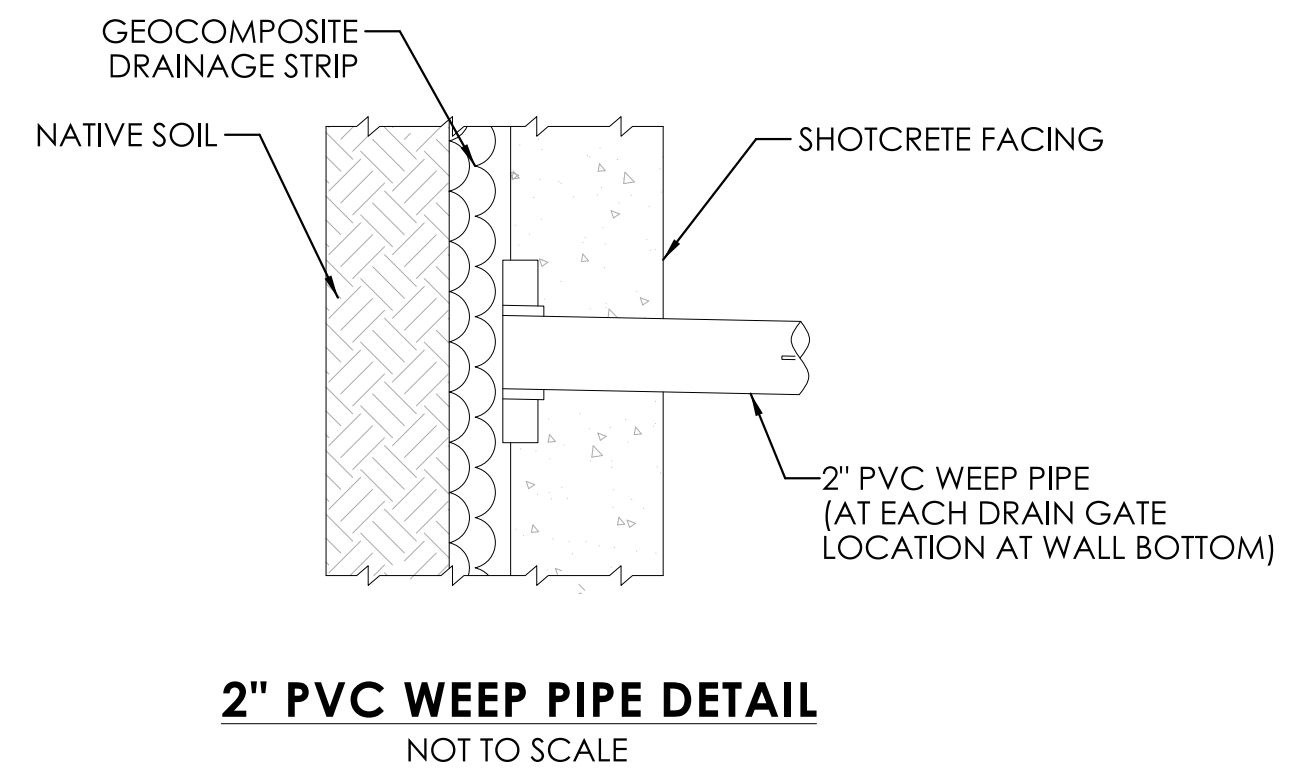
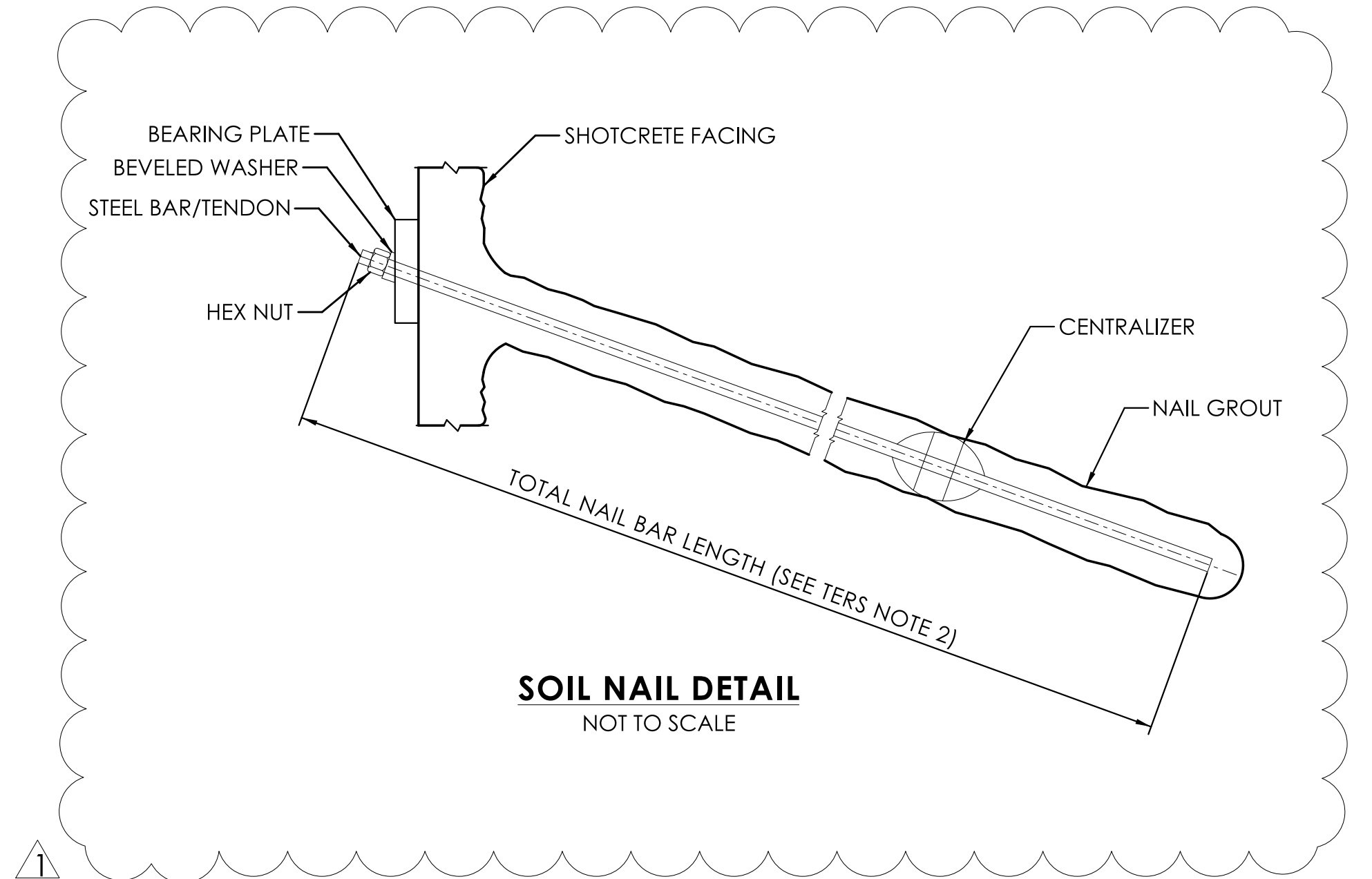


TEMPORARY EARTH RETAINING SYSTEM TYPICAL SECTION
SCALE: 1/4" = 1'-0"

TEMPORARY EARTH RETAINING SYSTEM (TERS) NOTES:

1. A SOIL NAIL WALL (SNW) IS RECOMMENDED TO BE USED FOR THE TERS BEHIND THE PROPOSED WALL. THE CONTRACTOR MAY PROPOSE AN ALTERNATE TERS TYPE IN ACCORDANCE WITH FHWA/CTDOT GUIDELINES.
2. THE CONTRACTOR SHALL DESIGN AND SUBMIT TO THE ENGINEER FOR APPROVAL OF THE SNW DRILLING METHOD, GROUTING METHOD, FINAL SOIL NAIL LENGTH, SOIL NAIL DIAMETER, AND STRENGTH/SIZE OF THE STRESSING TENDON/BAR. THE MAXIMUM SOIL NAIL LENGTH SHALL NOT EXCEED PROJECT EASEMENT LIMITS.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING STABLE DRILL HOLES OF APPROVED DIAMETER WITHOUT HOLE CAVING BEFORE OR DURING NAIL INSTALLATION AND GROUTING.
4. THE NAIL LAYOUT SHALL BE DETERMINED BY THE CONTRACTOR, BUT SHALL BE UNIFORMLY SPACED TO THE EXTENT POSSIBLE. SOIL NAILS OR TIE BACKS SHALL BE DESIGNED TO STAY WITHIN THE CONSTRUCTION EASEMENTS SHOWN ON THE PLANS.
5. TERS DESIGN SHALL INCLUDE A MEANS FOR RELIEVING HYDROSTATIC PRESSURE IN THE BACKFILL. TYPE, SIZE, AND SPACING SHALL BE INCLUDED IN THE DESIGN FOR THE TERS.
6. THE TEMPORARY EARTH RETAINING SYSTEM SHALL BE REMOVED TO A DEPTH OF AT LEAST 5-FEET BELOW FINISHED GRADE. THE REMAINING SYSTEM IS TO BE ABANDONED IN PLACE.
7. WHERE SOIL NAILS ARE ENCOUNTERED WITHIN THE UPPER 5 FEET OF THE WALL TO BE REMOVED, THE CONTRACTOR SHALL RELEASE THE TENSION ON THE SOIL NAIL PRIOR TO DEMOLISHING THE FACING. THE SOIL NAIL MAY THEN BE ABANDONED IN PLACE.
8. THE TEMPORARY EARTH RETAINING SYSTEM AT THE TOE OF THE WALL SHALL BE REMOVED IN ITS ENTIRETY UPON COMPLETION OF THE WALL.
9. THE COST TO DESIGN AND CONSTRUCT THE TEMPORARY EARTH RETAINING SYSTEM SHALL BE INCLUDED IN THE LUMP SUM COST OF THE ITEM "RETAINING WALL (SITE NO. 1)".
10. THE COST TO PARTIALLY DEMOLISH AND ABANDON IN PLACE THE TERS BEHIND THE PROPOSED WALL AND THE COST TO REMOVE THE TERS AT THE TOE OF THE PROPOSED WALL SHALL BE INCLUDED IN THE LUMP SUM COST OF THE ITEM "RETAINING WALL (SITE NO. 1)".
11. THE TERS BEHIND THE PROPOSED WALL SHALL BE SUBJECT TO "BUY AMERICA" REQUIREMENTS AS IT IS TO BE ABANDONED IN PLACE.



ADDENDUM NO. 1

DESIGNED BY:
SLR INTERNATIONAL CORP.



SIGNATURE BLOCK:
SLR
DESIGNER/DRAFTER: L. BUCHELI
99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM



**CONNECTICUT
DEPARTMENT OF
TRANSPORTATION**

PROJECT TITLE:
REPLACEMENT OF RETAINING WALL ALONG ROUTE 44

TOWN(S):
PUTNAM

DRAWING TITLE:
**RETAINING WALL 101 -
TERS DETAILS**

PROJECT NO.:
0115-0122

DRAWING NO.:
STR-09
SHEET NO.:
04.10.A01