DENSE WELL-GRADED SAND or SAND AND GRAVEL LOAD CONDITION C | 1:2.5 BACK SLOPE, NO LIVE LOAD SURCHARGE, NO TOE SLOPE **7 BLOCK HIGH SECTION** (2) 28" (710 mm) Blocks **PRELIMINARY** (3) 41" (1030 mm) Blocks Professional Engineering Design Required for Construction (2) 60" (1520 mm) Blocks Grade to drain surface water away from wall. Drainage swale required. Top block Setback = 1 \(\frac{5}{8} \)" (41 mm) (5° Wall Batter Angle) 28" (710 mm) Move blocks forward during installation to engage shear knobs (Typical) 28" (710 mm) Infill stone (No. 57 or equivalent) Fill between adjacent blocks (all blocks) Fill vertical core slot (PC blocks) Stone to extend at least 12" (305 mm) behind blocks. 9'-6" (2.90 m) 1" (1030 mm) Backfill per design requirements. Install in lifts and compact per project specifications. Non-woven geotextile fabric (If specified by Engineer based on site soil conditions) 10° (1520 mm) Middle block (Typical) 60° (1520 mm) Solid bottom block 1'-0" (305 mm) 🌫 Drain (As specified by Engineer) 1'-0" (305 mm) Leveling pad (As specified by Engineer) This drawing is for reference only. Determination of the suitability and/or manner of use of any details contained in this document is the sole responsibility of the design engineer of record. Final project designs, including all construction details, shall be prepared by a licensed professional engineer using the actual conditions of the proposed site. Final wall design must address both internal and external drainage and all modes of wall stability. DRAWN BY: TITLE: C. Kruger **Preliminary Wall Section**

Dense Well-Graded Sand or Sand and Gravel, φ = 34°

1: 2.5 Back Slope, No Live Load Surcharge, No Toe Slope

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1 of 1

June 8, 2015