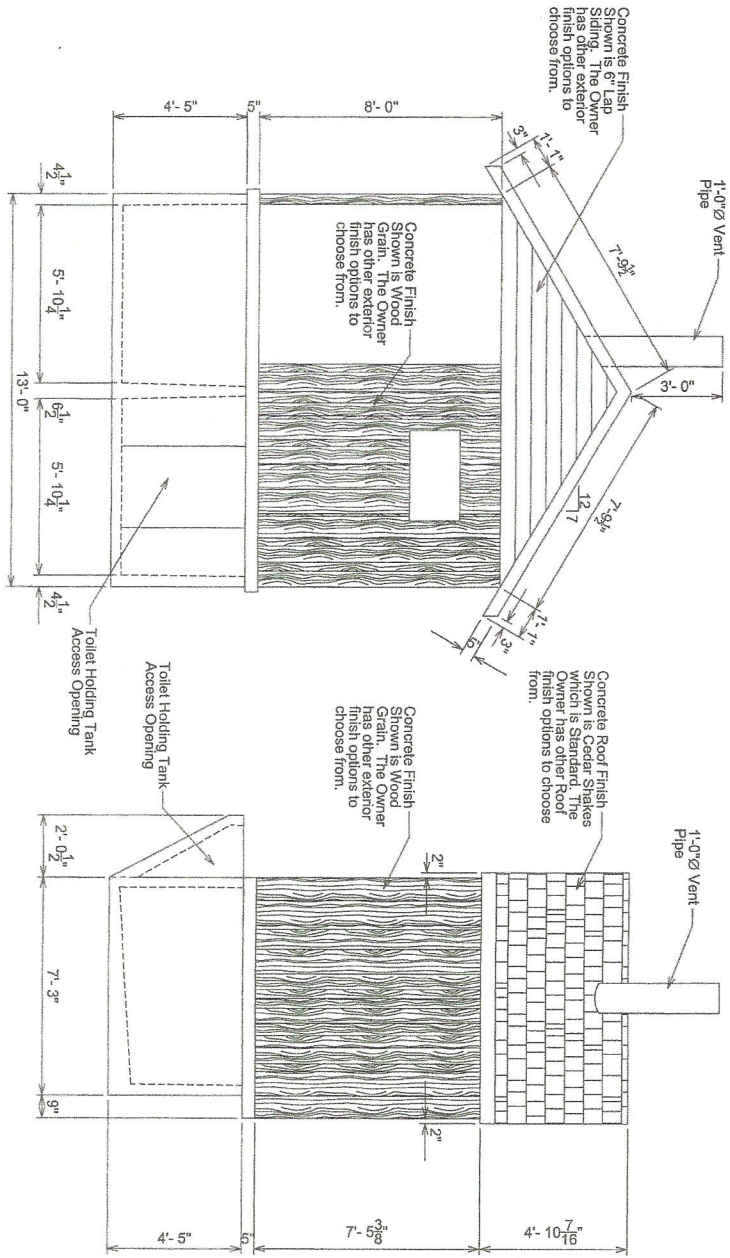


- PLAN NOTES**
1. The Manufacturer will place interior vent wall using a High Performance Polyurethane Sealant. This will attach the wall to the exterior walls and also seal the toilet room from odors.
 2. The interior ceiling is placed and then sealed from the interior using a High Performance Polyurethane Sealant.
 3. The Manufacturer will place CS-665 CONSEAL around the top of the wall of the holding tank prior to placing the floor and walls of the Clovemist Plus (Right Hand Through) Toilet.
 4. The Manufacturer will place CS-665 CONSEAL around the top of the wall of the Toilet Room prior to placing the roof assembly of the Clovemist Plus (Right Hand Through) Toilet.
 5. The Manufacturer will place the roof vent stack using a square flange a High Performance Polyurethane Sealant around the outside perimeter.

- GENERAL NOTES**
- A. GOVERNING CODES**
1. INTERNATIONAL BUILDING CODE (IBC), 2012 AND 2015 EDITIONS
 2. BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 318-14
- B. DESIGN LOADS AND CRITERIA**
1. ROOF: 350 PSF SNOW LOAD (MINIMUM)
 2. FLOOR: 400 PSF LIVE LOAD (MINIMUM)
 3. WIND: 150 MPH, (3 SECOND GUST) EXPOSURE C
 4. SEISMIC CRITERIA GROUP 1, CATEGORY E
 5. CONCRETE STRENGTH 4,500 PSI (MINIMUM) IN 28 DAYS
 6. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60
 7. PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCING AT POSITIONS SHOWN ON THE DRAWINGS.



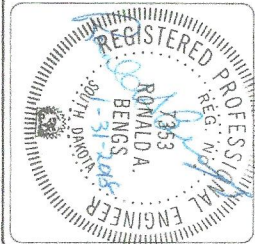
<p>INTERSTATE ENGINEERING Professionals you need, people you trust.</p>	<p>Interstate Engineering, Inc. P.O. Box 226 123 E. Jackson Blvd. Suite 1 Spearfish, S.D., 57783 Ph (605) 642-4772 Fax (605) 642-4773 www.interstateeng.com</p>	<p>BOOM CLOVEMIST PLUS (RIGHT HAND THROUGH) For: BOOM CONCRETE, INC. 220 Girard Avenue, P.O. Box 437, Newell, SD 57760</p>	<p>FLOOR PLAN AND NOTES</p>	<table border="1"> <thead> <tr> <th>Rev. No.</th> <th>Date</th> <th>By</th> <th>Description</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Rev. No.	Date	By	Description																
	Rev. No.	Date	By	Description																				
<p>Sheet Number: 1</p>	<p>Drawn By: A/JD Checked By: RAB</p>	<p>Surveyed By: _____ Designed By: A/JD</p>	<p>Project No: 17-04-213.01 Date: JANUARY 31, 2018</p>																					



REAR ELEVATION
Scale 1/4"=1'-0"

SIDE ELEVATION
Scale 1/4"=1'-0"

- NOTES:
1. THE EXTERIOR FINISH SHOWN IS WOOD GRAIN AND 6" LAP SIDING, BUT OTHER FINISH TYPES ARE AVAILABLE AS OPTIONS.
 2. THE EXTERIOR ROOF FINISH SHOWN IS CEDAR SHAKES, BUT OTHER ROOF FINISH TYPES ARE AVAILABLE AS OPTIONS.
 3. HOLDING TANK CAPACITY IS 165.2 c.f. = 1235.7 gallons



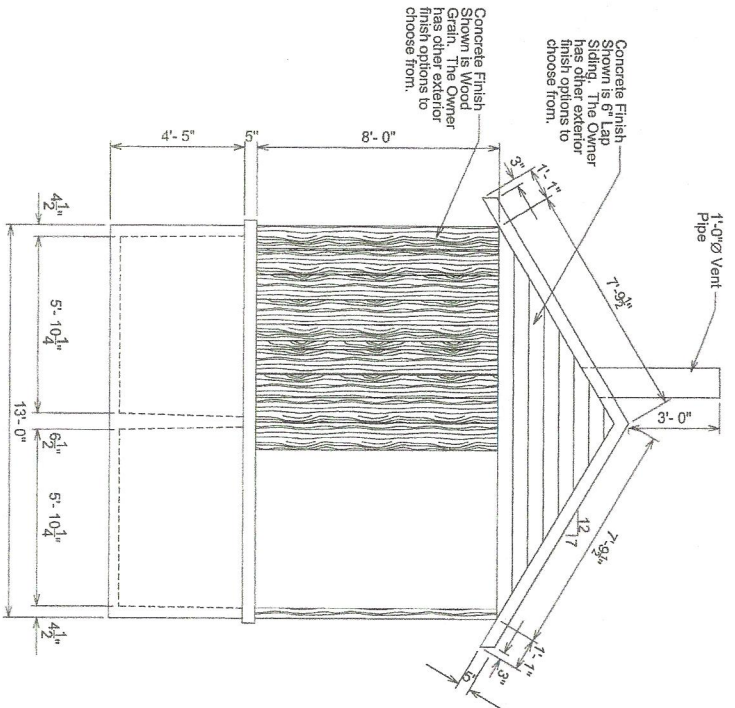
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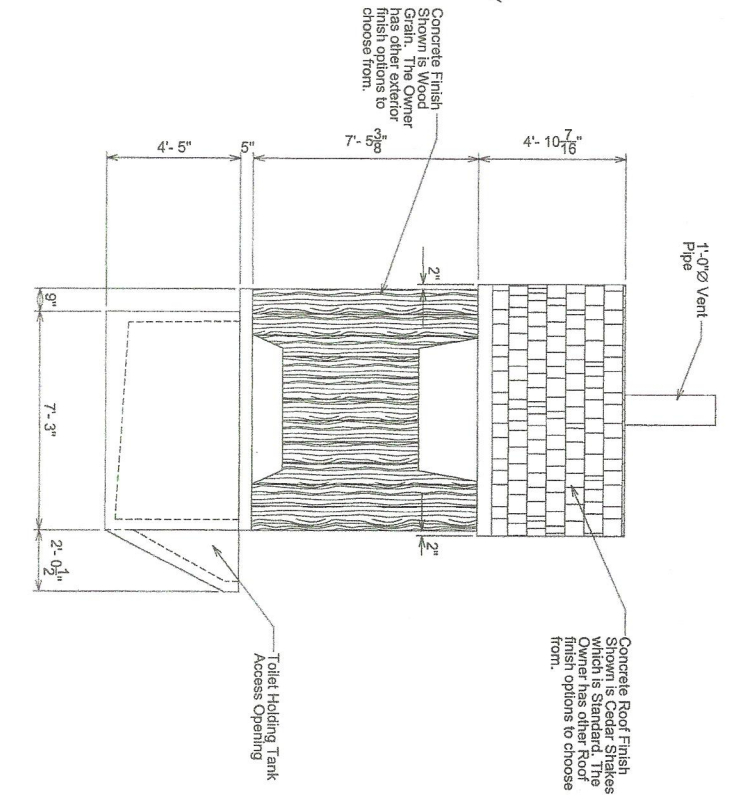
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BOOM CLOVERMIST PLUS (RIGHT HAND THROUGH) For: BOOM CONCRETE, INC. 220 Girard Avenue, P.O. Box 437, Newell, SD 57760			
ELEVATIONS			
Drawn By: AJD	Surveyed By: -	Project No: L17-04-213.01	
Checked By: RAB	Designed By: AJD	Date: January 31, 2018	

Rev. No.	Date	By	Description

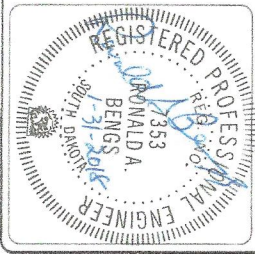


FRONT ELEVATION
Scale 1/4"=1'-0"

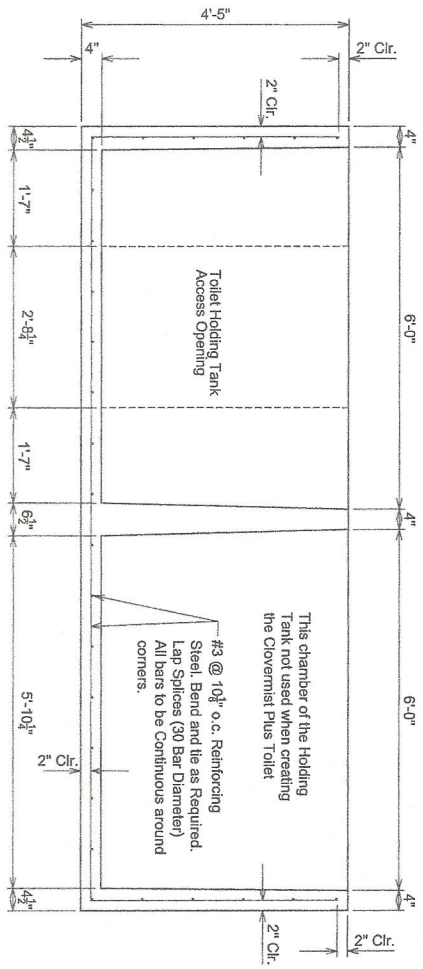


SIDE ELEVATION
Scale 1/4"=1'-0"

- NOTES:**
1. THE EXTERIOR FINISH SHOWN IS WOOD GRAIN AND 6" LAP SIDING. BUT OTHER FINISH TYPES ARE AVAILABLE AS OPTIONS.
 2. THE EXTERIOR ROOF FINISH SHOWN IS CEDAR SHAKES. BUT OTHER ROOF FINISH TYPES ARE AVAILABLE AS OPTIONS.
 3. HOLDING TANK CAPACITY IS 165.2 c.f. = 1235.7 gallons

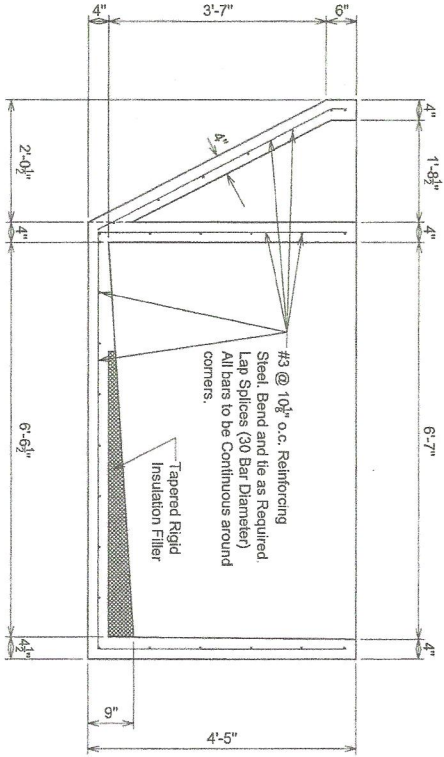


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	Rev. No.	Date	By	Description															
Sheet Number: 3	ELEVATIONS Drawn By: <u>AJD</u> Surveyed By: <u> </u> Project No: <u>L17-04-213.01</u> Checked By: <u>RAB</u> Designed By: <u>AJD</u> Date: <u>JANUARY 31, 2018</u>																		



HOLDING TANK SECTION 1

Scale 1/2"=1'-0"



HOLDING TANK SECTION 2

Scale 1/2"=1'-0"

- Notes:**
- 1 This Holding Tank is shown with a Liner.
 2. If the Liner Option is not used the rigid insulation is removed and replaced with concrete.

HOLDING TANK NOTES

1. THE MANUFACTURER HAS SUPPLIED AN E.P.A. APPROVED LINER IN THE HOLDING TANK. THIS LINER IS CAST INTO THE TANK. THE LINER IS AN OPTION FOR ALL TOILET ASSEMBLIES. CONTACT THE MANUFACTURER.
2. HOLDING TANK CAPACITY IS 165.2 c.f. = 1235.7 gallons.
3. PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCING AT POSITIONS SHOWN ON THE DRAWINGS.



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10

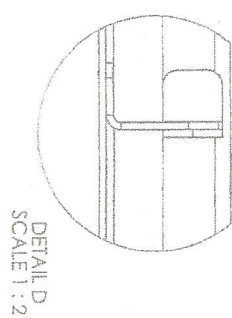
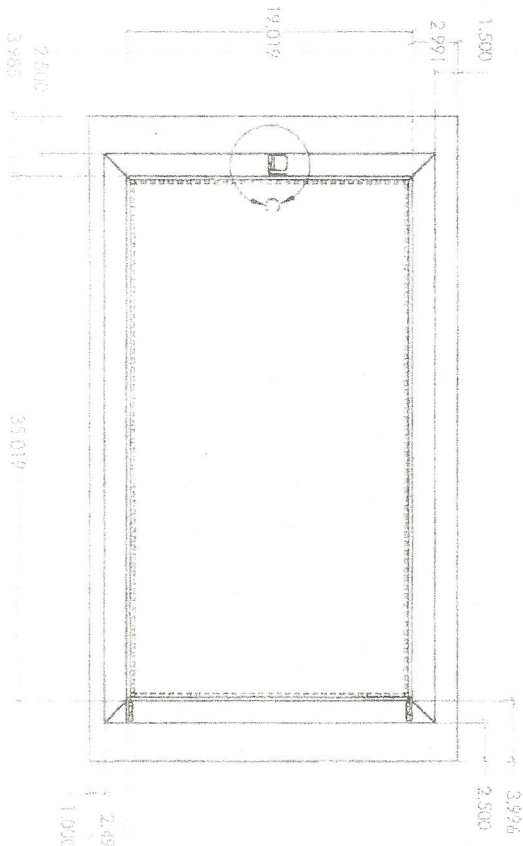
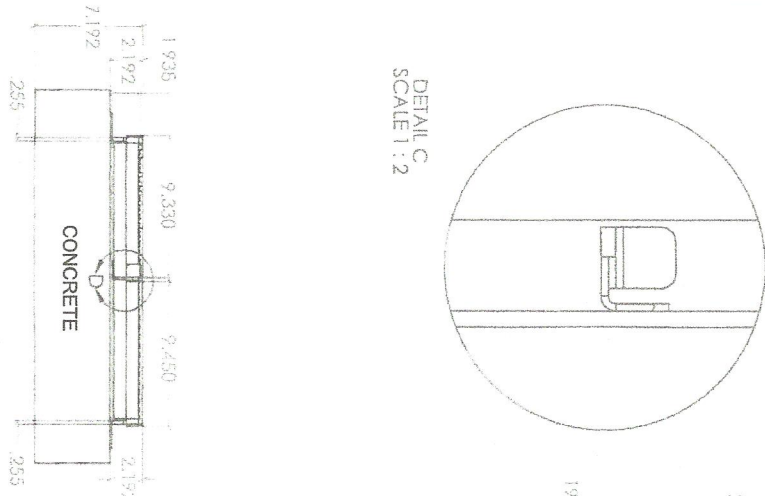


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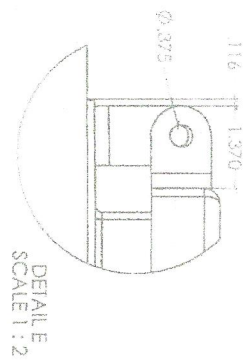
BOOM CLOVERMIST PLUS (RIGHT HAND THROUGH) For: BOOM CONCRETE, INC. 220 Girard Avenue, P.O. Box 437, Newell, SD 57760		
HOLDING TANK REINFORCEMENT LAYOUT		
Drawn By: <u>AJD</u>	Surveyed By: <u>-</u>	Project No: L17-04-213.01
Checked By: <u>RAB</u>	Designed By: <u>AJD</u>	Date: <u>JANUARY 31, 2018</u>

Rev. No	Date	By	Description

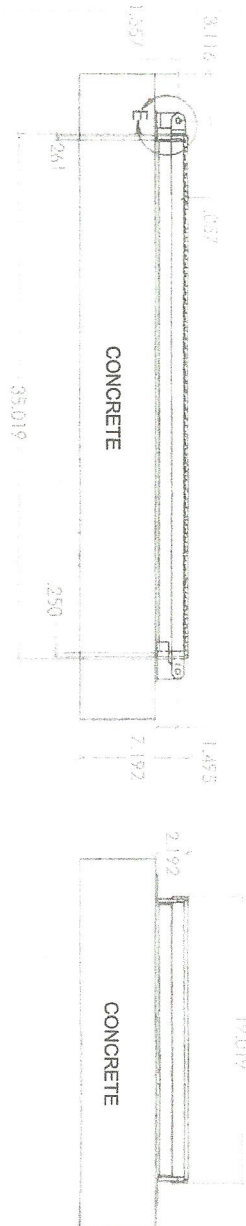
DETAIL C
SCALE 1:2



DETAIL D
SCALE 1:2



DETAIL E
SCALE 1:2

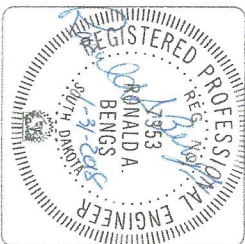


HOLDING TANK ACCESS LID

Scale N.T.S.

HOLDING TANK ACCESS LID NOTES

1. THE ACCESS LID IS MANUFACTURED BY MSI/TRUCATCH 300 INDUSTRIAL ST., BELLE FOURCHE, SD, 57717.
2. ALL METAL USED IN THE LID AND FRAME IS 304 STAINLESS STEEL.
3. THE GAUGE THICKNESS SHALL BE 7 GAUGE TO ALLOW FOR THE 350 PSF SNOW LOADING.



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BOOM CLOVERMIST PLUS (RIGHT HAND THROUGH)
For: BOOM CONCRETE, INC.
220 Girard Avenue, P.O. Box 437, Newell, SD 57760

HOLDING TANK ACCESS LID DETAILS

Drawn By: A.J.D.	Surveyed By: -	Project No: L17-04-213.01
Checked By: RAB	Designed By: A.J.D.	Date: January 31, 2018

Rev. No.	Date	By	Description