

# Drainage Options

Rockwood Classic™

Provide for drainage away from wall.  
(i.e. Drainage Swale or Impermeable Soils.)

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Place a minimum of 12" of  
drainage rock behind  
block, where shown.

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Drain Tile (Conditional)

Provide outlet for draitile to  
daylight every 50 linear ft.  
and at low points.

J Drain or Wall Board tied  
into heel drain TYP. 50%  
coverage  $\frac{2}{3}$  height  
(conditional).

Heel Drain (Conditional)  
Aprox 2 cf/ft of crushed rock  
wrapped in filter fabric (not required  
in areas where the combined wall  
height is less than six courses)

Non-Perforated Pipe Outlet at lowest  
possible elevation. Maintain 1% min. fall.  
Add "T" Connectors and pipe to front  
drain at wall low points and a min. of  
every 50 linear ft.

Leveling Pad (6"D x 24"W)

DGA should be placed under  
drainage tile to finished  
grade elevation.

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Heel Drain Outlet  
Stub-out 4" drain pipe from heel drain through face or end of  
wall, to "daylight" or area drainage system at the lowest  
practical elevation at a minimum of 50 ft intervals. More than  
one outlet may be required if multiple low points exist along  
the length of the wall.

Drain Outlet  
Stub-out 4" drain pipe from heel drain through face or end of  
wall, to "daylight" or area drainage system at the lowest  
practical elevation at a minimum of 50 ft intervals. More than  
one outlet may be required if multiple low points exist along  
the length of the wall.

Typical Heel Drain Option

Typical J Drain/Wall Board Option

Not to Scale

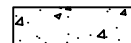
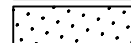

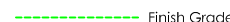

This drawing is furnished for preliminary design purposes only, and should not be used for final design drawings or construction drawings without the certification of a professional engineer registered in the state in which the wall will be constructed. These drawings are "typical" and may be amended or revised by the SRW engineer based on project site conditions and purposes.

No.	Date.	Revision.	By.

PREPARED BY:



**ROCKWOOD**  
RETAINING WALLS  
*A better way.*

Legend	
	Leveling Pad
	Drainage Rock
	Geogrid
	Finish Grade
	Filter Fabric

Project Name: \_\_\_\_\_  
 Project Location: \_\_\_\_\_  
 Drawing Description: **Drainage Options**

Prepared For: \_\_\_\_\_  
 Drawn By: \_\_\_\_\_  
 Checked By: \_\_\_\_\_  
 Sheet: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Project Number: \_\_\_\_\_