Typical Cross Section

4" Perforated PVC
Drain to Daylight At Lowest Elevation and 50' c/c or as directed by Engineer

Bottom of Wall Finished Grade

4" Perforated PVC
(3/4" Crushed Rock or Stone)

Unit Drainage Fill

Approximate Limits of Excavation

VARY

4" PVC
Drain to Daylight 50' c/c or as directed by Engineer

8" LOW PERMEABLE SOIL

Retained Soil

Unreinforced Concrete or Crushed Stone Leveling Pad

FOUNDATION SOIL

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Design is for internal stability of the Shea wall structure only. External stability, including but not limited to foundation and slope stability is the responsibility of the Owner. The design is based on the assumption that the materials within the retained mass, methods of construction, and quality of materials conform to Shea’s specification for this project.

Disclaimer: This drawing was prepared by Shea Wall Systems, Inc. and to the best of our knowledge, accurately represents the product use in the application that is illustrated. This drawing is for conceptual, instructional, and estimating purposes only. Anyone making use of this drawing does so at their own risk and assumes all liability for such use. Final design for construction purposes must be done by a registered professional engineer who is familiar with the product and who has taken into account the specific site conditions.

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DRAIN TILE DETAIL

RETAINING WALL SYSTEMS

DRAWING # 116