TYPICAL SECTION—REINFORCED SHORELINE WALL
SQUARE FOOT UNIT—WITH BLANKET AND CHIMNEY DRAIN
SCALE: NONE

CAP UNIT ADHERES TO TOP UNIT W/VERSA–LOK CONCRETE ADHESIVE
IMPERVIOUS FILL
FILTER FABRIC (OVERLAP GEOGRID 12” MIN.)
GRANULAR REINFORCED BACKFILL COMPACTED 95% OF MAXIMUM STANDARD PROCTOR DENSITY
FILTER FABRIC
DRAINAGE AGGREGATE 18” THICK
CHIMNEY DRAIN EXTEND TOP 0.7H OR MAX ELEV. GROUNDWATER RISE
GEOGRID REINFORCEMENT (SEE PROFILE DRAWINGS)
4” DIA. DRAIN PIPE LOCATION VARIES WITH SUSTAINED WATER ELEVATION
FILTER FABRIC
UNDISTURBED SOIL
MINIMUM 6” THICK
FILTER FABRIC
BLANKET DRAIN 6” MIN. THICKNESS
WATER ELEVATION
RIP RAP AS REQUIRED
VERSA–LOK SQUARE FOOT MODULAR CONCRETE UNITS

VERSALOK®
Retaining Wall Systems
Solid Solutions™

VERSALOK SQUARE FOOT DETAILS
REINFORCED SHORELINE WALL

THESE PRELIMINARY DETAILS ARE INTENDED AS AN AID IN DESIGNING ATTRACTIVE, DURABLE RETAINING WALLS WITH VERSA–LOK UNITS. FINAL DETERMINATION OF THE SUITABILITY OF ANY INFORMATION OR MATERIAL FOR THE USE CONTEMPLATED, AND ITS MANNER OF USE, IS THE SOLE RESPONSIBILITY OF THE USER. A FINAL PROJECT SPECIFIC DESIGN SHOULD BE PREPARED BY A QUALIFIED, LICENSED, PROFESSIONAL ENGINEER.