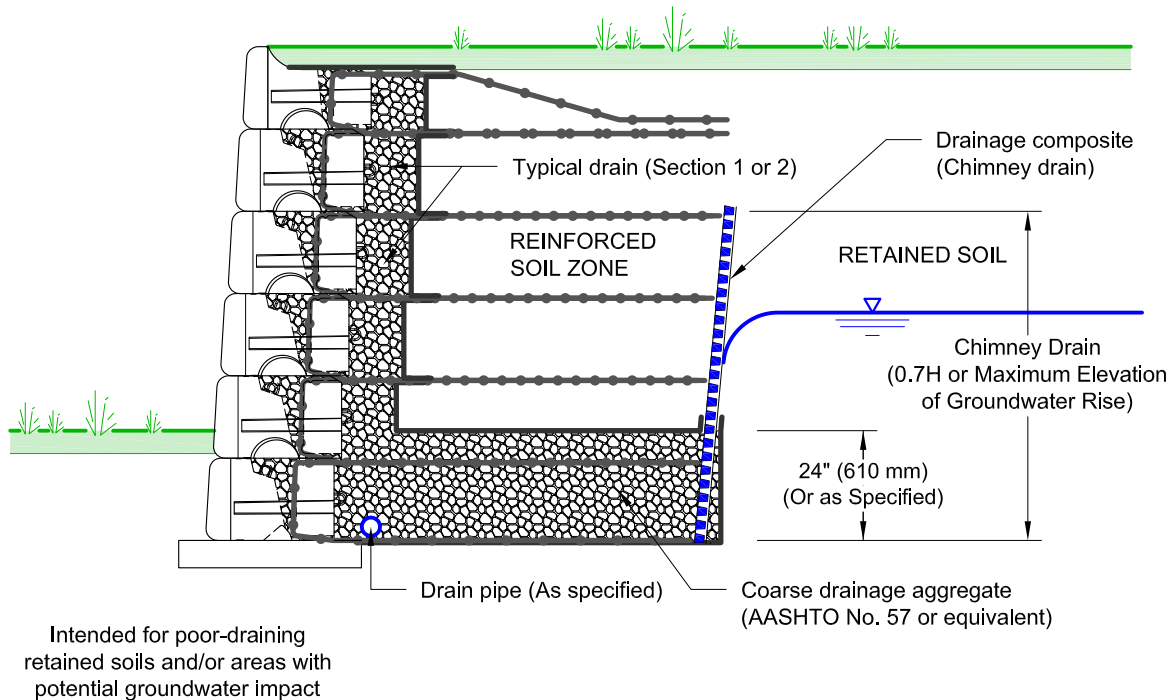
Internal Drainage Options



Typical Section - Option 1



Typical Section - Option 2

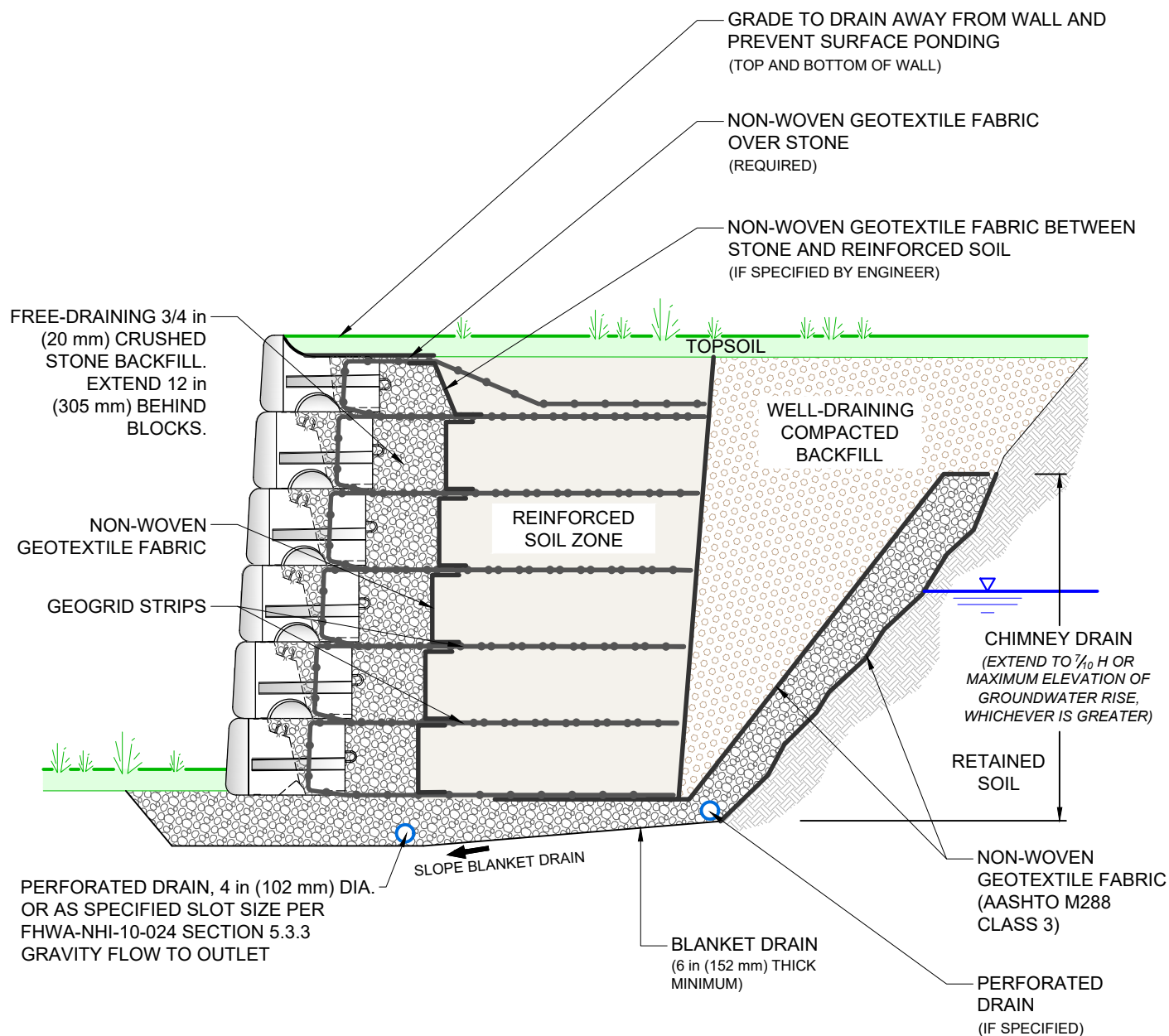


Intended for poor-draining retained soils and/or areas with potential groundwater impact

Blanket and Chimney Drain Section

This drawing is for reference only. Determination of the suitability and/or manner of use of any details contained in this document is the sole responsibility of the design engineer of record. Final project designs, including all construction details, shall be prepared by a licensed professional engineer using the actual conditions of the proposed site.

DRAWN BY:	JRJ	TITLE: Wall Drainage Options	 05481 US 31 SOUTH, CHARLEVOIX, MI 49720 (866) 222-8400 ext 3010 • engineering@redi-rock.com www.redi-rock.com
APPROVED BY:	JRJ		
DATE:	06-22-2015		
SHEET:	1 of 1		
		FILE: 1 Wall Drainage Options 062215.dwg	



Stone Chimney Drain Section

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

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DRAWN BY: JRJ/EGS

APPROVED BY: LBH

DATE: 30-JUL-2025

SHEET: 1 of 1

TITLE:

Stone Chimney Drain

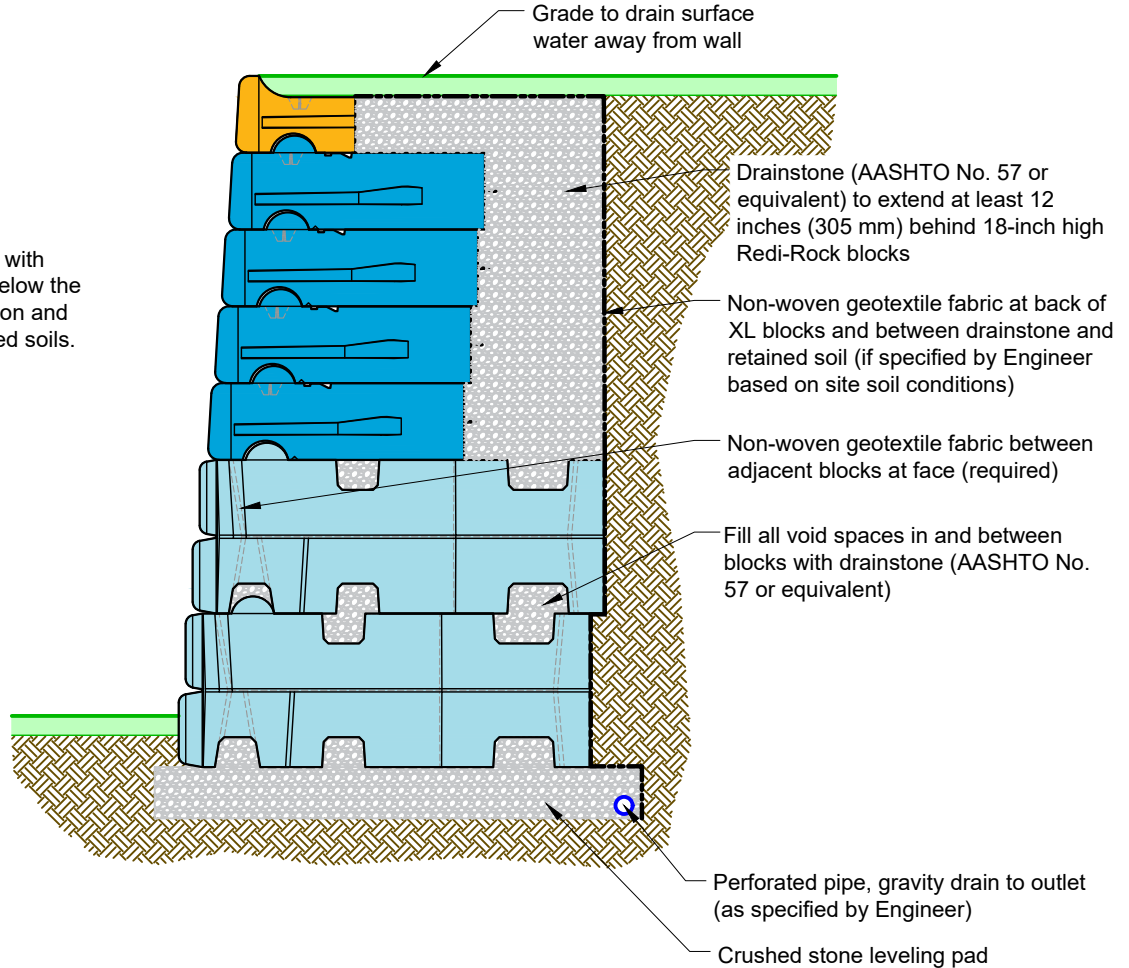
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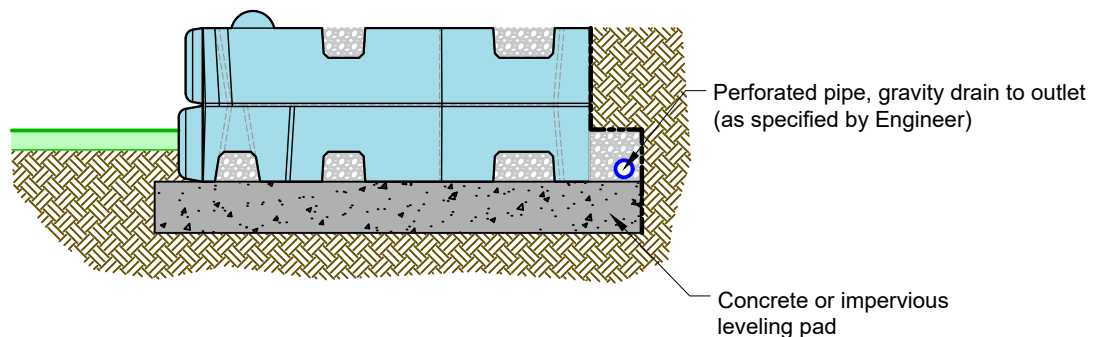
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Typical Drainage Detail - Cross Section

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



Alternate Detail for Concrete or Impervious Leveling Pad



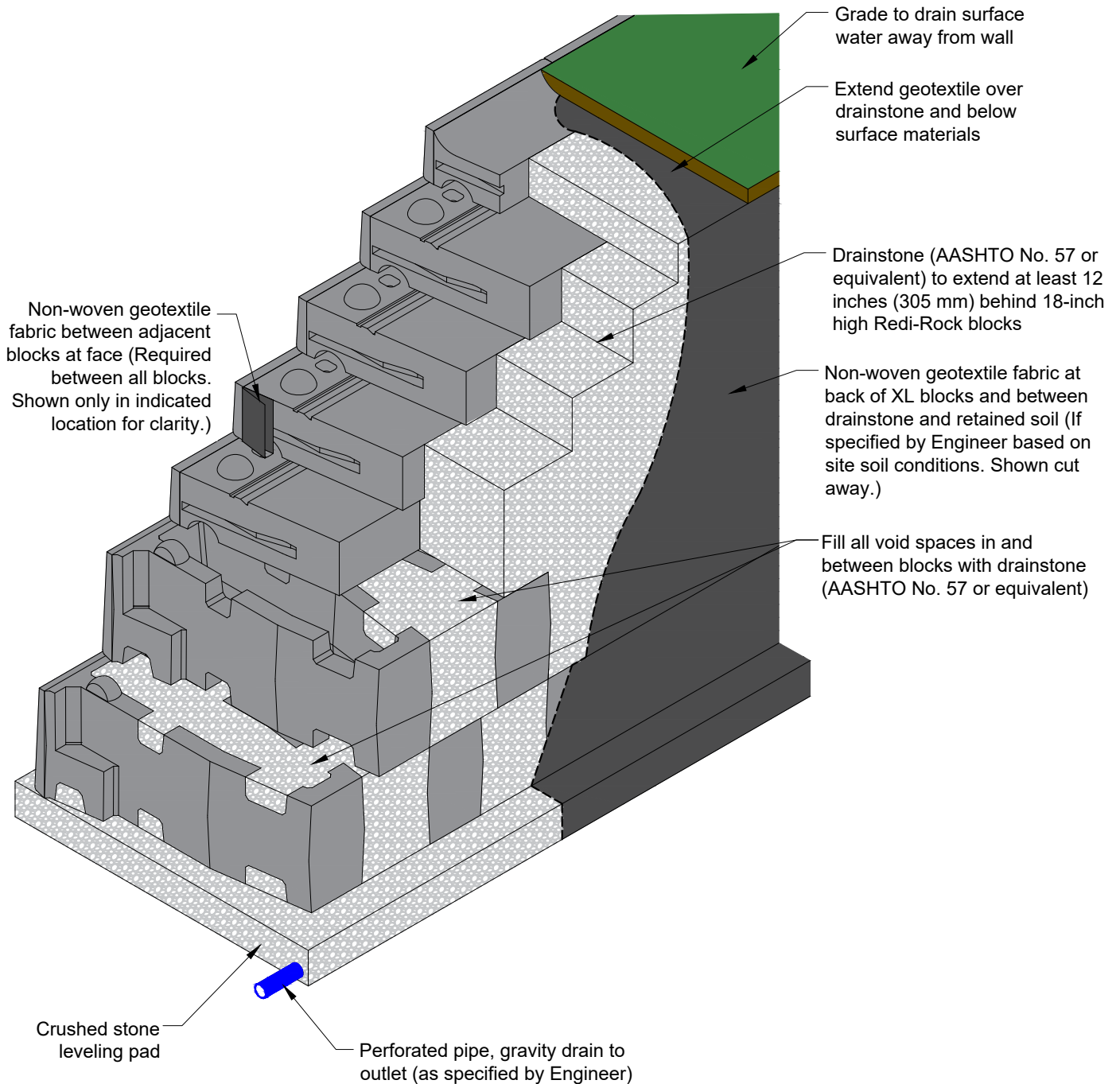
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DRAWN BY:	NWL
APPROVED BY:	JRJ
DATE:	22JUN2018
SHEET:	1 of 1

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

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Typical Drainage Detail - Isometric View

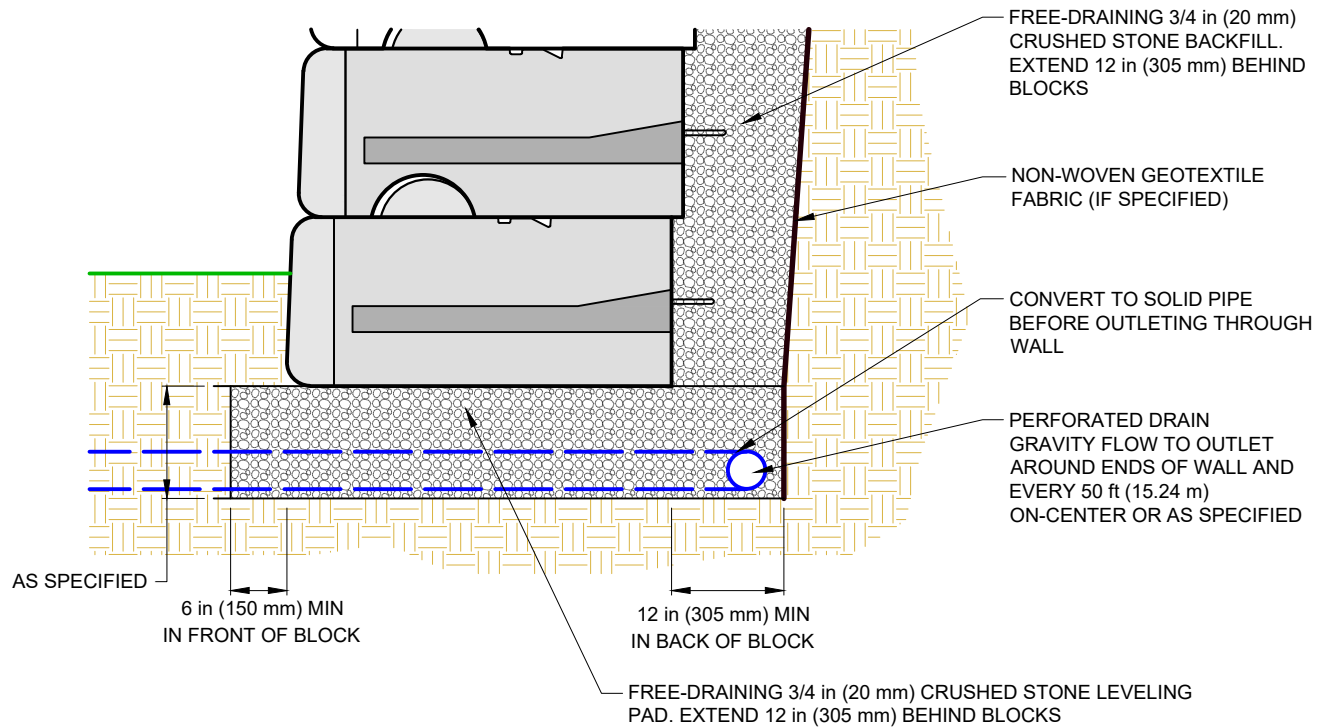


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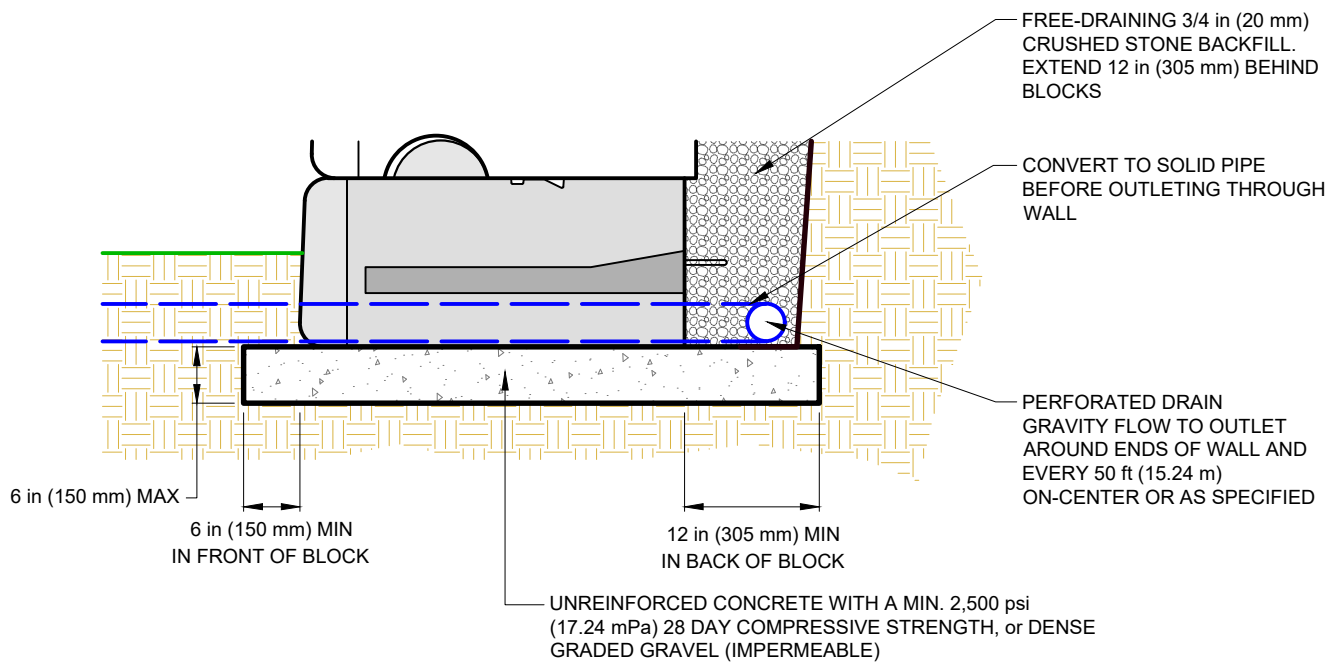
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APPROVED BY:	JRJ		
DATE:	22JUN2018		
SHEET:	1 of 1	FILE: XL Typical Drain Iso 062218.dwg	

LEVELING PAD OPTIONS

NO SCALE



CRUSHED STONE LEVELING PAD



CONCRETE or DENSE GRADED GRAVEL LEVELING PAD

DRAWN BY: JRJ/EGS

APPROVED BY: LBH

DATE: 28-OCT-2025

SHEET: 1 of 1

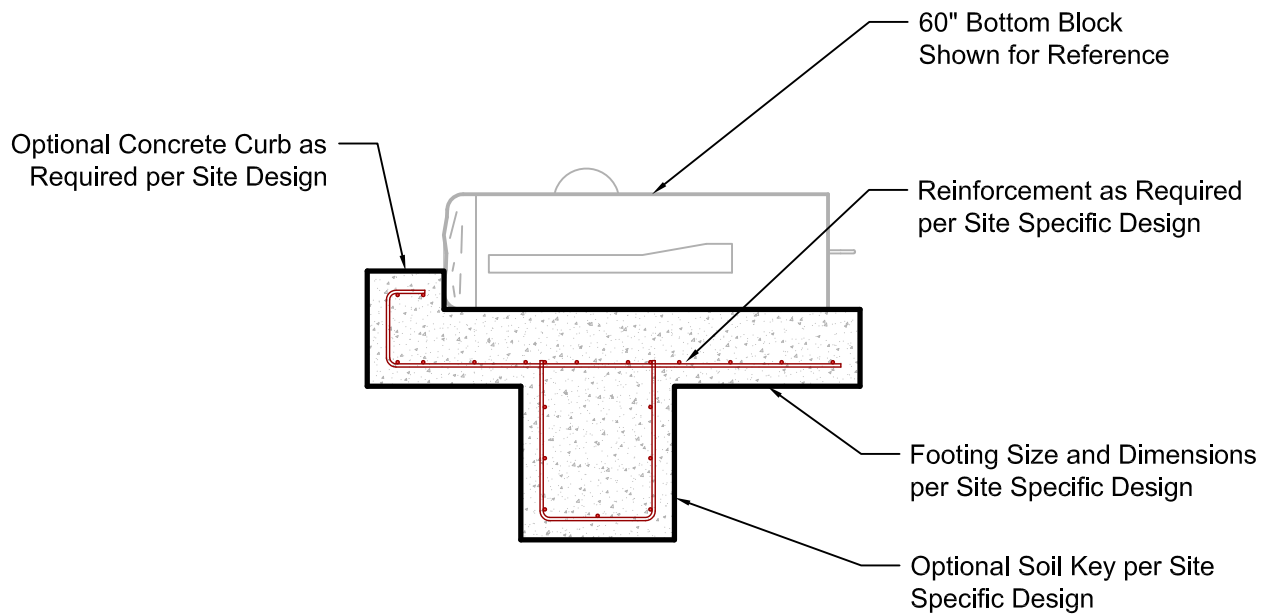
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Leveling Pad Options

FILE: Leveling Pad Options 28OCT2025.dwg

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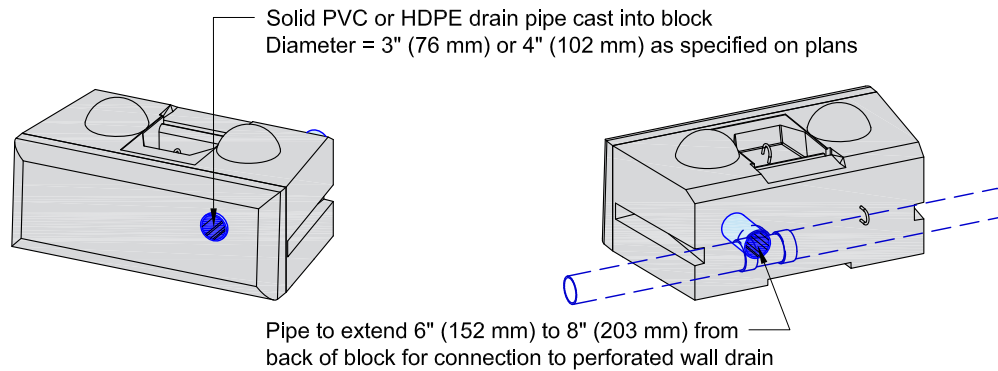


OPTIONAL CONCRETE LEVELING PAD WITH KEYWAY

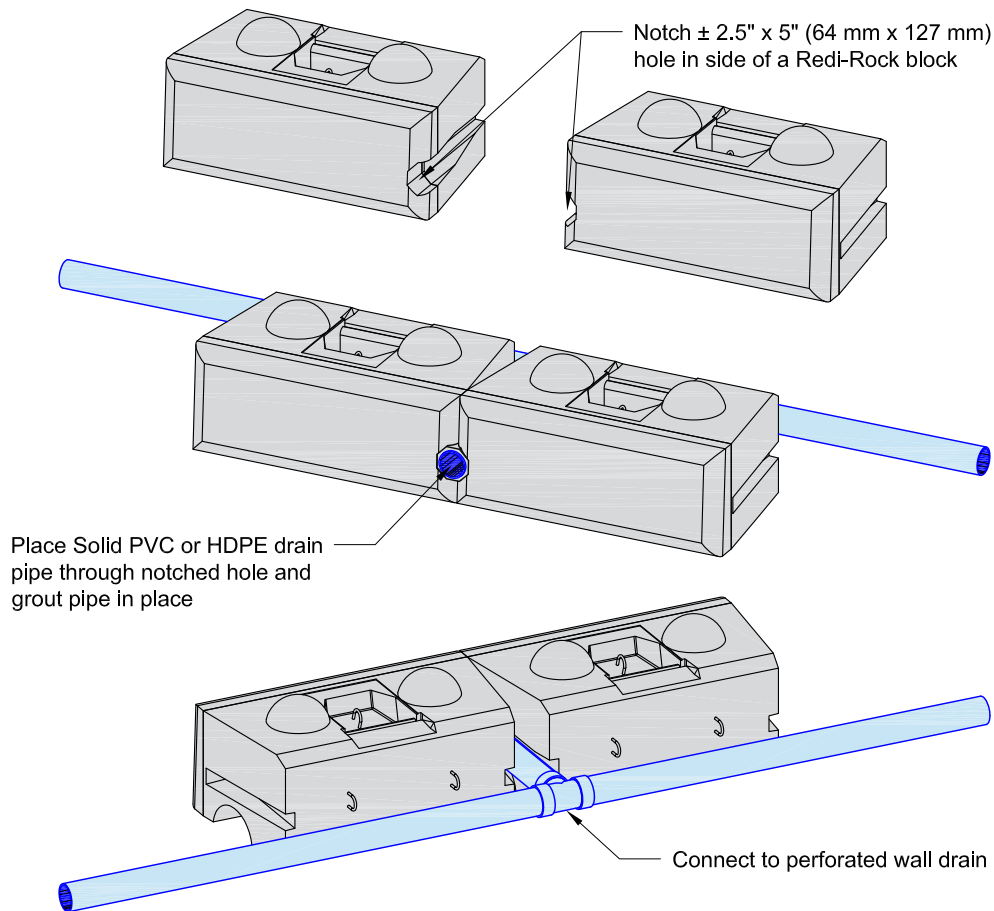
(NO SCALE)

DRAWN BY:	JRJ	Concrete Leveling Pad	 05481 US 31 SOUTH, CHARLEVOIX, MI 49720 (866) 222-8400 ext 3010 • engineering@redi-rock.com www.redi-rock.com
APPROVED BY:	JRJ		
DATE:	06-22-2015		
SHEET:	1 of 1		
FILE:		4 Concrete Leveling Pad 062215.dwg	

Wall Drain Weep Hole Options



Custom Pipe Cast into Block

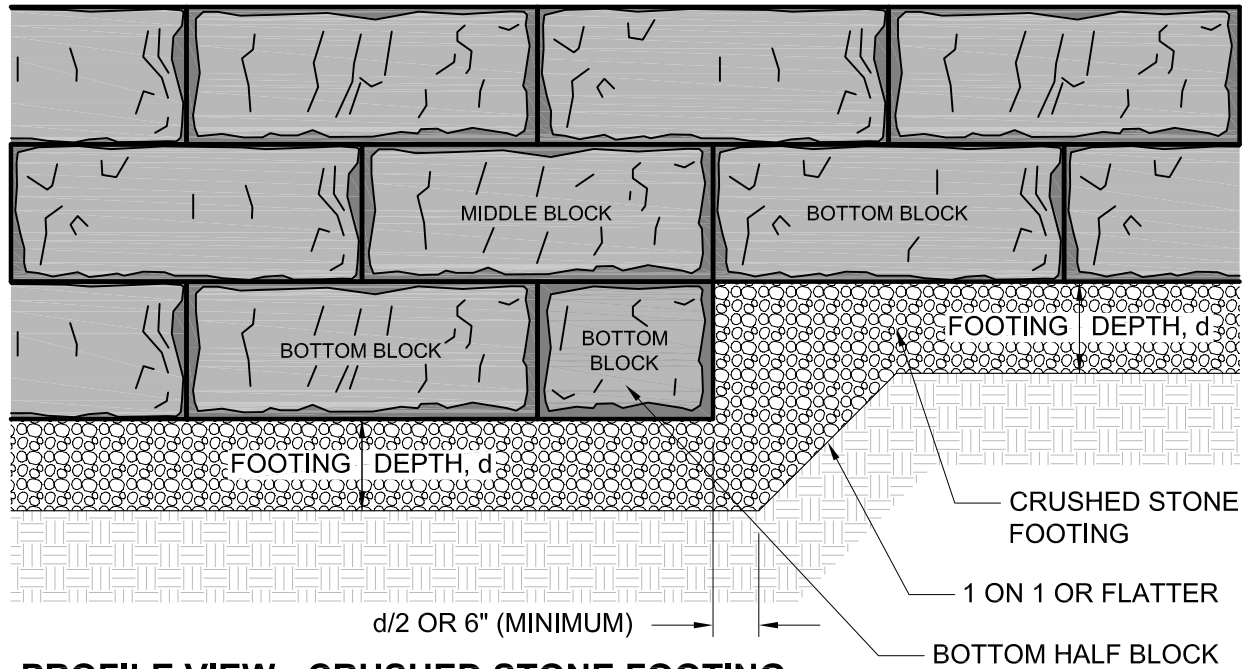


Field Installed Pipe

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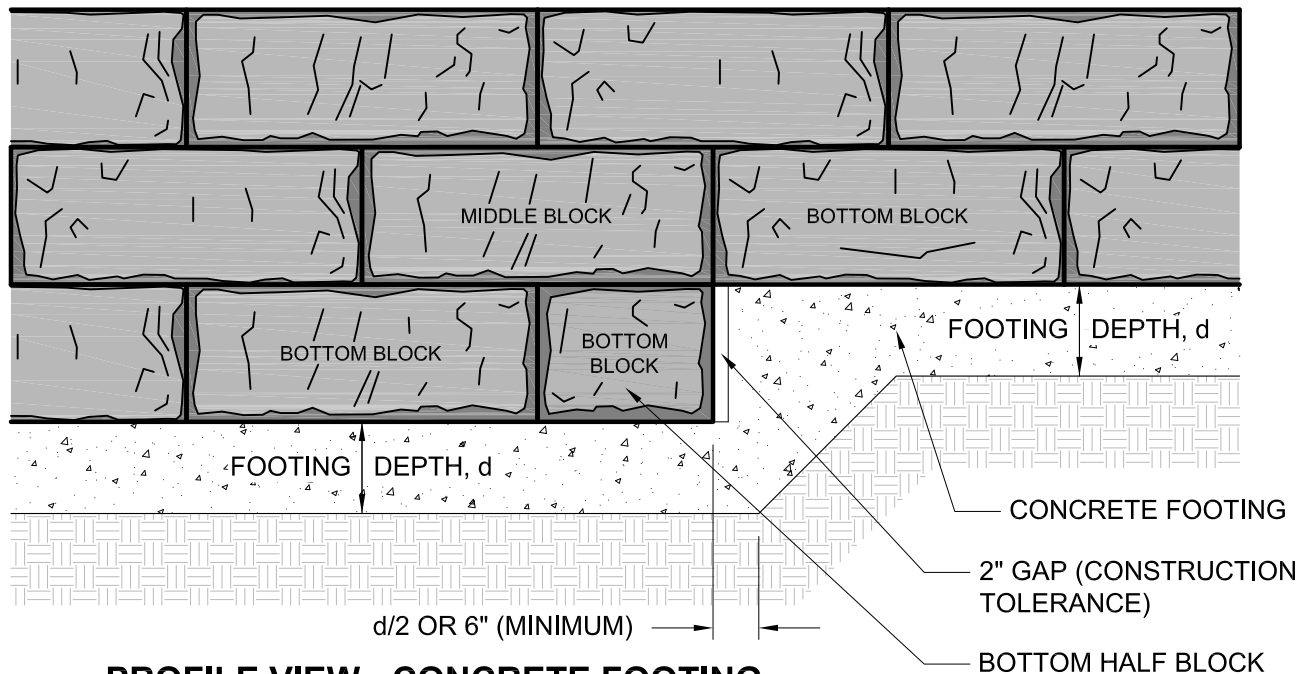
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APPROVED BY:	JRJ			
DATE:	06-22-2015			
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STEP FOOTING DETAILS



PROFILE VIEW - CRUSHED STONE FOOTING

(No Scale)



PROFILE VIEW - CONCRETE FOOTING

(No Scale)

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

TITLE: Step Footing Details
 FILE: 6 Step Footing Details 062215.dwg

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