TYPICAL DRAIN SECTIONS

(WELL-DRAINING RETAINED SOILS WITH NO POTENTIAL FOR GROUNDWATER IMPACT)
(NO SCALE)

Refer to NCMA's Design Manual for Segmental Retaining Walls, Second Edition for More Typical Details

Crushed Stone Leveling Pad (Depth Per Design Requirements)

Grade to Drain Away From Wall and Prevent Surface Ponding (Top and Bottom of Wall)

Non-Woven Geotextile Fabric (If Specified By Engineer)

REINFORCED SOIL ZONE

Drainstone Backfill (Extend 12" Minimum Behind Blocks)

Non-Woven Geotextile Fabric on Back of Blocks (Required)

Non-Woven Geotextile Fabric (If Specified By Engineer)

Perforated Drain, 4" Dia. PVC "Sock" Pipe or As Specified By Engineer Gravity Flow to Outlet

TYPICAL DRAIN SECTIONS

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

Refer to NCMA's Design Manual for Segmental Retaining Walls, Second Edition for More Typical Details

Crushed Stone Leveling Pad (Depth Per Design Requirements)

Grade to Drain Away From Wall and Prevent Surface Ponding (Top and Bottom of Wall)

Non-Woven Geotextile Fabric (If Specified By Engineer)

REINFORCED SOIL ZONE

Drainstone Backfill (Extend 12" Minimum Behind Blocks)

Non-Woven Geotextile Fabric on Back of Blocks (Required)

Reinforcement (Length Per Design)

WELL-DRAINING COMPACTED BACKFILL

Chimney Drain (Extend to 0.7'H or Maximum Elevation of Groundwater Rise, Whichever is Greater)

Non-Woven Geotextile Fabric (If Specified By Engineer)

Blanket Drain (6" Thick Minimum)

Perforated Drain

Drain Options - Typical Reinf Wall Details.dwg