

ABUTMENT RENOVATION PLANS

AT

NORTHEAST HARBOR

FOR

THE TOWN OF MOUNT DESERT, MAINE



LOCATION MAP

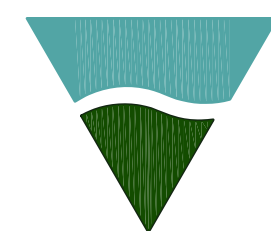
PLAN INDEX:

<i>C1</i>	<i>NORTH ABUTMENT PLAN</i>
<i>C2</i>	<i>NORTH ABUTMENT STONES PLAN</i>
<i>C3</i>	<i>SOUTH ABUTMENT PLAN</i>
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<i>C5</i>	<i>ISOMETRIC VIEWS</i>
<i>C6</i>	<i>DETAILS</i>
<i>C7</i>	<i>DETAILS</i>
<i>C8</i>	<i>EXISTING CONDITIONS PHOTOS</i>

DATE:
NOVEMBER 1ST, 2021

REVISION:
BID PLANS

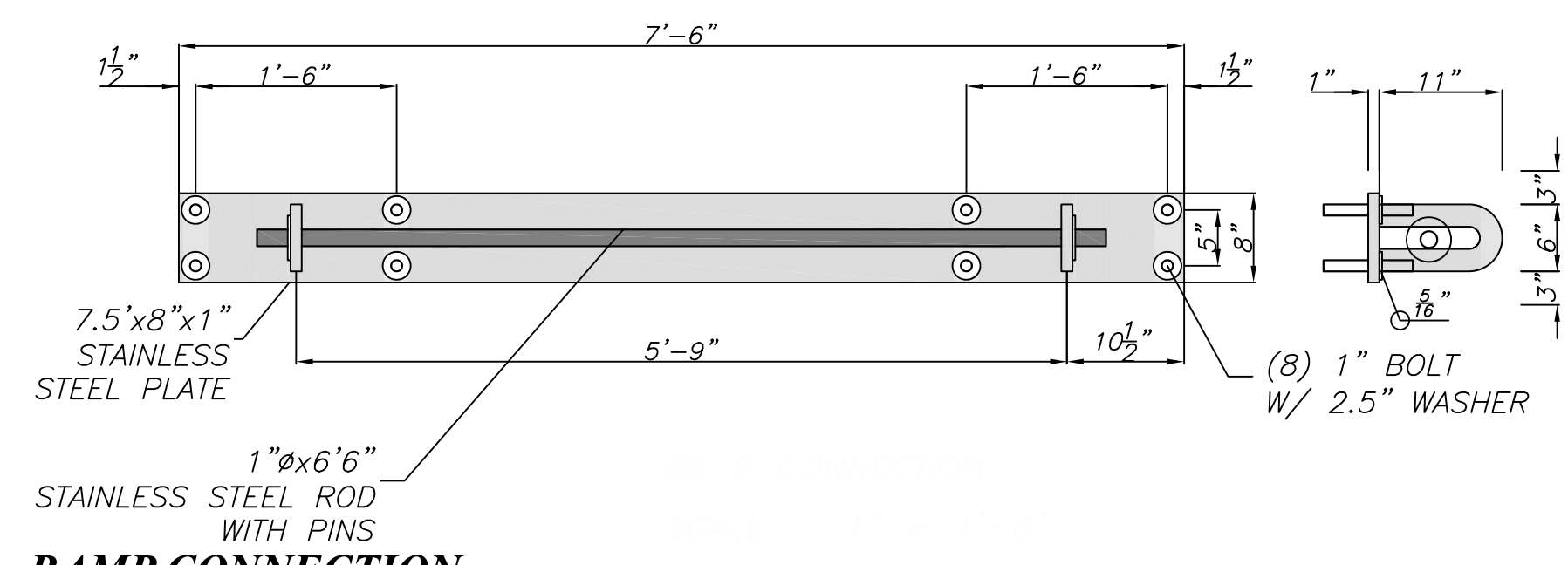
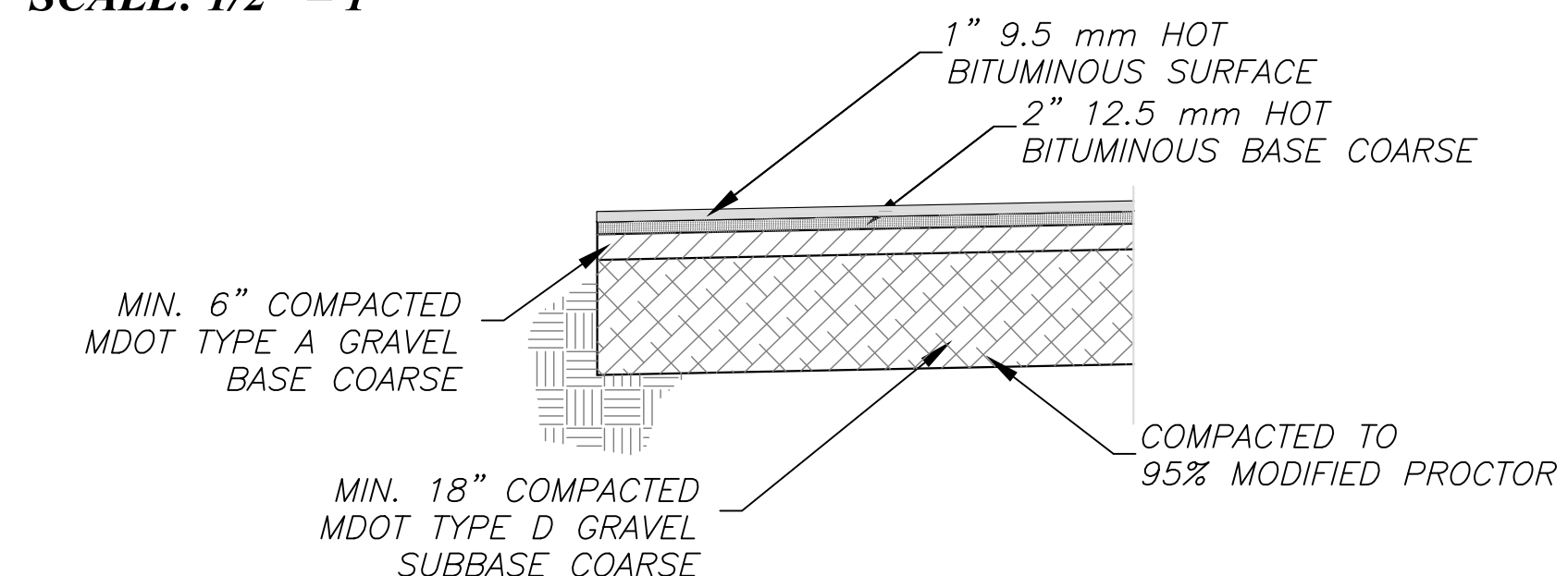
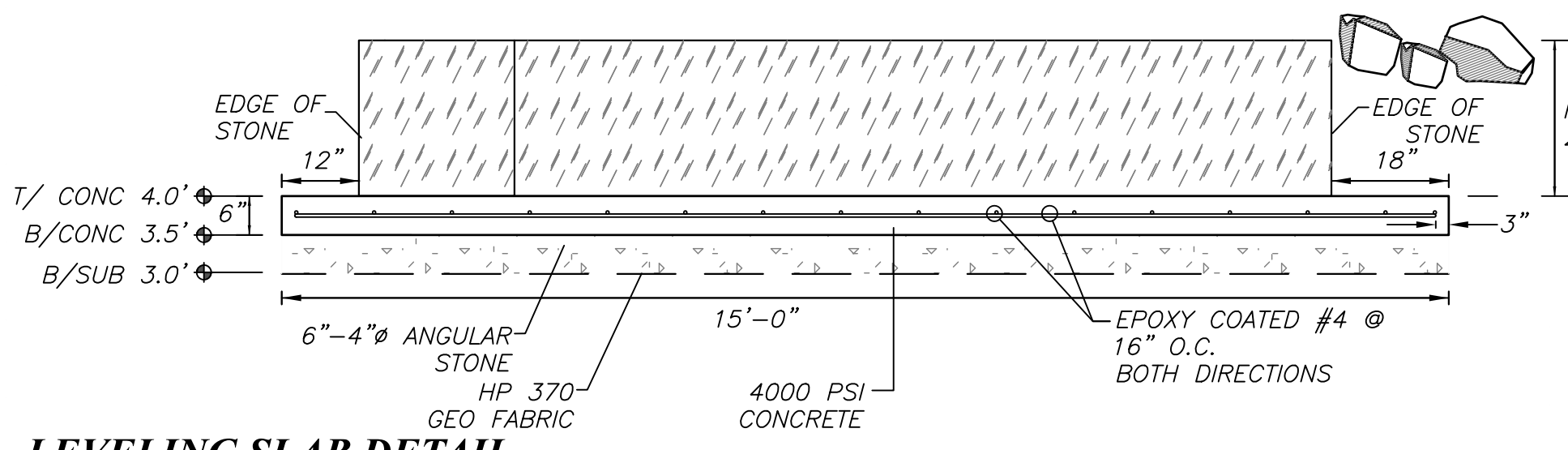
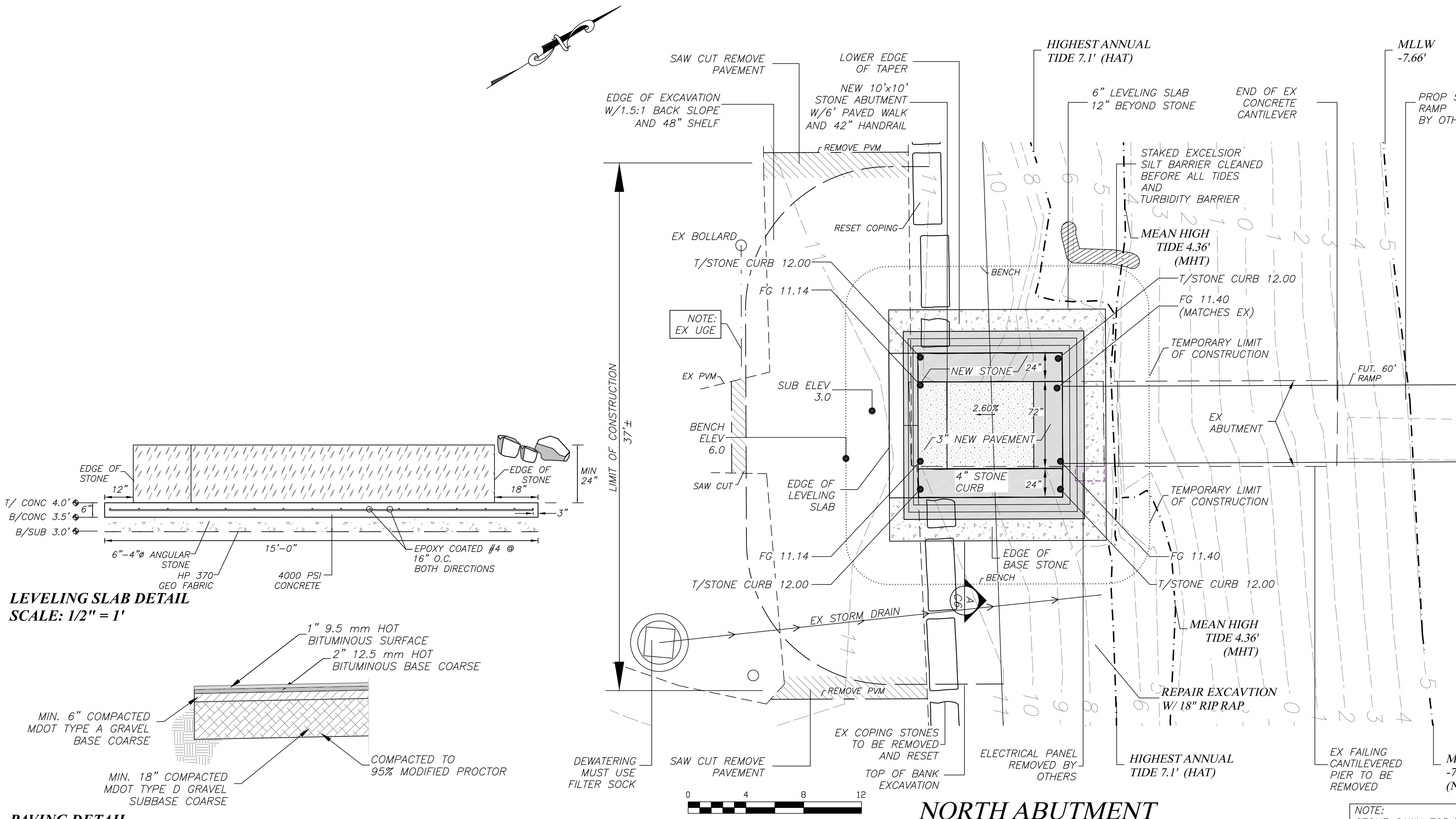
CIVIL ENGINEERS:



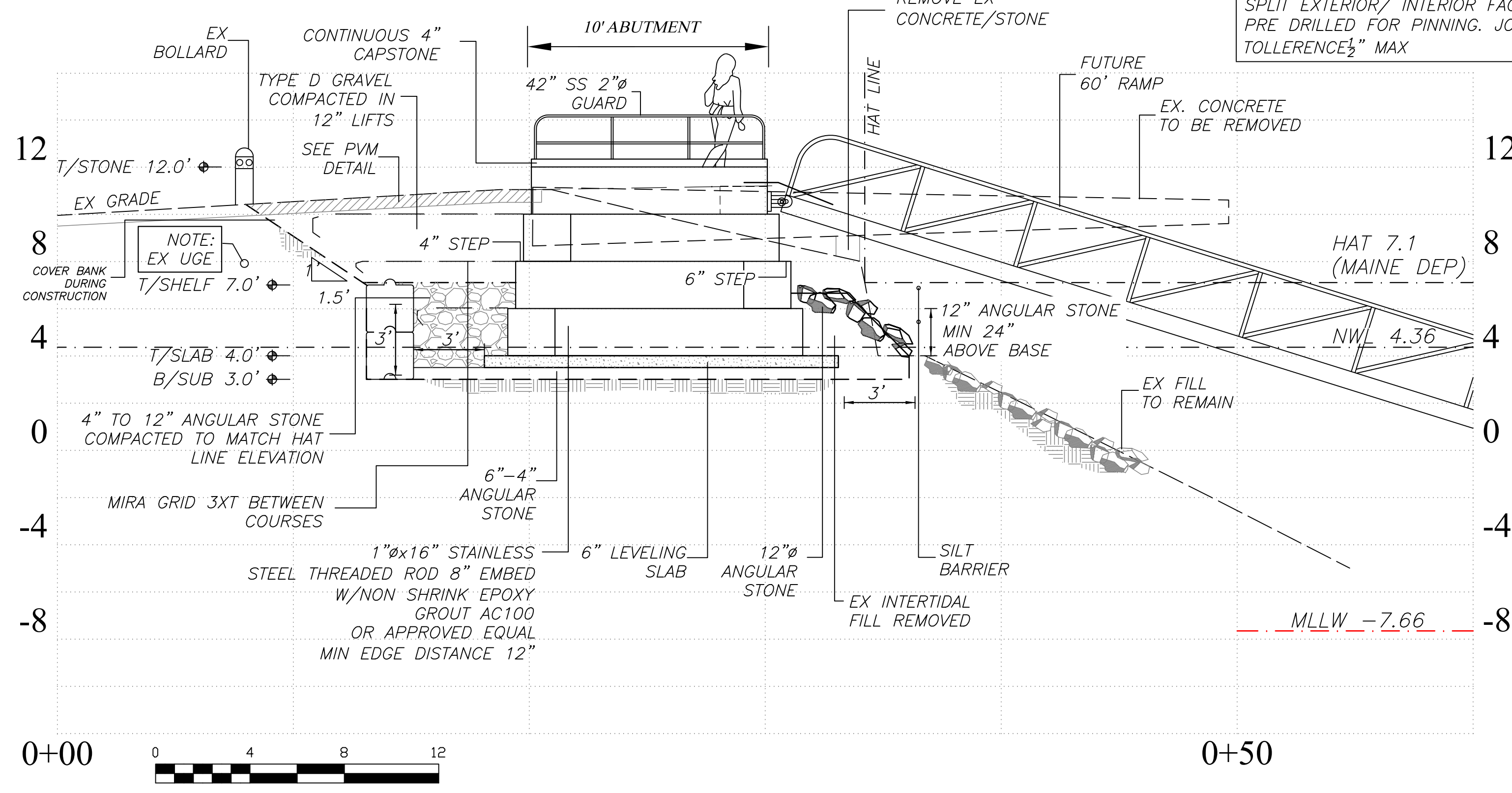
G.F. Johnston & Associates
Consulting Civil Engineers
P.O. Box 197
Southwest Harbor, Maine 04679
207-244-1200

OWNERS:

TOWN OF MOUNT DESERT
21 Sea Street
P.O. Box 248
Northeast Harbor, ME
04662



FILTER SOCK
SCALE: N.T.S.



LOCUS MAP
SCALE: 1" = 100'



EXISTING FAILING CONCRETE ABUTMENT

- STORMWATER AND EROSION CONTROL NOTES:**
1. CLEANING AND MAINTENANCE OF EQUIPMENT MUST OCCUR OUTSIDE OF 75' FROM HIGHWATERLINE. NO DEGREASERS, POWERWASHING OR FUELING MAY OCCUR ADJACENT TO WATER.
 2. EROSION CONTROL MEASURES SUCH AS SILT FENCE AND HAY BALES SHALL BE INSTALLED AND MAINTAINED DOWNGRADIENT OF ALL DISTURBED SOILS. ALL EROSION CONTROL TO BE INSPECTED BEFORE AND FOLLOWING ALL RAIN EVENTS.
 3. WITHIN 7 CALENDER DAYS FOLLOWING THE COMPLETION OF ANY SOIL DISTURBANCE, AND PRIOR TO ANY STORM EVENT, MULCH MUST BE SPREAD ON ANY EXPOSED SOILS.
 3. SITE CONSTRUCTION MUST ADHERE TO MAINE DEP BEST MANAGEMENT PRACTICES FOR EROSION CONTROL, OCTOBER 2016, OR AS AMENDED.
 5. ENGINEERS INSPECTION REQUIRED DURING CONSTRUCTION.
 6. COMPLIANCE W/ STATE AND FEDERAL PERMITS ISSUED FOR PROJECT REQUIRED.

NORTH ABUTMENT
ARMY CORP OF ENGINEERS
AND
MAINE DEP
PERMIT PLAN
FOR
TOWN OF MOUNT DESERT

G.F. Johnston & Associates
Consulting Civil Engineers
P.O. Box 197
Southwest Harbor, Maine 04679
207-244-1200

NOT FOR CONSTRUCTION
IF ENGINEERS
SEAL NOT
AFFIXED AND
SIGNED

BID PLAN

TOWN OF MOUNT DESERT
NORTHEAST HARBOR

NORTH ABUTMENT

DATE:
NOVEMBER 1, 2021

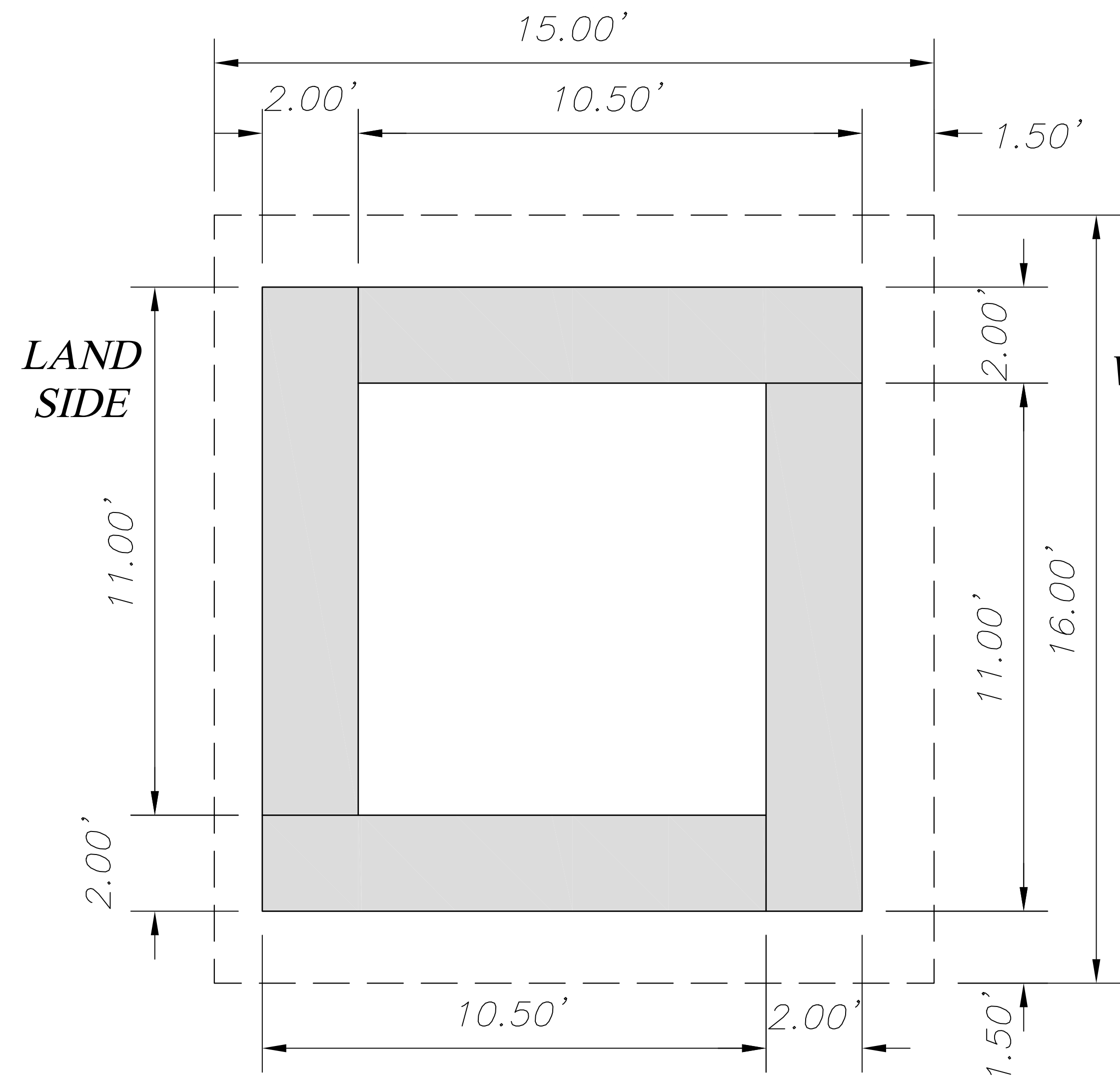
SCALE:
1" = 4'

PROJECT ID #
C-0755

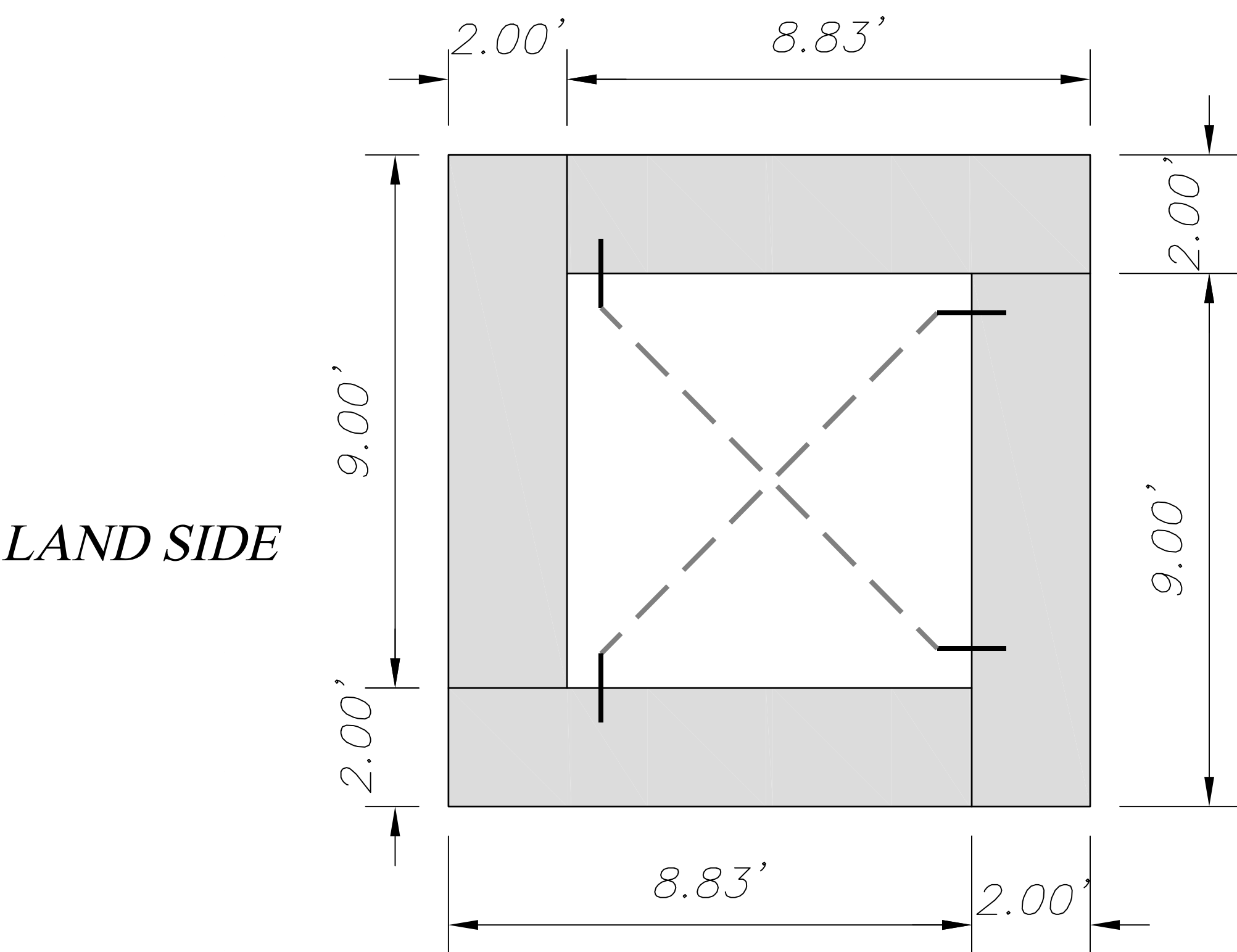
DRAWN BY:
FMV

CHECKED BY:
GFJ

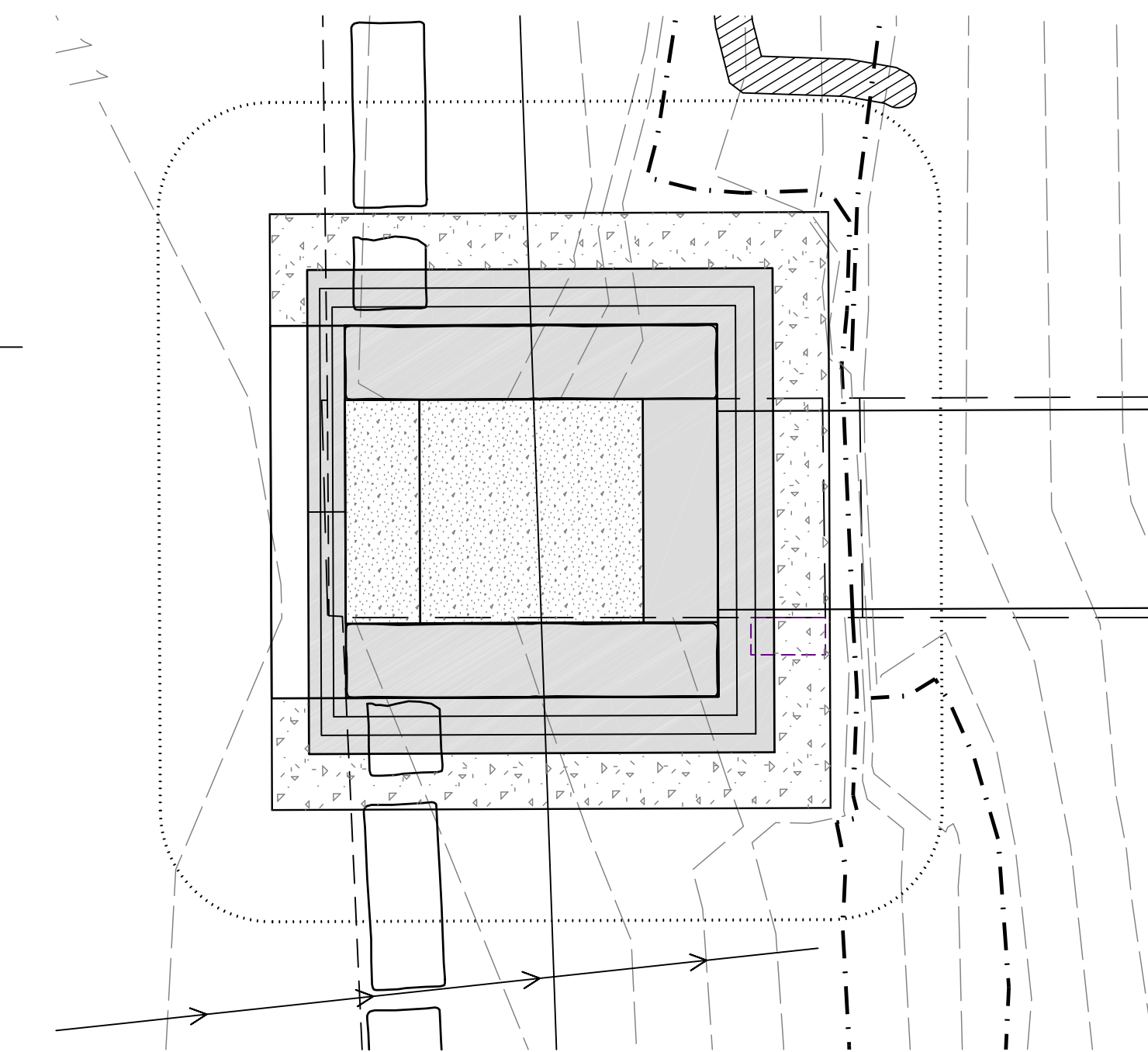
SHEET NO:
C1



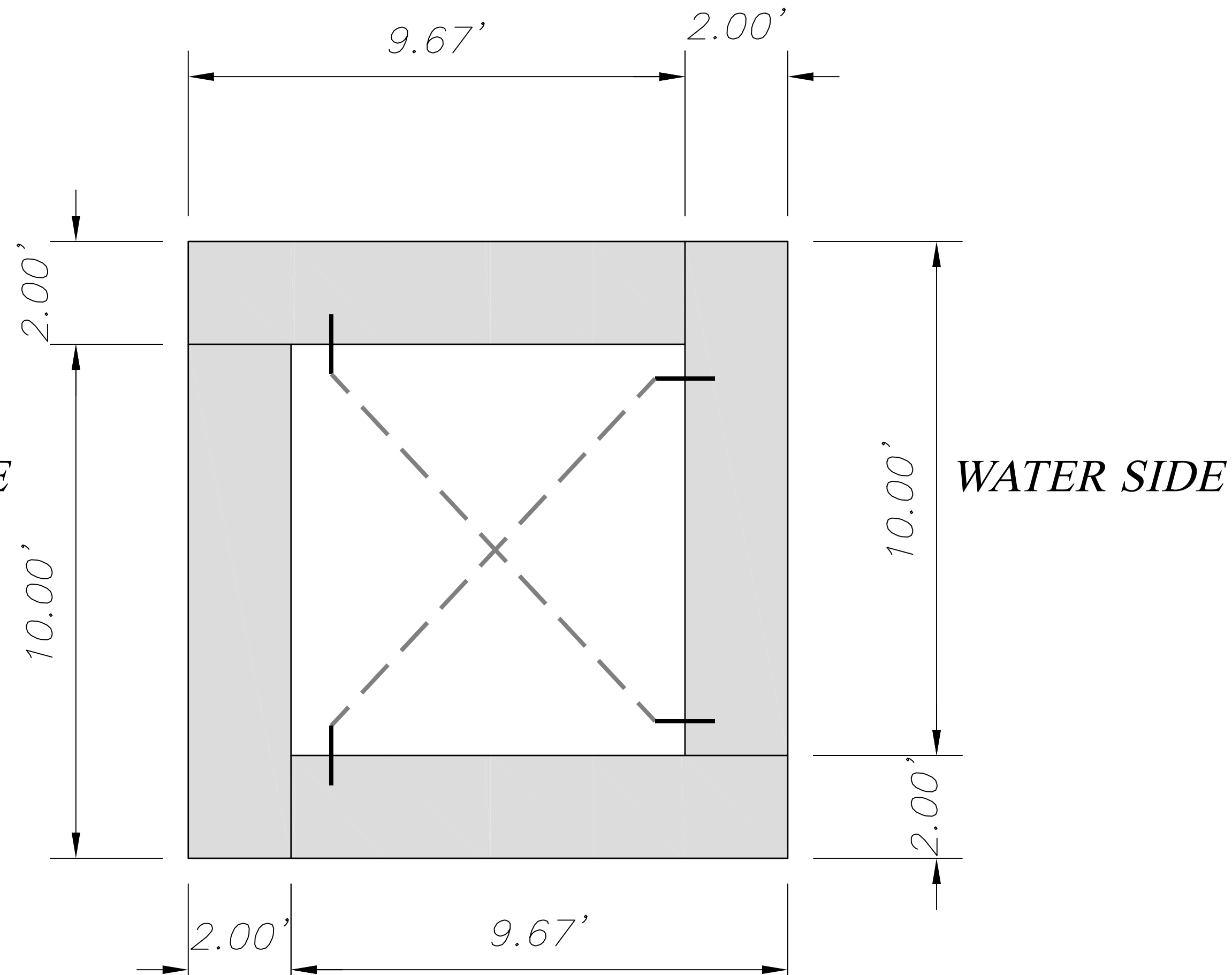
1ST ROW OF STONE



3RD ROW OF STONE

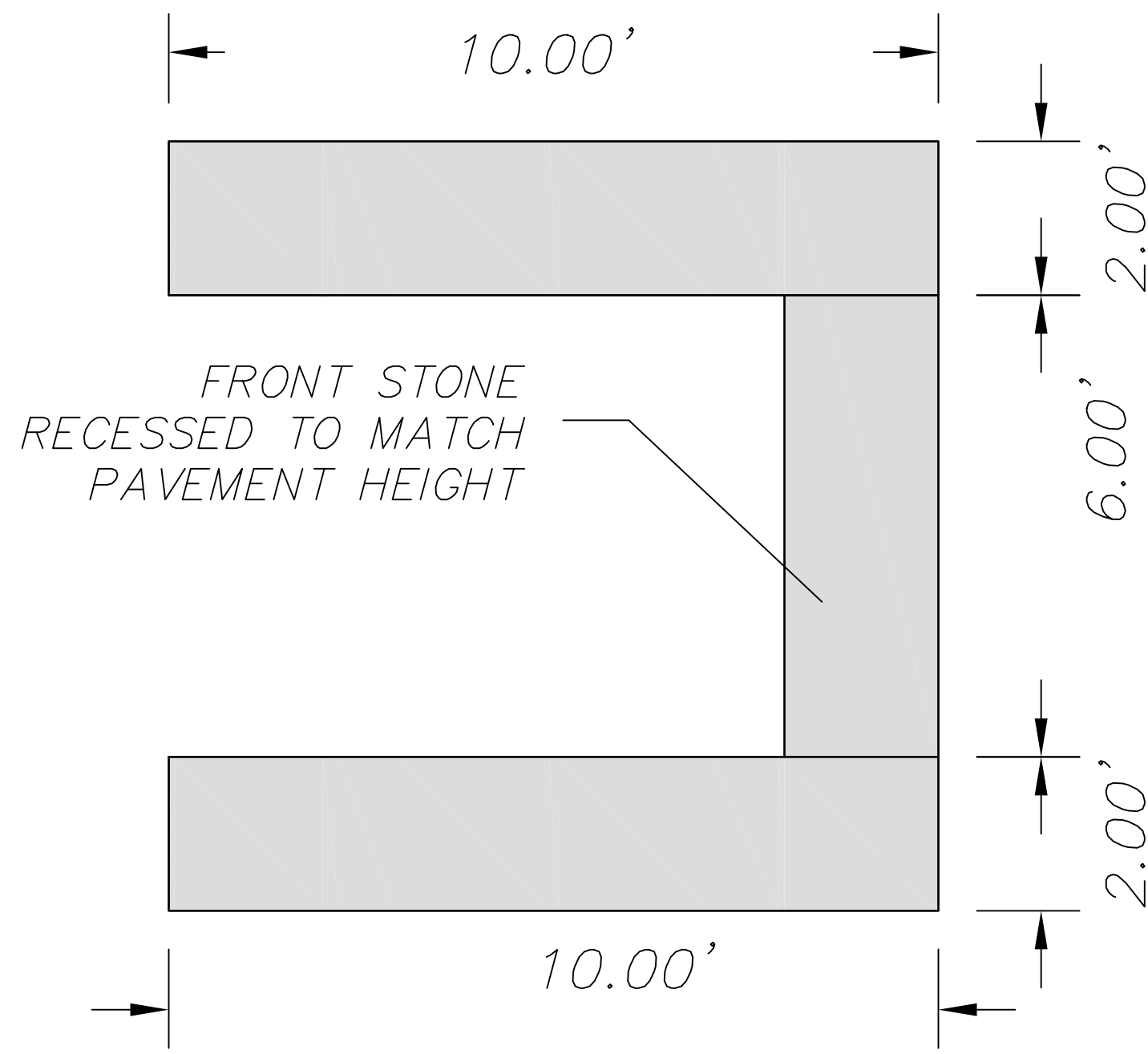


LAND SIDE

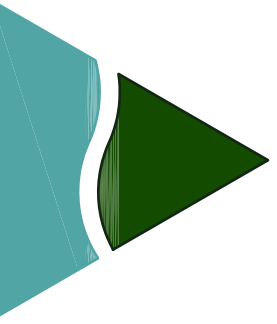


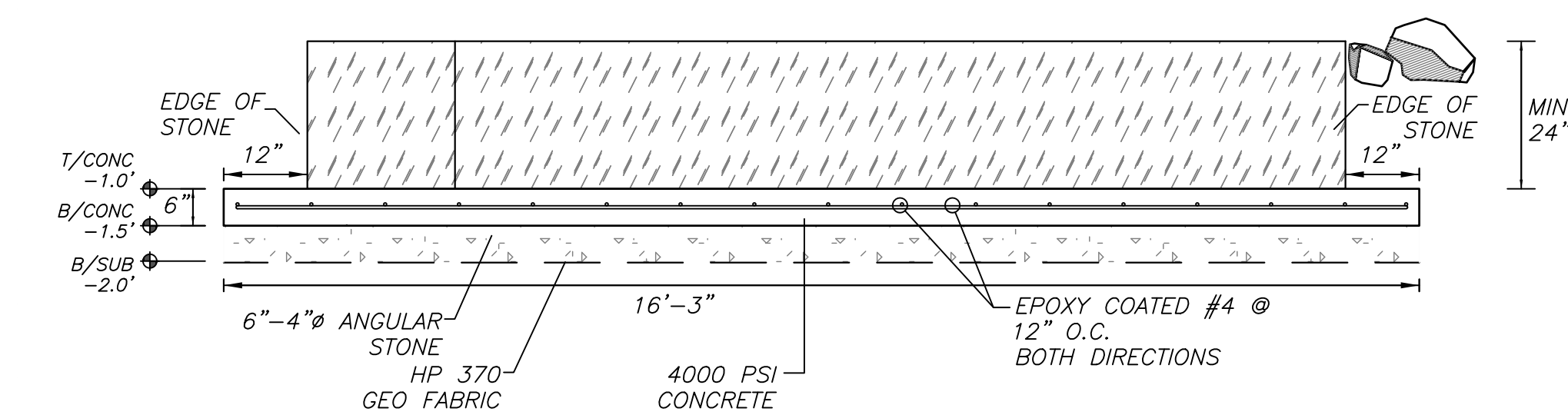
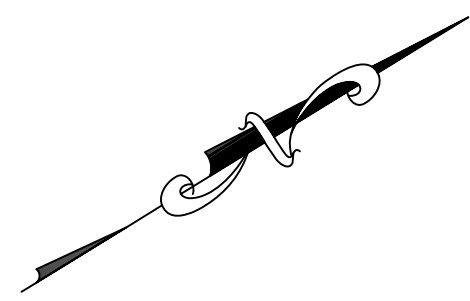
2ND ROW OF STONE

LAND SIDE



TOP ROW OF STONE

 <p>G.F. Johnston & Associates Consulting Civil Engineers P.O. Box 197 Southwest Harbor, Maine 04679 207-244-1200</p>	
<p>NOT FOR CONSTRUCTION IF ENGINEERS SEAL NOT AFFIXED AND SIGNED BID PLAN</p>	
TOWN OF MOUNT DESERT NORTHEAST HARBOR	NORTH ABUTMENT
DATE: NOVEMBER 1, 2021	
SCALE: 1" = 4'	
PROJECT ID # C-0755	
DRAWN BY: FMV	
CHECKED BY:	
SHEET NO: C2	



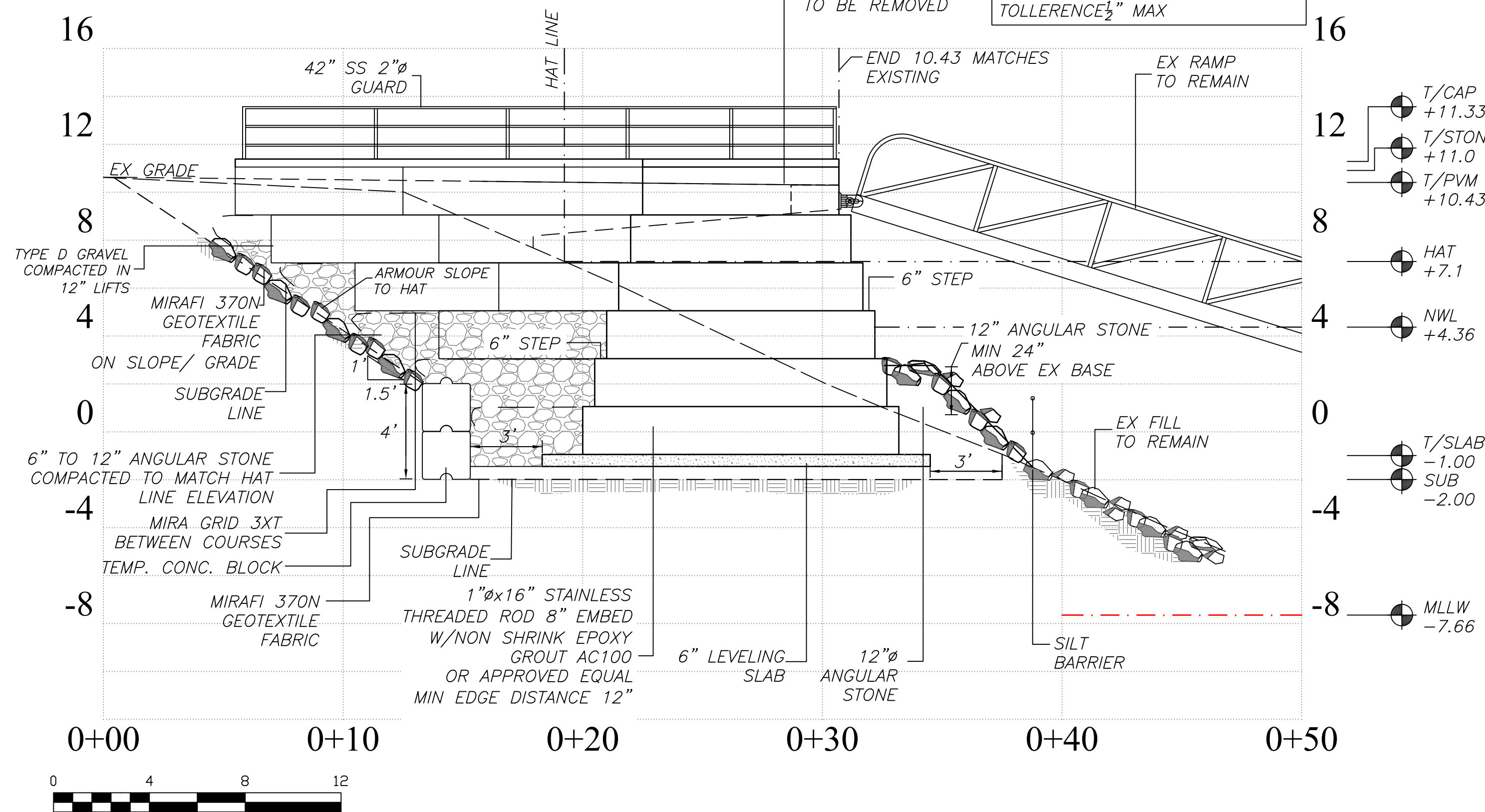
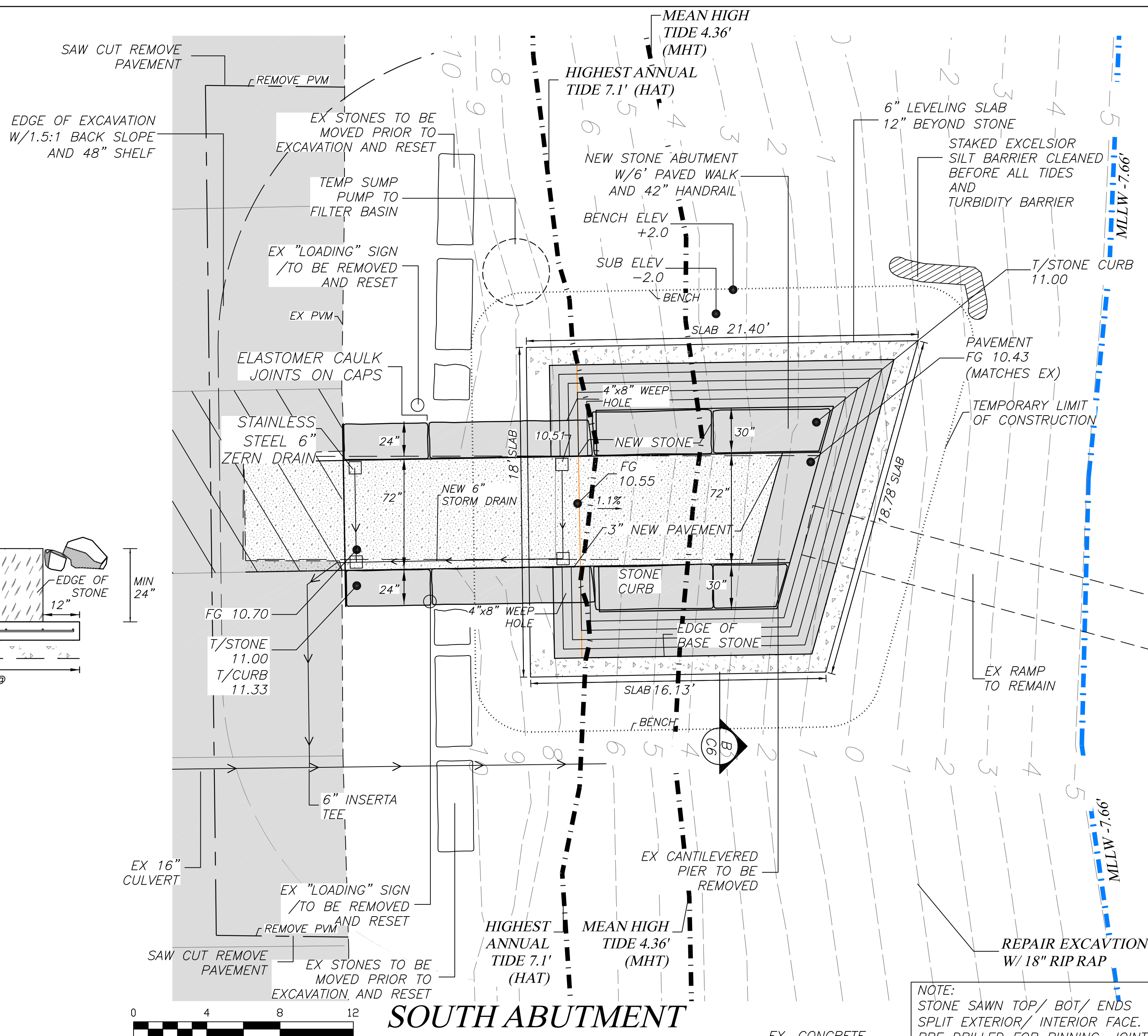
LEVELING SLAB DETAIL
SCALE: 1/2" = 1'



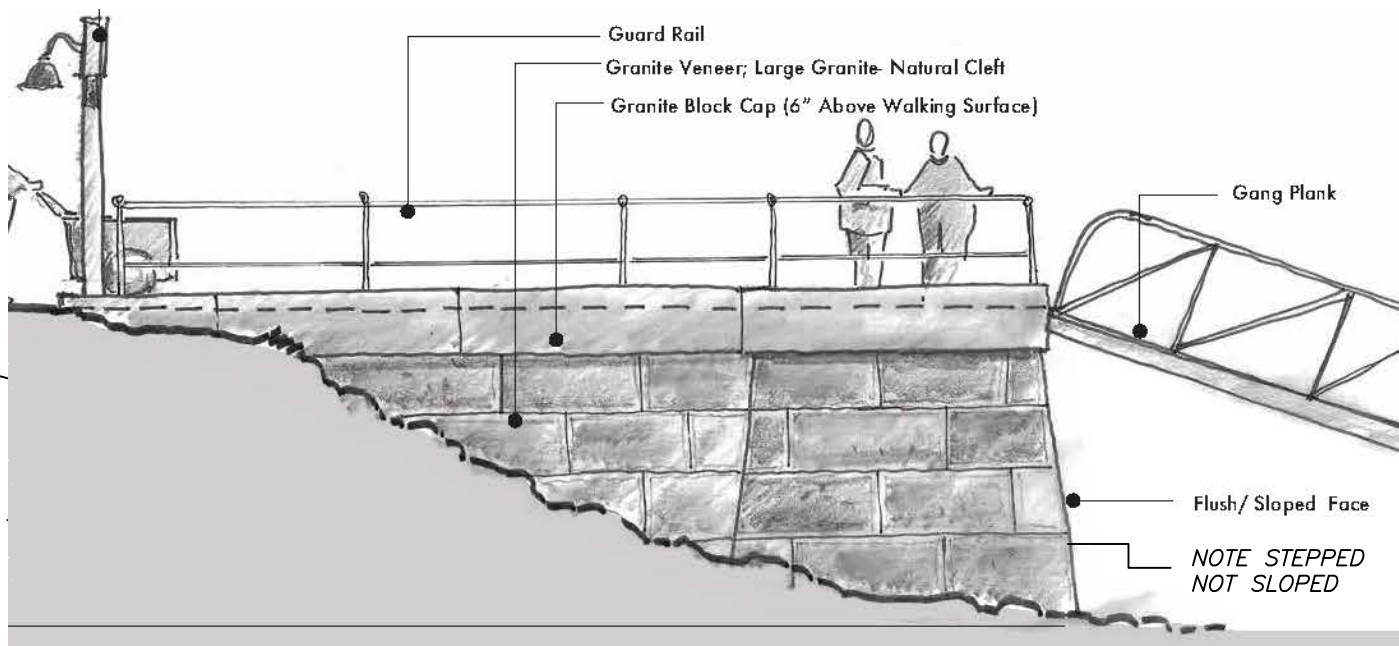
STAKED EXCELSIOR SILT BARRIER



TURBIDITY CURTAIN



LOCUS MAP
SCALE: 1" = 100'



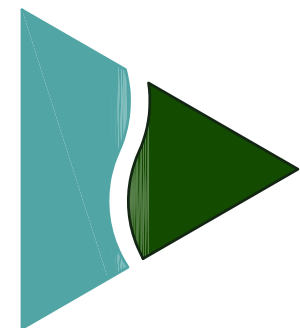
ABUTMENT RENDERING



EXISTING FAILING CONCRETE ABUTMENT

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*SOUTH ABUTMENT
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AND
MAINE DEP
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TOWN OF MOUNT DESERT*



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207-244-1200*

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BID PLAN

*TOWN OF MOUNT DESERT
NORTHEAST HARBOR*

DATE:
NOVEMBER 1, 2021

SCALE:
1" = 4'

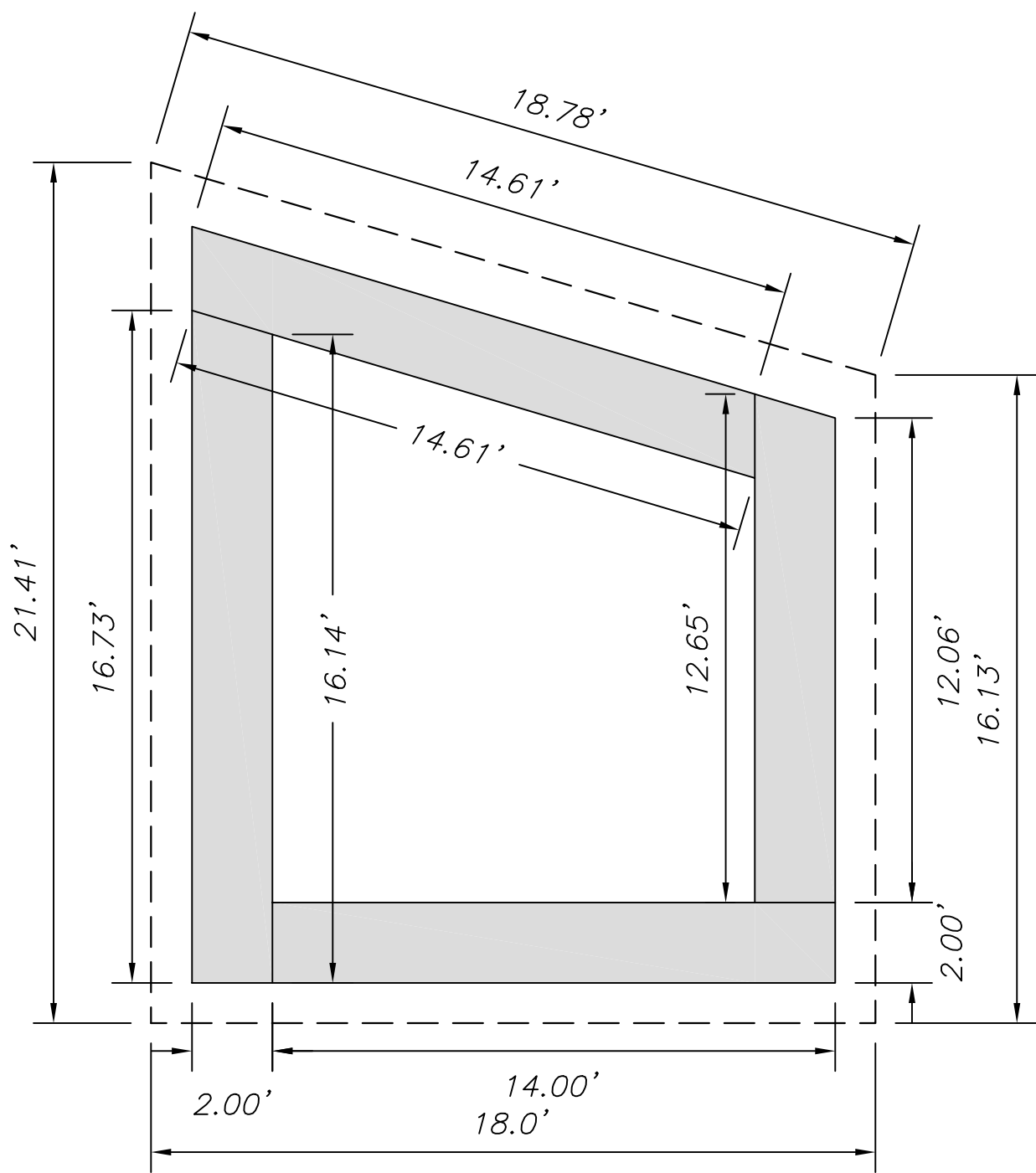
PROJECT.ID #
C-0755

DRAWN BY:
FMV

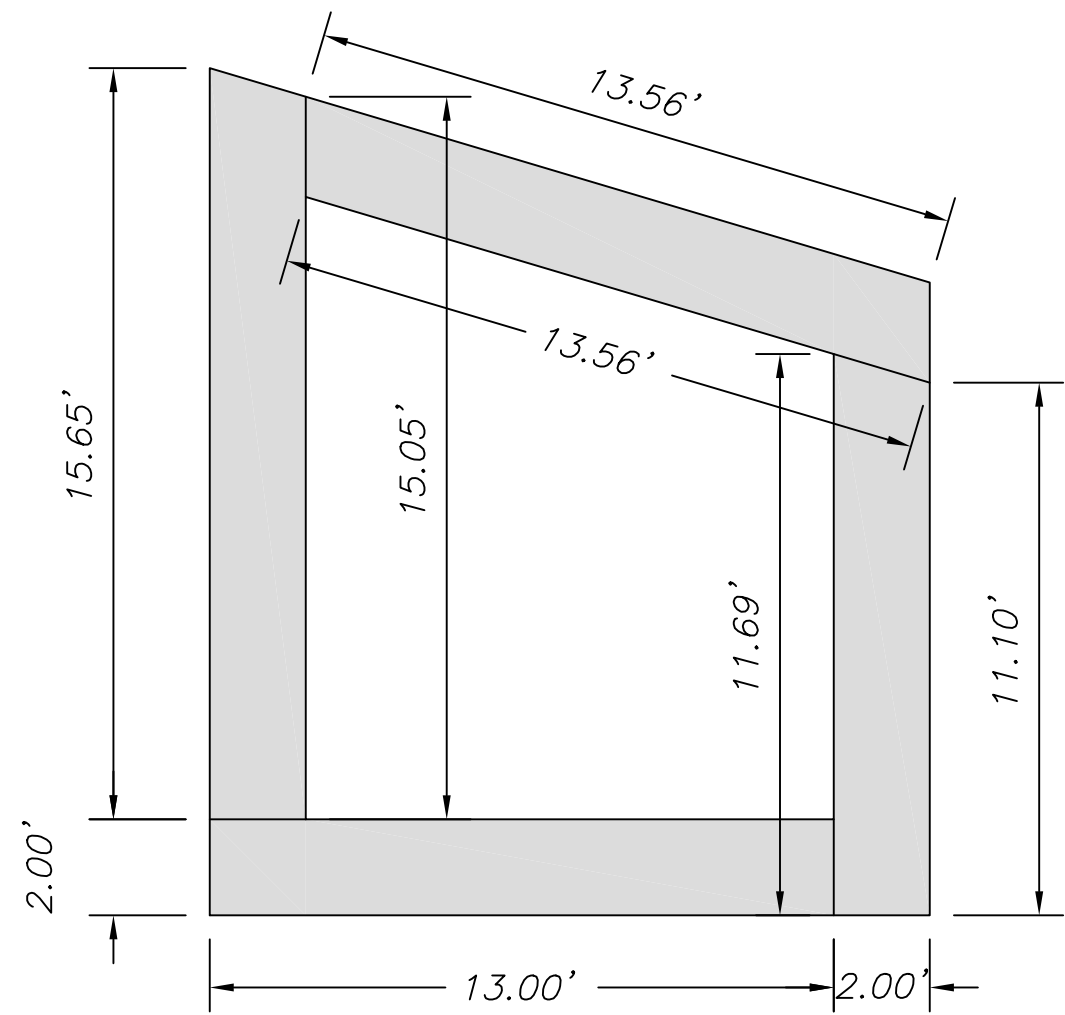
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SHEET NO:

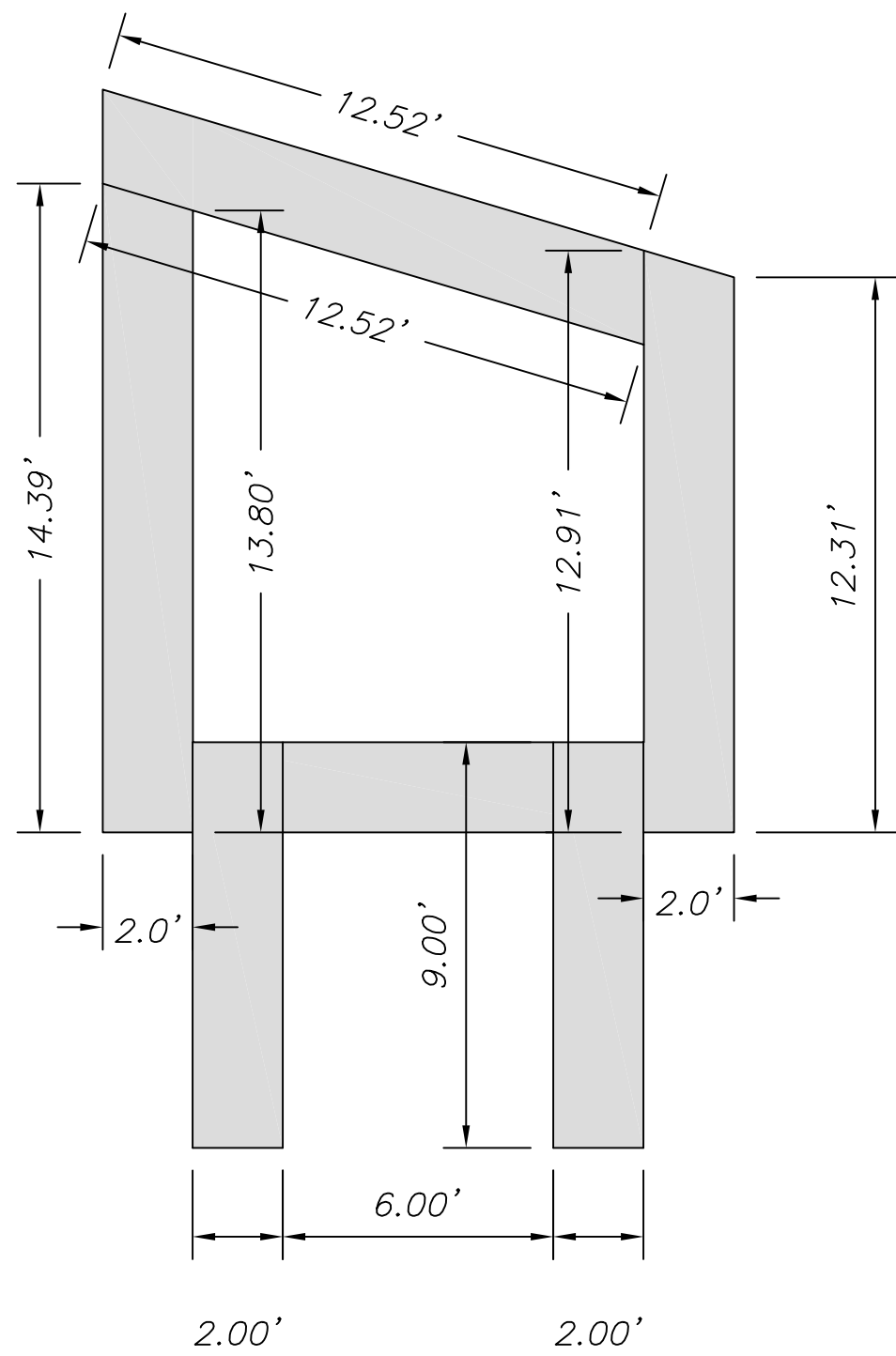
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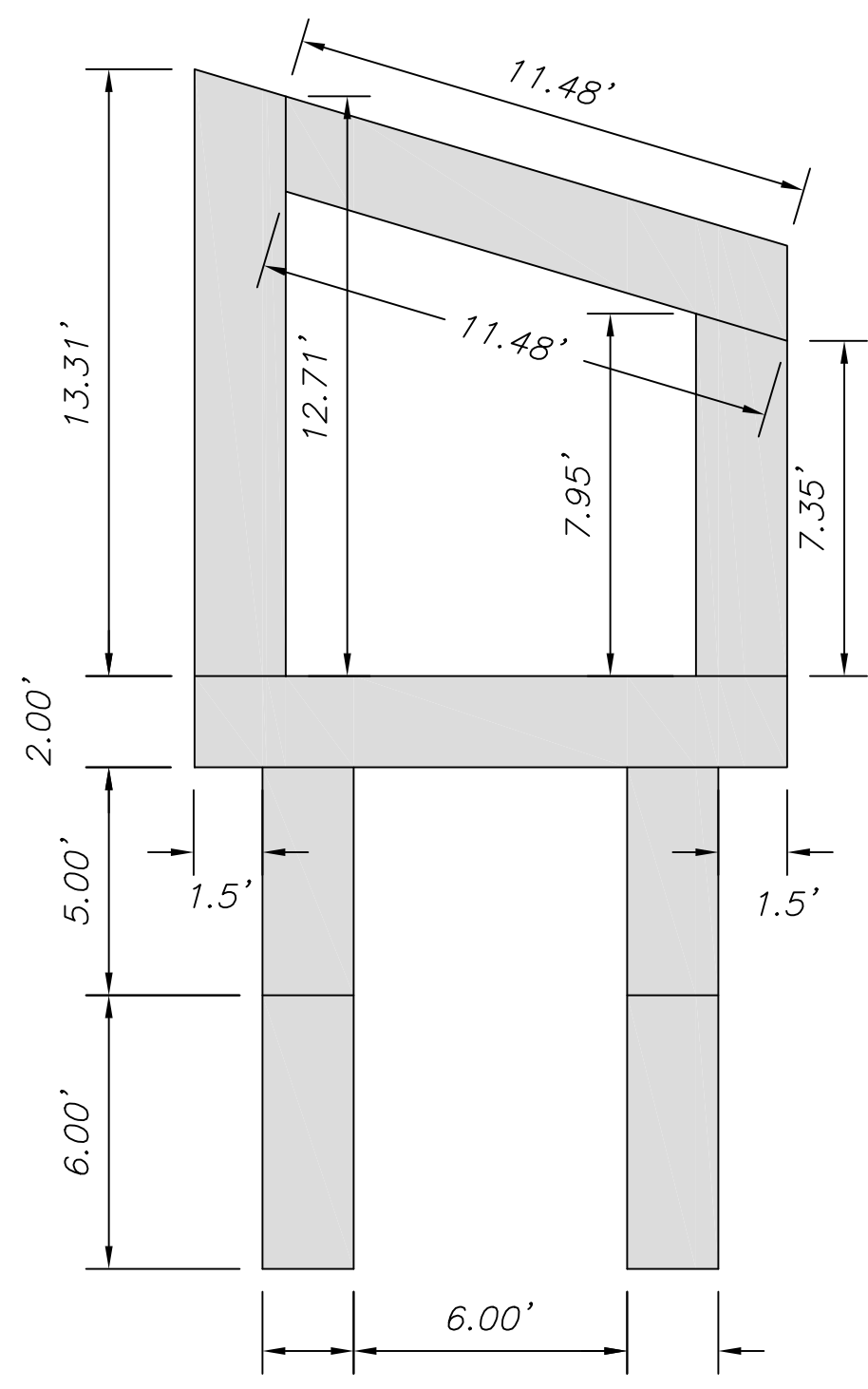
1ST ROW OF STONE



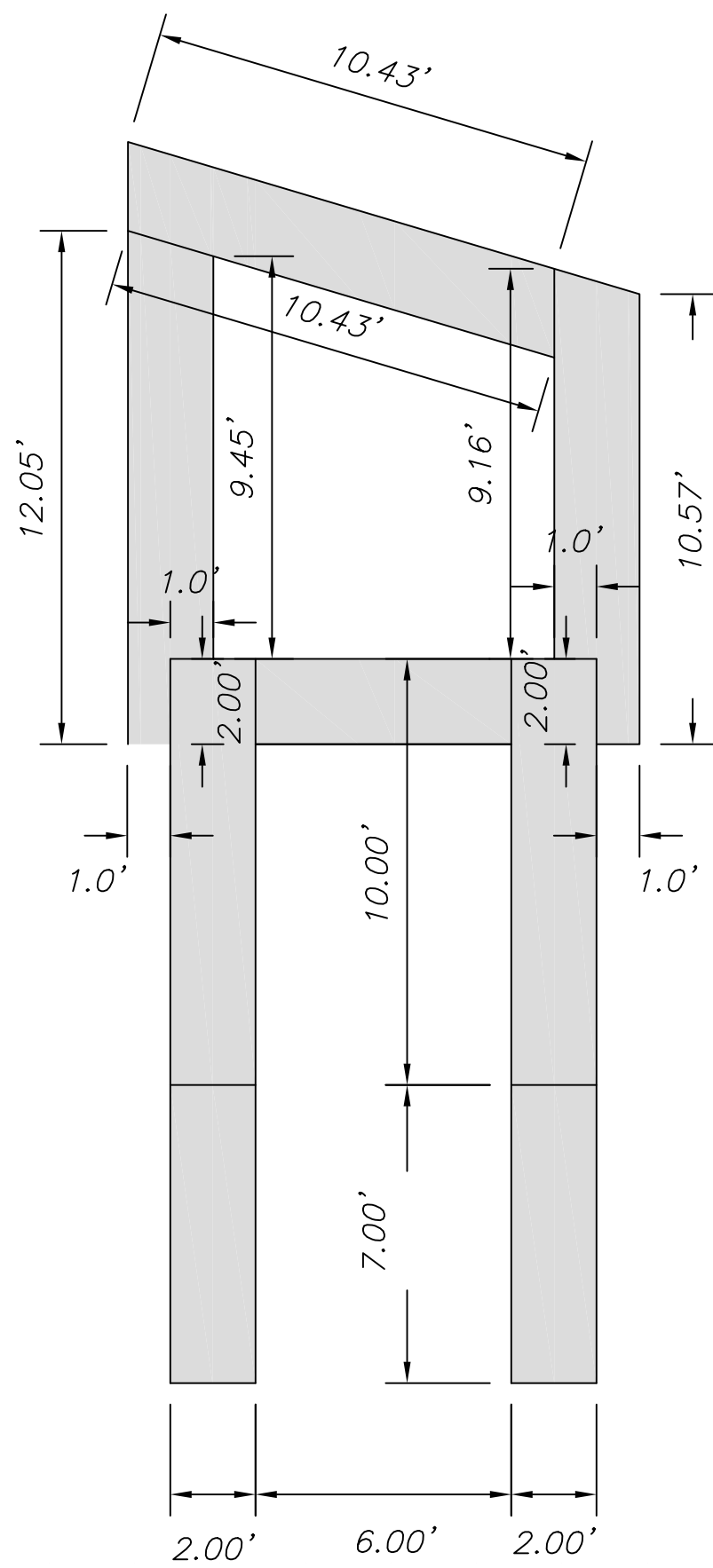
2ND ROW OF STONE



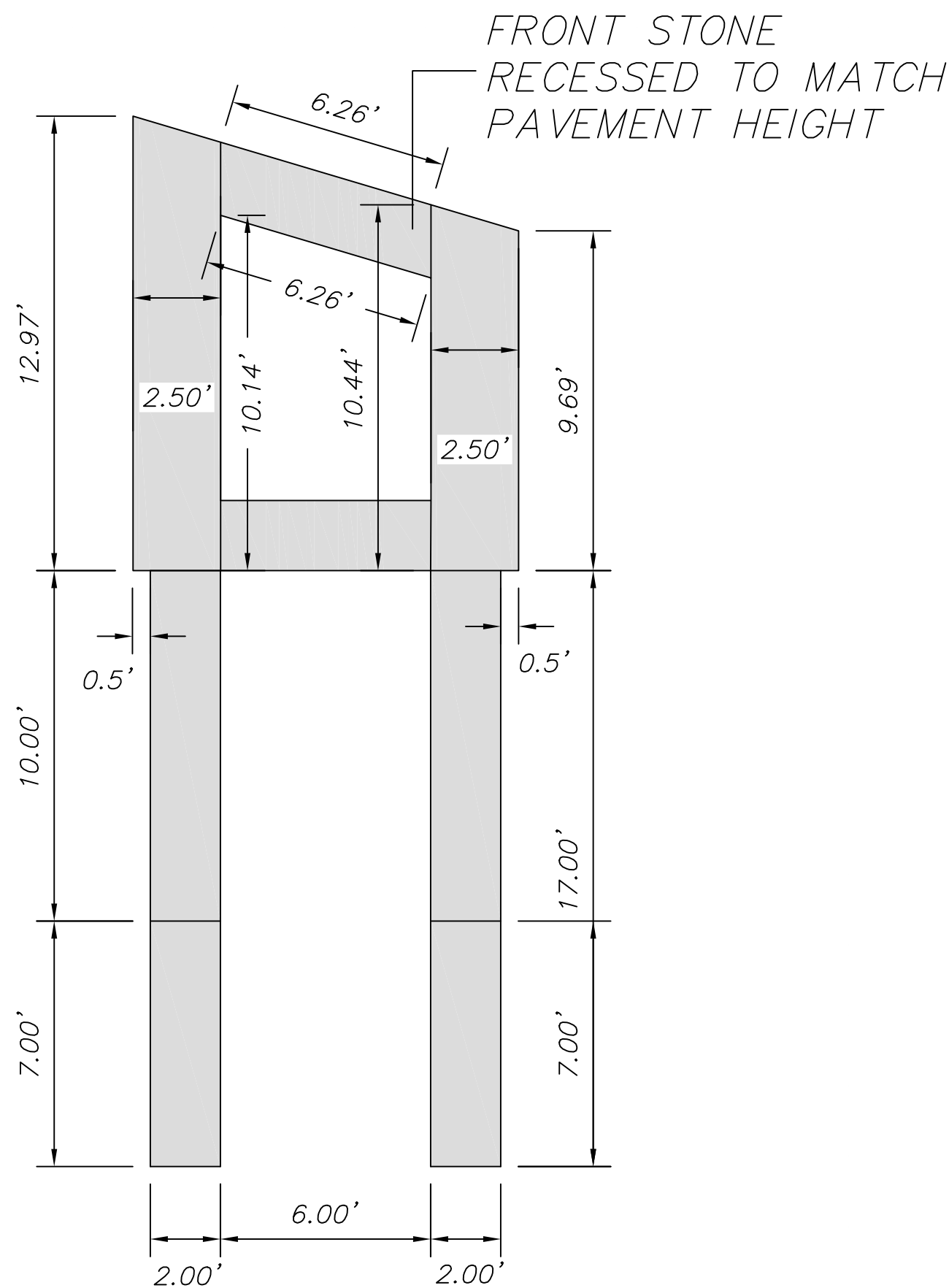
3RD ROW OF STONE



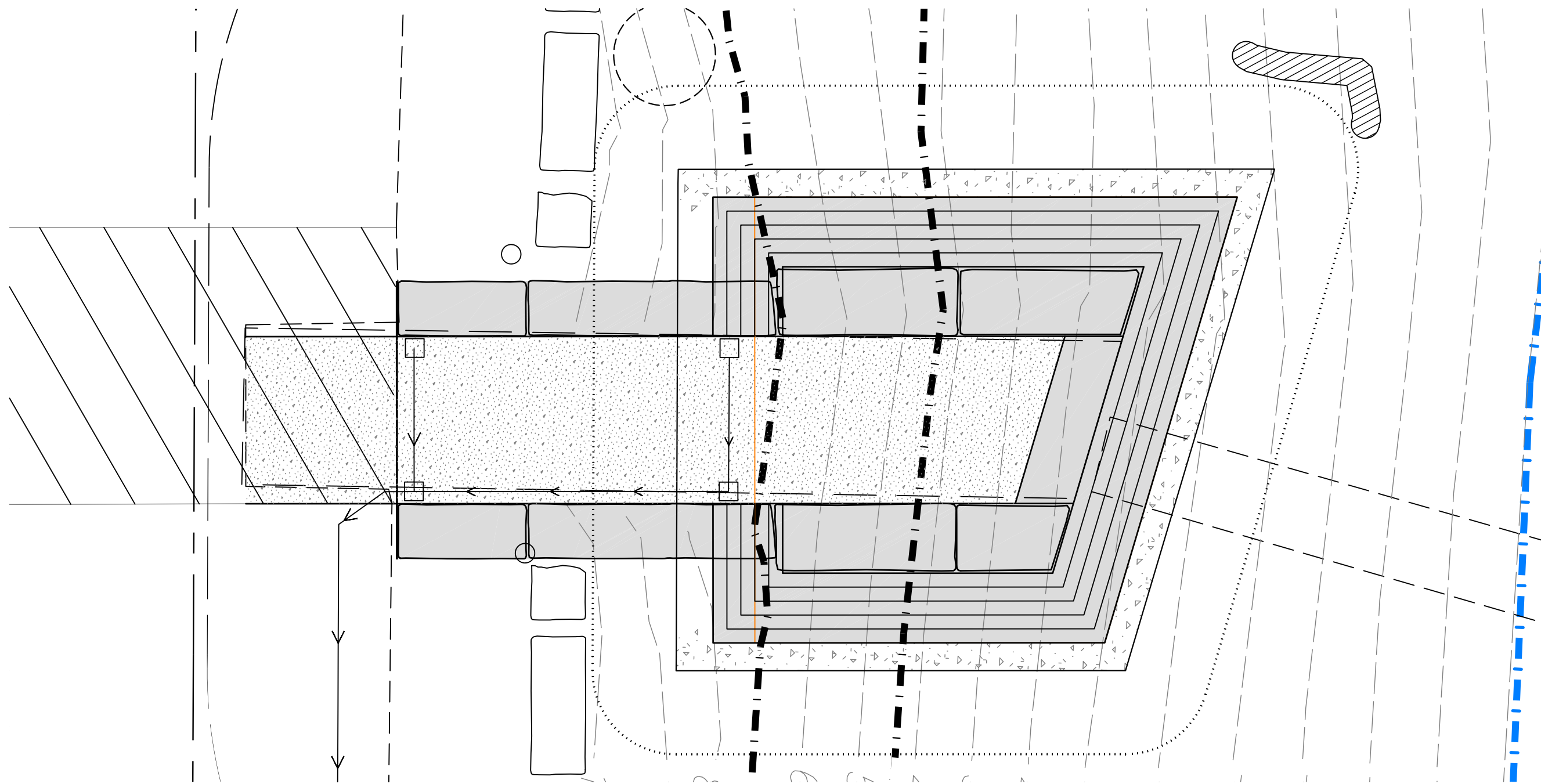
4TH ROW OF STONE



TOP ROW OF STONE



TOP ROW OF STONE



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207-244-1200



NOT FOR
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SIGNED
BID PLAN

TOWN OF MOUNT DESERT
NORTHEAST HARBOR
SOUTH ABUTMENT

DATE:
NOVEMBER 1, 2021

SCALE:
1" = 4'

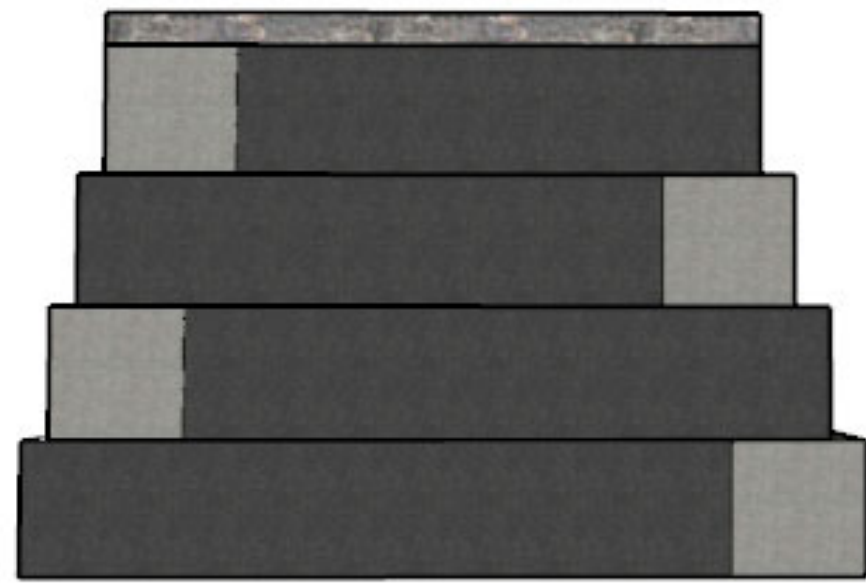
PROJECT ID #
C-0755

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FMV

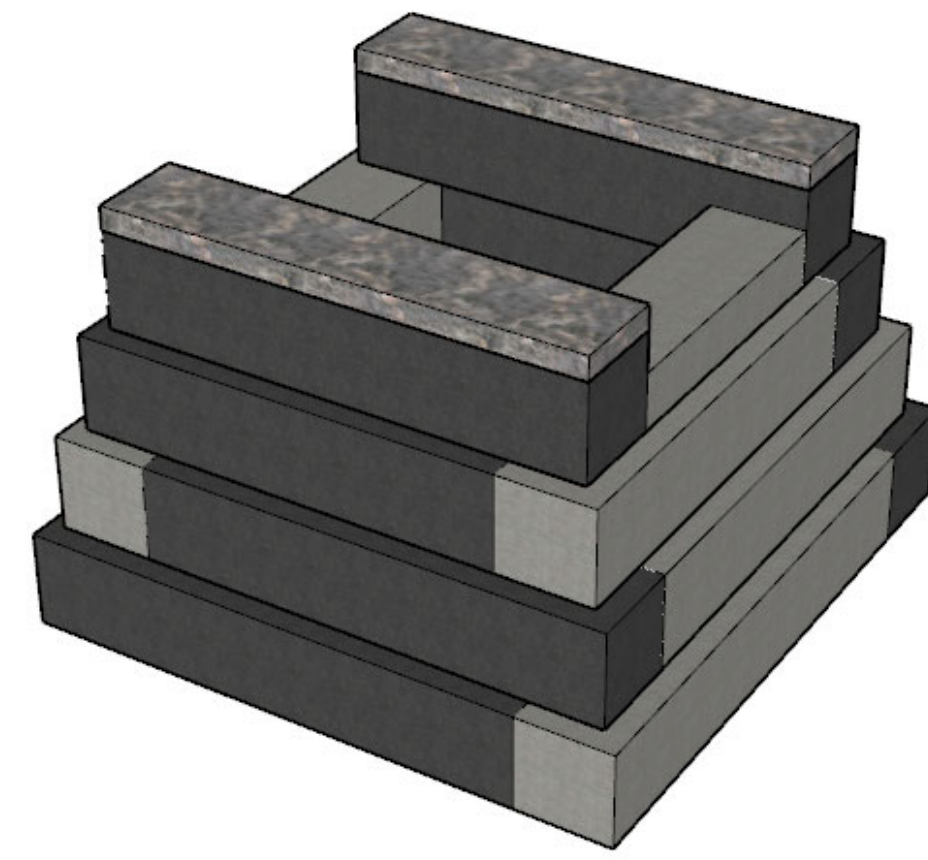
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GFJ

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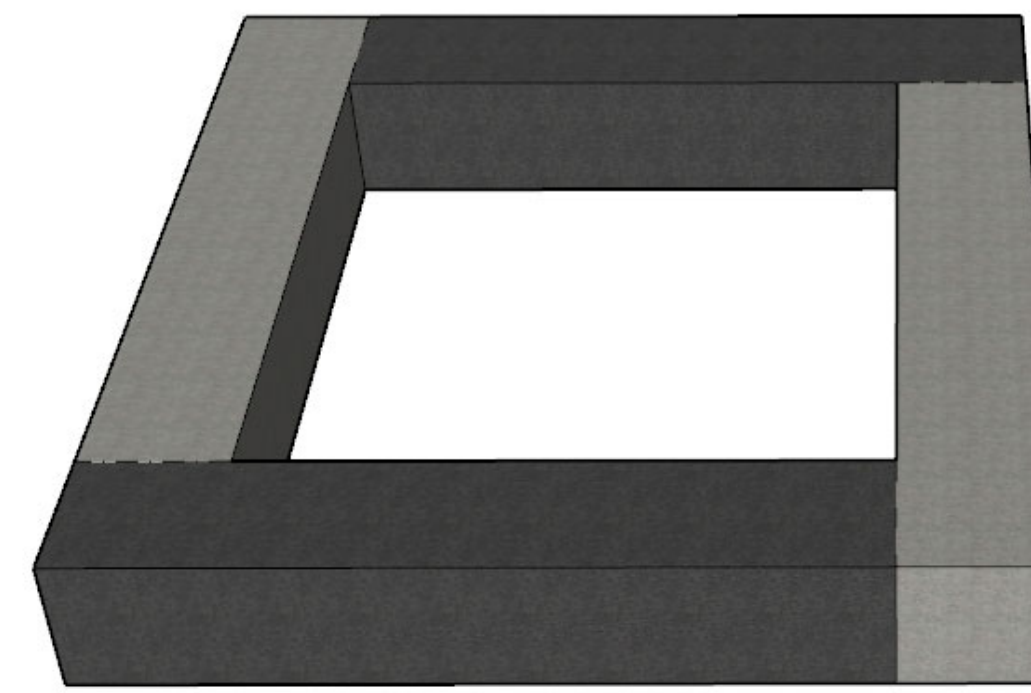
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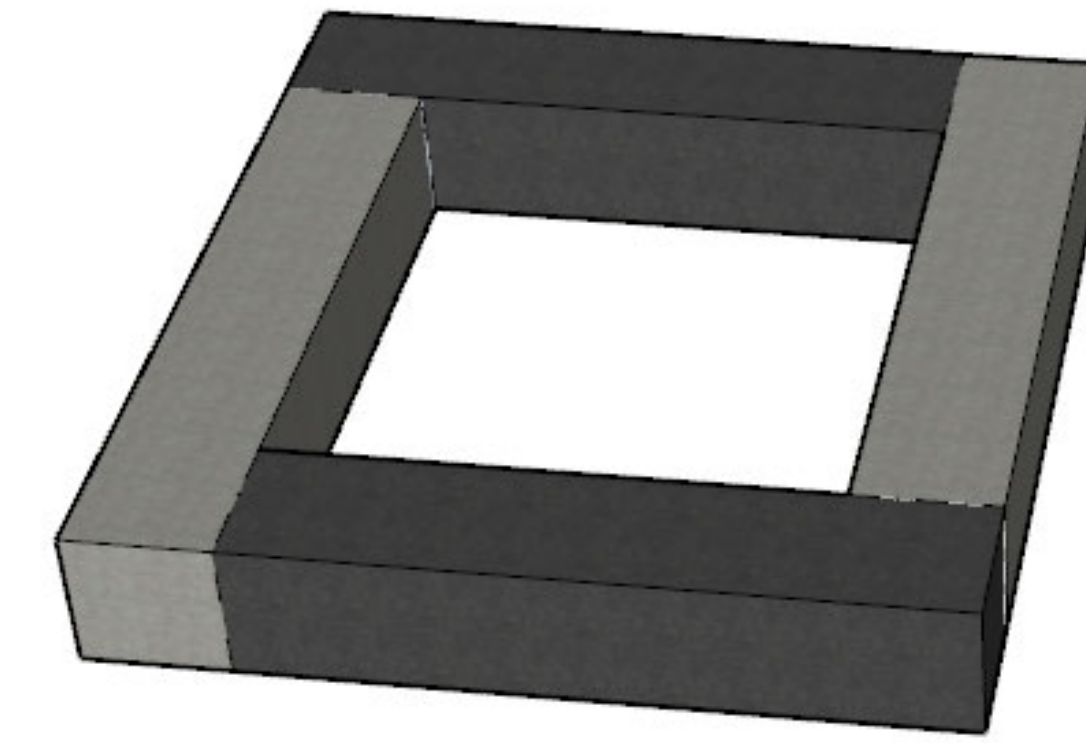
SIDE VIEW



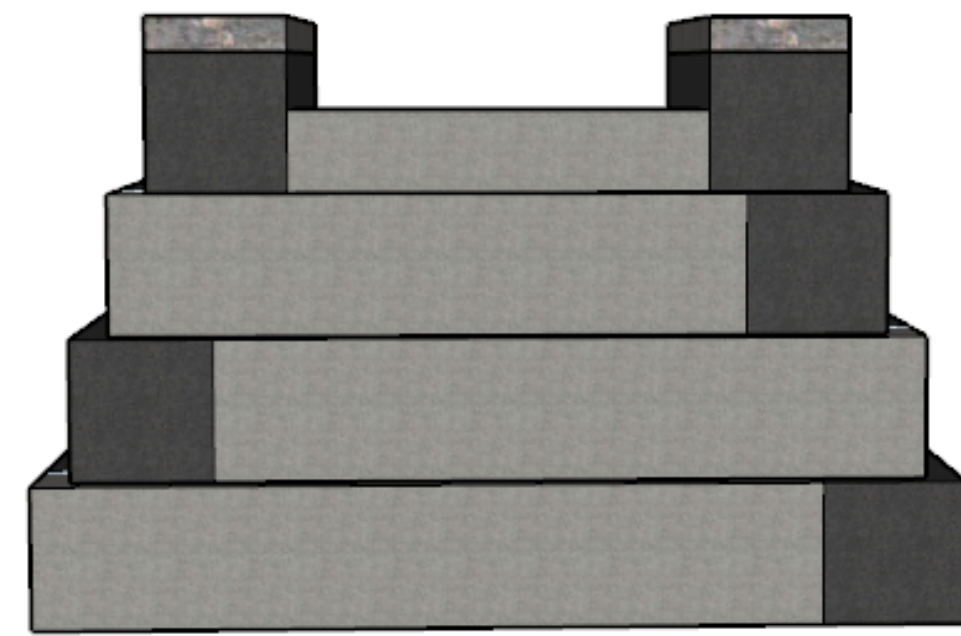
PERSPECTIVE VIEW



ROW 1



ROW 2



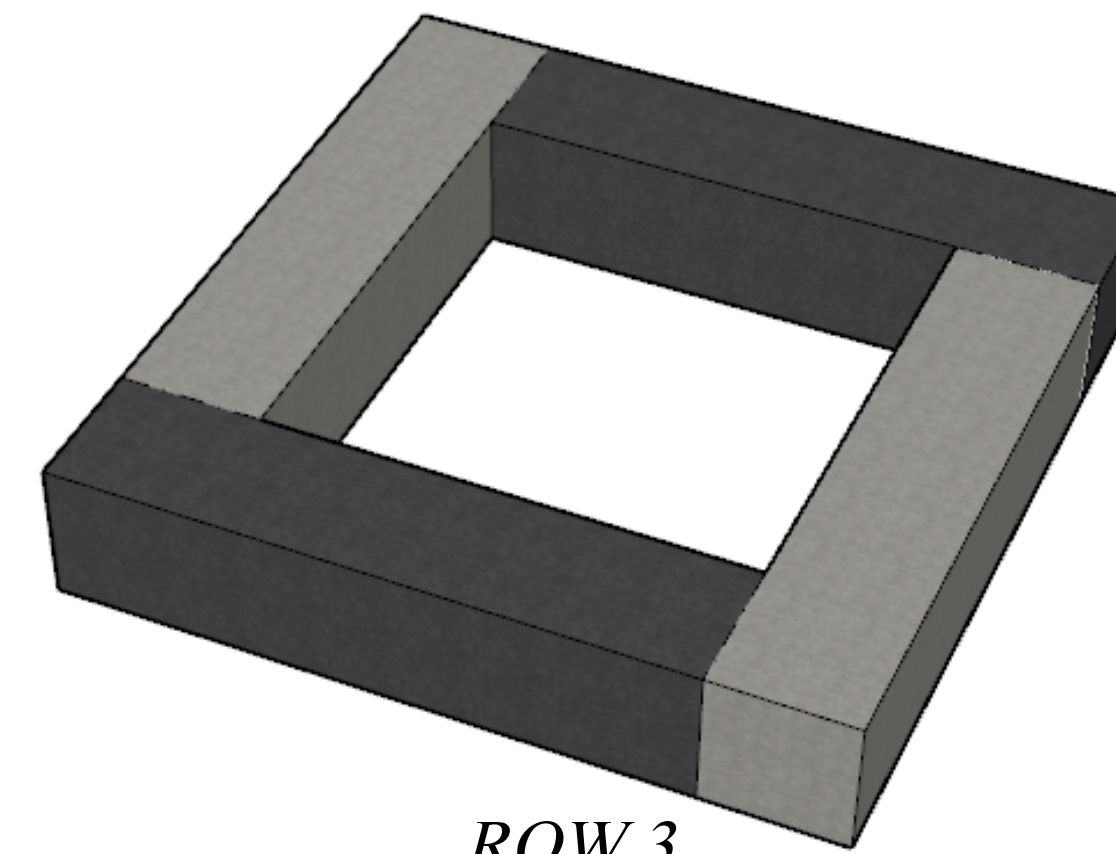
WATER VIEW

ROW 4

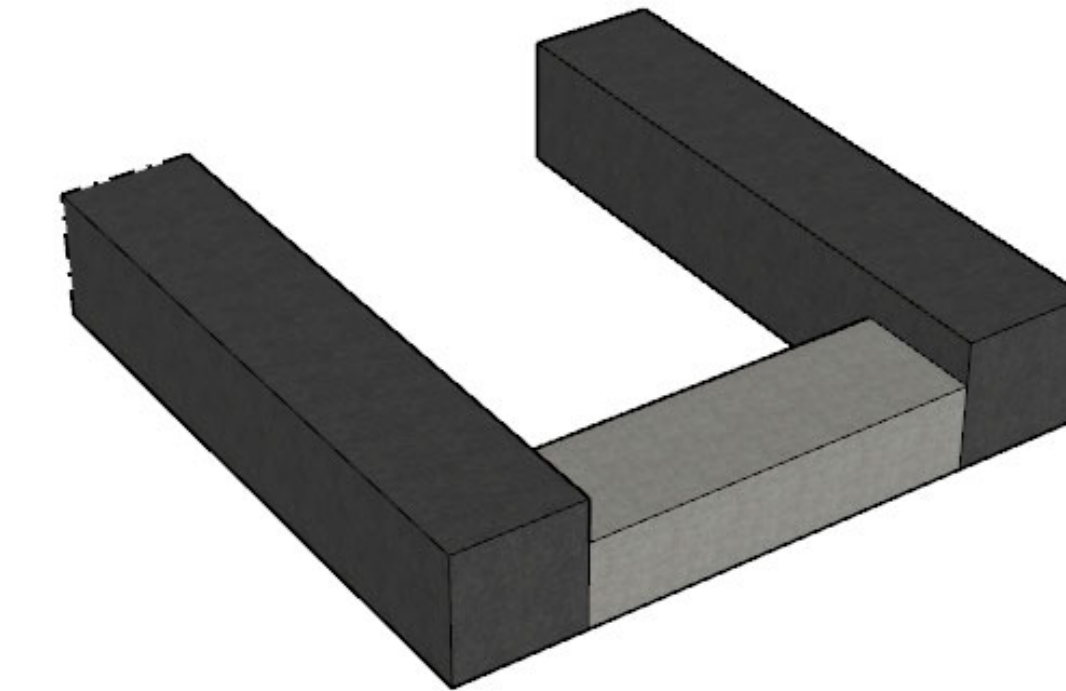
ROW 3

ROW 2

ROW 1

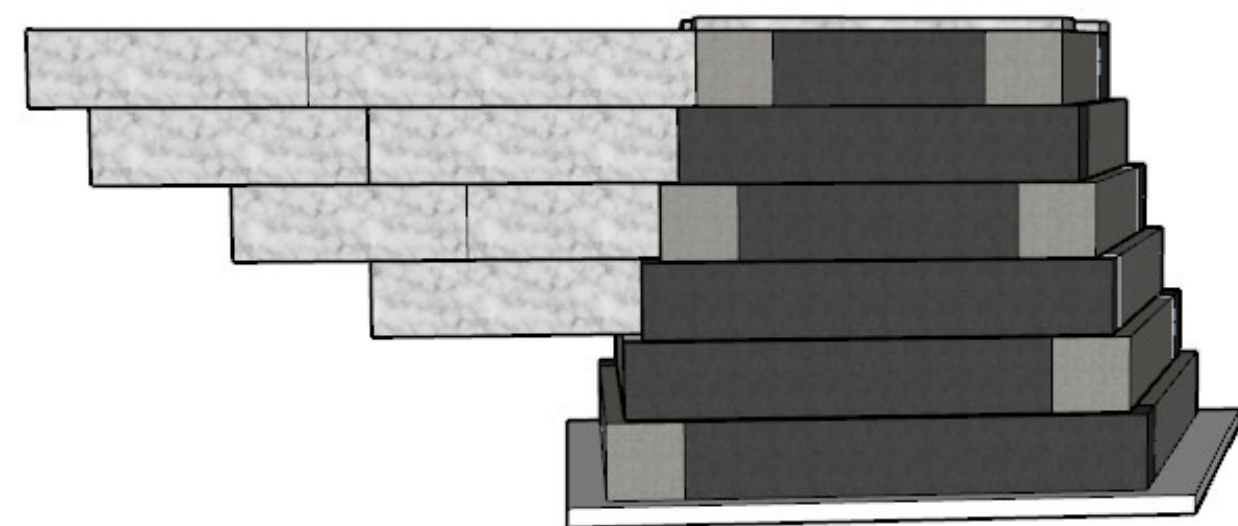


ROW 3

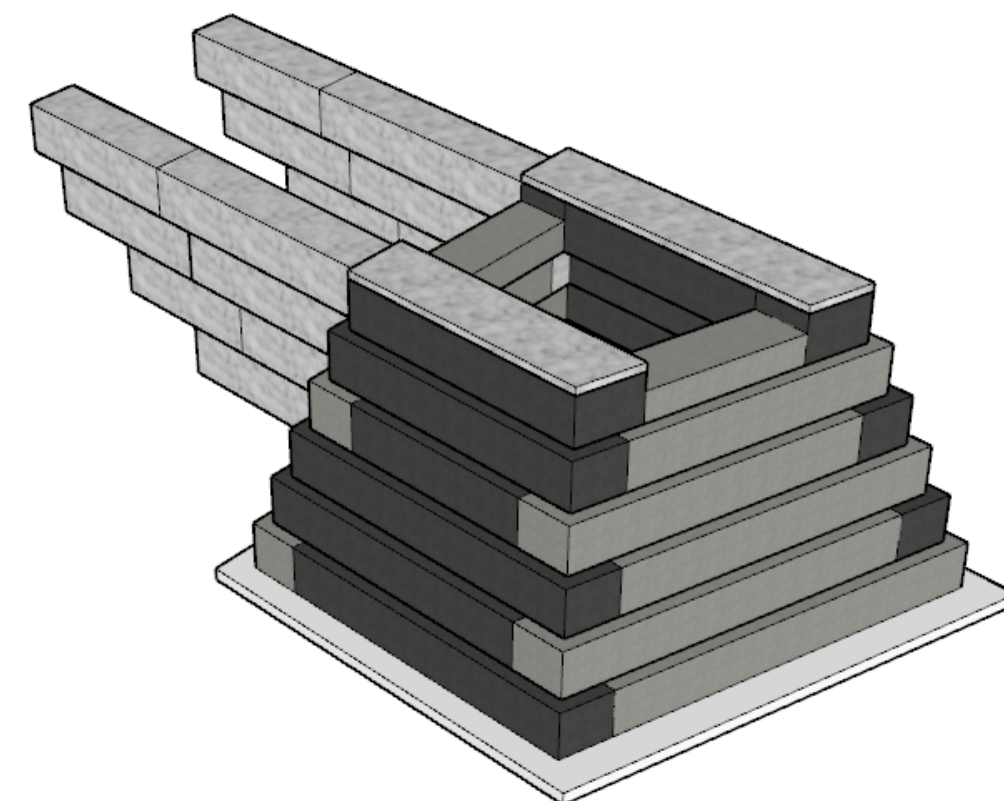


ROW 4

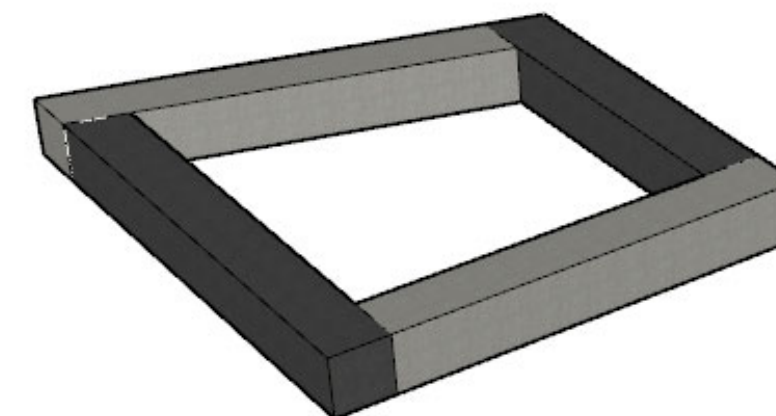
NORTH ABUTMENT



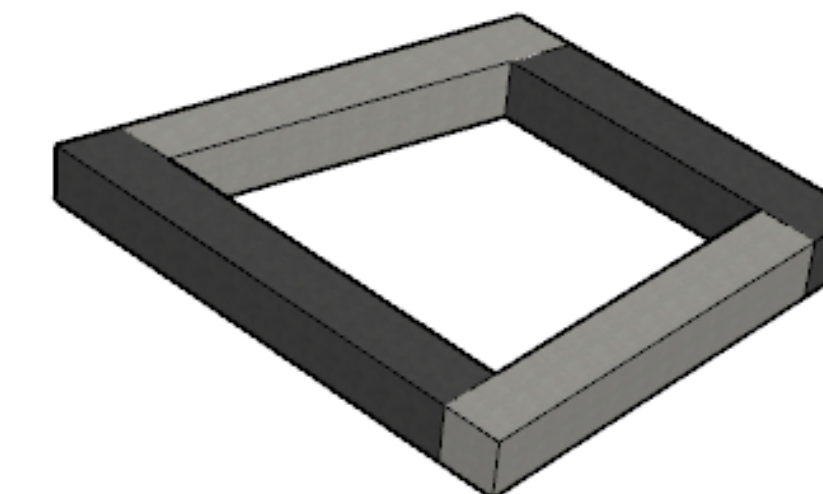
SIDE VIEW



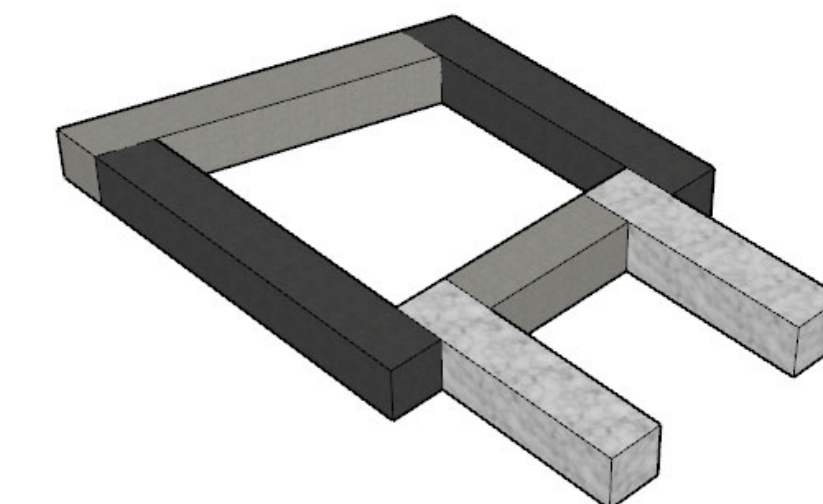
PERSPECTIVE VIEW



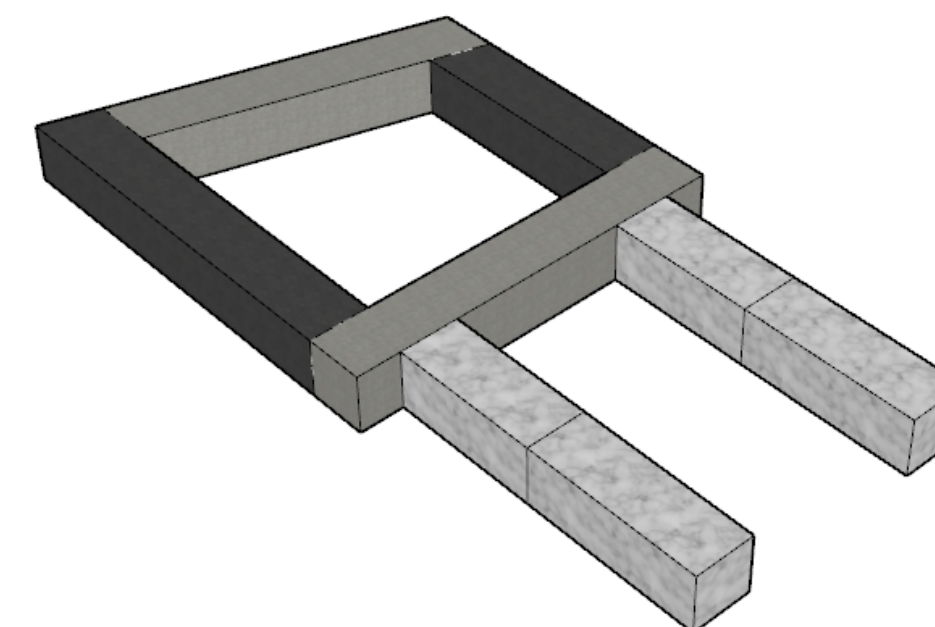
ROW 1



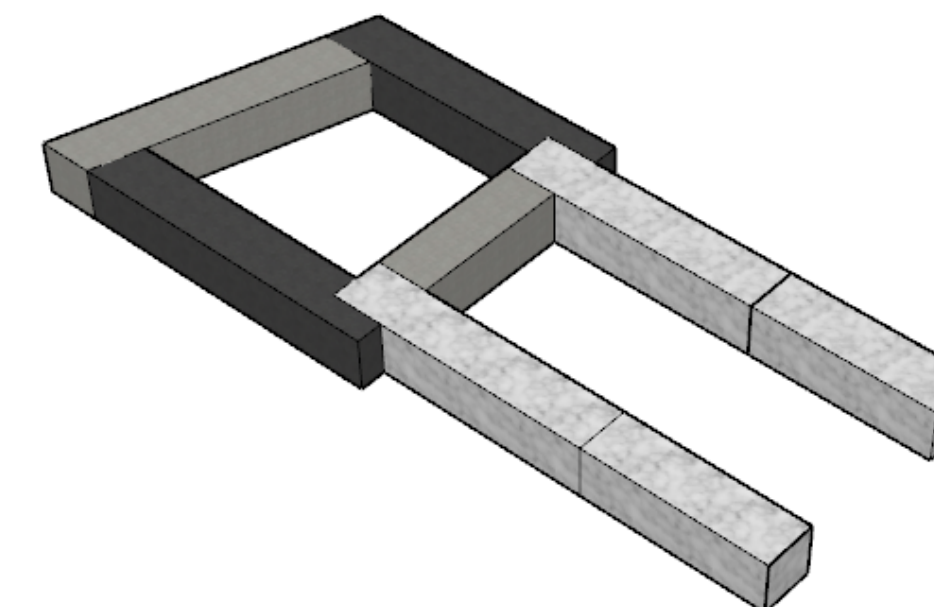
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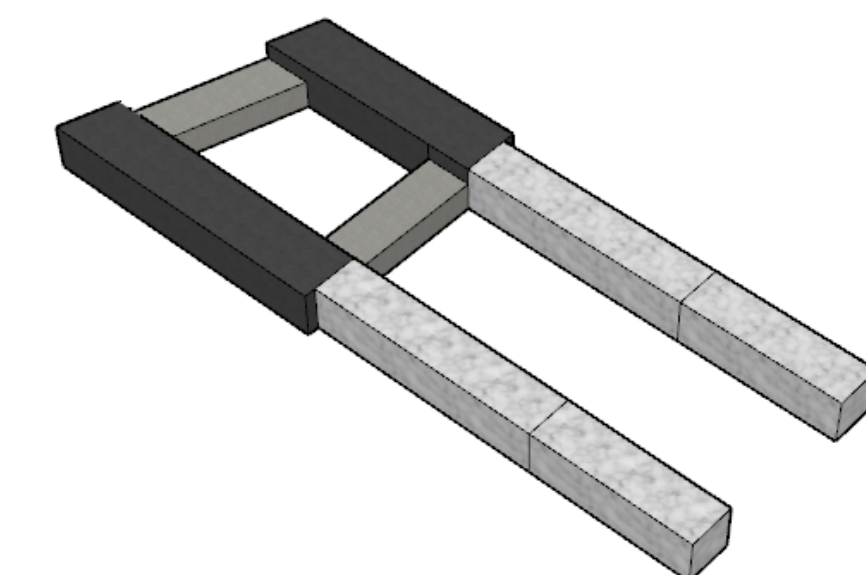
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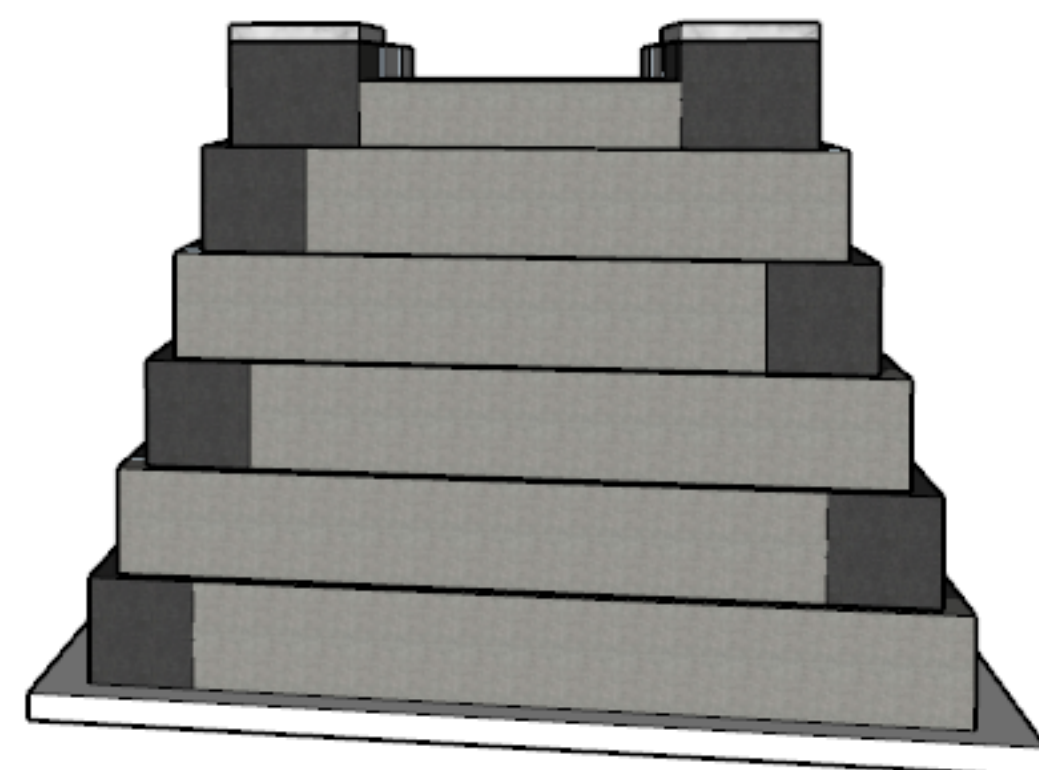
ROW 4



ROW 5



ROW 6



WATER VIEW

ROW 6

ROW 5

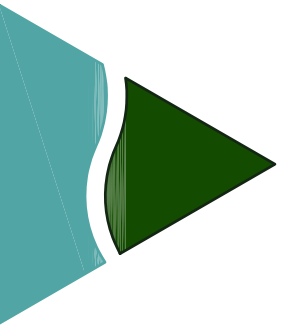
ROW 4

ROW 3

ROW 2

ROW 1

SOUTH ABUTMENT



NOT FOR
CONSTRUCTION
IF ENGINEERS
SEAL NOT
AFFIXED AND
SIGNED
BID PLAN

TOWN OF MOUNT DESERT
NORTHEAST HARBOR

NORTH AND SOUTH ABUTMENT

DATE:
NOVEMBER 1, 2021

SCALE:
1" = 4'

PROJECT ID #
C-0755

DRAWN BY:
FMV

CHECKED BY:

SHEET NO:

C5

BRACING DETAIL EVERY OTHER ROW
SCALE: N.T.S.

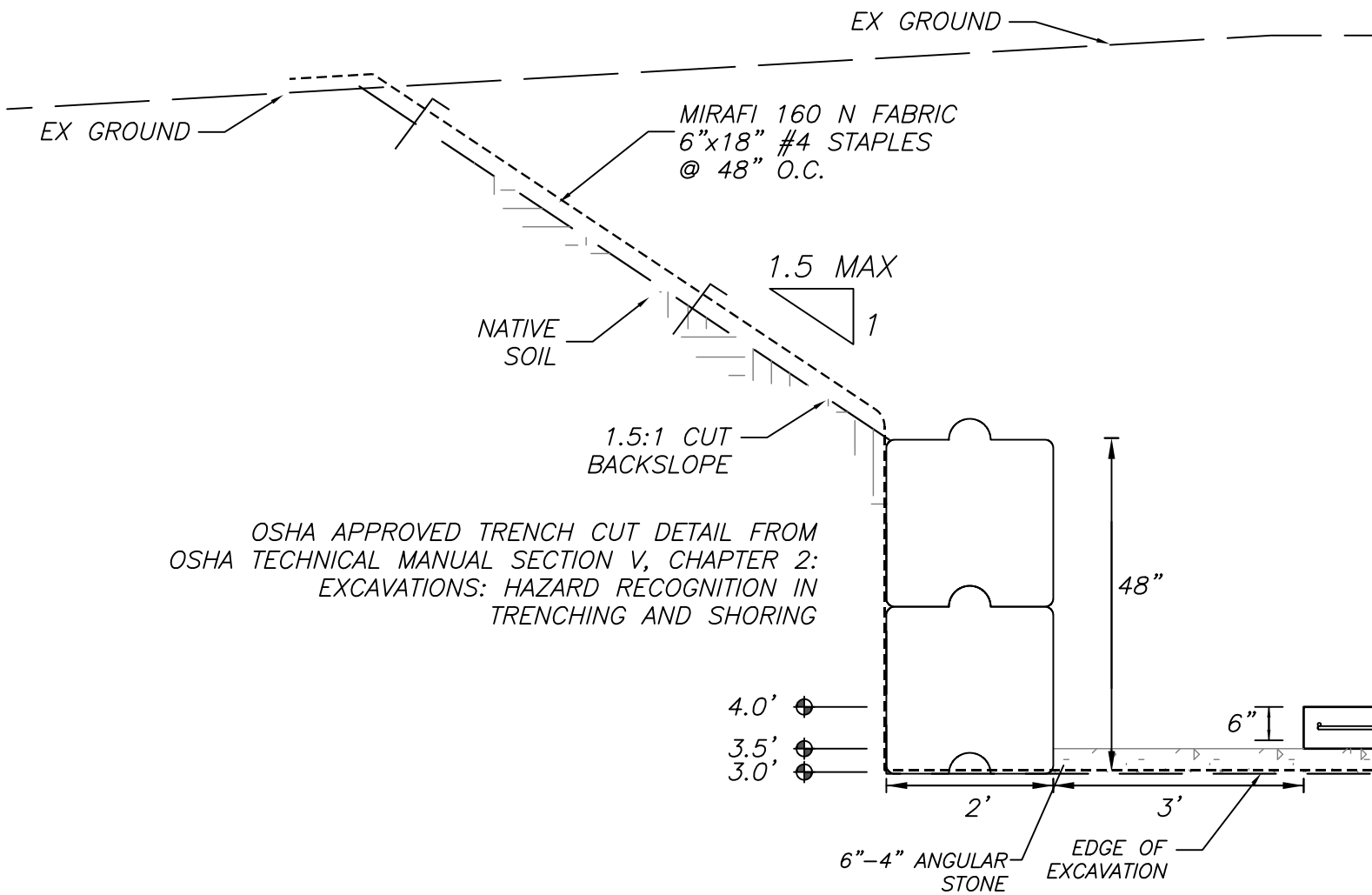
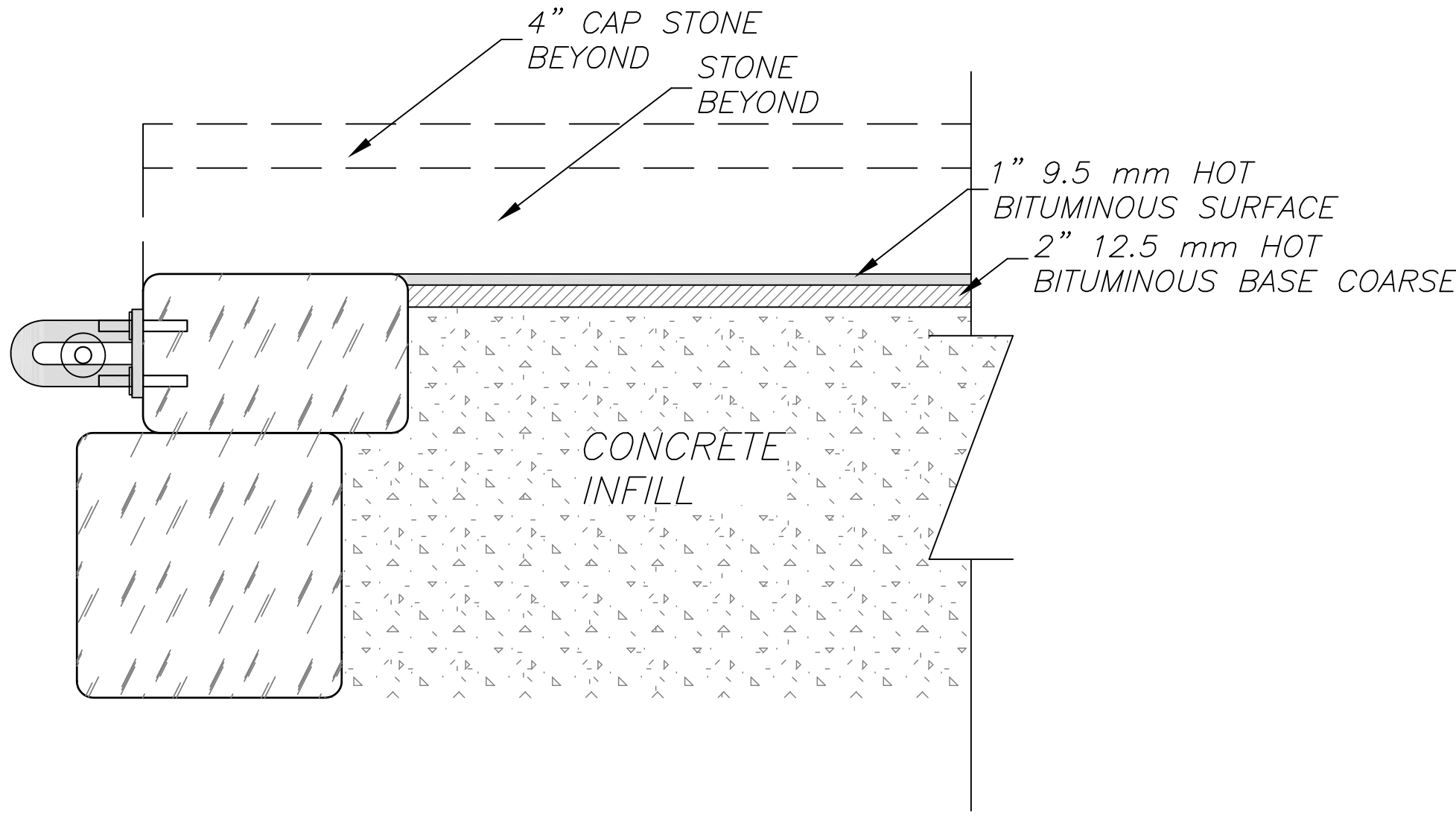
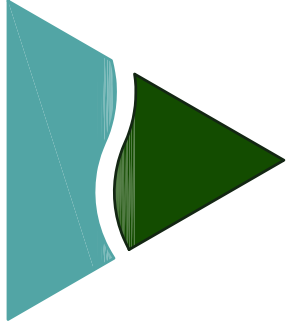
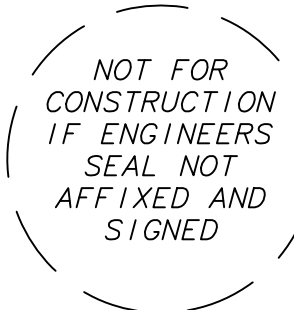
PINNING DETAIL
SCALE: N.T.S.

NORTH SLAB
SCALE: 1" = 2'

SOUTH SLAB
SCALE: 1" = 3'

NORTH SECTION A-A
SCALE: 1" = 2'

SOUTH SECTION B-B
SCALE: 1" = 3'

 <p>EX GROUND</p> <p>MIRAFI 160 N FABRIC 6"x18" #4 STAPLES @ 48" O.C.</p> <p>1.5 MAX 1</p> <p>NATIVE SOIL</p> <p>1.5:1 CUT BACKSLOPE</p> <p>OSHA APPROVED TRENCH CUT DETAIL FROM OSHA TECHNICAL MANUAL SECTION V, CHAPTER 2: EXCAVATIONS: HAZARD RECOGNITION IN TRENCHING AND SHORING</p> <p>48"</p> <p>4.0' 3.5' 3.0'</p> <p>2' 3'</p> <p>6"-4" ANGULAR STONE</p> <p>EDGE OF EXCAVATION</p>	 <p>4" CAP STONE BEYOND</p> <p>STONE BEYOND</p> <p>1" 9.5 mm HOT BITUMINOUS SURFACE</p> <p>2" 12.5 mm HOT BITUMINOUS BASE COARSE</p> <p>CONCRETE INFILL</p>		<div></div> <div><p>G.F. Johnston & Associates Consulting Civil Engineers P.O. Box 197 Southwest Harbor, Maine 04679 207-244-1200</p></div>
<p>OSHA EXCAVATION DETAIL SCALE: 1/4" = 1'</p>	<p>PAVING DETAIL SCALE: N.T.S.</p>		<div></div>
			<div><p>TOWN OF MOUNT DESERT NORTHEAST HARBOR</p><p>ABUTMENT DETAILS</p></div>
			<div><p>DATE: NOVEMBER 1, 2021</p><p>SCALE: 1" = 4'</p><p>PROJECT ID # C-0755</p><p>DRAWN BY: FMV</p><p>CHECKED BY:</p><p>SHEET NO: C7</p></div>



EX END OF NORTH PIER



EX NORTH PIER
CONNECTION



EX BASE OF
NORTH PIER

NORTH ABUTMENT

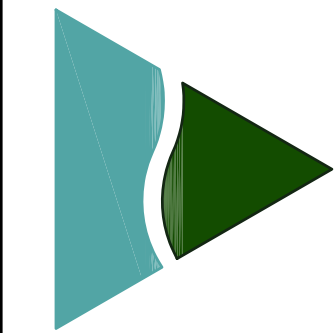


EX SOUTH LAND
CONNECTION



EX END OF
SOUTH PIER

SOUTH ABUTMENT



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TOWN OF MOUNT DESERT
NORTHEAST HARBOR
EXISTING CONDITIONS
PHOTOS

DATE:
NOVEMBER 1, 2021

SCALE:

PROJECT ID #
C-0755

DRAWN BY:
FMV

CHECKED BY:
GFJ

SHEET NO:
C8