REFER TO DESIGN DETAILS: ALLAN BLOCK
TYPICAL REINFORCED WALL APPLICATION
FOR ALL OTHER NOTES, DETAILS AND
SPECIFICATIONS.

GEOGRID LENGTH
FILTER FABRIC TO BE
PLACED BETWEEN TOPSOIL
AND WALL ROCK

INSTALL GEOGRID LAYERS PER
DESIGN REQUIREMENTS
INSTALL EMBANKMENT
PROTECTION FABRIC TO
TOP OF WALL ROCK

ALLAN BLOCK UNIT

WELL-GRADED, 1 in - 2 in
(25 mm - 50 mm)
COMPACTED GRANULAR
WALL ROCK WITH NO FINES

EMBANKMENT PROTECTION FABRIC
(TERRATEX EP OR EQUIVALENT)

LOW WATER ELEVATION

RIP-RAP TO
PREVENT EROSION
(AS REQUIRED)

HIGH WATER ELEVATION

4 in (100 mm) DRAIN PIPE PLACED ALONG
BACK OF BLOCK AND VENTED THROUGH
THE FACE OF THE WALL AT THE LOW
WATER ELEVATION. OUTLETS ON 30 ft
(10 m) CENTERS MAXIMUM. RODENT
SCREEN AS NEEDED.

The purpose of this drawing is for preliminary design only. This drawing should not be used for final design or
construction without the certification of a professional engineer registered in the state in which the wall will be
built. The accuracy and use of details contained in this document are the sole responsibility of the user. The
user must verify each detail for accuracy as they pertain to their particular project.

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