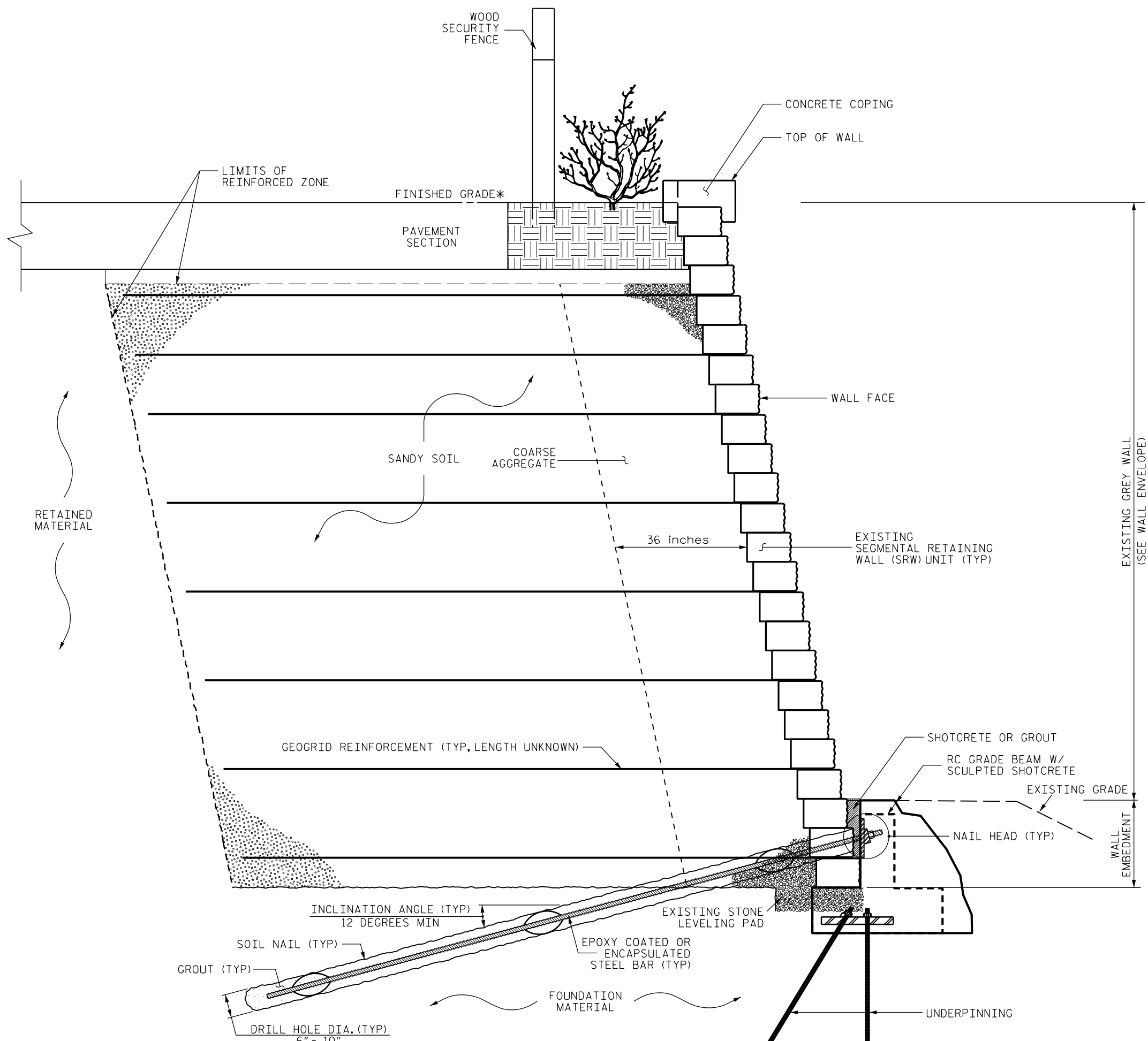


PLOT DRIVER: \$PLTDRV\$
USER: \$USER\$
FILE: \$FWARVAULTPATHDESC\$

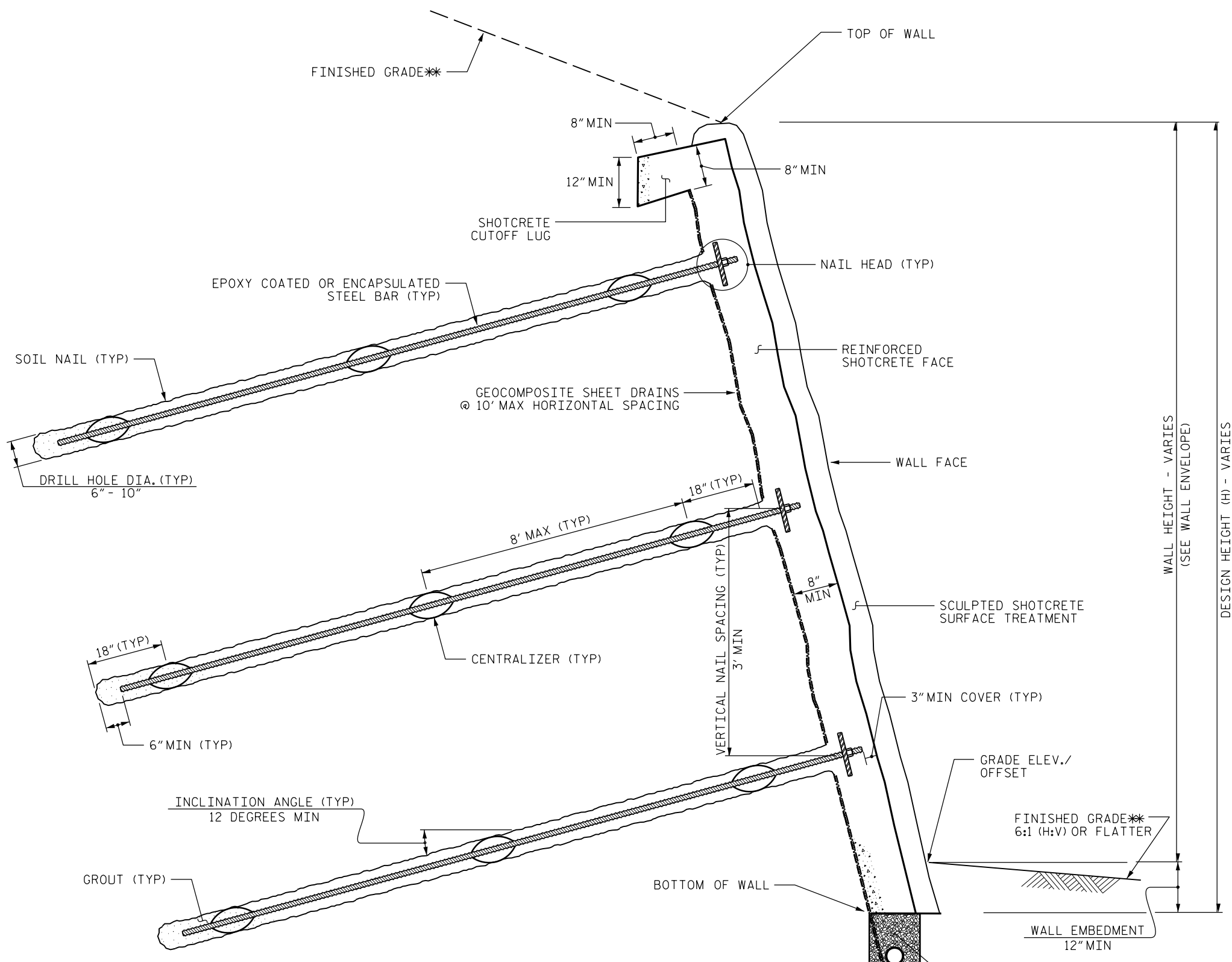
PENTABLE: \$PENTBL\$
TIME: \$TIME\$

DATE: \$DATE\$

REVISIONS

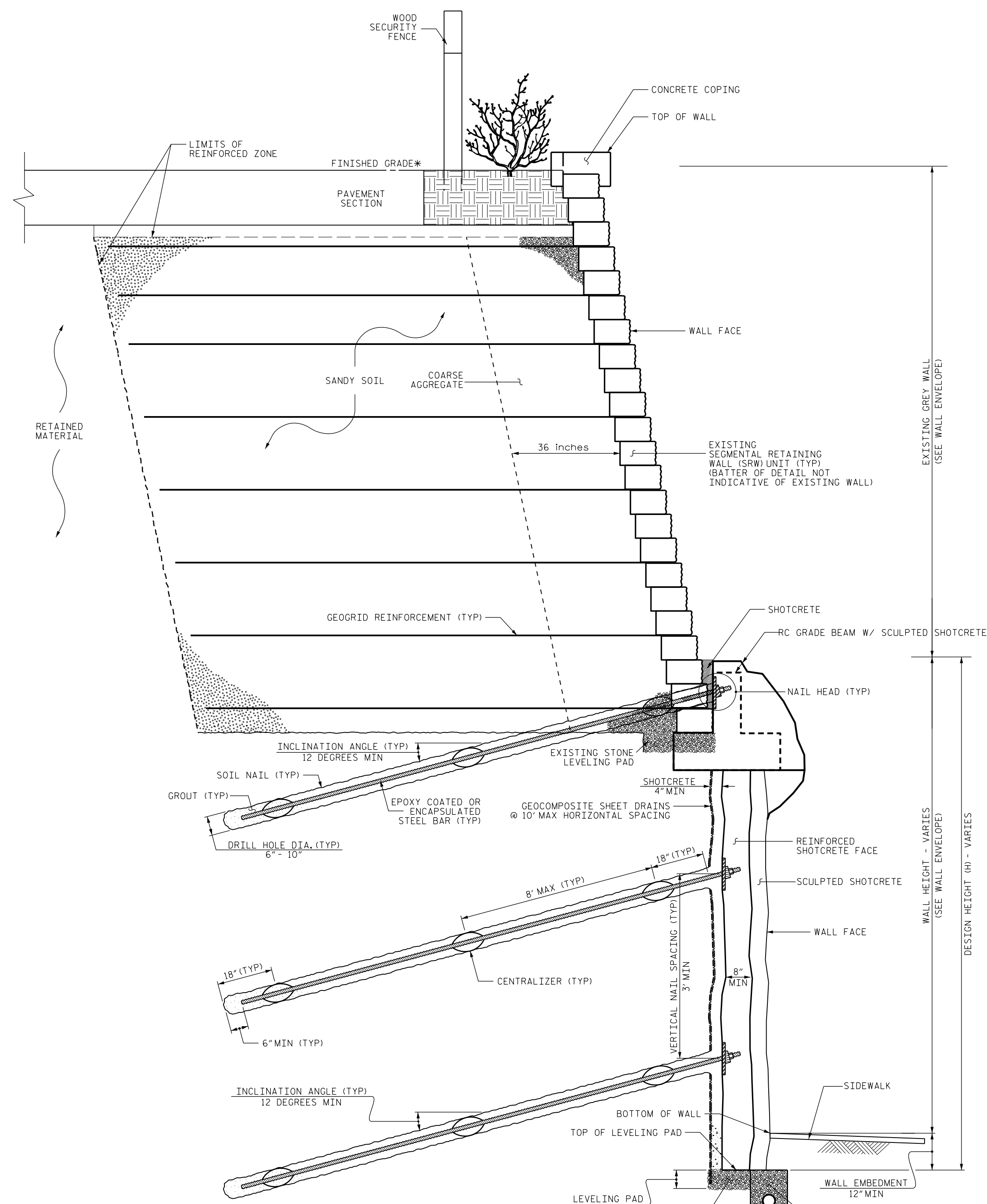


EXISTING SRW UNDERPINNING - TYPICAL SECTION



SOIL NAIL WALL OUTSIDE OF EXISTING SRW - TYPICAL SECTION

*SEE PLANS FOR FINISHED GRADE DETAILS.



SOIL NAIL WALL UNDERNEATH EXISTING SRW - TYPICAL SECTION

NOTES:

FOR SOIL NAIL RETAINING WALLS, SEE SOIL NAIL RETAINING WALLS PROVISION.

FOR UNDERPINNING, SEE UNDERPINNING PROVISION.

FOR SCULPTED SHOTCRETE SURFACE TREATMENT, SEE SCULPTED SHOTCRETE SURFACE TREATMENT PROVISION.

CONSTRUCT A SCULPTED SHOTCRETE SURFACE TREATMENT WITH A MINIMUM THICKNESS OF 4 INCHES. CARVE THE SCULPTED SHOTCRETE SURFACE TREATMENT BETWEEN 2 AND 3 INCHES DEEP AND VARYING WIDTHS TO MIMIC ROCK JOINTS.

STAIN THE SHOTCRETE SURFACE WITH 'DARK GULL GRAY' CONCRETE STAIN TO MATCH AMS-STD #36176 AS THE BASE STAIN, USE A DARK GRAY CONCRETE STAIN TO MATCH AMS-STD #36134 AND LIGHT GRAY GREEN CONCRETE STAIN TO MATCH AMS-STD #34432 AS ACCENT COLORS.

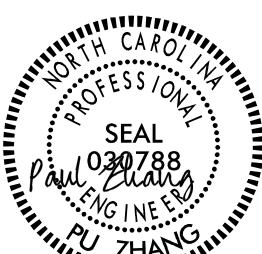
SOIL NAIL WALL SECTIONS OUTSIDE THE LIMIT OF EXISTING MODULAR BLOCK WALL SHALL BE BATTERED.

THE PRESENCE OF SANDY SOIL BACKFILL AND DRAINAGE AGGREGATE AS INDICATED IN THE EXISTING WALL DETAILS WAS DETERMINED BY HAND AUGERING JUST IN FRONT OF THE WALL AT STA. 11+00, STA. 12+00, AND STA. 13+00. THIS INFORMATION DOES NOT EXPRESS OR IMPLY THAT THOSE CONDITIONS EXIST THROUGHOUT THE EXISTING SEGMENTAL WALL LEVELING PAD.

THE DIMENSIONS OF THE STONE LEVELING PAD AS INDICATED IN THE EXISTING WALL DETAILS WAS DETERMINED BY HAND AUGERING JUST IN FRONT OF THE WALL AT STA. 11+00, STA. 12+00, AND STA. 13+00. THIS INFORMATION DOES NOT EXPRESS OR IMPLY THAT THOSE CONDITIONS EXIST THROUGHOUT THE EXISTING SEGMENTAL WALL LEVELING PAD.

THE SCULPTED SHOTCRETE AT THE TOP OF THE WALL IS MEANT TO MIMIC A BOULDER AND HIDE THE UNDERPINNING WORK. THE SHOTCRETE MAY PROTRUDE BEYOND THE FACE OF THE SOIL NAIL WALL BY UP TO 18", BUT MUST BE BACK TO THE WALL FACE OFFSET WITHIN 8 FEET OF SIDEWALK GRADE.

GEOTECHNICAL ENGINEER



10/10/2025

SIGNATURE

ENGINEER

SIGNATURE

DATE

PROJECT NO.: R-5600

JACKSON COUNTY COUNTY

STATION: 100+00 - 102+00 -L-

SHEET 1 OF 1

EXISTING SRW UNDERPINNING

REVISIONS

HDR HDR Engineering, Inc. of the Carolinas
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N.C.B.E.L.S. License Number: F-0116

PREPARED BY: P. ZHANG
REVIEWED BY: A. VARRI

DATE: 04/24/25
DATE: 04/24/25

NO.	BY	DATE	NO.	BY	DATE
1	-	-	3	-	-
2	-	-	4	-	-

SHEET NO.
2G-1
TOTAL SHEETS
2