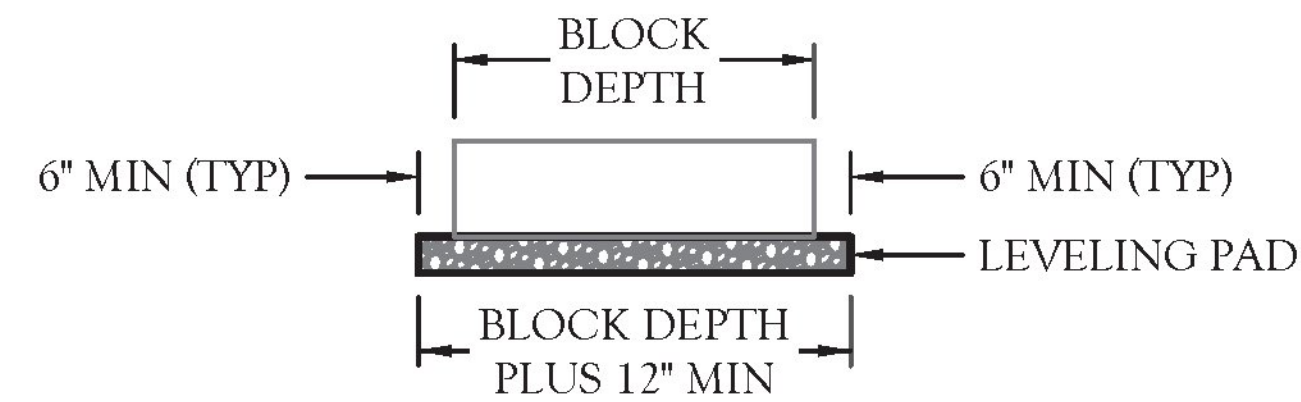
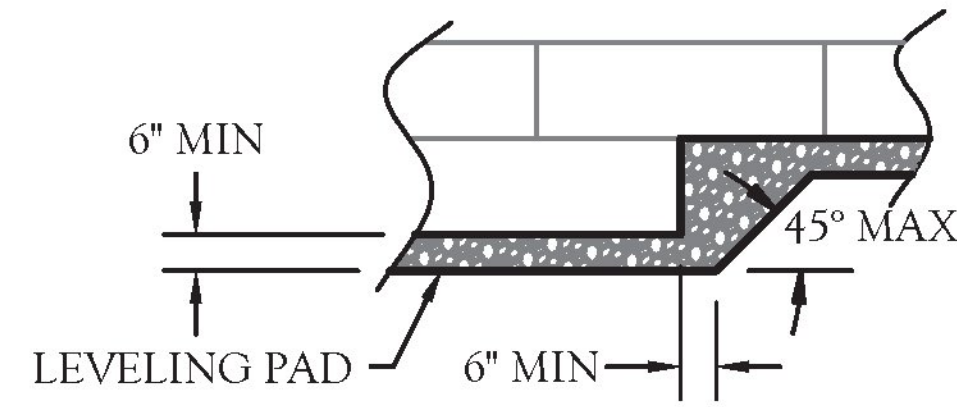


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NOTES:

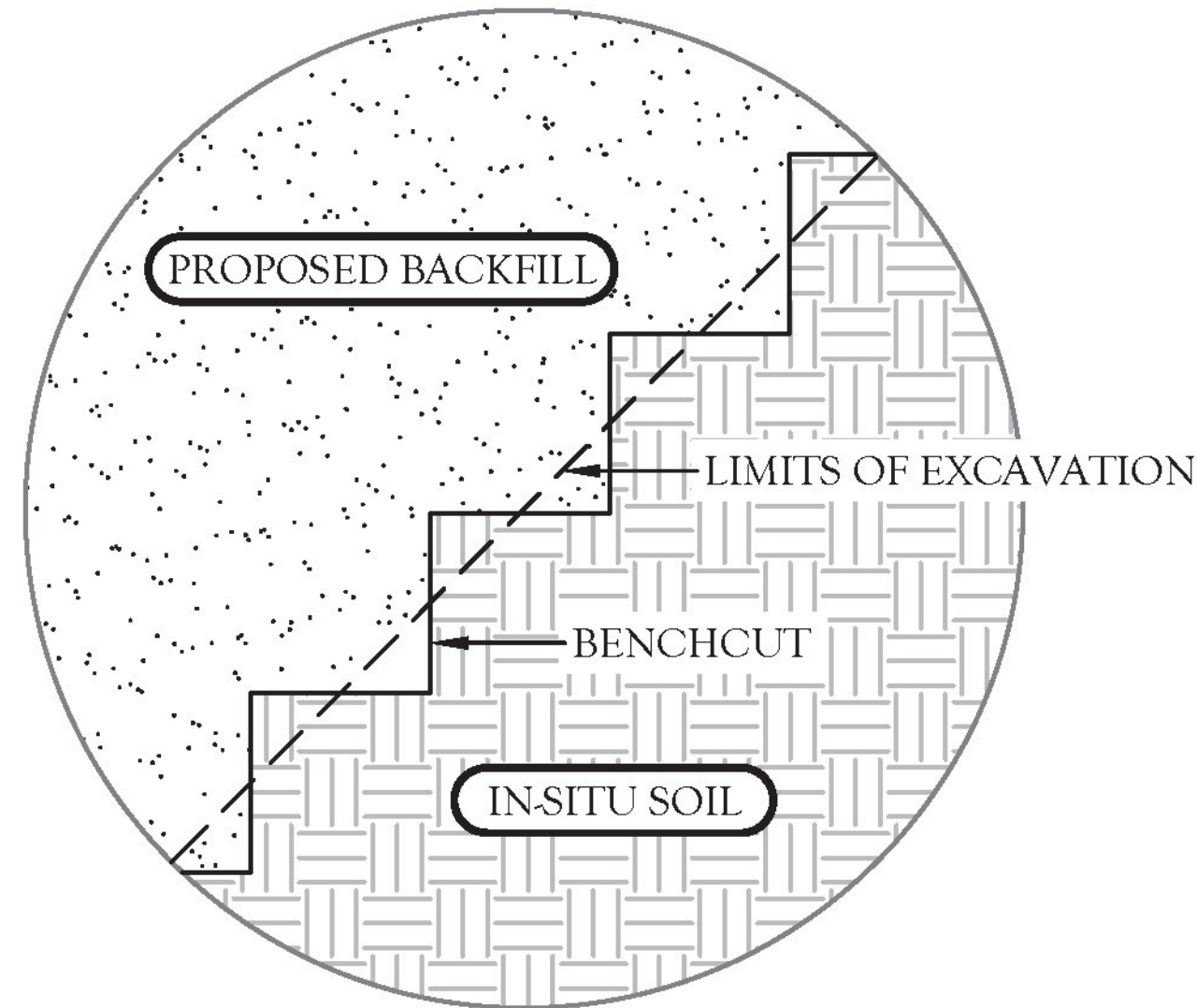
1. THE LEVELING PAD SHALL BE CONSTRUCTED OF CRUSHED STONE OR UNREINFORCED CLASS D CONCRETE (2,500).
2. THE CONTRACTOR SHALL HAVE A QUALIFIED GEOTECHNICAL ENGINEER VERIFY THE FOUNDATION SOILS TO ENSURE THAT IT MEETS OR EXCEEDS THE MINIMUM BEARING CAPACITY REQUIREMENTS.
3. THE BASE FOUNDATION SHALL BE APPROVED PRIOR TO PLACEMENT OF THE LEVELING PAD.



1 LEVELING PAD
4.00 SCALE: N.T.S.

NOTES:

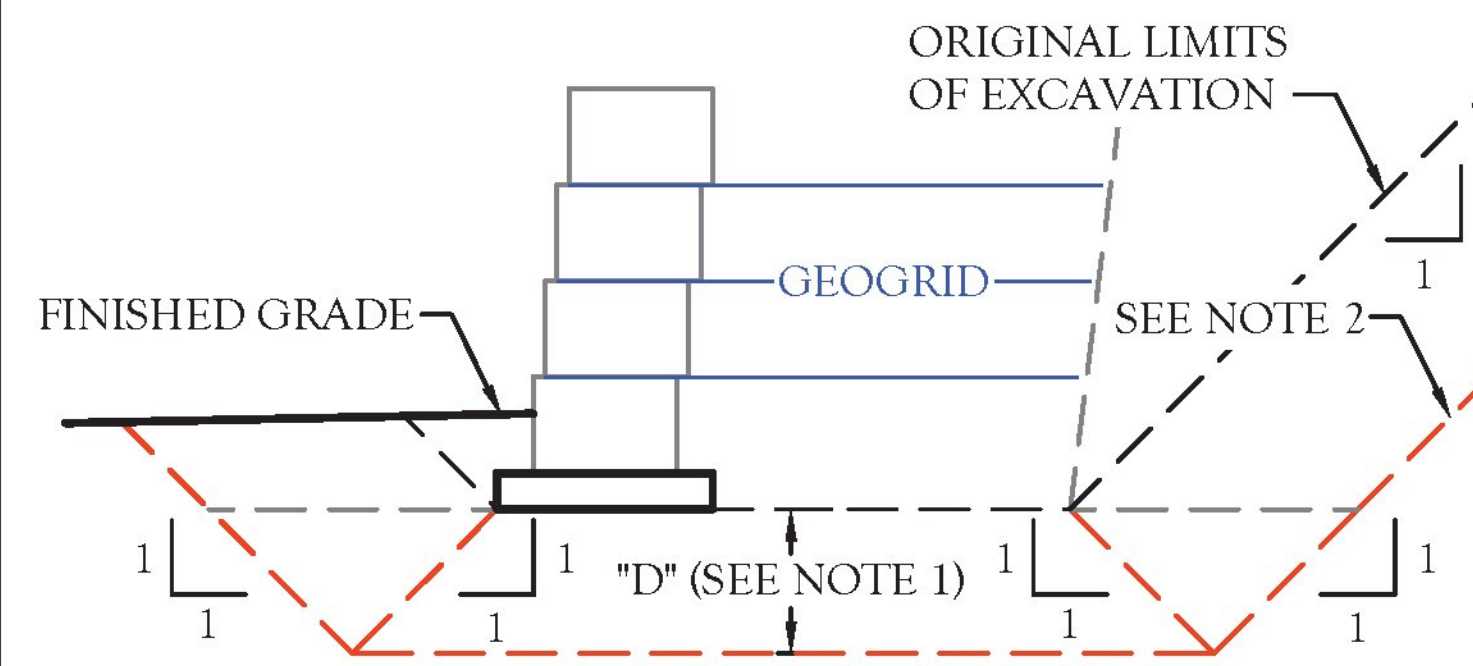
1. DURING WALL EXCAVATION, BENCHCUT LIMITS OF EXCAVATION, WHEN ONSITE SOILS ALLOW, TO INCREASE BOND BETWEEN THE IN-SITU SOILS AND NEW BACKFILL.
2. BENCHCUT USING MINIMUM 24-INCH HORIZONTAL BENCHES (TYPICAL).



2 TYPICAL BENCHCUT DETAIL
4.00 SCALE: N.T.S.

NOTES:

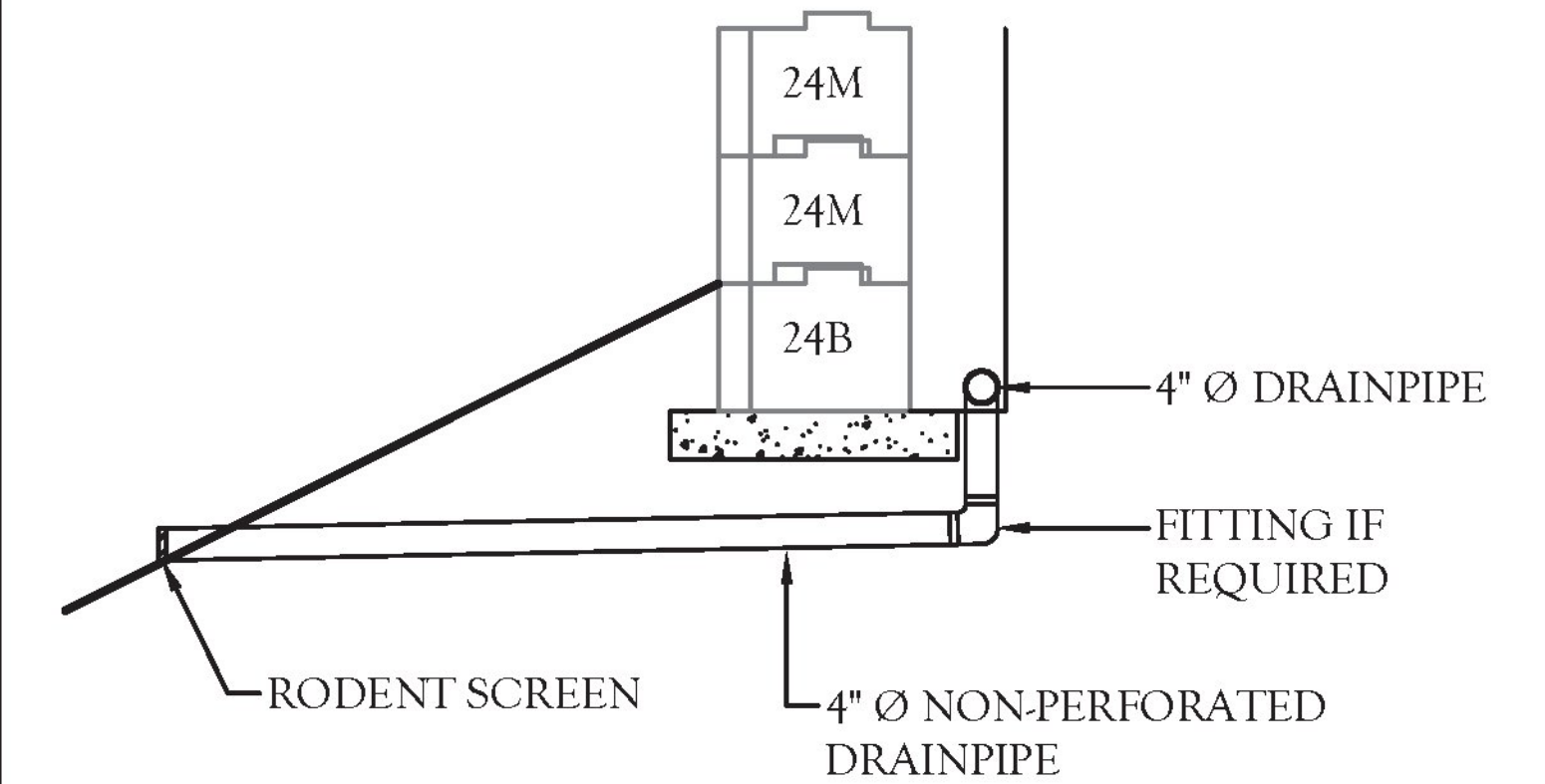
1. UPON EXCAVATION, WHERE UNSUITABLE SOILS ARE FOUND, SUBCUT TO DEPTH "D" AS REQUIRED BY THE ONSITE GEOTECHNICAL ENGINEER AND REPLACE WITH SUITABLE COMPACTED STRUCTURAL FILL TO ACHIEVE THE REQUIRED BEARING CAPACITY.
2. APPROXIMATE LIMITS OF EXCAVATION VARIES WHERE SUBCUT IS REQUIRED. ACTUAL LIMITS AND SIDE SLOPES SHALL BE DETERMINED BY OSHA REGULATIONS AND MATCH FIELD CONDITIONS AS DETERMINED BY THE CONTRACTOR.



3 TYPICAL SUBCUT DETAIL
4.00 SCALE: N.T.S.

NOTES:

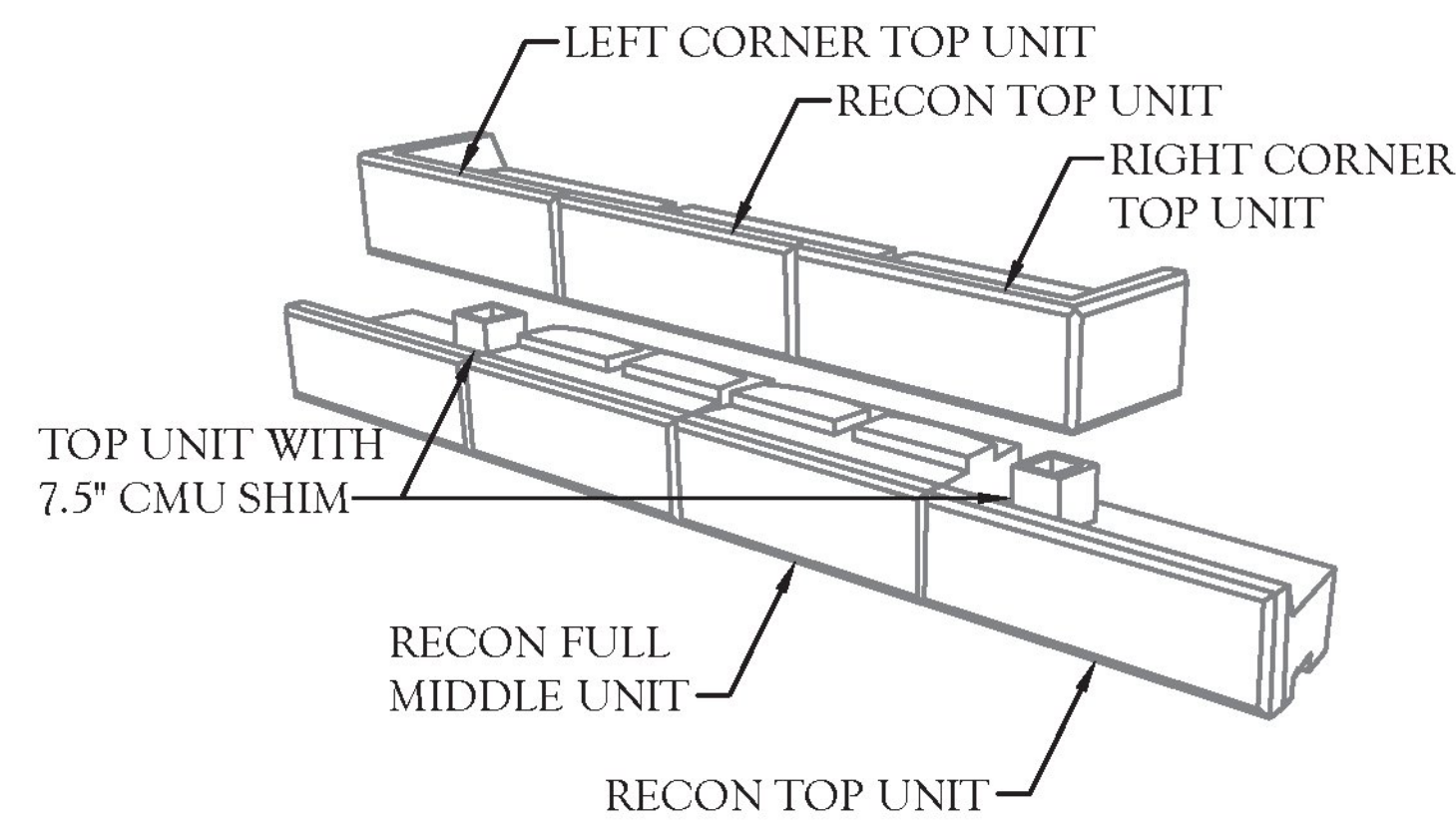
1. 4" DIAMETER CORRUGATED PERFORATED PLASTIC DRAINPIPE WRAPPED WITH A GEOTEXTILE FABRIC.
2. OUTLET BELOW RETAINING WALL AND DAYLIGHT ON SLOPE. ADD SCOUR PROTECTION AS REQUIRED.
3. INSTALL DRAINPIPE WITH POSITIVE DRAINAGE.
4. PROVIDE RODENT SCREEN AND NON-PERFORATED PLASTIC PIPE FOR OUTLET THROUGH THE WALL.



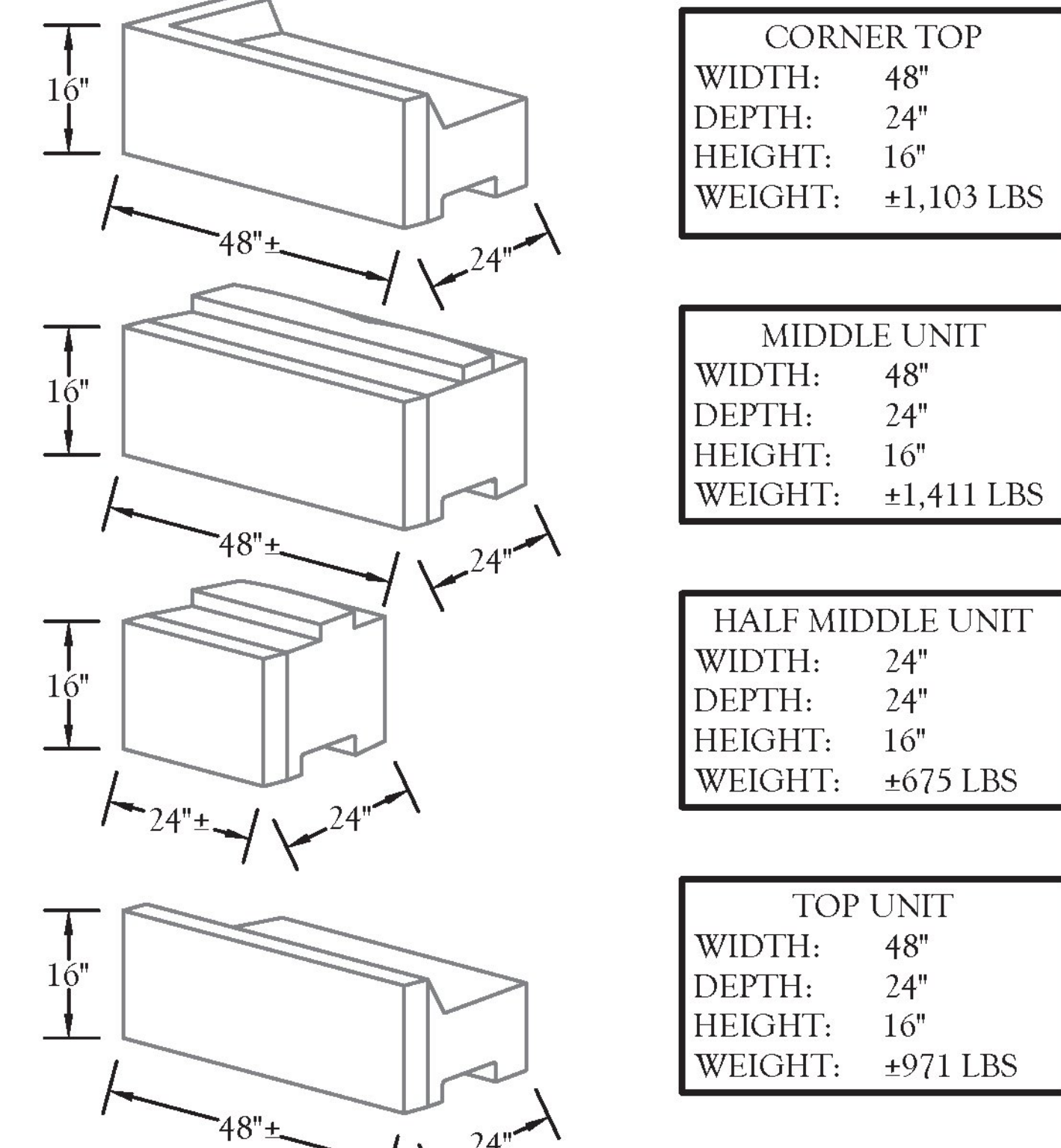
4 TYPICAL 4" DRAINPIPE OUTLET
4.00 SCALE: N.T.S.

NOTES:

1. IT WILL BE NECESSARY FOR BLOCK STABILITY TO ADD A CONCRETE SHIM BENEATH THE PORTION OF THE TOP CORNER UNIT THAT BEARS ON PART OF ANOTHER UNIT LOCATED BELOW.
2. THE SHIM IS TYPICALLY A STANDARD CONCRETE MASONRY UNIT (CMU). USING ADHESIVE ON THE SHIM WILL RESIST MOVEMENT DURING CONSTRUCTION.



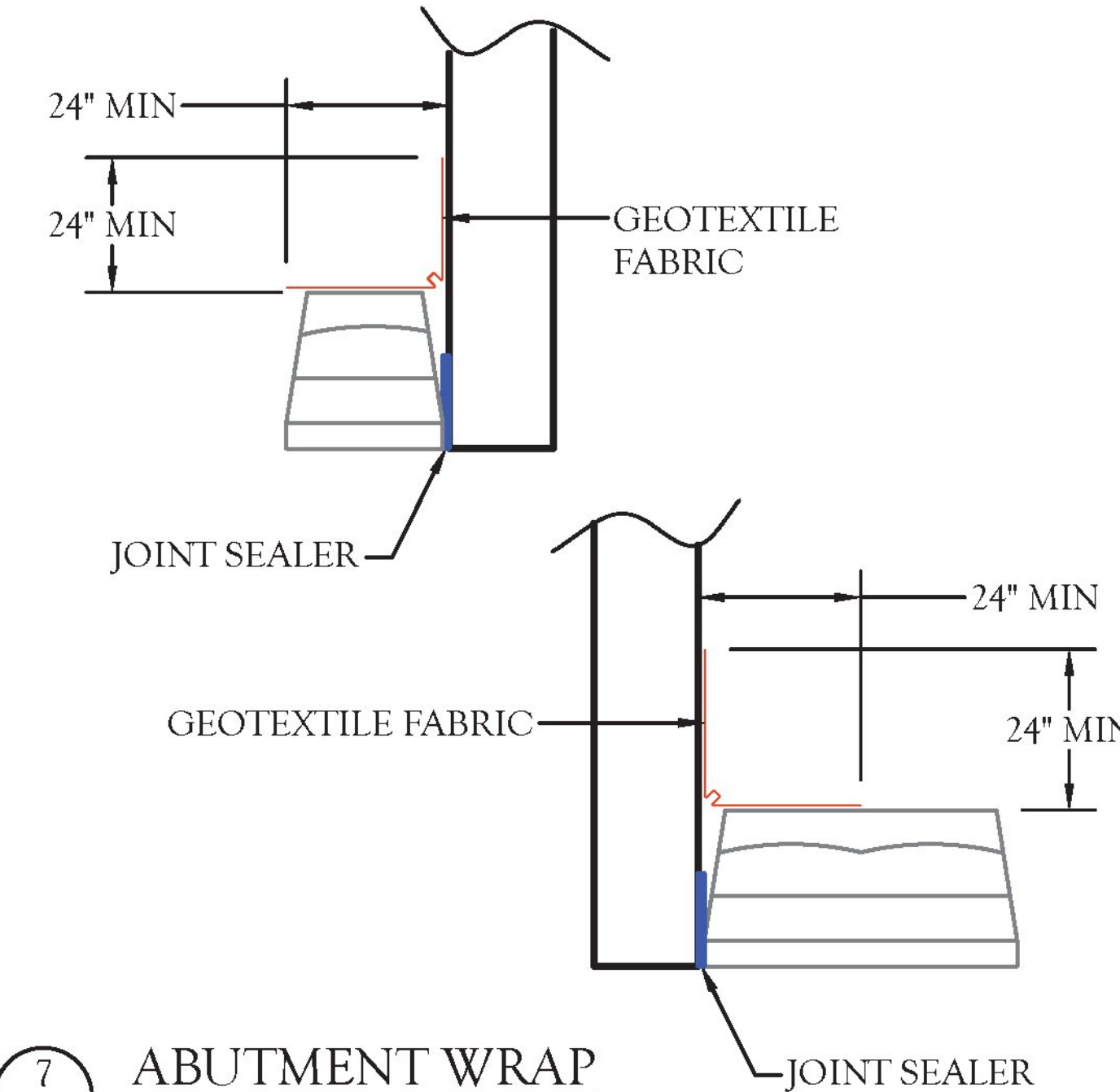
5 STANDARD TOP OF WALL STEP
4.00 SCALE: N.T.S.



6 RECON UNITS
4.00 SCALE: N.T.S.

NOTES:

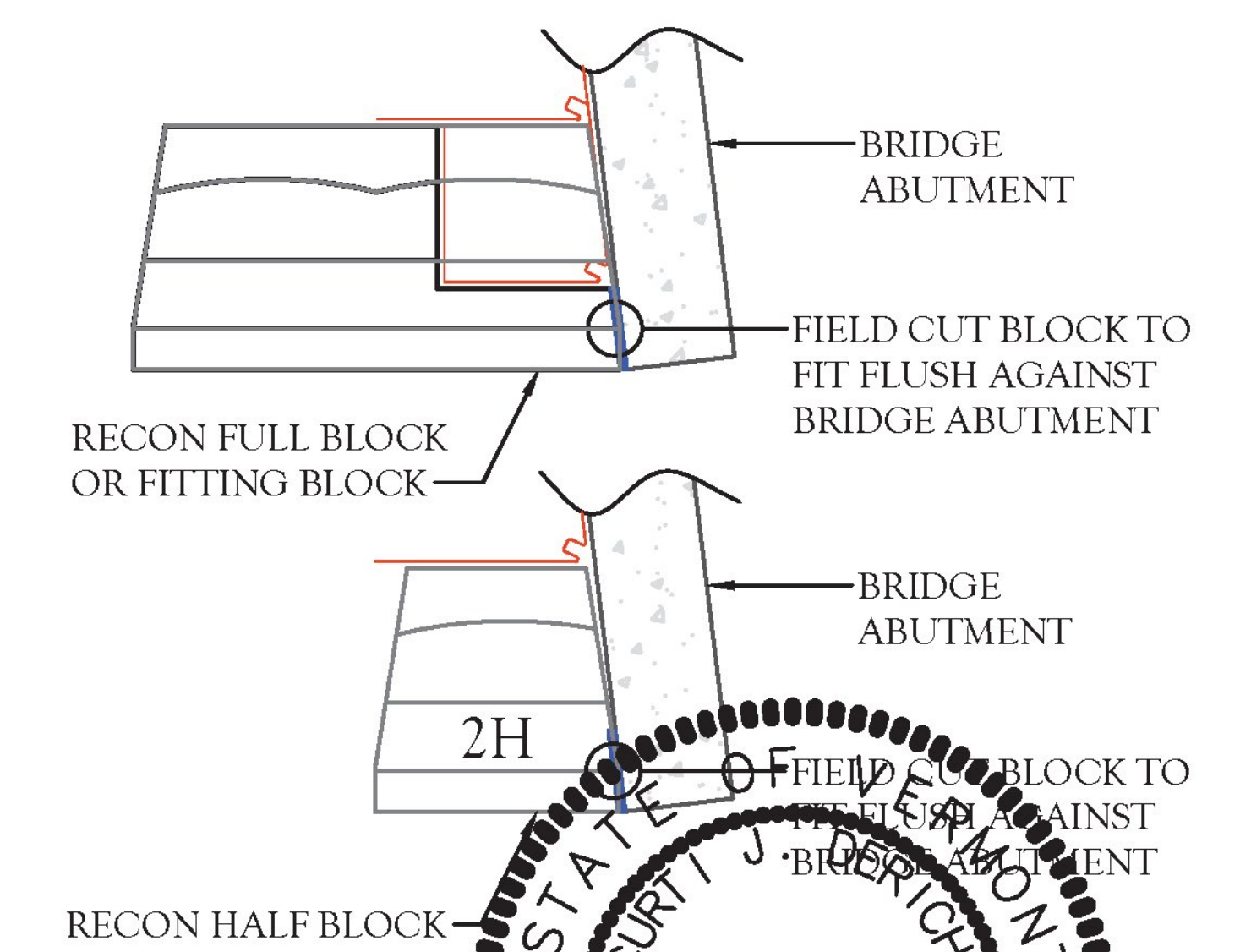
1. A GEOTEXTILE FABRIC SHALL BE PLACED WHERE THE RETAINING WALLS ABUT TO EXISTING FOUNDATIONS AS SHOWN ON THE RETAINING WALL SITE PLAN. OVERLAP ALL ABUTMENT JOINTS 24" WITH A MINIMUM 48" WIDE FABRIC.



7 ABUTMENT WRAP
4.00 SCALE: N.T.S.

NOTES:

1. IF BLOCKS REQUIRE FIELD CUTTING: USING A CONCRETE SAW, FIELD CUT BLOCKS AT ABUTMENT AS REQUIRED FOR A FLUSH FIT AGAINST BRIDGE ABUTMENT.
2. RECON FITTING BLOCKS MAY BE USED FOR EASE OF CONSTRUCTION.



8 ACUTE ANGLE ABUTMENT
4.00 SCALE: N.T.S.

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No.	Date	Revision	By
1	03.05.2019	REVIEW COMMENTS	TPH
2	03.11.2019	REVIEW COMMENTS	TPH
3			
4			
5			
6			

Designed By: TPH
Scale: AS NOTED
Date: JAN 17, 2019

Project: POULTNEY BRIDGE REPLACEMENT
POULTNEY, VERMONT

Title: TYPICAL DETAILS

Registration No: 74668
Project No: 18-0989
Sheet No: 4.00

Date: 3/1/19

CURT J. DERICHS, P.E.