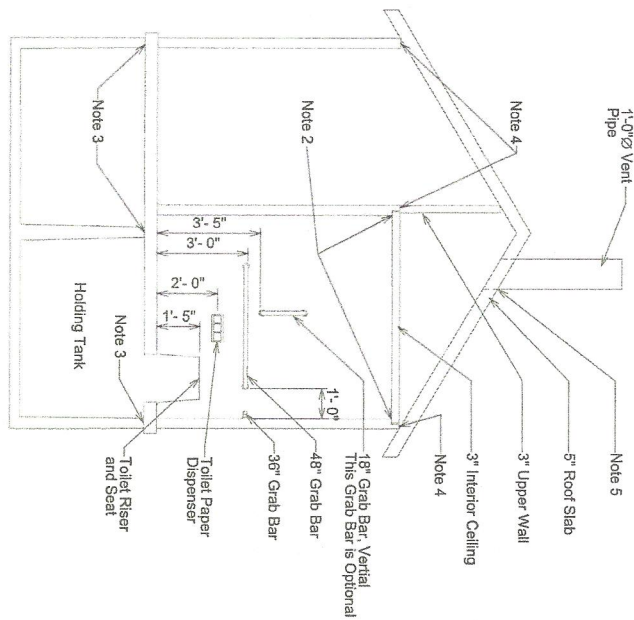


**TOILET FLOOR PLAN**  
Scale 1/2"=1'-0"

**PLAN NOTES**

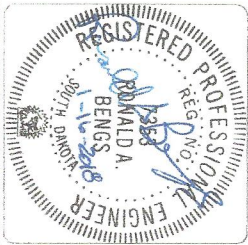
1. The Manufacturer will place interior vent wall using a High Performance Polyurethane Sealant. This will attach the wall to the exterior walls and also seal the toilet room from odors.
2. The interior ceiling is placed and then sealed from the interior using a High Performance Polyurethane Sealant.
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 Clovermist Plus (Right Hand) 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 Clovermist Plus (Right Hand) Toilet.
5. The Manufacturer will place the roof vent stack using a squeeze fit and a High Performance Polyurethane Sealant around the outside perimeter.



**TOILET INTERIOR BUILDING SECTION A-A**  
Scale 1/4"=1'-0"

**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), CATEGORY I
  4. SEISMIC CRITERIA GROUP 1, CATEGORY I
  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.
- C**



Sheet Number  
**1**



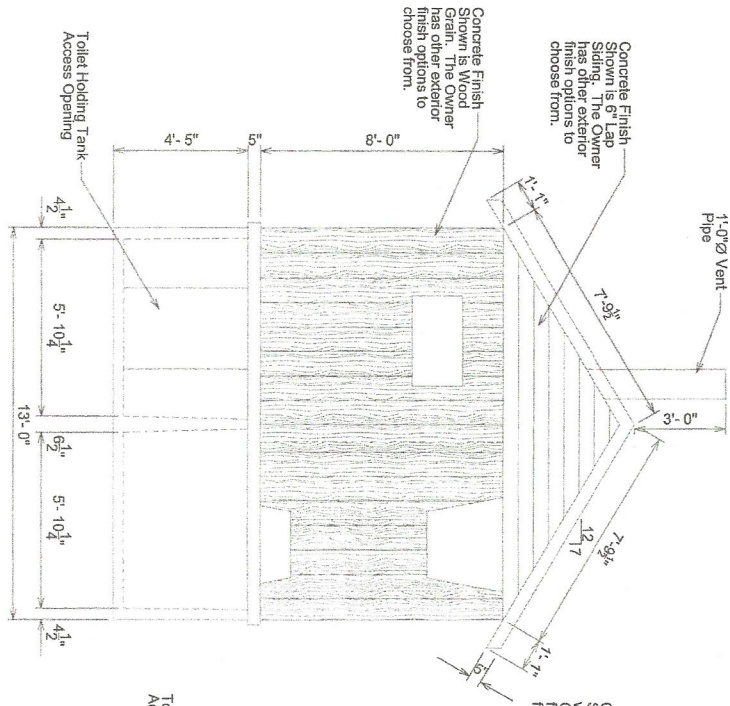
Interstate Engineering, Inc.  
P.O. Box 226  
123 E. Jackson Blvd, Suite 1  
Spearfish, S.D., 57763  
PH (605) 642-4772  
Fax (605) 642-4773  
www.interstateeng.com  
Office in North Dakota, Minnesota, Montana and South Dakota

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

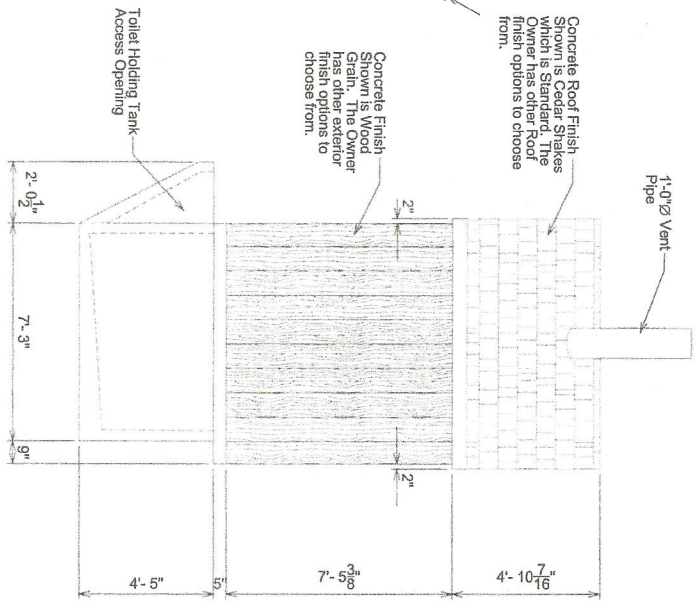
**FLOOR PLAN AND NOTES**

Drawn By: AJD	Surveyed By: AJD	Project No: L17-04-123.01
Checked By: RAB	Designed By: AJD	Date: Dec. 16, 2016

Rev. No.	Date	By	Description

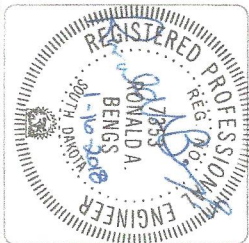


**REAR ELEVATION**  
Scale 1/4"=1'-0"



**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. = 1236.7 gallons



Sheet Number  
**2**

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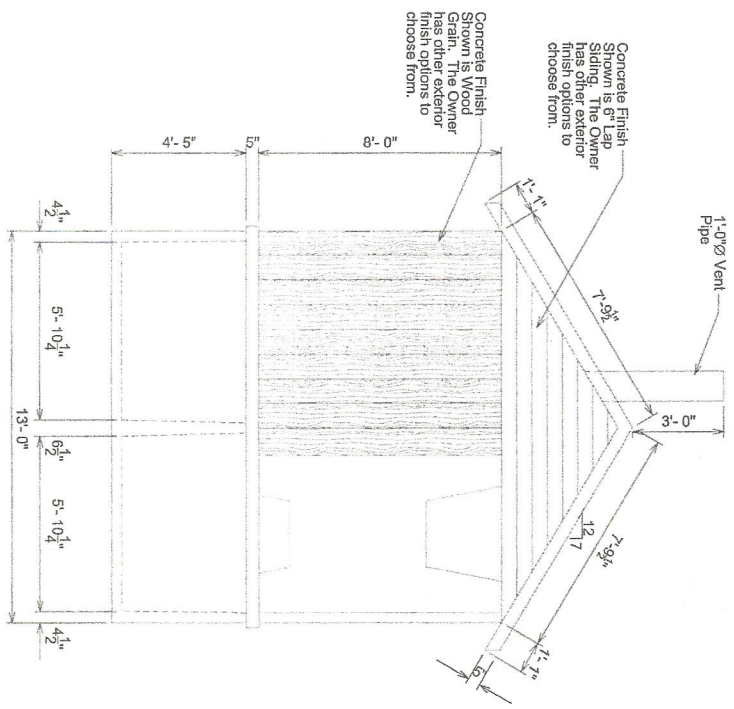
Interstate Engineering, Inc.  
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www.interstateeng.com  
Offices in North Dakota, Minnesota, Montana and South Carolina

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

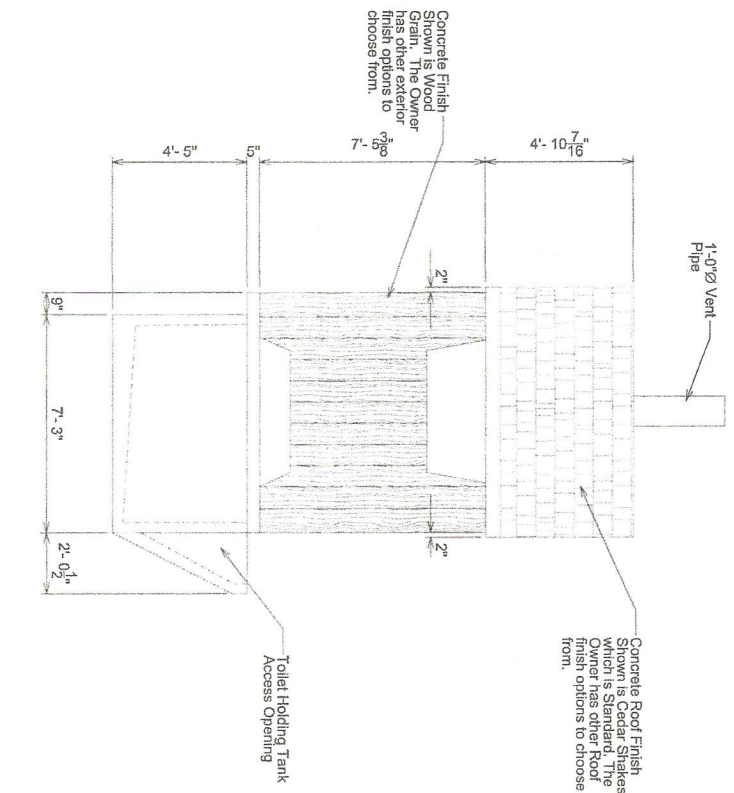
ELEVATIONS

Drawn By: AJD Surveyed By: - Project No: L12-04-123.01  
Checked By: RAB Designed By: AJD Date: Jan. 18, 2018

Rev No	Date	By	Description

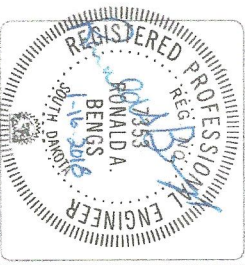


**FRONT ELEVATION**  
Scale 1/4"=1'-0"



**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 185.2 c.f. = 1235.7 gallons



Sheet Number  
**3**



Interstate Engineering, Inc.  
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www.interstateeng.com  
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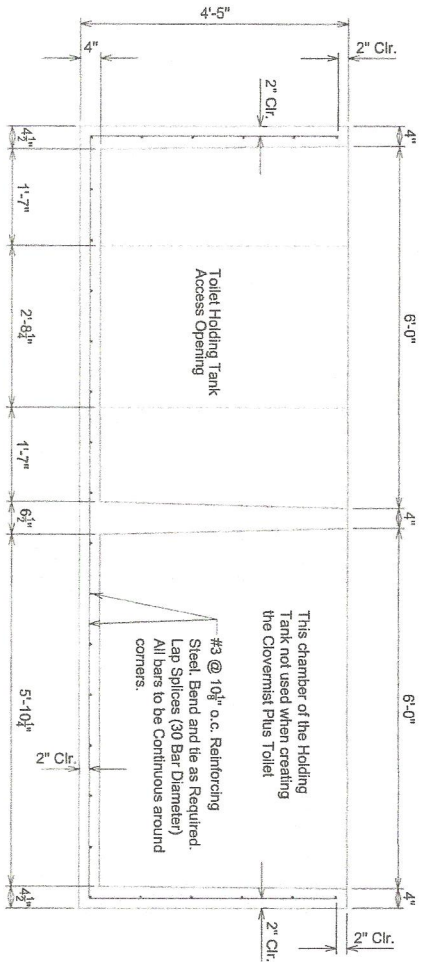
**BOOM CLOVERMIST PLUS (RIGHT HAND)**  
For: BOOM CONCRETE, INC.  
220 Girard Avenue, P.O. Box 437, Newell, SD 57780

**ELEVATIONS**

Drawn By: AJD	Surveyed By: -	Project No: L17-04-123.01
Checked By: RAR	Designed By: AJD	Date: Jan. 18, 2018

Rev. No.	Date	By	Description

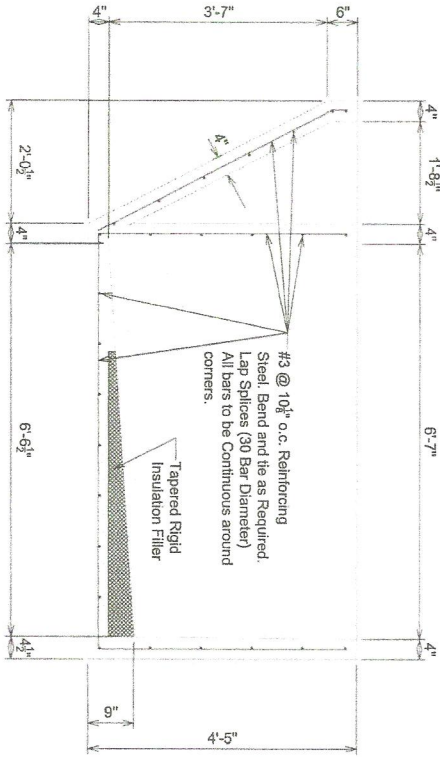




**HOLDING TANK SECTION 1**  
Scale 1/2"=1'-0"

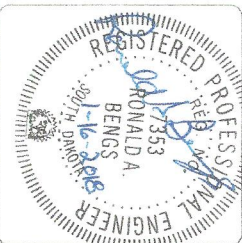
**HOLDING TANK NOTES**

1. THE MANUFACTURER HAS SUPPLIED A 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. = 1236.7 gallons.
3. PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCING AT POSITIONS SHOWN ON THE DRAWINGS.



**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.



Rev. No.	Date	By	Description

