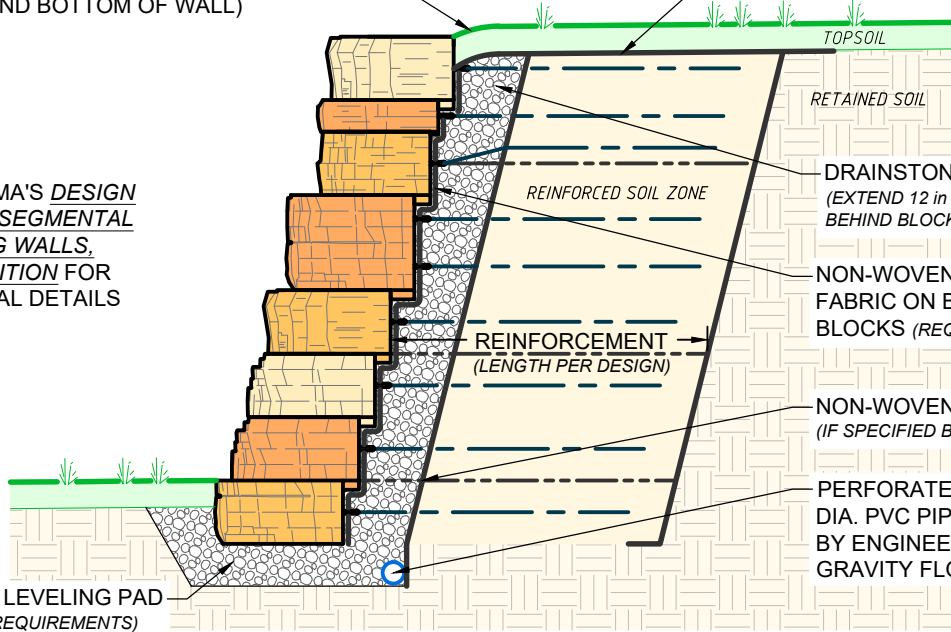


GRADE TO DRAIN AWAY FROM WALL
AND PREVENT SURFACE PONDING
(TOP AND BOTTOM OF WALL)

NON-WOVEN GEOTEXTILE FABRIC
(IF SPECIFIED BY ENGINEER)

REFER TO NCMA'S *DESIGN
MANUAL FOR SEGMENTAL
RETAINING WALLS,
SECOND EDITION* FOR
MORE TYPICAL DETAILS



DRAINSTONE BACKFILL
(EXTEND 12 in (305 mm) MINIMUM
BEHIND BLOCKS)

NON-WOVEN GEOTEXTILE
FABRIC ON BACK OF
BLOCKS (REQUIRED)

NON-WOVEN GEOTEXTILE FABRIC
(IF SPECIFIED BY ENGINEER)

PERFORATED DRAIN, 4 in (102 mm)
DIA. PVC PIPE OR AS SPECIFIED
BY ENGINEER
GRAVITY FLOW TO OUTLET

CRUSHED STONE LEVELING PAD
(DEPTH PER DESIGN REQUIREMENTS)

TYPICAL DRAIN SECTION

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

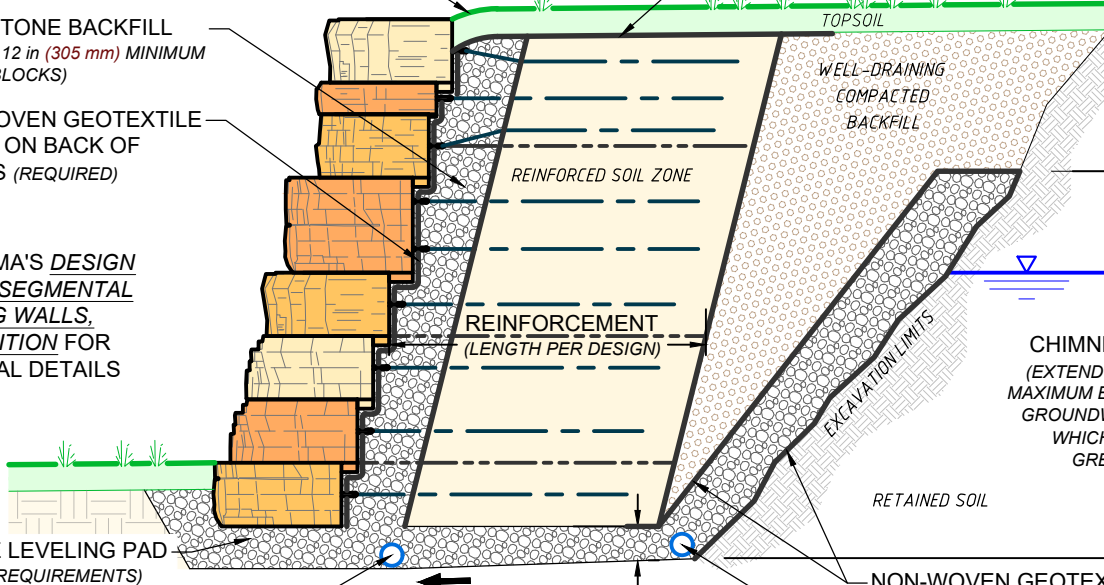
GRADE TO DRAIN AWAY FROM WALL
AND PREVENT SURFACE PONDING
(TOP AND BOTTOM OF WALL)

NON-WOVEN GEOTEXTILE FABRIC
(IF SPECIFIED BY ENGINEER)

DRAINSTONE BACKFILL
(EXTEND 12 in (305 mm) MINIMUM
BEHIND BLOCKS)

NON-WOVEN GEOTEXTILE
FABRIC ON BACK OF
BLOCKS (REQUIRED)

REFER TO NCMA'S *DESIGN
MANUAL FOR SEGMENTAL
RETAINING WALLS,
SECOND EDITION* FOR
MORE TYPICAL DETAILS



CHIMNEY DRAIN
(EXTEND TO $\frac{1}{10} H$ OR
MAXIMUM ELEVATION OF
GROUNDWATER RISE,
WHICHEVER IS
GREATER)

CRUSHED STONE LEVELING PAD
(DEPTH PER DESIGN REQUIREMENTS)

PERFORATED DRAIN, 4 in (102 mm) DIA.
PVC PIPE OR AS SPECIFIED BY ENGINEER
GRAVITY FLOW TO OUTLET

SLOPE BLANKET DRAIN

BLANKET DRAIN
(6 in (152 mm) THICK MIN.)

NON-WOVEN GEOTEXTILE FABRIC
(IF SPECIFIED BY ENGINEER)

PERFORATED DRAIN
(IF SPECIFIED BY ENGINEER)

TYPICAL DRAIN SECTION

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

DRAWN BY:

J. Johnson/MRV

APPROVED BY:

TITLE:

TYPICAL DRAIN DETAILS

DATE:

30-JUL-2025

DRAWING FILE:

Drain Options - Typical Reinf Wall Details.dwg

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