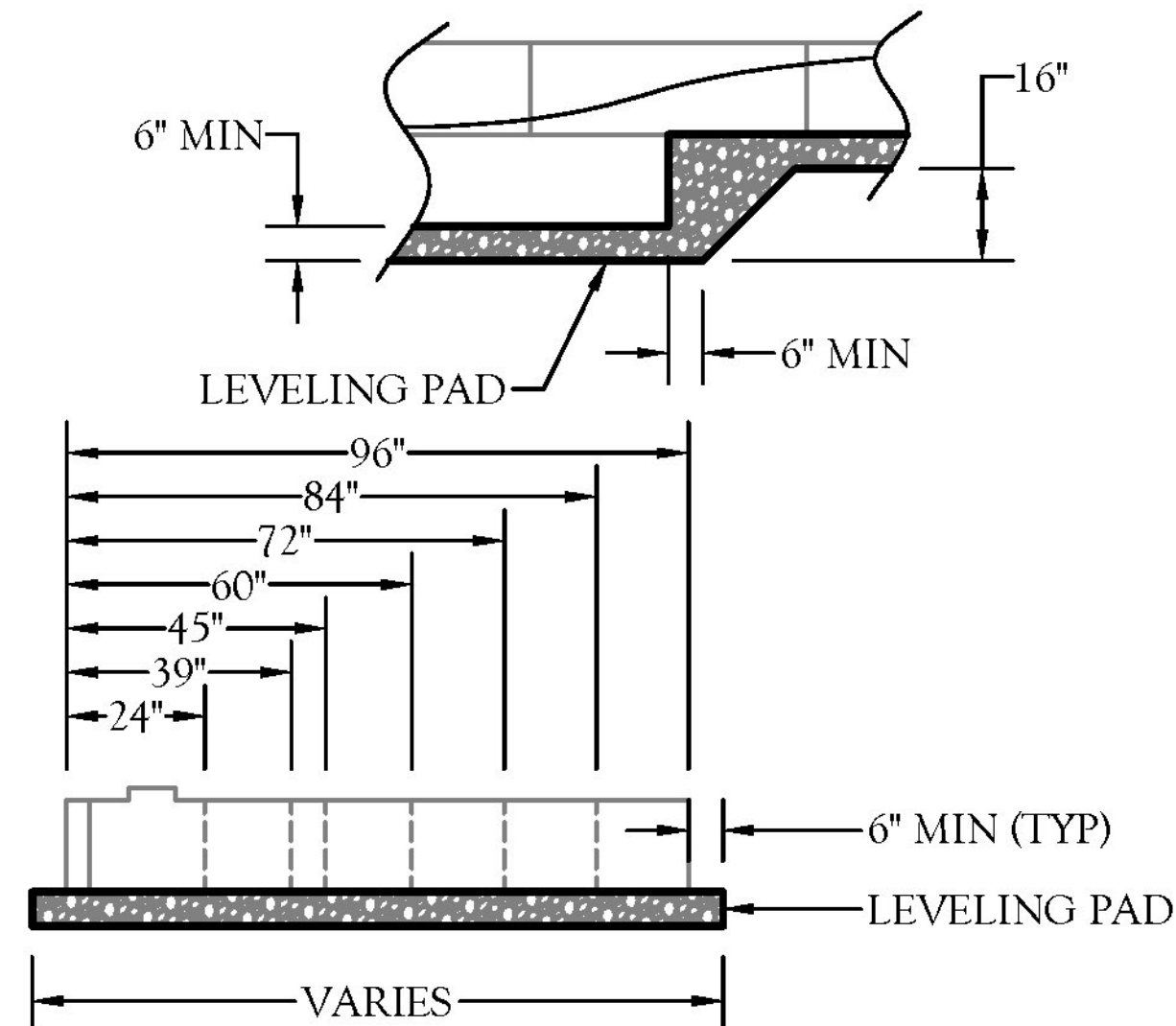


15-0789 2/2/2016 COPYRIGHT © 2011 - 2015 BY CIVIL DESIGN PROFESSIONALS. THIS DRAWING IS BEING FURNISHED FOR THIS SPECIFIC PROJECT ONLY. COPY AND/OR REUSE WITHOUT THE CONSENT OF CIVIL DESIGN PROFESSIONALS IS PROHIBITED.

**NOTES:**

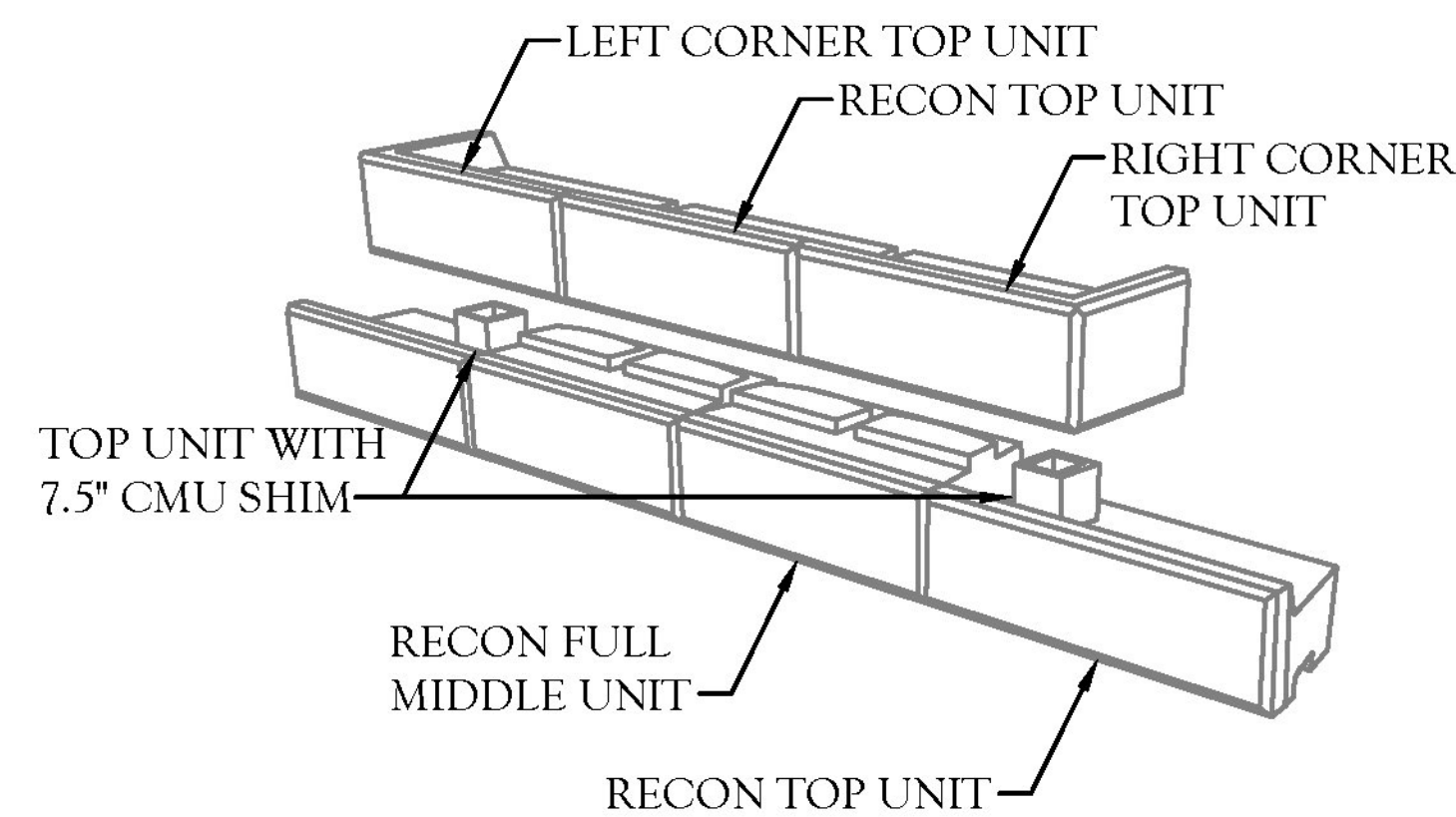
1. THE LEVELING PAD SHALL BE CONSTRUCTED OF CRUSHED STONE OR 2,000 PSI± UNREINFORCED CONCRETE.
2. THE CONTRACTOR SHALL HAVE A QUALIFIED GEOTECHNICAL ENGINEER VERIFY THE FOUNDATION SOILS TO ENSURE THAT IT MEETS OR EXCEEDS THE MINIMUM BEARING CAPACITY REQUIREMENTS.
3. THE BASE FOUNDATION SHALL BE APPROVED PRIOR TO PLACEMENT OF THE LEVELING PAD.



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

**NOTES:**

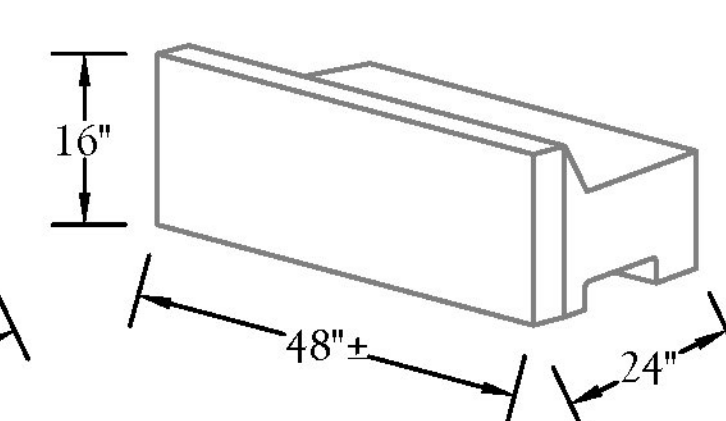
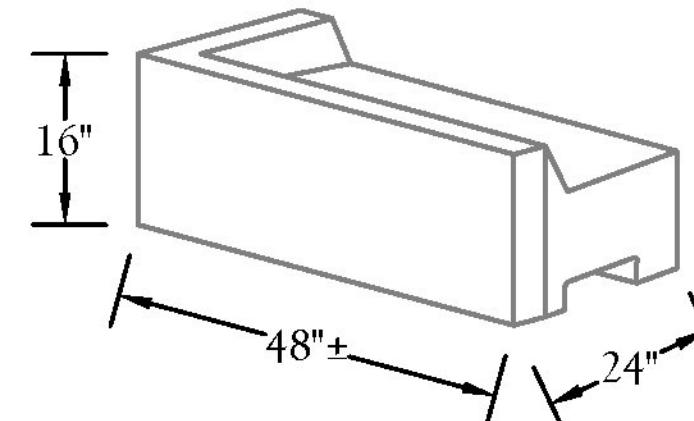
1. IT WILL BE NECESSARY FOR BLOCK STABILITY TO ADD A CONCRETE SHIM BENEATH THE PORTION OF THE TOP CORNER UNIT THAT BEARS ON PART OF ANOTHER UNIT LOCATED BELOW.
2. THE SHIM IS TYPICALLY A STANDARD CONCRETE MASONRY UNIT (CMU). USING ADHESIVE ON THE SHIM WILL RESIST MOVEMENT DURING CONSTRUCTION.



**2** STANDARD TOP OF WALL STEP  
SCALE: N.T.S.

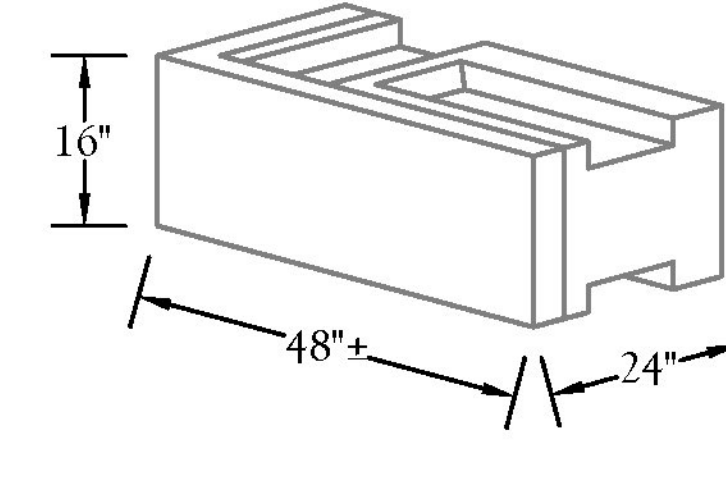
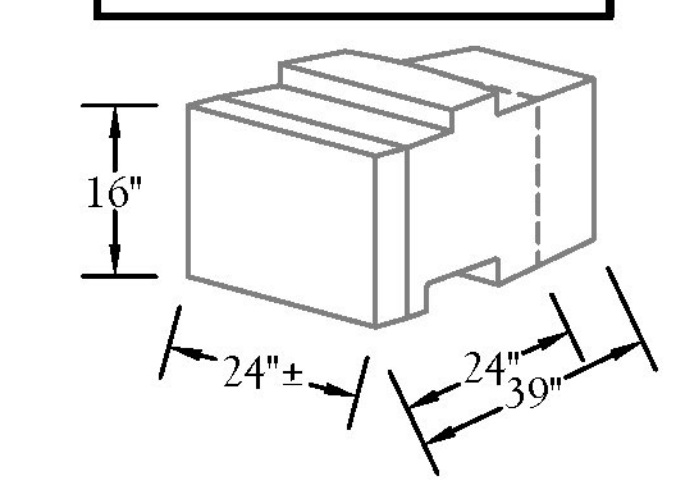
CORNER TOP	
WIDTH:	48"
DEPTH:	24"
HEIGHT:	16"
WEIGHT:	±1,103 LBS

TOP UNIT	
WIDTH:	48"
DEPTH:	24"
HEIGHT:	16"
WEIGHT:	±971 LBS



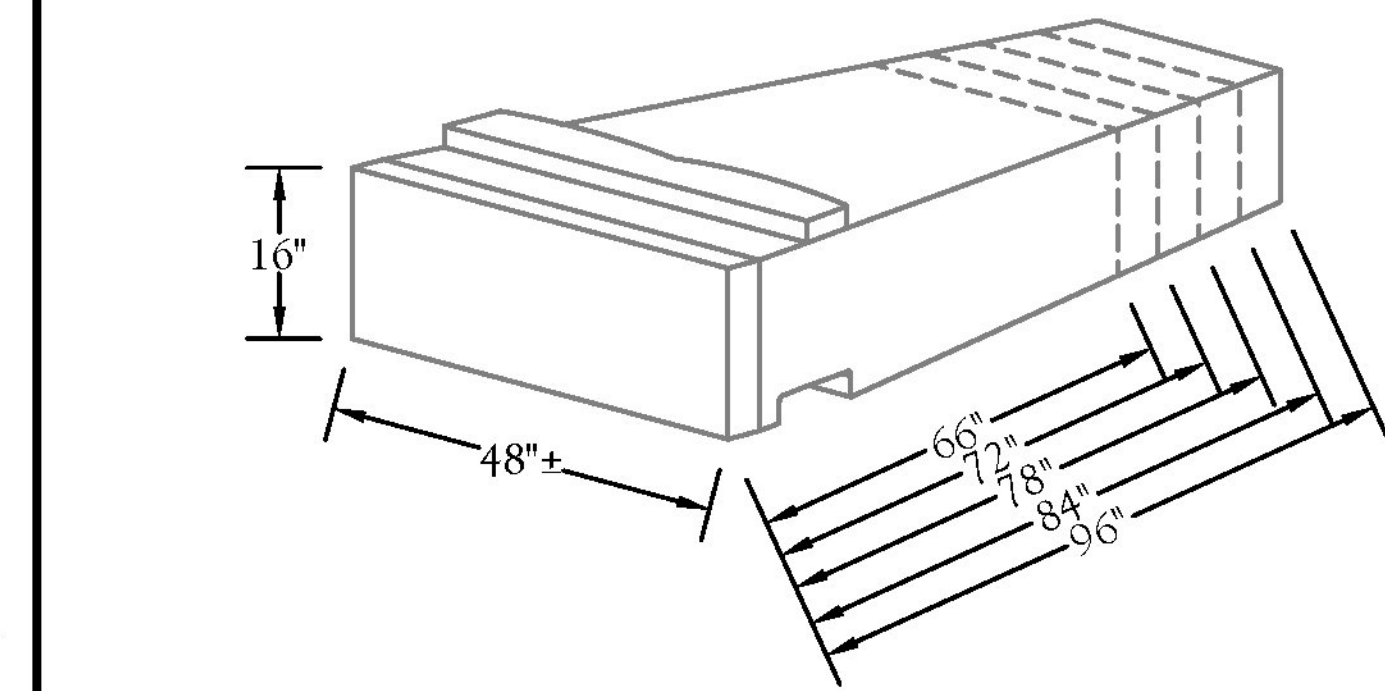
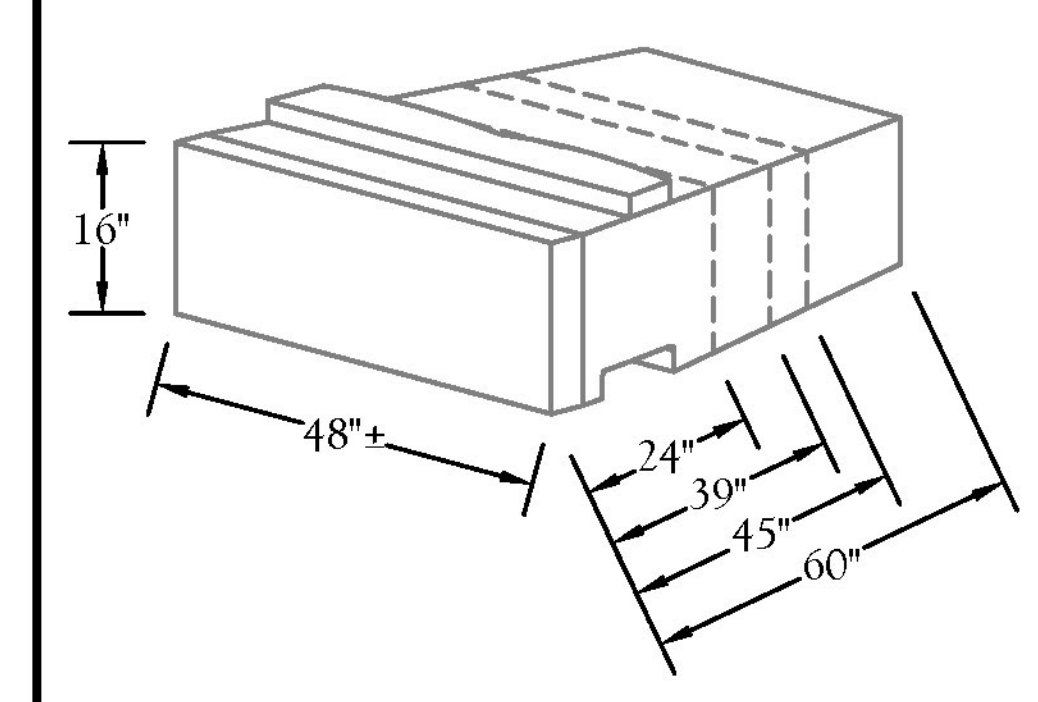
HALF MIDDLE UNIT	
WIDTH:	24"
HEIGHT:	16"
DEPTH:	24"
24"	±675 LBS
39"	±975 LBS

CORNER BLOCK	
WIDTH:	48"
DEPTH:	24"
HEIGHT:	16"
WEIGHT:	±1,401 LBS



**3** RECON UNITS  
SCALE: N.T.S.

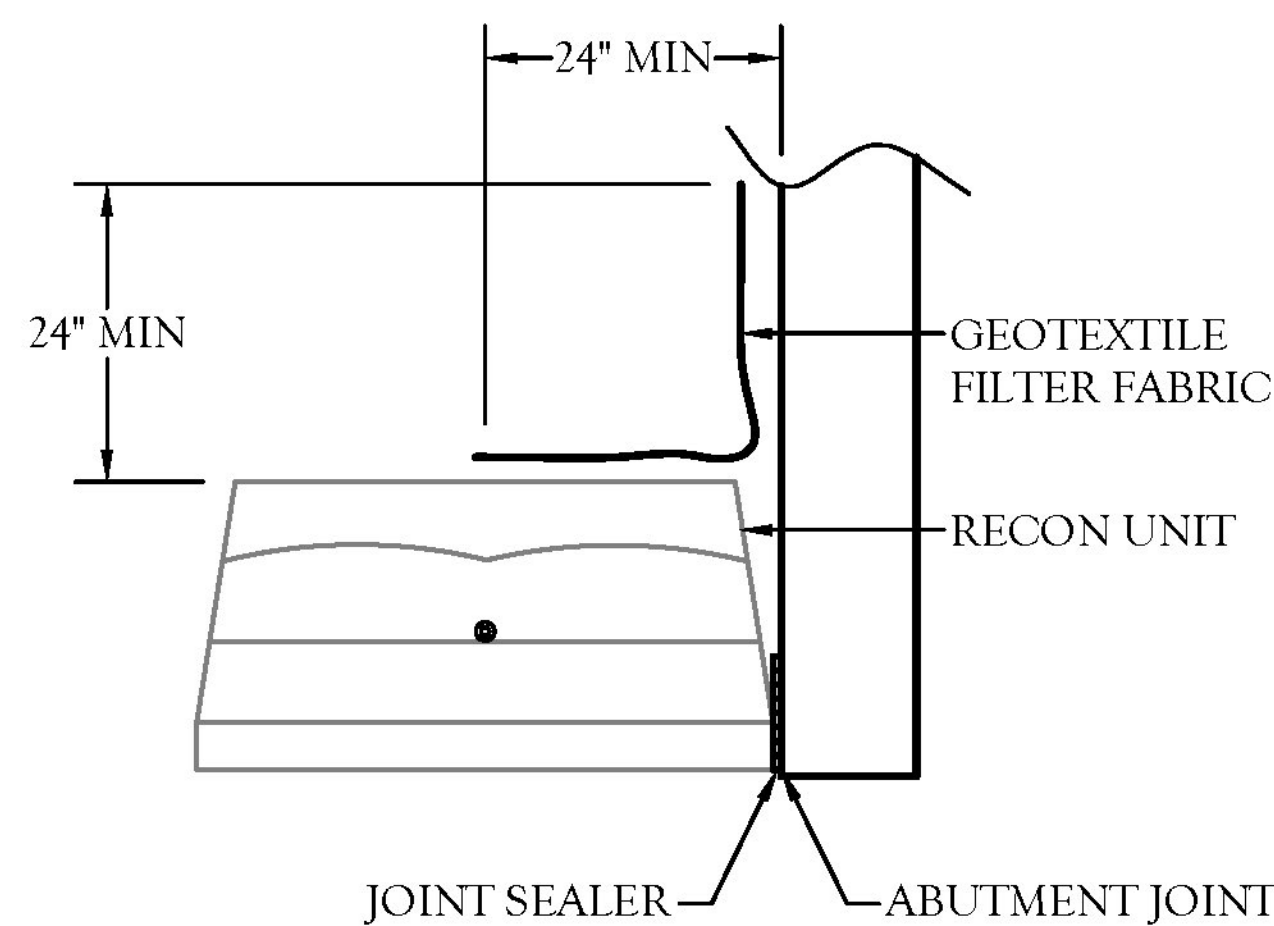
MIDDLE UNIT	
WIDTH:	48"
HEIGHT:	16"
DEPTH:	24"
WEIGHT:	±1,411 LBS
39"	±2,201 LBS
45"	±2,491 LBS
60"	±3,115 LBS
66"	±3,133 LBS
72"	±3,611 LBS
78"	±3,849 LBS
84"	±4,088 LBS
96"	±4,655 LBS



**4** RECON MIDDLE UNITS  
SCALE: N.T.S.

**NOTES:**

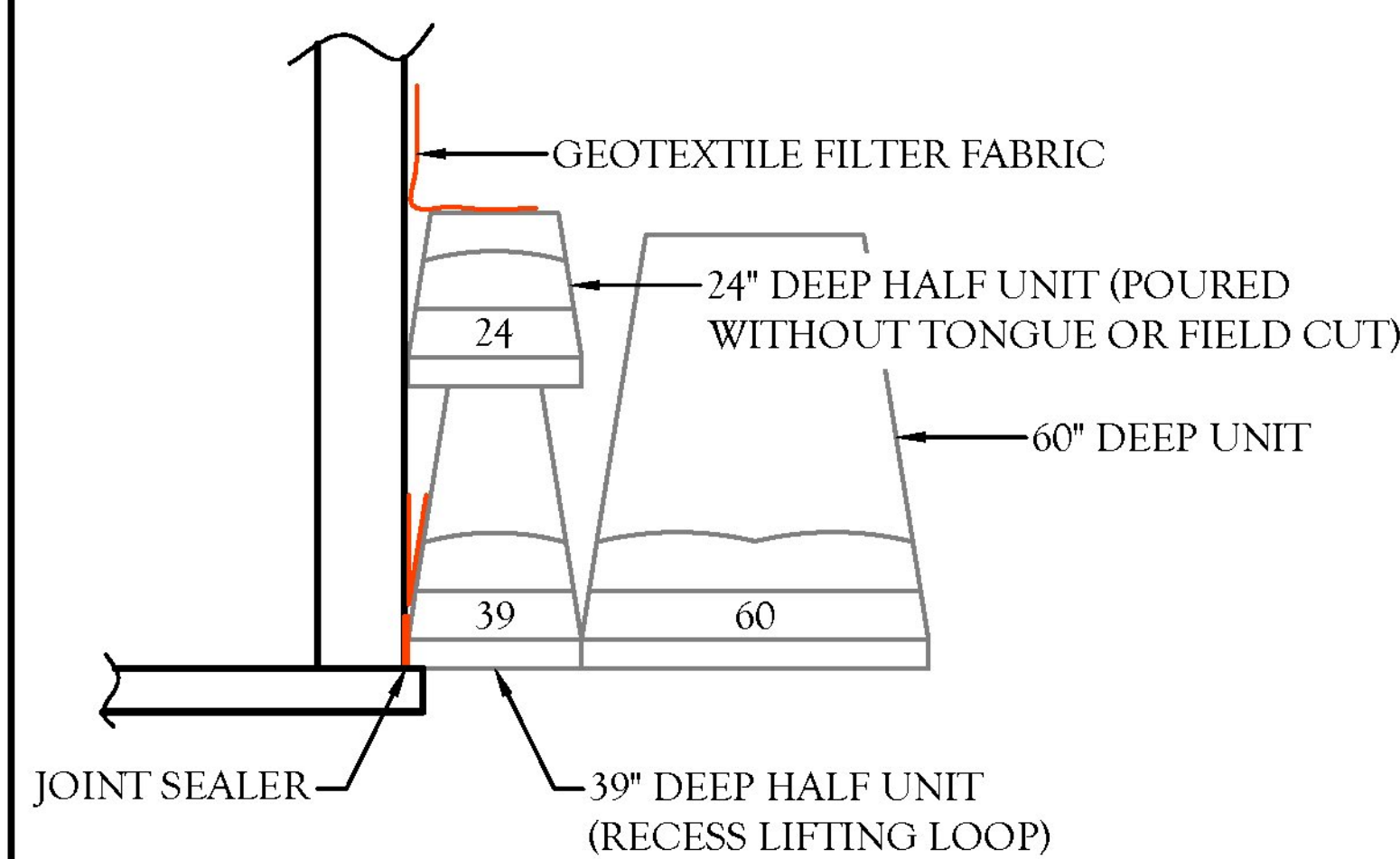
1. A GEOTEXTILE FABRIC SHALL BE PLACED WHERE THE RETAINING WALLS ABUT TO EXISTING FOUNDATIONS AS SHOWN ON THE RETAINING WALL SITE PLAN. OVERLAP ALL ABUTMENT JOINTS 24" WITH A MINIMUM 48" WIDE FABRIC.



**5** ABUTMENT WRAP  
SCALE: N.T.S.

**NOTES:**

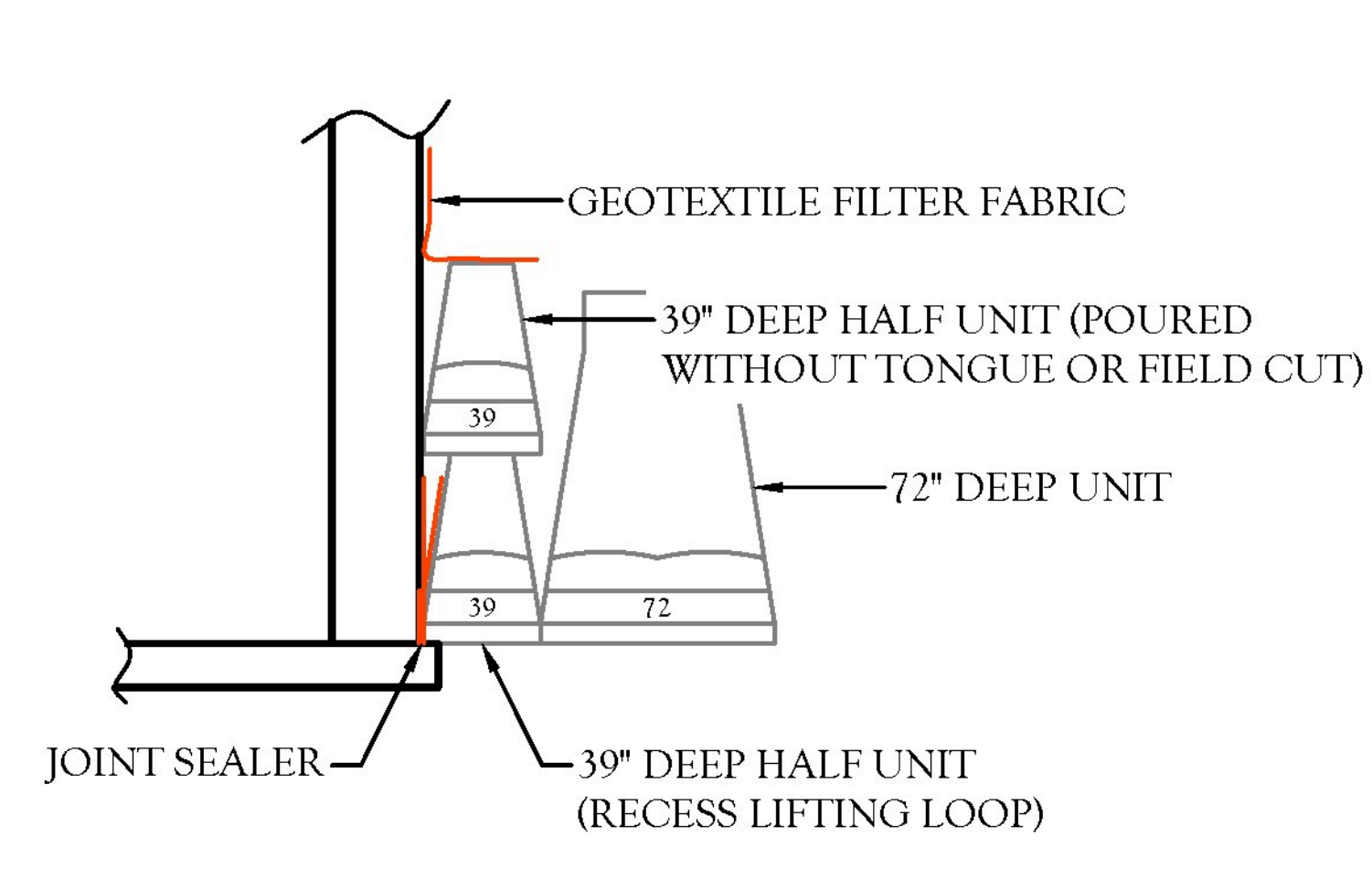
1. WHEN DOUBLE STACKING HALF UNITS, THE FRONT BLOCK SHALL BE CAST WITH THE REAR LIFTING LOOP RECESSED.
2. THE REAR BLOCK SHALL BE CAST WITHOUT A TONGUE IF THE TONGUE WILL PREVENT THE BLOCK PLACED ABOVE THE DOUBLE STACK FROM RESTING ON A LEVEL SURFACE.
3. PLACE A GEOTEXTILE FABRIC AT ABUTMENT.



**6** DOUBLE STACKING ABUTMENT (60")  
SCALE: N.T.S.

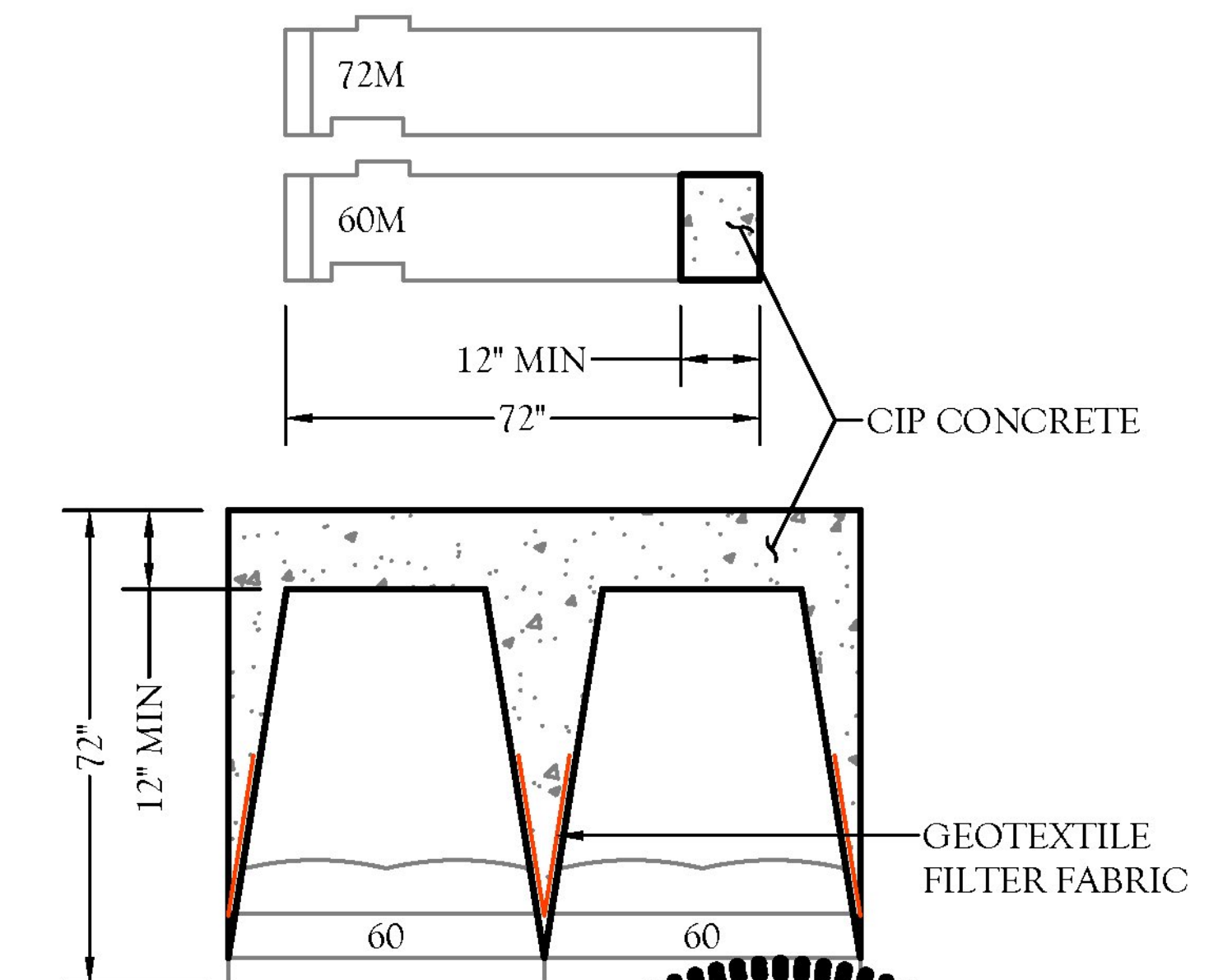
**NOTES:**

1. WHEN DOUBLE STACKING HALF UNITS, THE FRONT BLOCK SHALL BE CAST WITH THE REAR LIFTING LOOP RECESSED.
2. THE REAR BLOCK SHALL BE CAST WITHOUT A TONGUE IF THE TONGUE WILL PREVENT THE BLOCK PLACED ABOVE THE DOUBLE STACK FROM RESTING ON A LEVEL SURFACE.
3. PLACE A GEOTEXTILE FABRIC AT ABUTMENT.



**7** DOUBLE STACKING ABUTMENT (72")  
SCALE: N.T.S.

**IF 72" DEEP UNITS CAN NOT BE PRECAST:**



**8** CIP 72" DEEP UNIT  
SCALE: N.T.S.

**CDP** CIVIL DESIGN PROFESSIONALS  
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SITE SOLUTION PROFESSIONALS, INC. D.B.A. CIVIL DESIGN PROFESSIONALS

No	Date	Revision	By
1	2.02.2016	REVISE BLOCK AND QUANTITIES	TPH
2			
3			
4			
5			
6			

Designed By TPH	Project WAITSFIELD BR# 013-4(39) WAITSFIELD, VERMONT
Scale AS NOTED	Title TYPICAL UNIT DETAIL
Date JAN 28, 2016	

Registration No. 8619  
Project No. 15-0789  
Sheet No. 4.00  
Date 2/2/16  
MICHAEL R. JOHNSON, P.E.

