

General Notes

Soil Notes
Soil bearing considered in the design and calculations are based on the following parameters:
Internal Friction Angle, Cohesion, Unit wt, Soil Type
Construction Notes
Actual soil parameters may not meet or exceed these listed conditions to be used in wall construction.

Specification Guidelines: Geogrid Reinforcement Systems
The following specifications provide Allan Block Corporation's typical requirements and recommendations. At the engineer of record's discretion these specifications may be revised to accommodate site specific design requirements.
SECTION 2
PART 1: GENERAL
1.1 Scope
Work includes furnishing and installing geogrid reinforcement, wall block, and backfill to the lines and grades designated on the construction drawings and as specified herein.

Surface Drainage Notes
1. Rainfall and other water sources such as irrigation activities can be defined as surface water. The retaining wall design shall take into consideration the management of this water.
2. Erosion control shall be designed to route surface water around and away from the wall.

2.1.1 Geogrid Installation
Geogrid shall be installed to designated height of first geogrid layer, backfill and compact the wall rock and infill soil in layers not to exceed 8 in. (203 mm) lifts below wall to depth equal to designed grid length before grid is installed.

Specification Guidelines: Allan Block Modular Retaining Wall Systems
The following specifications provide Allan Block Corporation's typical requirements and recommendations. At the engineer of record's discretion these specifications may be revised to accommodate site specific design requirements.
SECTION 1: ALLAN BLOCK MODULAR RETAINING WALL SYSTEMS
PART 1: GENERAL
1.1 Scope
Work includes furnishing and installing modular concrete block retaining wall units to the lines and grades designated on the construction drawings and as specified herein.

1.1.1 Foundation Soil Preparation
Foundation soil shall be excavated to the lines and grades as shown on the construction drawings, or as directed by the on-site soils engineer. Foundation soil shall be tested by the geotechnical engineer to determine the actual foundation soil strength meets or exceeds assumed design strength. Soil not meeting the required strength shall be removed and replaced with acceptable material.

2.1.1 Geogrid Installation
Geogrid shall be installed to designated height of first geogrid layer, backfill and compact the wall rock and infill soil in layers not to exceed 8 in. (203 mm) lifts below wall to depth equal to designed grid length before grid is installed.

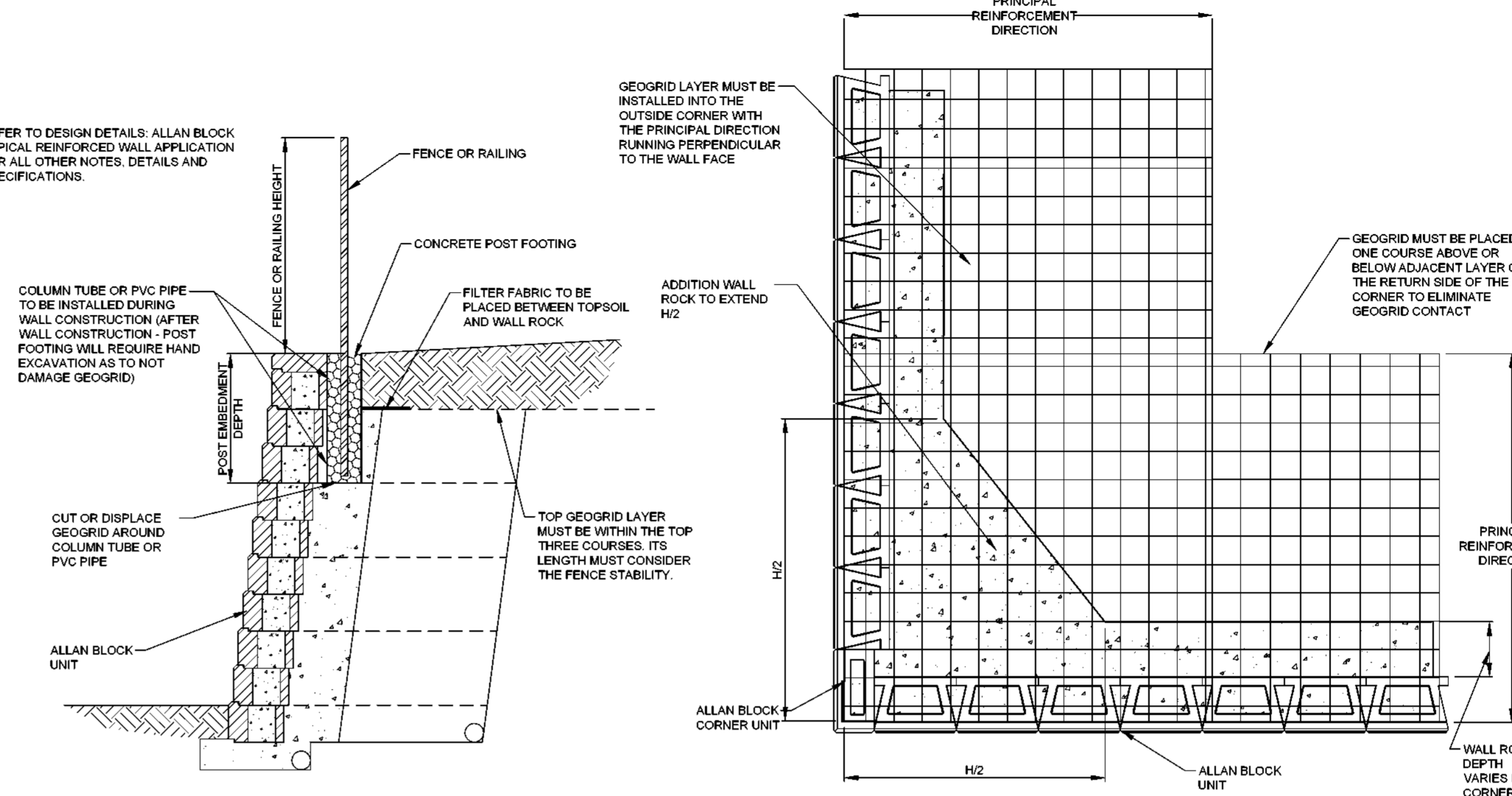
2.1.1 Geogrid Installation
Geogrid shall be installed to designated height of first geogrid layer, backfill and compact the wall rock and infill soil in layers not to exceed 8 in. (203 mm) lifts below wall to depth equal to designed grid length before grid is installed.

3.1 Excavation
Contractor shall excavate to the lines and grades shown on the construction drawings. Contractor shall use caution not to over-excavate beyond the lines shown or to disturb the lower elevations beyond those shown.

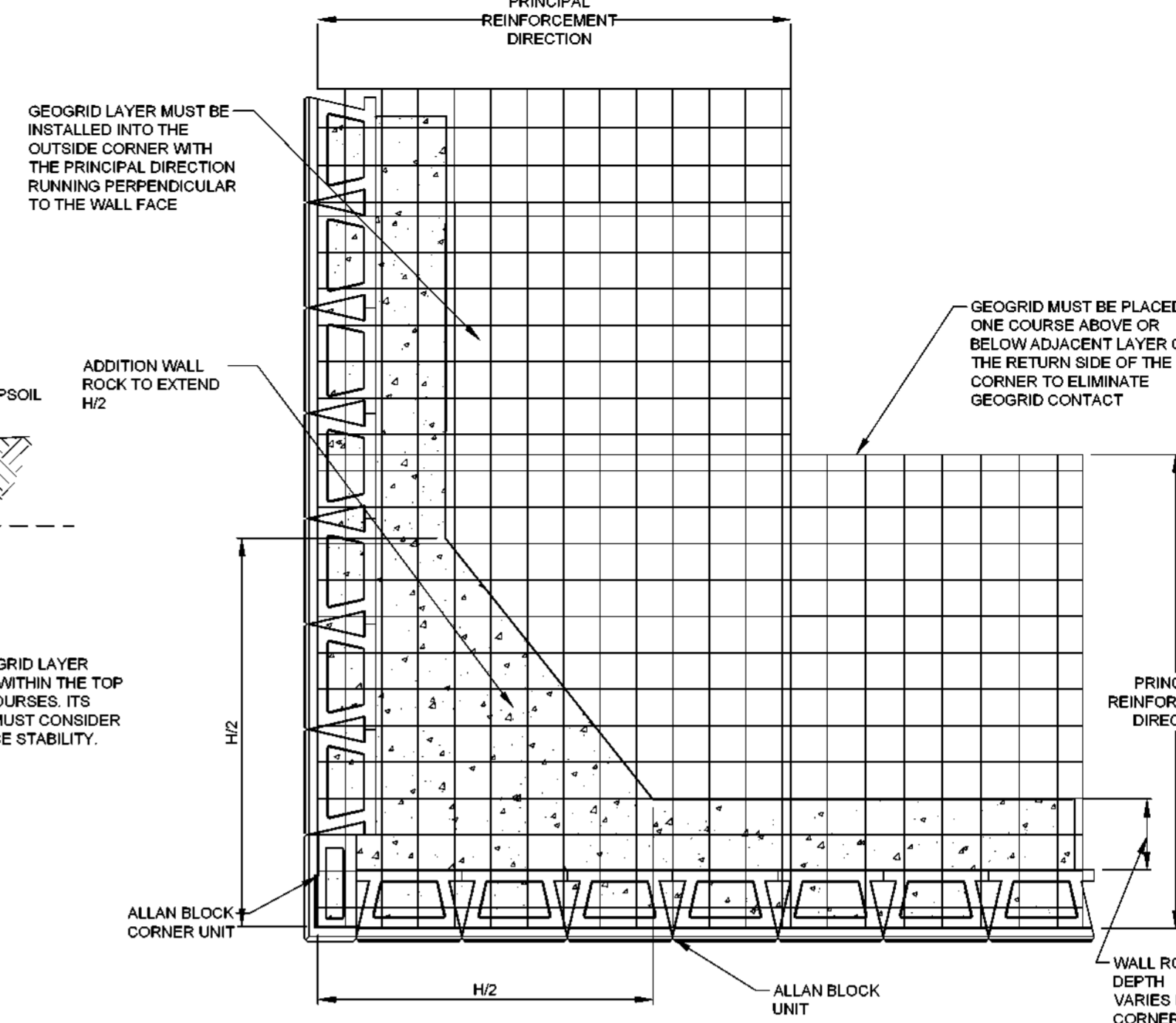
3.1 Excavation
Contractor shall excavate to the lines and grades shown on the construction drawings. Contractor shall use caution not to over-excavate beyond the lines shown or to disturb the lower elevations beyond those shown.

4.1.1 Geogrid Installation
Geogrid shall be installed to designated height of first geogrid layer, backfill and compact the wall rock and infill soil in layers not to exceed 8 in. (203 mm) lifts below wall to depth equal to designed grid length before grid is installed.

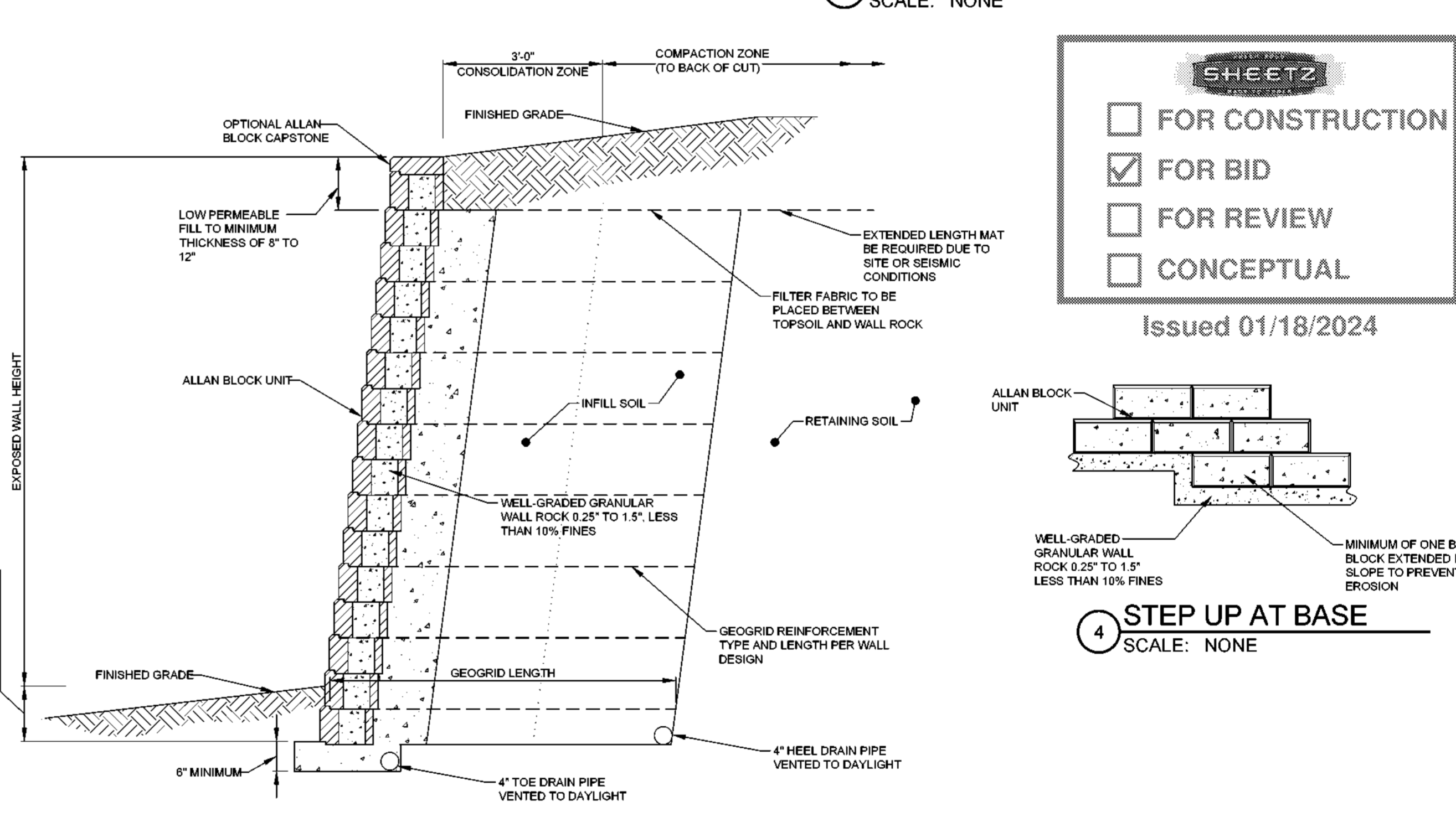
4.1.1 Geogrid Installation
Geogrid shall be installed to designated height of first geogrid layer, backfill and compact the wall rock and infill soil in layers not to exceed 8 in. (203 mm) lifts below wall to depth equal to designed grid length before grid is installed.



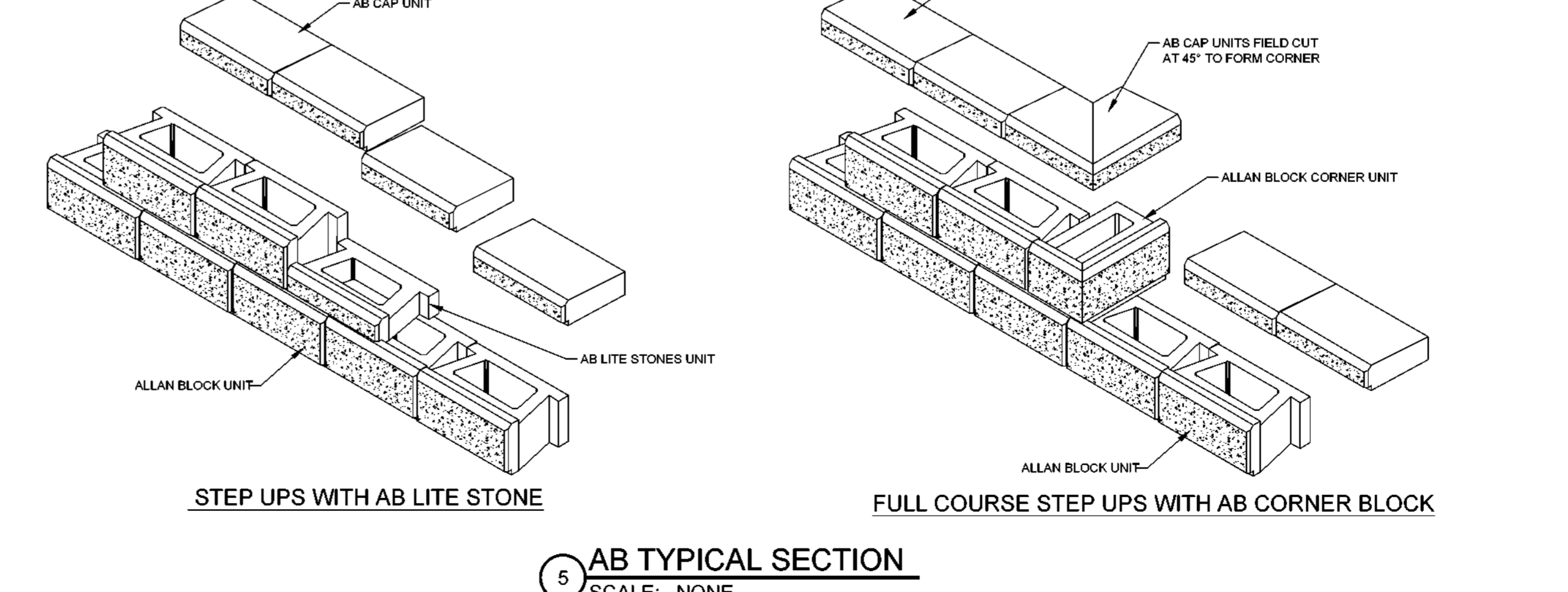
1 WALL SECTION AT FENCE SCALE: NONE



2 OUTSIDE CORNER APPLICATION SCALE: NONE



3 TYPICAL REINFORCED WALL SECTION SCALE: NONE



4 AB TYPICAL SECTION SCALE: NONE

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ALTOONA, PA 16602

PROFESSIONAL
Stamp: NORTH CAROLINA PROFESSIONAL ENGINEER, SEAL 01822, J. D. DAVIS, CIVIL & SURVEYING, 01/15/2024

Checklist for construction stages:
[] FOR CONSTRUCTION
[X] FOR BID
[] FOR REVIEW
[] CONCEPTUAL
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PERMIT REVIEW DRAWINGS