NOTE: TYPICAL CROSS-SECTION SHOWS ONLY THE RETAINING WALL COMPONENTS AND IS NOT REPRESENTATIVE OF AN ACTUAL DESIGN SECTION. CONSULT A PROFESSIONAL ENGINEER FOR ACTUAL SITE-SPECIFIC DESIGN.

3" CAP UNIT

FIRMA BLOCK

12 INCHES OF FREE DRAINING AGGREGATE

3/8" PER COURSE SETBACK

4"∅ SLOTTED DRAIN PIPE—OUTLET TO DAYLIGHT 40' O.C. MAX. SPACING

6" MIN. BURIED

6"x24" COMPACTED GRANULAR BASE LEVELING PAD

REINFORCEMENT LENGTH*

COMPACTED REINFORCED ZONE SOIL (95% STANDARD PROCTOR, ASTM D698)

DENSE, STABLE COMPACTED SOIL

EXTENT OF EXCAVATION

RETAINED SOIL

*NOTE: CONSULT A PROFESSIONAL ENGINEER TO DETERMINE ACTUAL GEOGRID LENGTHS

TITLE:
NICOLOCK FIRMA TYPICAL GEOGRID REINFORCED CROSS-SECTION

SCALE:
NOT TO SCALE
NOTE: MAXIMUM EXPOSED HEIGHT FOR GRAVITY WALLS IS 36" UNDER IDEAL CONDITIONS. SOIL TYPE, CREST SLOPES & SURCHARGES WILL DECREASE MAX. EXPOSED HEIGHT FOR GRAVITY WALLS. CONSULT A PROFESSIONAL ENGINEER TO DETERMINE SITE SPECIFIC CONDITIONS.