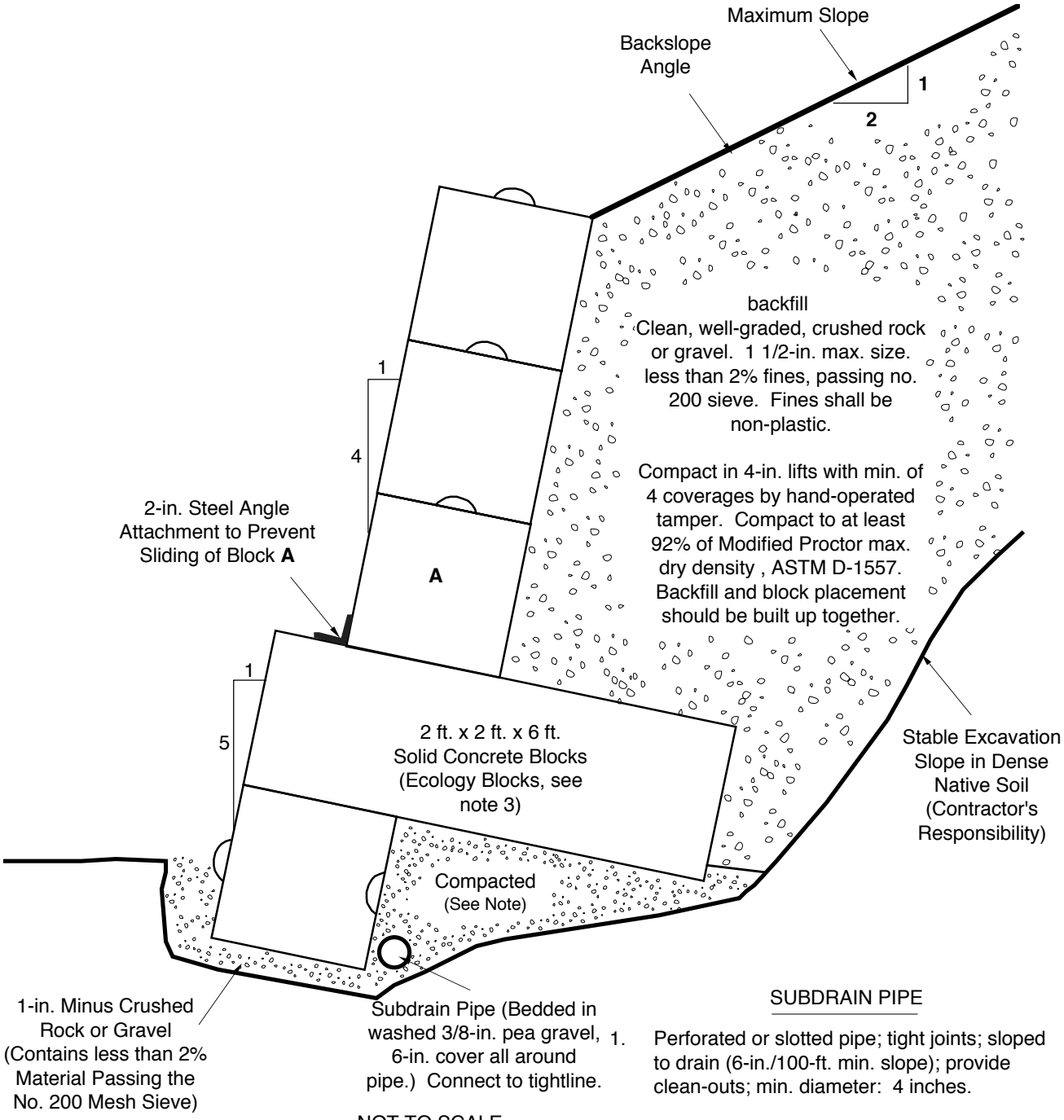

NOT TO SCALE

SUBDRAIN PIPE

1. Perforated or slotted pipe; tight joints; sloped to drain (6-in./100-ft. min. slope); provide clean-outs; min. diameter: 4 inches.
2. Perforated pipe holes (1/8-in. to 3/8-in. dia.) to be in lower half of pipe with lower quarter segment unperforated for water flow.
3. Slotted pipe to have 1/8-in. max. width slots.

NOTE

1. This figure is not for construction. It should only be used for information pertaining to potential design concepts. Final design should be based on site-specific conditions and accomplished by a geotechnical engineer licensed as a professional engineer.
2. All loose to medium dense soil at block foundation should be overexcavated down to dense soil and replaced with compacted backfill as described above. The excavation shall be kept free of water. The prepared block foundation shall be evaluated by a geotechnical engineer prior to placement of blocks.
3. Other block sizes and types are available.

Seattle Landslide Study
Seattle Public Utilities
Seattle, Washington

TYPICAL SECTION
ECOLOGY BLOCK WALL

July 1999 W-7992-01

SHANNON & WILSON, INC.
Geotechnical and Environmental Consultants

FIG. 2-14