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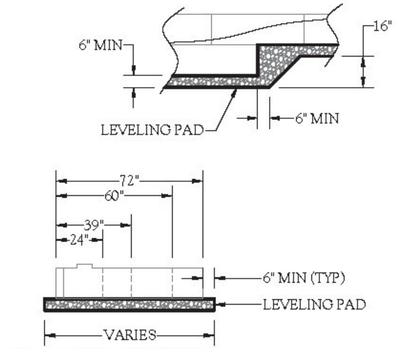
NOTES:

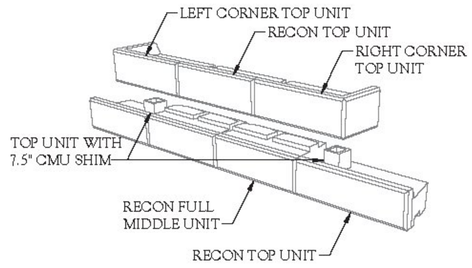
1. THE LEVELING PAD SHALL BE CONSTRUCTED OF CRUSHED STONE.
2. THE CONTRACTOR SHALL HAVE A QUALIFIED GEOTECHNICAL ENGINEER VERIFY THE FOUNDATION SOILS TO ENSURE THAT IT MEETS OR EXCEEDS THE MINIMUM BEARING CAPACITY REQUIREMENTS.
3. THE BASE FOUNDATION SHALL BE APPROVED PRIOR TO PLACEMENT OF THE LEVELING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



1 / 4.00 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.

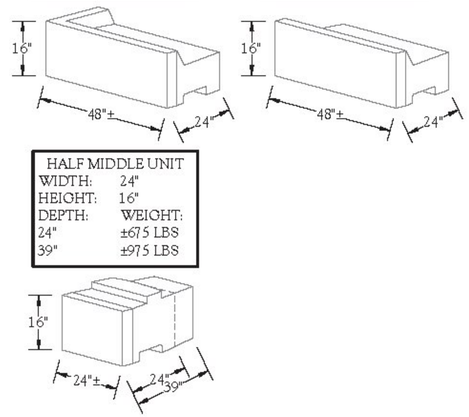


2 / 4.00 STANDARD TOP OF WALL STEP
SCALE: N.T.S.

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

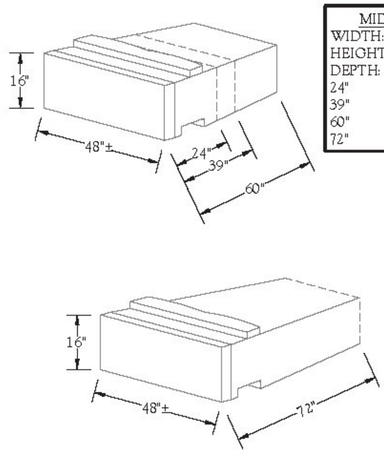
TOP UNIT	
WIDTH:	48"
DEPTH:	24"
HEIGHT:	16"
WEIGHT:	±971 LBS

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



3 / 4.00 RECON UNITS
SCALE: N.T.S.

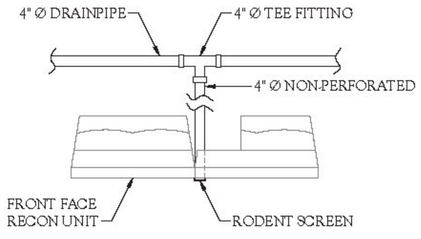
MIDDLE UNIT	
WIDTH:	48"
HEIGHT:	16"
DEPTH:	WEIGHT:
24"	±1,411 LBS
39"	±2,201 LBS
60"	±3,115 LBS
72"	±3,611 LBS



4 / 4.00 RECON MIDDLE UNITS
SCALE: N.T.S.

NOTES:

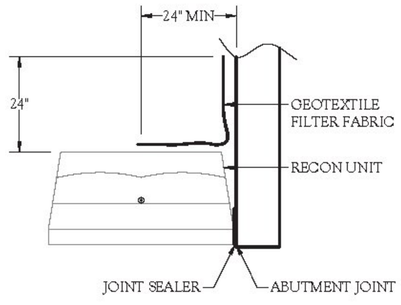
1. 4" DIAMETER CORRUGATED PERFORATED PLASTIC DRAINPIPE WRAPPED WITH A GEOTEXTILE FABRIC.
2. PROVIDE RODENT SCREEN AND 4" DIAMETER NON-PERFORATED PLASTIC PIPE OUTLET THROUGH WALL.
3. OUTLET INTO ONSITE DRAINAGE SYSTEM, THROUGH FACE OF WALL AT 10' O.C. MAXIMUM, AND/OR LOW POINTS ALONG WALL.



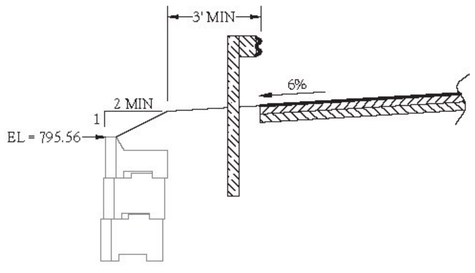
5 / 4.00 DRAINPIPE OUTLET
SCALE: N.T.S.

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.
2. JOINT SEALER MATERIAL SHALL MEET THE REQUIREMENTS OF SUBSECTION(S) 707.06, 707.07, 707.08 OR 707.09



6 / 4.00 ABUTMENT WRAP
SCALE: N.T.S.



7 / 4.00 TOP OF WALL GRADING
SCALE: N.T.S.

Vermont Agency of Transportation
Accepted as Noted
By Rob at 8:24 am, Apr 12, 2017

STATE OF VERMONT
MICHAEL ROBERT JOHNSON
NO. 8619
CIVIL
LICENSED
PROFESSIONAL ENGINEER

MICHAEL R. JOHNSON, P.E. Date: 4/4/17

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No.	Date	Revision	By
1	3/6/17	PER STATE COMMENTS	JBC
2	4/4/17	PER STATE COMMENTS	JBC
3			
4			
5			
6			

Designed By: JBC	Project: HUNTINGTON BF 0211(32) HUNTINGTON, VERMONT	Registration No: 8619
Scale: AS NOTED		Project No: 161034
Date: JAN 10, 2017	Title: DETAILS (TYPICAL)	Sheet No: 4.00