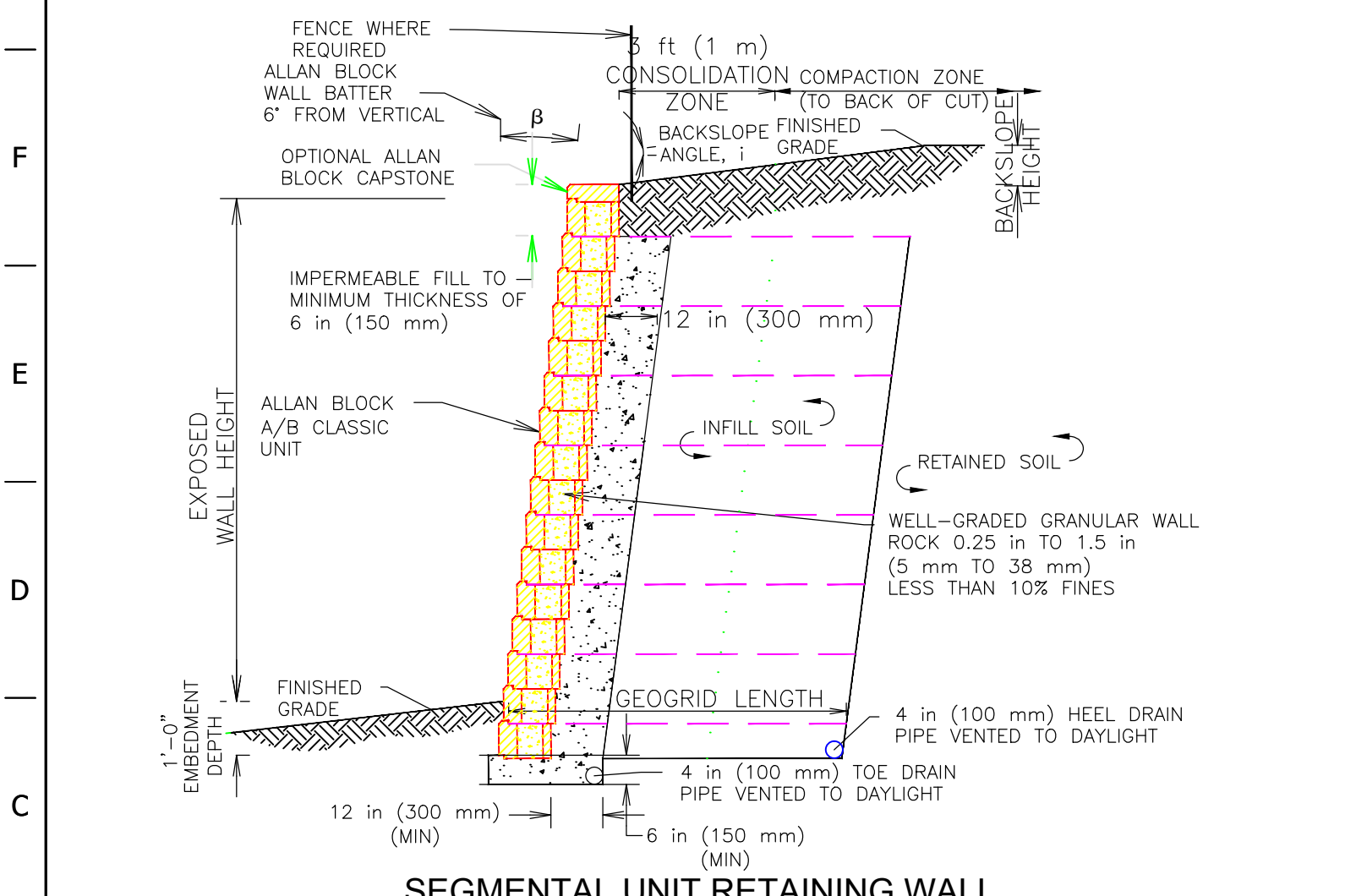
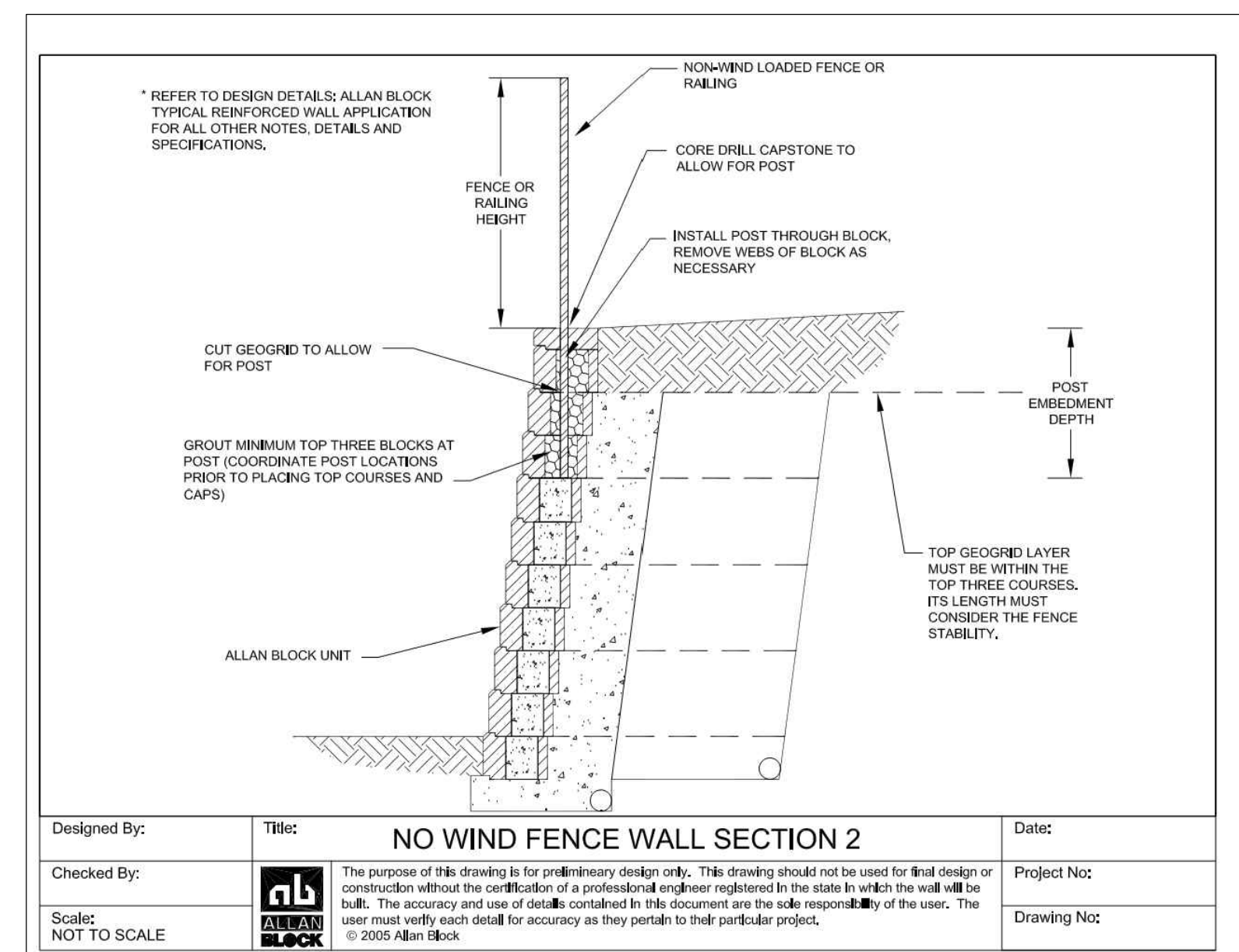


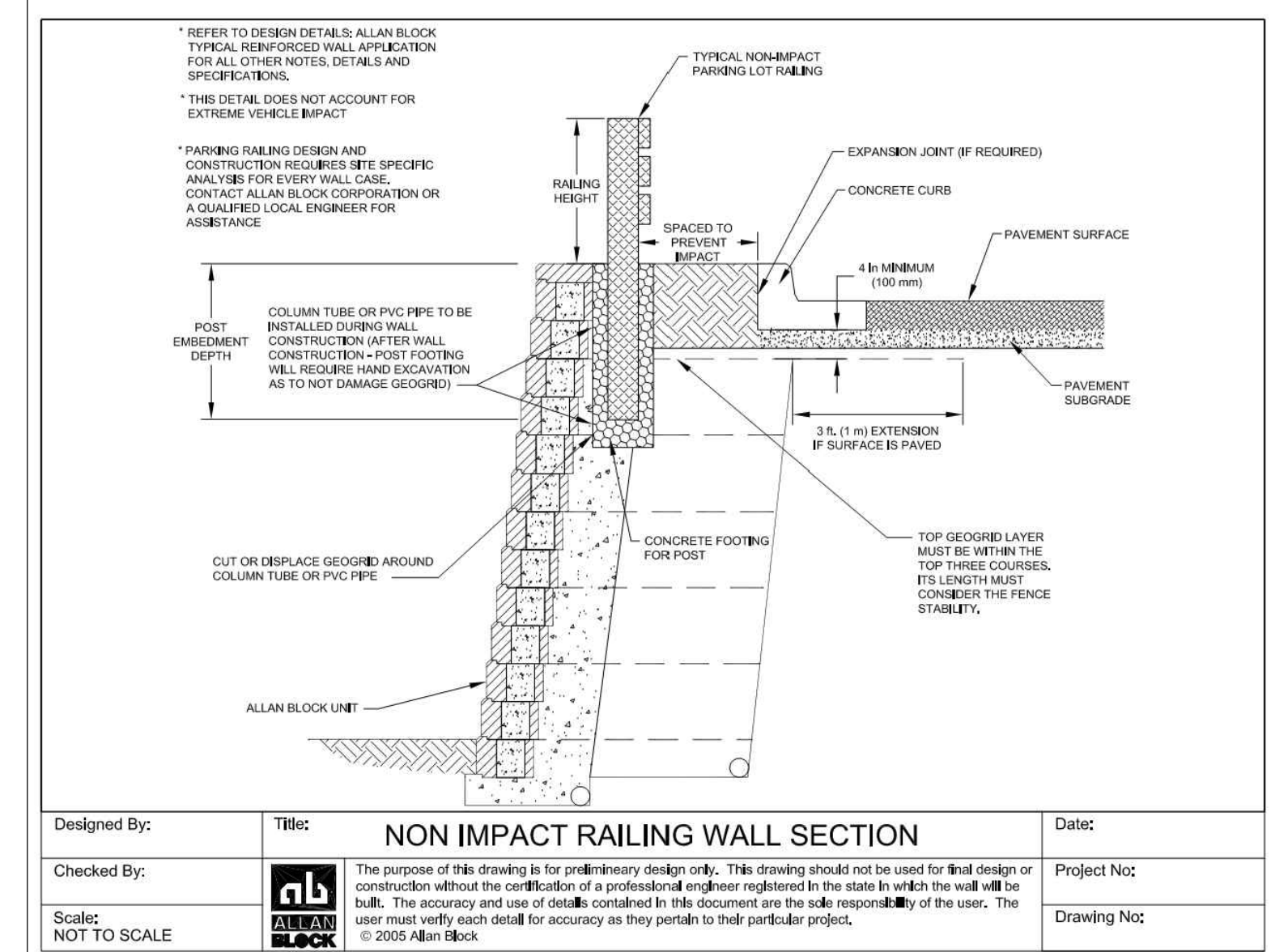
GEOGRID SG 150 BY STRATA SYSTEMS.
 EXPOSED WALL HEIGHT 7'-4".
 GEOGRID LENGTH: L=7'-0" FOR 1ST 2 LAYERS FROM TOP OF WALL.
 GEOGRID LAYER SPACING FROM TOP OF WALL: 8", BALANCE AT 16".



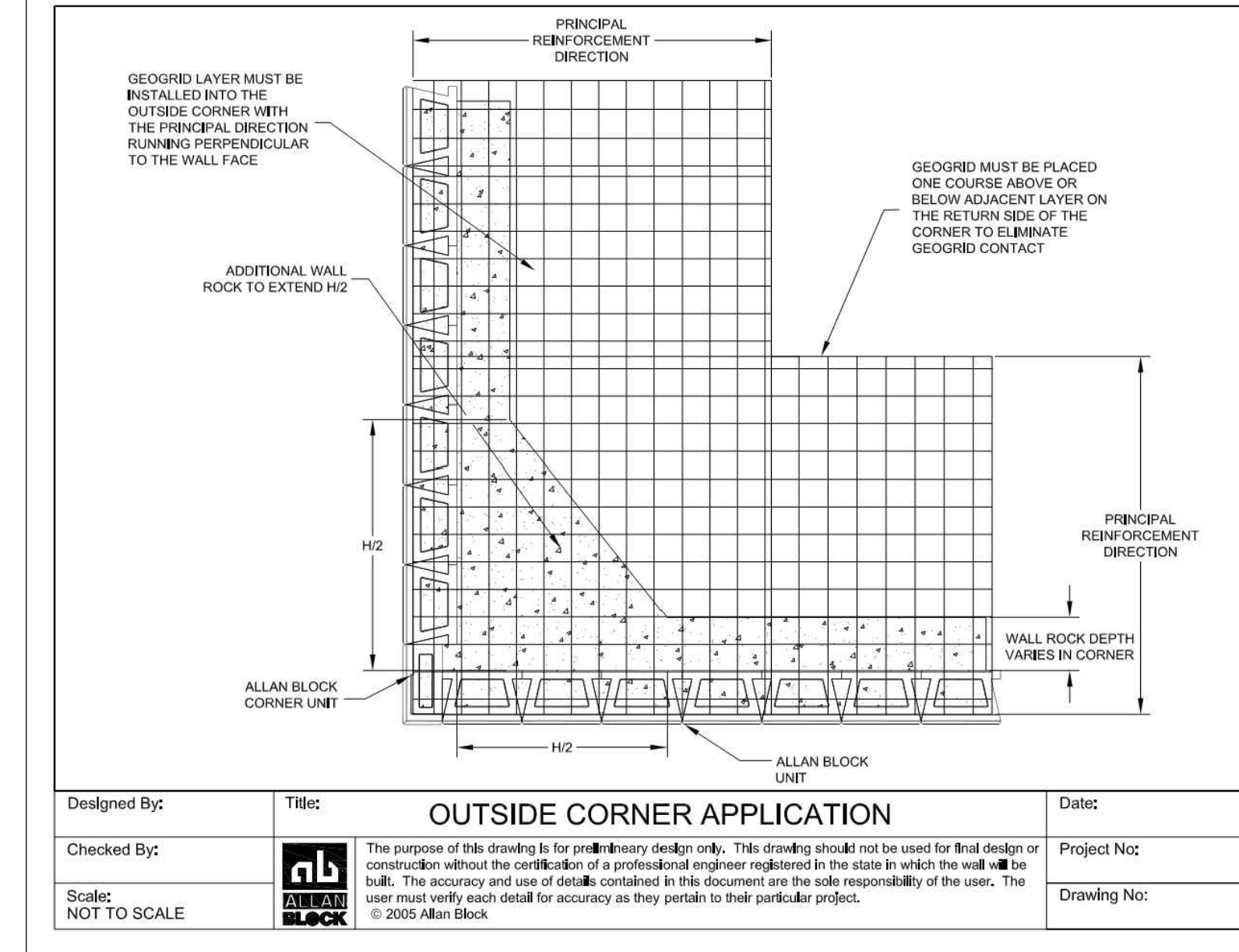
- RETAINING WALL NOTES:**
- DESIGN LOADS: VERTICAL SURCHARGE LOAD ON WALL (Q)=250 PSF.
 - EXISTING FILL, SOFT UNSUITABLE SOILS OR EXPANSIVE CLAY ENCOUNTERED AT FOUNDATION BEARING SHALL BE REMOVED TO A DEPTH OF AT LEAST 2 FEET BELOW THE FOUNDATION BEARING ELEVATION OR TO SUITABLE NATIVE SOILS, WHICHEVER IS SHALLOWEST, AND REPLACED WITH PROPERLY COMPACTED 1 INCH MINUS GRADATION CRUSHED LIMESTONE REINFORCED WITH GEOGRID AS DETERMINED BY GEOTECHNICAL ENGINEER.
 - PROVIDE PROPERLY COMPACTED GRANULAR FILL CONSISTING OF 1-INCH MINUS CRUSHED LIMESTONE ($\phi > 3/4$) AND PER GEOTECHNICAL ENGINEER'S RECOMMENDATIONS AT "INFILL SOIL" ZONE BEHIND RETAINING WALL.
 - RETAINING WALL FOUNDATIONS SHALL BEAR ON PROPERLY COMPACTED ENGINEERED FILL HAVING A BEARING CAPACITY OF 2,000 PSF AS APPROVED BY GEOTECHNICAL ENGINEER.
 - STRUCTURAL FILL INCLUDING BACKFILL SHALL BE COMPACTED TO AT LEAST 95% OF STANDARD PROCTOR MAXIMUM DRY DENSITY AND PER GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.
 - FOLLOW MANUFACTURER RECOMMENDATIONS FOR WALL FABRIC PENETRATIONS.



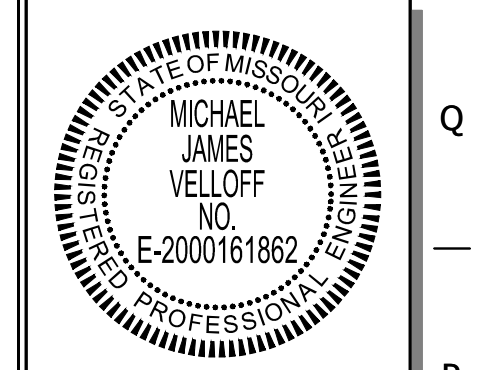
Designed By: Title: **NO WIND FENCE WALL SECTION 2** Date: _____
 Checked By: The purpose of this drawing is for preliminary design only. This drawing should not be used for final design or construction without the certification of a professional engineer registered in the state in which the wall will be built. The accuracy and use of details contained in this document are the sole responsibility of the user. The user must verify each detail for accuracy as they pertain to their particular project. Project No: _____
 Scale: NOT TO SCALE Drawing No: _____



Designed By: Title: **NON IMPACT RAILING WALL SECTION** Date: _____
 Checked By: The purpose of this drawing is for preliminary design only. This drawing should not be used for final design or construction without the certification of a professional engineer registered in the state in which the wall will be built. The accuracy and use of details contained in this document are the sole responsibility of the user. The user must verify each detail for accuracy as they pertain to their particular project. Project No: _____
 Scale: NOT TO SCALE Drawing No: _____

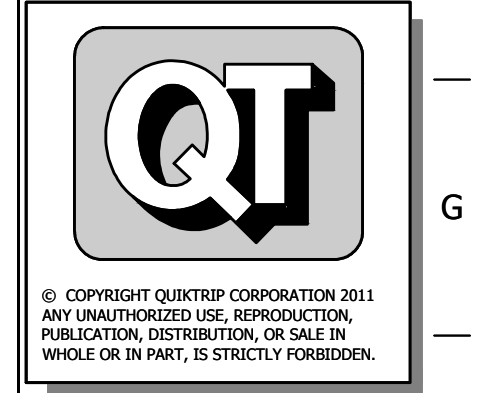


Designed By: Title: **OUTSIDE CORNER APPLICATION** Date: _____
 Checked By: The purpose of this drawing is for preliminary design only. This drawing should not be used for final design or construction without the certification of a professional engineer registered in the state in which the wall will be built. The accuracy and use of details contained in this document are the sole responsibility of the user. The user must verify each detail for accuracy as they pertain to their particular project. Project No: _____
 Scale: NOT TO SCALE Drawing No: _____



PROJECT NO.: 151054
 NAME: MICHAEL J. VELLOFF
 LICENSE NUMBER: E-2000161862
 DISCIPLINE: CIVIL
 CORPORATION AUTHORITY NUMBER: 00194
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QuikTrip No. 0675
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REV	DATE	DESCRIPTION
1	10-20-16	BIDD SET
2	10-15-16	CONSTRUCTION SET

PROTOTYPE: P-87
 DIVISION: 06
 VERSION: 001
 DESIGNED BY: RKF
 DRAWN BY: RKF
 REVIEWED BY: MJV

SHEET TITLE:
RETAINING WALL PROFILES

SHEET NUMBER:
C302

ORIGINAL ISSUE DATE: 04-14-16

FILE LOCATION: \\151054 - QuikTrip #0675 - Highway K and Fallon Parkway\Civil\06-0675 Civil.dwg 9/15/2016 9:22 AM PLOTTED: 9/15/2016 6:53 AM USER: rkyfyr SAVED: 8/31/2016 6:53 AM