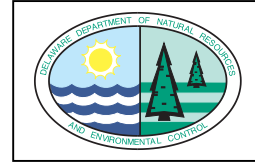


APPLICATION - PERMIT
ON-SITE WASTEWATER SYSTEM



(Please Type or Print Legibly)

OWNER'S NAME: Phoenix Jamp Venture, LLC PHONE: (302) 373-9088

ADDRESS: 910 Foulk Road, Suite 201, Wilmington DE 19803

PROJECT LOCATION: 23900 Milton Ellendale Hwy, Milton DE 19968

TAX/MAP #: 235-14.00-77.01

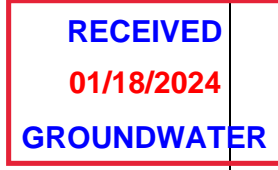
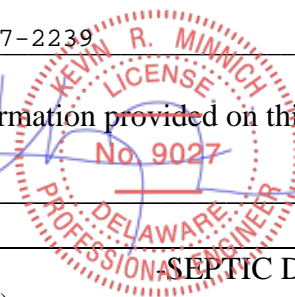
APPLICATION PREPARER: Kevin R. Minnich DNREC LICENSE #: 2446

PREPARER'S ADDRESS: 868 Greenwood Road, Greenwood DE 19950

PHONE: (302) 697-2239

I hereby affirm that the information provided on this document is accurate and complete.

Preparer's Signature: [Signature] Date: 01/12/2024



SEPTIC DESIGN CRITERIA-

(Please check all boxes that apply)

System Type: (CF = Cap & Fill / FD = Full Depth)

- Low Pressure Pipe (FD)
Elevated Sand Mound
Pressure Dose (FD)
Holding Tank
Gravity (FD)
Std. Pressure Dose (FD)
Std. Pressure Dose (CF)
Low Pressure Pipe (CF)
Wisconsin At-Grade
Pressure Dose (CF)
Subsurface Micro Irrigation
Gravity (CF)
Other

Type of Construction:

- Replacement
New Construction
Component Replacement
Repair to Existing System
Reason:

- Bed or Trench
Gravelless Chamber or Stone/Gravel EZflow
Sand-lined Yes No

- Authorization to Use Existing System
Permit #:
Present Condition:
Structure to be connected:

Existing System Malfunctioning Yes No N/A

# of Bedrooms: N/A
Avg. Percolation Rate: N/A
Gallons Per Day Flow: 3,292 GPD
Minimum Sq. Ft. Rcq'd: N/A
Sq. Ft. Proposed: N/A

Pre-Treatment Units

- Septic Tank
Recirculating Sand Filter
Other

Central Water Available Yes No
(If yes, please state Utility Name: )



## SITE DATA

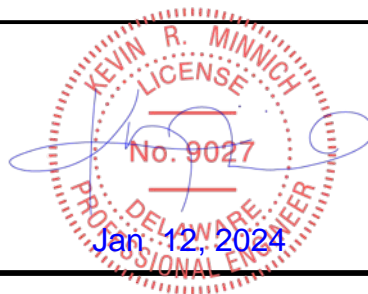
1. OWNER OF RECORD:	PHOENIX JAMP VENTURE LLC 910 FOULK ROAD SUITE 201 WILMINGTON, DE 19803
2. ENGINEER / SURVEYOR:	BECKER MORGAN GROUP INC. 309 SOUTH GOVERNORS AVE DOVER, DE 19904 302-734-7950
3. PROPERTY MAP NUMBER:	235-14.00-77.01
4. ZONING CLASSIFICATION:	EXISTING: C-1 - GENERAL COMMERCIAL PROPOSED: B-3 - BUSINESS RESEARCH DISTRICT
5. PRESENT USE:	AGRICULTURAL
6. PROPOSED USE:	MEDICAL FACILITY
7. SITE AREA:	4.47 AC±
8. PROPOSED BUILDING:	BUILDING: 20,503 S.F.
9. SETBACKS:	C-1 ZONING: FRONT: 40 FT. SIDE: 10 FT. REAR: 10 FT.
10. BUILDING HEIGHT:	PERMITTED: 42 FT.
11. SOURCE OF WATER:	ARTESIAN WATER COMPANY INC.
12. SOURCE OF SEWER:	ARTESIAN WASTEWATER MANAGEMENT INC.
13. SOURCE OF GAS:	CHESAPEAKE UTILITIES
14. SOURCE OF ELECTRIC:	DELAWARE CO-OP
15. SANITARY SEWER FLOWS:	1 EQUIVALENT DWELLING UNIT (EDU) = 6 FIXTURE UNITS (FU) 54 SINKS X 1 FU/SINK = 54 FU 12 TOILETS X 2 FU/TOILET = 24 FU 1 FLOOR DRAIN X 1 FU/DRAIN = 1 FU <u>TOTAL = 79 FU</u>

79 FU ÷ 6 EDU/FU = 13.167 EDU x 250 GPD/EDU = 3,292 GPD

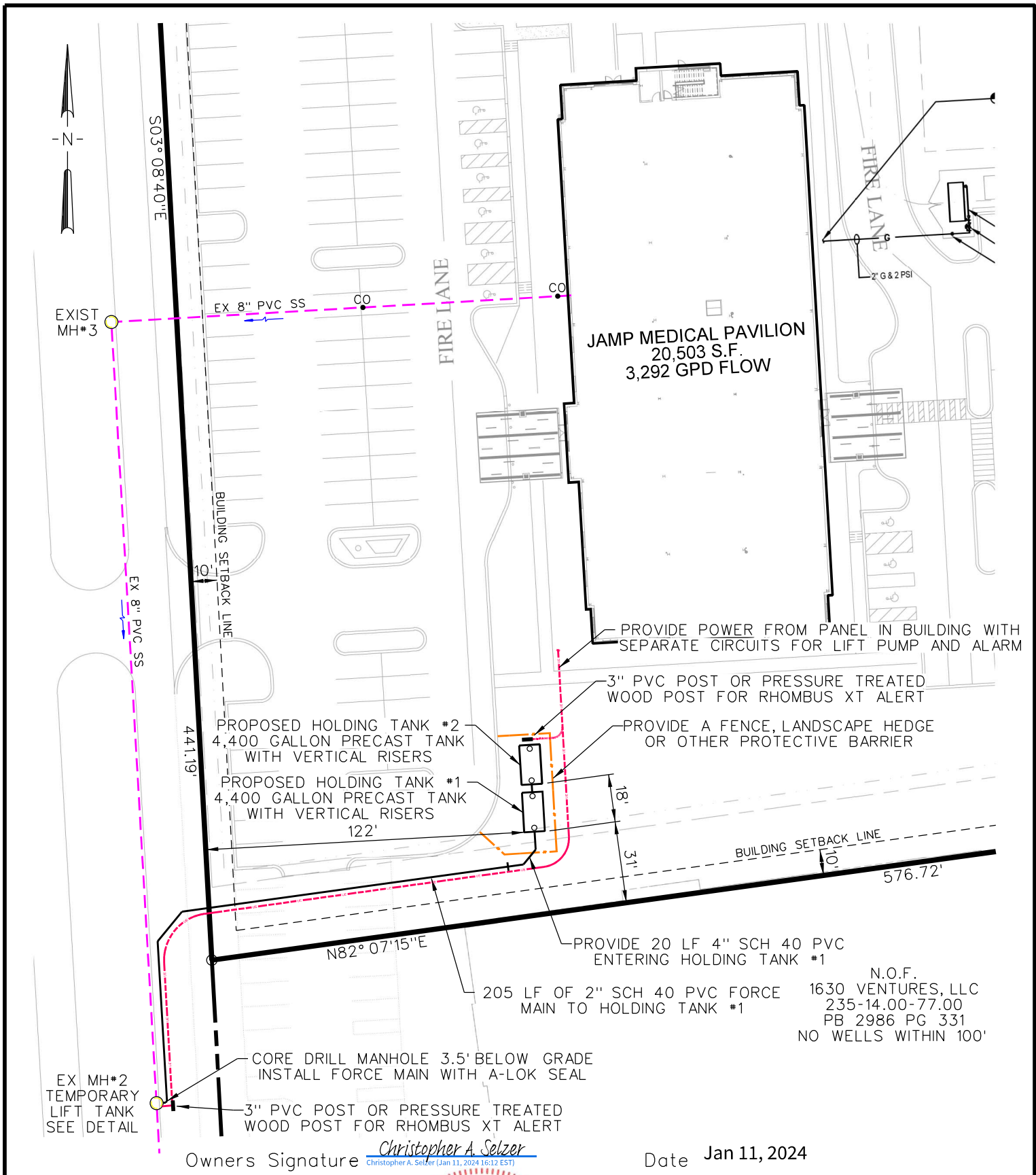
## INSTALLATION NOTES

1. IF THERE ARE ANY CHANGES OR DEVIATIONS FROM THESE PLANS BY THE OWNER, CONTRACTOR, OR BUILDER THAN KEVIN MINNICH SHALL APPROVE OF SUCH CHANGES BEFORE INSTALLATION AND AS-BUILT DRAWINGS SUBMITTED TO DNREC.
2. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR ESTABLISHING EXACT PROPERTY CORNERS. THIS PLOT IS NOT A FORMAL PROPERTY BOUNDARY SURVEY AND SHOULD NOT BE CONSTRUED AS SUCH.
3. BOUNDARY INFORMATION SHOWN ON THE SEPTIC PLOT PLAN IS BASED ON BEST AVAILABLE DEED INFORMATION AND SURVEYS OF RECORD.
4. HOLDING TANK INSTALLATION SHALL BE IN ACCORDANCE WITH THE STATE OF DELAWARE DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL REGULATIONS GOVERNING THE DESIGN, INSTALLATION AND OPERATION OF ON-SITE WASTEWATER TREATMENT AND DISPOSAL SYSTEMS.
5. THE HOLDING TANK SHALL NOT BE INSTALLED DURING INCLEMENT CONDITIONS. (SATURATED, FROZEN, AND/OR DESICCATED SOIL CONDITIONS, ETC.).
6. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY THE LOCATION OF ALL EXISTING ADJACENT WELLS (WHETHER SHOWN OR NOT SHOWN) PRIOR TO SEPTIC INSTALLATION. THE CONTRACTOR SHALL NOTIFY THE SEPTIC DESIGNER, IN WRITING, IF INSTALLATION OF THE SEPTIC SYSTEM, AS DESIGNED, WILL RESULT IN ANY VIOLATIONS OF THE MINIMUM REQUIRED ISOLATION DISTANCES.
7. IF FOR ANY REASON IT IS NECESSARY FOR THE DESIGNER TO COMPLETE "AS BUILT" DRAWINGS, A FEE WILL BE BILLED TO THE CONTRACTOR AT THE PREVAILING RATE FOR THE TIME INVOLVED.
8. THE CONTRACTOR SHALL NOTIFY MISS UTILITY PRIOR TO ANY EXCAVATION AT 1-800-282-8555.
9. THE CONTRACTOR SHALL NOTIFY DESIGNER MINIMUM 24 HOURS PRIOR TO TIME OF INSPECTION.
10. THE CONTRACTOR SHALL ADVISE THE OWNER OF PROPER CARE AND OPERATION/MAINTENANCE OF THE ON-SITE SEPTIC SYSTEM.
11. THE CONTRACTOR SHALL BE RESPONSIBLE TO FILL AND GRADE OVER SEPTIC TANK, TRANSMISSION LINES AND ANY OTHER BELOW GRADE FIXTURES INSTALLED AS PART OF THIS PROJECT.
12. EXISTING TREES ENCOUNTERED ON SITE SHALL BE REMOVED OR MAINTAIN A TEN (10) FOOT SEPARATION DISTANCE FROM THE PROPOSED HOLDING TANK.
13. ALLOW 2 FEET OF EXCAVATION CLEARANCE AROUND HOLDING TANK FOR SETTLING AND BACK FILLING.
14. THE BUILDING SEWER LINE TO THE HOLDING TANK SHALL BE 4" SCH 40 PVC PIPE.
15. ALL PIPE CUTOUTS SHALL BE SEALED WITH A WATERTIGHT CONCRETE OR STANDARD RUBBER GASKETS.
16. ALL PIPING SHALL BE LEFT OPEN FOR THE PRE-COVER INSPECTION TO VERIFY DEPTH AND EVIDENCE OF LEAKS.
17. ALL ELECTRICAL WORK SHALL BE COMPLETED BY A LICENSED ELECTRICIAN IN COMPLIANCE WITH THE 2020 NATIONAL ELECTRICAL CODE.
19. IF THE ALARM PANEL OR ANY OF THE ELECTRICAL WIRING IS NOT INSTALLED, ANOTHER INSPECTION SHALL BE SCHEDULED.

### **HOLDING TANK INSTALLATION NOTES**



868 Greenwood Road - Greenwood, DE 19950  
(302) 697-2239 - (302) 349-5381

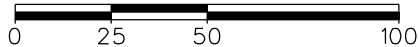


Owners Signature Christopher A. Selzer  
Christopher A. Selzer (Jan 11, 2024 16:12 EST)

Date Jan 11, 2024

# CONSTRUCTION PLAN

SCALE: 1" = 50'

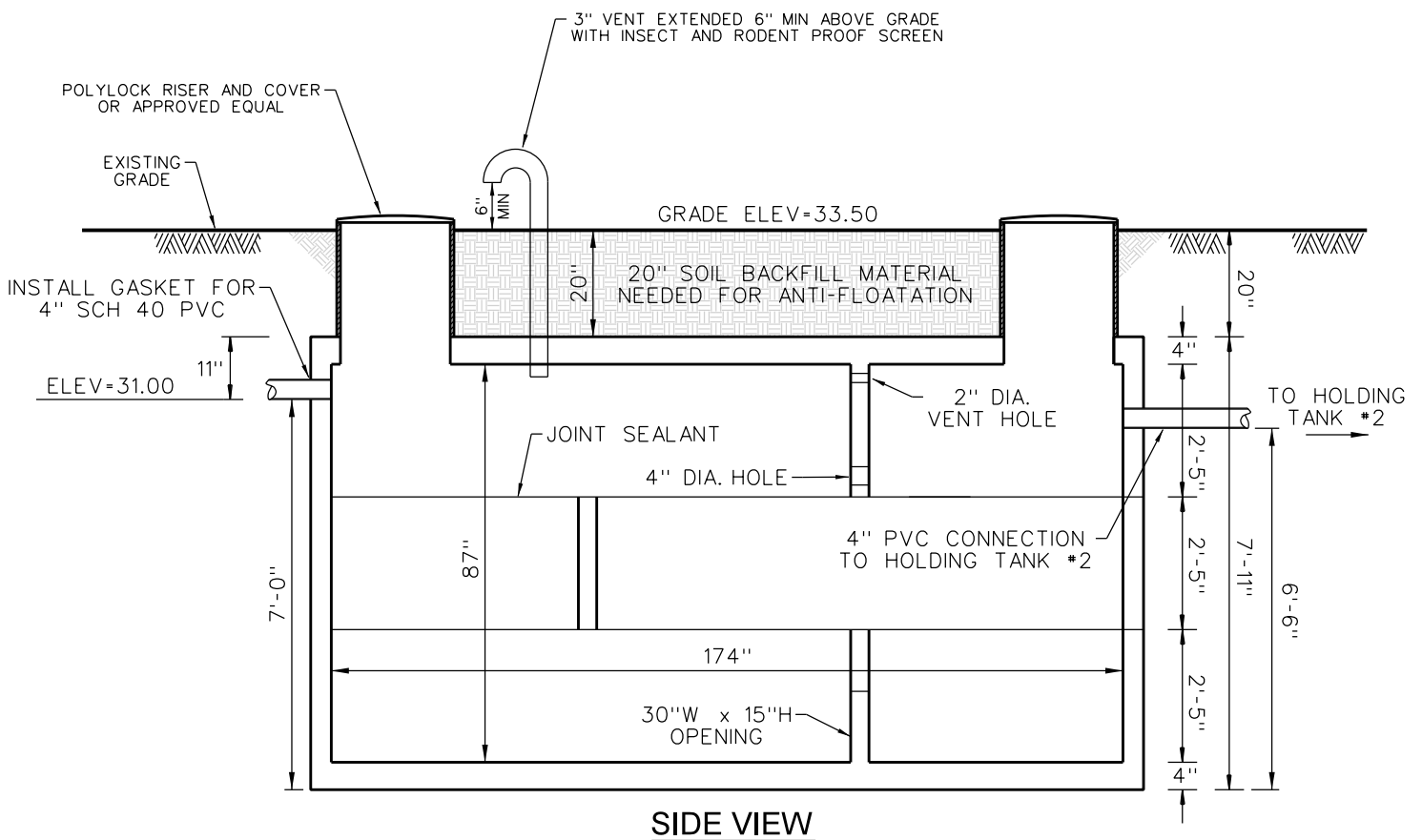
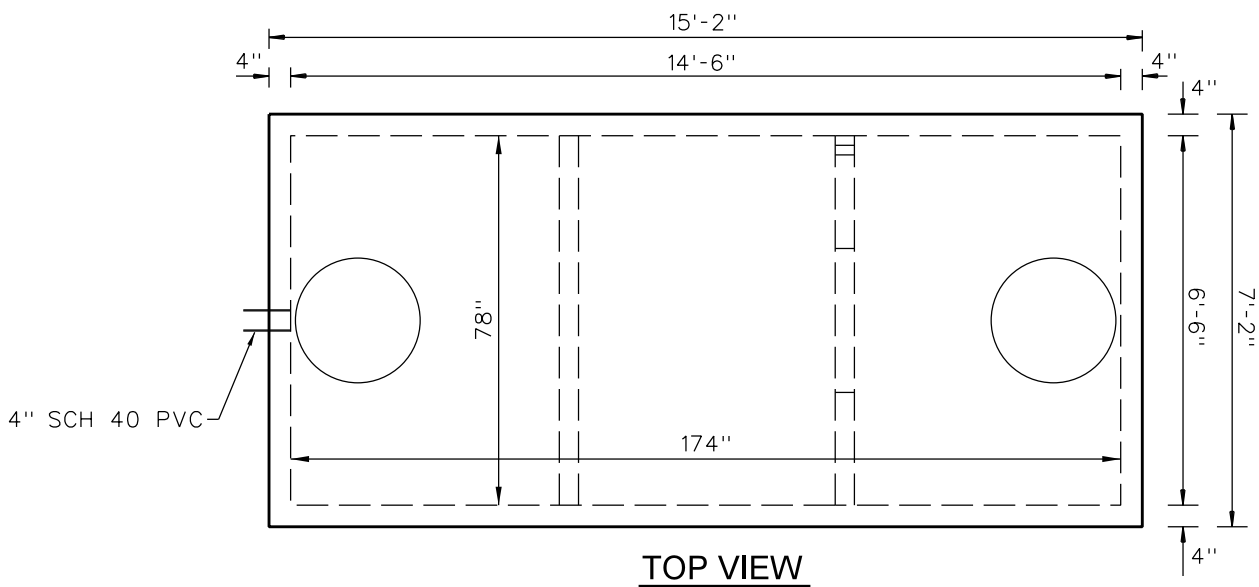


**Minnich**  
 Engineering & Land Planning  
 Designing Quality Not Quantity

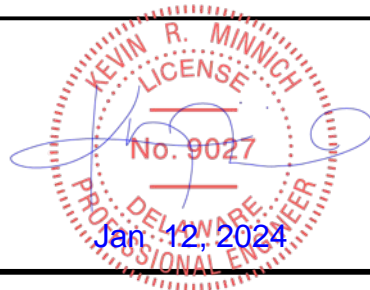
868 Greenwood Road - Greenwood, DE 19950  
 (302) 697-2239 - (302) 270-7494

PROJECT NO. 23-076

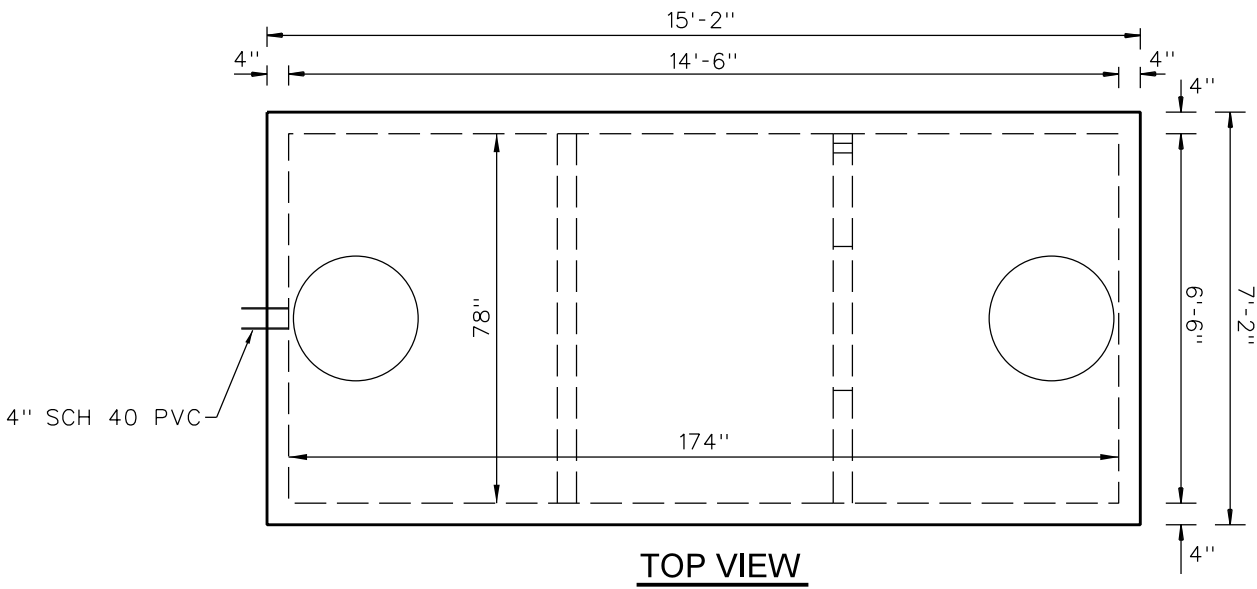
TAX PARCEL NO. 235-14.00-77.01



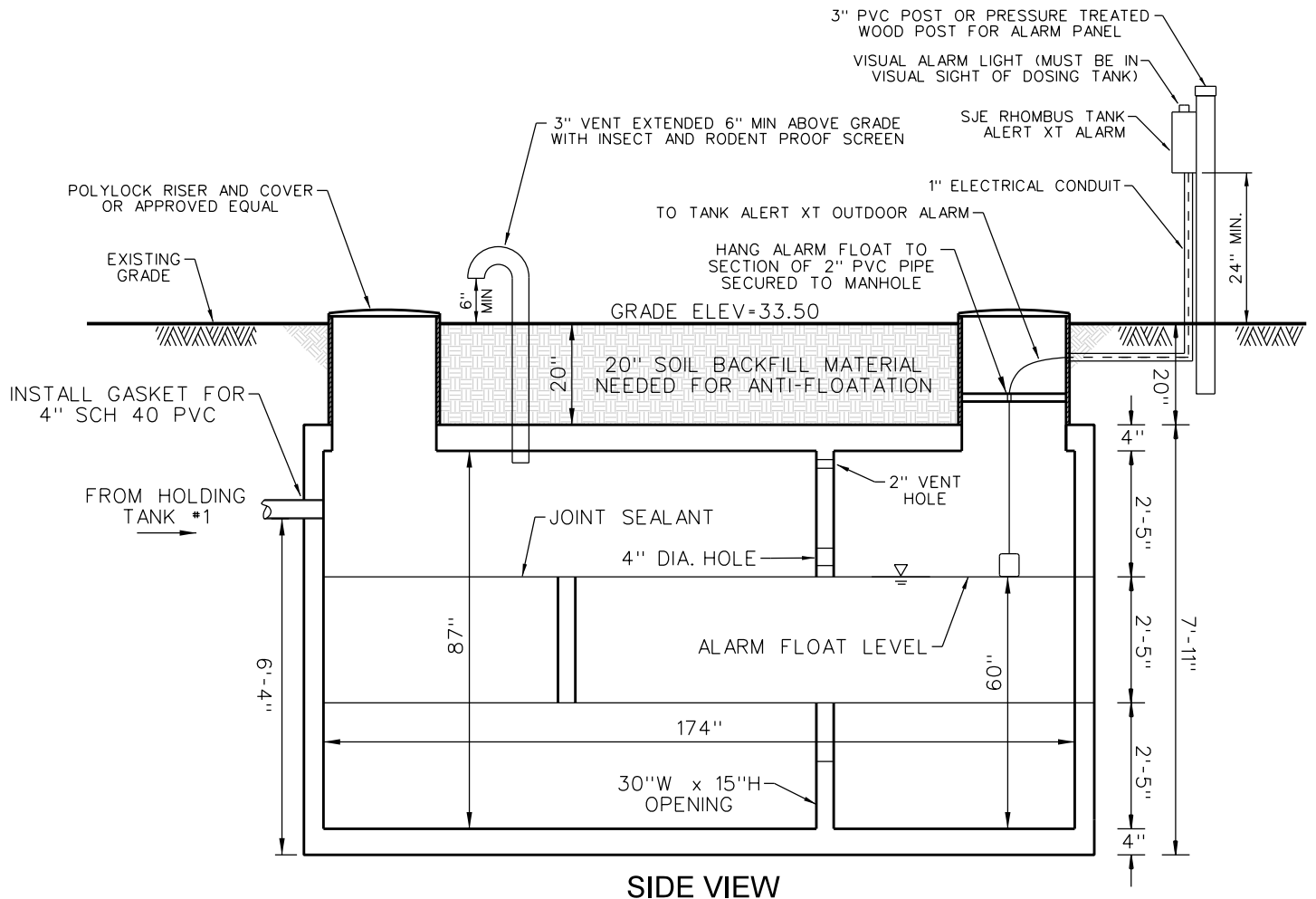
**GILLESPIE HOLDING  
TANK #1  
4,400 GALLON**



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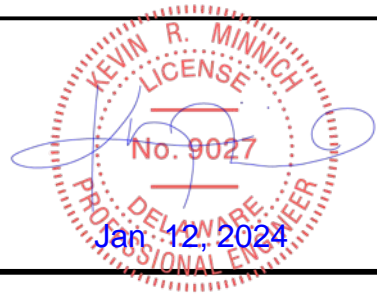


**TOP VIEW**

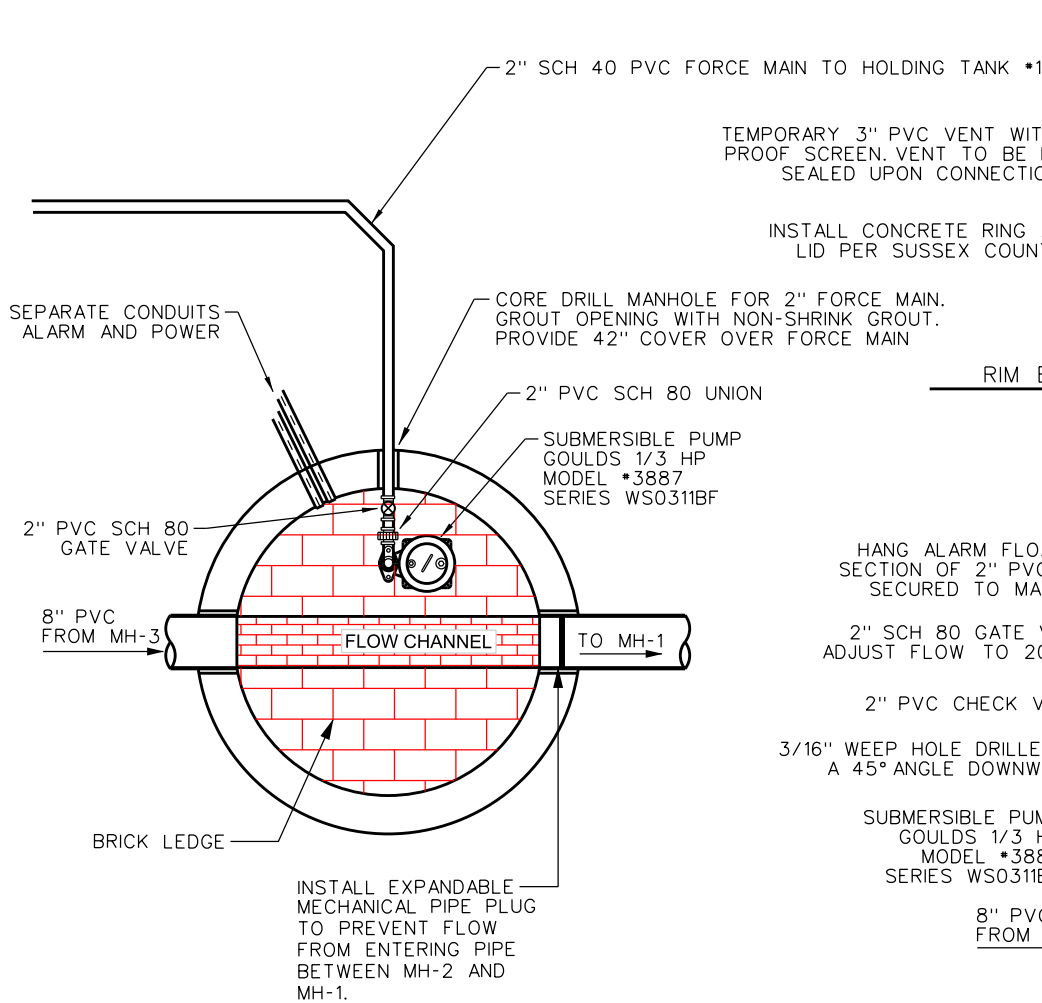


**SIDE VIEW**

**GILLESPIE HOLDING  
TANK #2  
4,400 GALLON**



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TEMPORARY 3" PVC VENT WITH INSECT AND RODENT PROOF SCREEN. VENT TO BE REMOVED AND OPENING SEALED UPON CONNECTION TO GRAVITY SEWER

INSTALL CONCRETE RING AROUND MANHOLE LID PER SUSSEX COUNTY STANDARDS

RIM ELEV = 32.50'

HANG ALARM FLOAT TO SECTION OF 2" PVC PIPE SECURED TO MANHOLE

2" SCH 80 GATE VALVE ADJUST FLOW TO 20 GPM

2" PVC CHECK VALVE

3/16" WEEP HOLE DRILLED AT A 45° ANGLE DOWNWARDS

SUBMERSIBLE PUMP GOULDS 1/3 HP MODEL #3887 SERIES WS0311BF

8" PVC FROM MH-3

FLOW CHANNEL

TO MH-1

3" PVC POST OR PRESSURE TREATED WOOD POST FOR ALARM PANEL

VISUAL ALARM LIGHT (MUST BE IN VISUAL SIGHT OF DOSING TANK)

SJE RHOMBUS TANK ALERT XT ALARM

1" ELECTRICAL CONDUIT

24" MIN

18" MIN

SEPARATE CONDUITS ALARM AND POWER

3.5'

FM CROWN = 29.00'

LATERAL INV IN MH 1 FROM BLDG = 27.90'

ALARM INVERT = 27.82'

PUMP ON INV = 27.16'

PUMP OFF INV = 26.82'

BRICK LEDGE

BENCH ELEV. = 25.67'

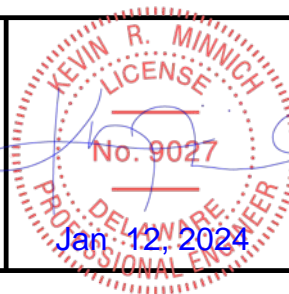
PIPE INVERT = 25.00'

INSTALL EXPANDABLE MECHANICAL PIPE PLUG TO PREVENT FLOW FROM ENTERING PIPE BETWEEN MH-2 AND MH-1.

**EXISTING MH #2  
TEMPORARY  
LIFT TANK DETAIL**

NOT TO SCALE

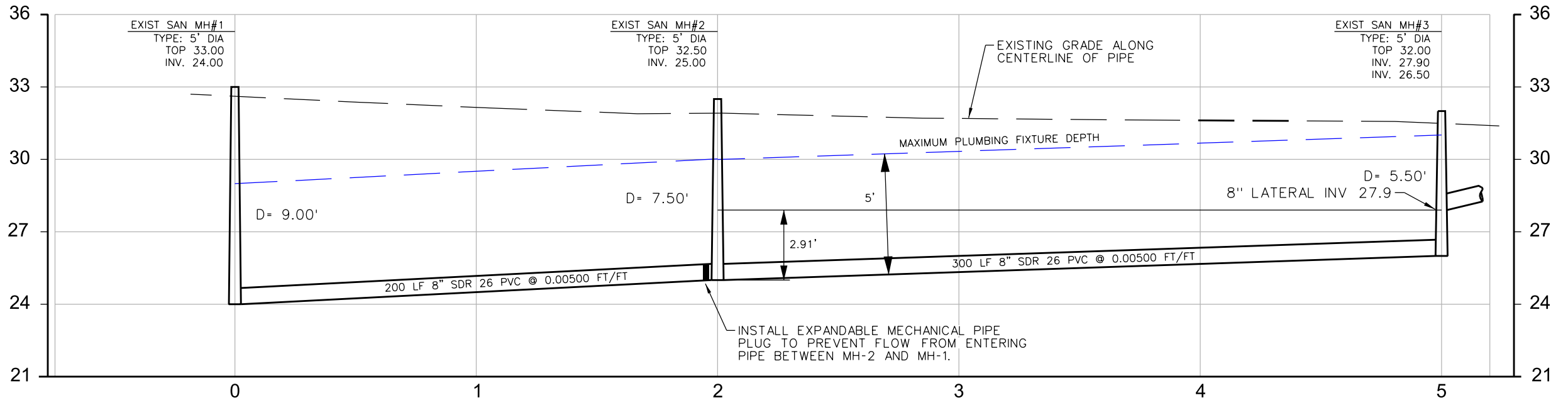
PROJECT NO. 23-076



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(302) 697-2239 - (302) 349-5381

TAX PARCEL NO. 235-14.00-77.01

NOTE: SEPTIC HAULER SHALL INSPECT MANHOLE 1 AT EVERY OTHER PUMP OUT TO ENSURE NO LIQUID BUILD UP IN MANHOLE 1 AND THE PIPE BETWEEN MH-1 AND MH-2. IF LIQUID IS PRESENT ABOVE THE TOP OF PIPE. THEN THE LIQUID SHALL BE PUMPED OUT AND THE PLUG SEAL SHALL BE CHECKED AND ADJUSTED.

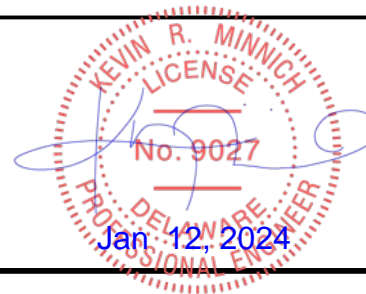
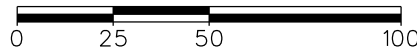


**PROFILE: EXISTING MH #1 TO EXISTING MH #3 (0+00 TO 5+20.00)**

SCALE: VERT. 1"=50', VERT. 1"=5'

**SANITARY SEWER  
PROFILE**

SCALE: 1" = 50'



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(302) 697-2239 - (302) 349-5381



## BOUYANCY CALCULATIONS

### INTERNAL DIMENSIONS OF TANK:

<b>WIDTH</b>	<b>LENGTH</b>	<b>DEPTH</b>
<b>(IN)</b>	<b>(IN)</b>	<b>(IN)</b>
78	174	87

### EXTERNAL DIMENSIONS OF TANK:

<b>WIDTH</b>	<b>LENGTH</b>	<b>DEPTH</b>
<b>(IN)</b>	<b>(IN)</b>	<b>(IN)</b>
86	182	95

### DIMENSIONS OF ANCHOR:

<b>WIDTH</b>	<b>LENGTH</b>	<b>DEPTH</b>
<b>(IN)</b>	<b>(IN)</b>	<b>(IN)</b>
0	0	0



1. DEPTH TO WATER TABLE (IN):	<b>60</b>
2. INTERNAL VOLUME OF TANK (C.F.):	<b>683</b>
3. EXTERNAL VOLUME OF TANK (C.F.):	<b>860</b>
4. SUBMERGED HEIGHT OF TANK (IN):	<b>55</b>
5. DISPLACED VOLUME OF TANK (C.F.):	<b>498</b>
6. WEIGHT OF CONCRETE TANK (LB):	<b>26,578</b>
7. VOLUME OF ANCHOR (C.F.):	<b>0</b>
8. WEIGHT OF ANCHOR (LB):	<b>0</b>
9. DEPTH OF SOIL OVER TANK (IN):	<b>20</b>
10. VOLUME OF SOIL OVER TANK (C.F.):	<b>181</b>
11. WEIGHT OF SOIL OVER TANK (LB):	<b>21,739</b>
12. TOTAL DOWNWARD FORCE (LB):	<b>48,317</b>
13. BOUYANT FORCE (LB):	<b>31,087</b>
14. SAFETY FACTOR:	<b>1.6</b>

# LIFT STATION CALCULATIONS

## TRANSMISSION LINE DATA:

TRANSMISSION PIPE LENGTH (FT) = 205  
 TRANSMISSION PIPE DIAMETER (IN) = 2  
 TRANSMISSION PIPE FLOW (GPM) = 20

## LIFT TANK DATA:

LIFT TANK DIAMETER (FT) = 4  
 LIFT TANK AREA (SF) = 12.56  
 LIFT TANK DEPTH (FT) = N/A  
 UNIT TANK VOLUME (GAL/FT) = 94  
  
 SYSTEM DAILY FLOW (GPD) = 480  
 PUMP ON/OFF ELEV (IN) = 4  
 PUMP DEAD WATER ELEV (IN) = 10  
  
 ON/OFF VOLUME (GAL) = 31  
 CHAMBER DEAD STORAGE VOLUME = 78  
 STORAGE TO HIGH WATER = 590



## STATIC HEAD:

PUMP OFF ELEVATION (FT) = 26.82  
 LATERAL ELEVATION (FT) = 31.00  
**TOTAL STATIC HEAD (FT) = 4.18**

## TRANSMISSION PIPE FRICTION:

TRANSMISSION DIAMETER (IN) = 2  
 TRANSMISSION PIPE LENGTH (FT) = 205  
 TRANSMISSION PIPE FLOW (GPM) = 20  
 TRANS. PIPE FRICTION LOSS/100 FT = 0.86  
**TRANS. PIPE FRICTION LOSS (FT) = 1.77**

## MINOR LOSSES IN FITTINGS:

	<u>NO.</u>	<u>EQ. LENGTH (FT)</u>	<u>LOSS/100'</u>	<u>LOSS (FT)</u>
4" - 90 DEGREE ELBOW:	0	10.00	0.8615	0.00
3" - 90 DEGREE ELBOW:	0	8.00	0.8615	0.00
2" - 90 DEGREE ELBOW:	1	5.50	0.8615	0.05
1" - 90 DEGREE ELBOW:	0	2.70	0.8615	0.00
1 1/4" - 90 DEGREE ELBOW:	0	3.50	0.8615	0.00
4" - 45 DEGREE ELBOW:	0	5.00	0.8615	0.00
3" - 45 DEGREE ELBOW:	0	3.80	0.8615	0.00
2" - 45 DEGREE ELBOW:	6	2.50	0.8615	0.13
1" - 45 DEGREE ELBOW:	0	1.30	0.8615	0.00
2" - TEE STRAIGHT RUN:	0	4.00	0.8615	0.00
1" - TEE STRAIGHT RUN:	0	2.50	0.8615	0.00
2" - CHECK VALVE (SPRING):	1	19.00	0.8615	0.16
2" - GLOBE VALVE (OPEN):	0	55.00	0.8615	0.00
2" - GATE VALVE (OPEN):	1	1.20	0.8615	0.01
2" - COUPLING:	1	2.00	0.8615	<u>0.02</u>

TOTAL = 0.37  
 SAFETY FACTOR = 1.20

**TOTAL MINOR LOSS (FT) = 0.44**

# LIFT STATION CALCULATIONS

## TOTAL DYNAMIC HEAD LOSS:

TRANSMISSION PIPE FRICTION LOSS (FT) = 1.77  
TOTAL MINOR LOSS (FT) = 0.44  
STATIC HEAD (FT) = 4.18  
  
TOTAL DYNAMIC HEAD (FT) = 6.39

## PUMP REQUIRED:

GPM FLOW = 20.00  
FT HEAD = 6.39  
PIPE VELOCITY = 2.04

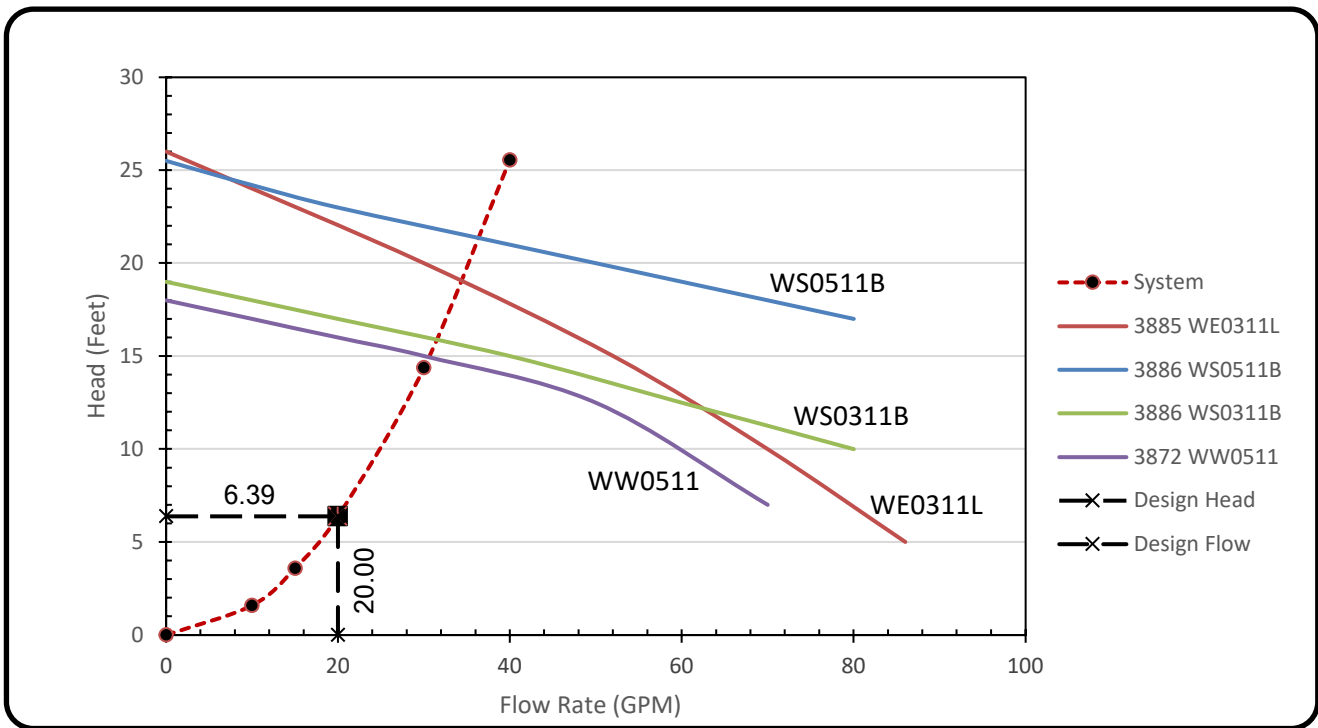
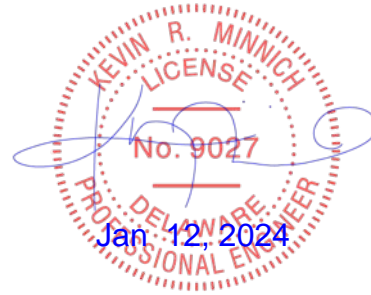
## PUMP PROPOSED:

GPM FLOW = 20  
FT HEAD = 21  
  
MANUFACTURER: GOULDS  
MODEL: 3887  
SERIES: WS0311BF  
HP RATING: 1/3  
VOLTAGE: 115  
PHASE: SINGLE



# LIFT STATION PUMP CURVE

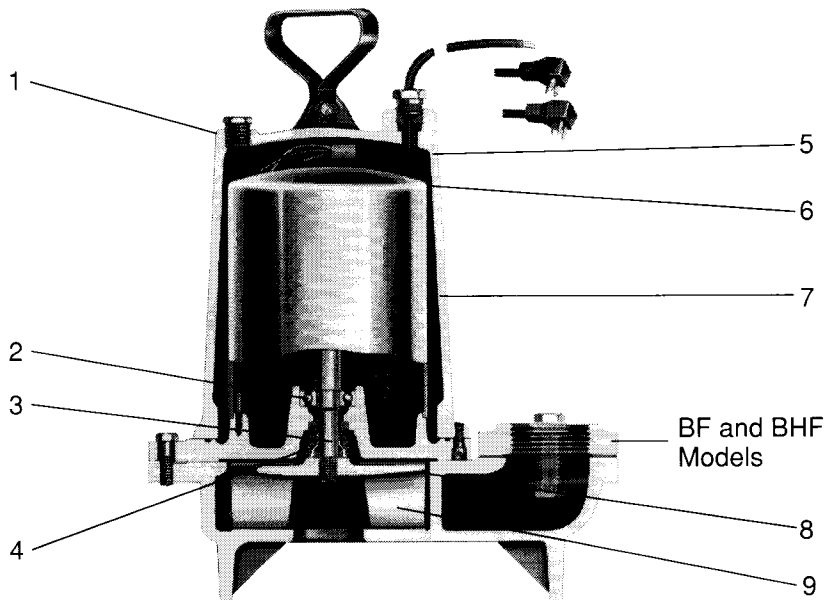
SYSTEM CURVE	
GPM	TDH
0	0
10.00	1.60
15.00	3.59
20.00	6.39
30.00	14.37
40.00	25.55



3886 - WSO511B	
GPM	Head
0	25.5
10	24
20	23
40	21
60	19
80	17

3886 - WS0311B	
GPM	Head
0	19
10	18
20	17
40	15
60	13
80	10

3872 - WW0511	
GPM	Head
0	18
10	17
20	16
30	15
50	13
70	7



# MODEL 3887

BF and BHF  
Models

## FEATURES

- 1 All iron construction
- 2 All ball bearing heavy duty design
- 3 Stainless steel shaft
- 4 Mechanical seal
- 5 Epoxy sealed cable
- 6 High grade turbine
- 7 Electrocoat paint outside and inside
- 8 Ejector vanes
- 9 Multi-vane non-clog cast iron impeller

## MODELS

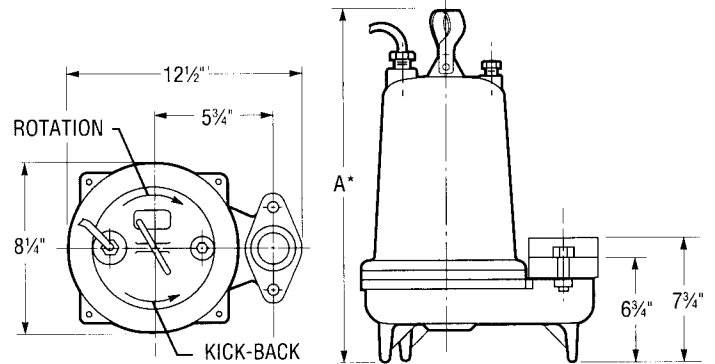
Order No.	HP	Volts	Phase	Max. Amps.	RPM	Solids	Wt. (lbs.)
WS0311BF	1/8	115	1	9.8			63
WS0312BF	1/8	230	1	4.9			63
WS0511BF	1/4	115	1	13.0			65
WS0512BF	1/4	230	1	6.5			65
WS0532BF	1/2	208-230	3	3.3			85
WS0534BF	1/2	460	3	1.65	1750		85
WS0712BF	3/4	230	1	9.4		2"	85
WS0732BF	3/4	208-230	3	3.6			85
WS0734BF	3/4	460	3	1.8			85
WS1012BF	1	230	1	12.3			85
WS1032BF	1	208-230	3	5.8			85
WS1034BF	1	460	3	2.9			85
WS1012BHF	1	230	1	12.5			85
WS1032BHF	1	208-230	3	7.0	3500		85
WS1034BHF	1	460	3	3.5	3500		85

## PERFORMANCE RATINGS (gallons per minute)

Order No. ▶	Performance Ratings (gallons per minute)				
	WS0311BF	WS0312BF	WS0534BF	WS0734BF	WS1034BF
HP ▶	1/8	1/8	1/2	3/4	1
RPM ▶	1750				3500
Total Head Feet of Water	5	108	150	170	
	10	76	124	150	168
	15	30	90	122	150
	20		50	90	120
	25		14	46	76
	30			12	36
	35				8
	40				
	45				

## DIMENSIONS

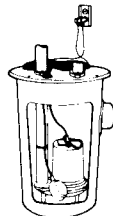
(All dimensions are in inches. Do not use for construction purposes.)



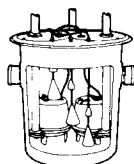
A\* - All models are 17 3/4" except 3/4 HP single phase and 1 HP single phase = 20 3/4".

## SIMPLEX AND DUPLEX SYSTEMS

**Simplex Ejector Systems:** are used where drain facilities are below existing sewer lines. Also can be used for septic tank applications where effluent must be pumped away from tank for disposal.



**Duplex Ejector Systems:** offer the necessary safety required by institutions which cannot afford an interruption in their sewage disposal systems.





## TANK ALERT® XT Alarm Installation Instructions

This alarm system monitors liquid levels in lift pump chambers, sump pump basins, holding tanks, sewage, agricultural, and other non-potable water applications.

The Tank Alert® XT indoor/outdoor alarm can serve as a high or low level alarm depending on the float switch model used. The alarm horn sounds and the red beacon illuminates when a potentially threatening liquid level condition occurs. A "power on" light on the switch indicates power to the alarm panel.

### TANK ALERT® XT ALARM



- Voltage: 120 VAC, 50/60 Hz, 7 watts maximum (alarm condition) (circuit not supervised)
- Enclosure meets Type 3R water-tight standard.
- Automatic alarm reset, horn silence switch, and alarm test switch.
- Alarm horn sounds at 85 decibels at 10 feet (3 meters).
- Alarm system (when installed on separate circuit) operates even if pump circuit fails.
- Maximum line impedance for initiating device: 100 ohms.
- Complete package includes standard Sensor Float® control switch with 15 feet (4.57 meters) of cable (other lengths available) and mounting clamp.
- Three-year limited warranty.

### OPTIONS

When ordered with the alarm, the system is available with:

- alternate float switch models for high or low liquid level warning.
- auxiliary alarm contacts for easy attachment of remote devices: (circuit not supervised) 120 VAC, 5 amps max., 50/60 Hz
- premounted terminal block so enclosure can also be used as a junction box for splicing pump, pump switch, and pump power. Meets NEC standard for junction boxes. 20 amps, 120/230 VAC.
- 6 foot (1.8 meter) power cord with 120 VAC plug and liquid-tight connectors.

### PREVENTATIVE MAINTENANCE

- Periodically inspect the product. Check that the cable has not become worn or that the housing has not been damaged so as to impair the protection of the product. Replace the product immediately if any damage is found or suspected.
- Periodically check to see that the float is free to move and operate the switch.
- Use only SJE-Rhombus® replacement parts.

### SJE-RHOMBUS® THREE-YEAR LIMITED WARRANTY

SJE-RHOMBUS® warrants to the original consumer that this product shall be free of manufacturing defects for three years after the date of consumer purchase. During that time period and subject to the conditions set forth below, SJE-RHOMBUS® will repair or replace, for the original consumer, any component which proves to be defective due to defective materials or workmanship of SJE-RHOMBUS®.

**THIS EXPRESS WARRANTY DOES NOT APPLY TO THE MOTOR START KIT COMPONENT. SJE-RHOMBUS® MAKES NO WARRANTIES OF ANY TYPE WITH RESPECT TO THE MOTOR START KIT.**

**ELECTRICAL WIRING AND SERVICING OF THIS PRODUCT MUST BE PERFORMED BY A LICENSED ELECTRICIAN.**

**THIS WARRANTY DOES NOT APPLY:** (A) to damage due to lightning or conditions beyond the control of SJE-RHOMBUS®; (B) to defects or malfunctions resulting from failure to properly install, operate or maintain the unit in accordance with printed instructions provided; (C) to failures resulting from abuse, misuse, accident, or negligence; (D) to units which are not installed in accordance with applicable local codes, ordinances, or accepted trade practices, and (E) to units repaired and/or modified without prior authorization from SJE-RHOMBUS®.

*Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.*

**TO OBTAIN WARRANTY SERVICE:** The consumer shall assume all responsibility and expense for removal, reinstallation, and freight. Any item to be repaired or replaced under this warranty must be returned to SJE-RHOMBUS®, or such place as designated by SJE-RHOMBUS®.

**ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS ARE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. SJE-RHOMBUS® SHALL NOT, IN ANY MANNER, BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES AS A RESULT OF A BREACH OF THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY.**

**⚠ WARNING****ELECTRICAL SHOCK HAZARD**

Disconnect power before installing or servicing this product. A qualified service person must install and service this product according to applicable electrical and plumbing codes.

**⚠ WARNING****EXPLOSION OR FIRE HAZARD**

Do not use this product with flammable liquids. Do not install in hazardous locations as defined by National Electrical Code, ANSI/NFPA 70.

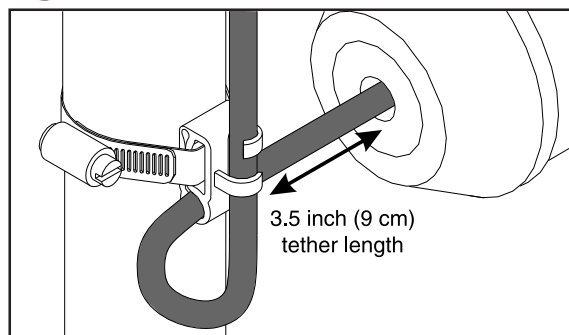


Failure to follow these precautions could result in serious injury or death. Replace product immediately if switch cable becomes damaged or severed. Keep these instructions with warranty after installation. This product must be installed in accordance with National Electric Code, ANSI/NFPA 70 so as to prevent moisture from entering or accumulating within boxes, conduit bodies, fittings, float housing, or cable.

*For detailed specifications on this product, or for the complete line of SJE-Rhombus® panel, alarm, and switch products, visit our web-site at [www.sjerrhombus.com](http://www.sjerrhombus.com).*

**INSTALLING THE FLOAT SWITCH**

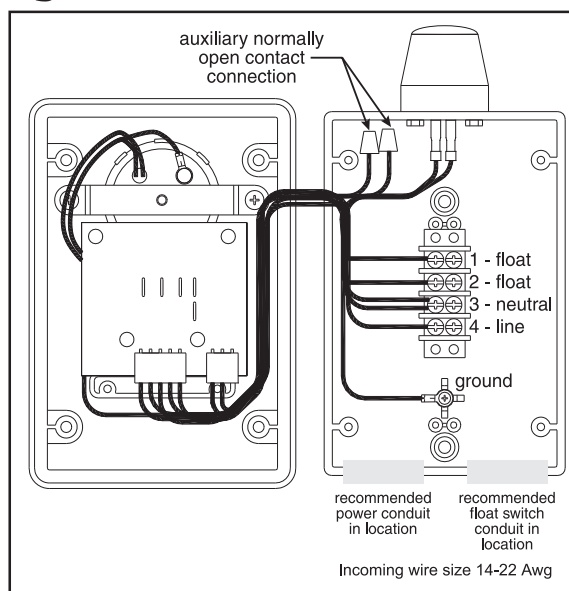
1. Place the cord into the clamp as shown in Figure A.
2. Locate the clamp at the desired activation level and secure the clamp to the discharge pipe as shown in see Figure A. **Note:** Do not install cord under hose clamp.
3. Tighten the hose clamp using a screwdriver. Over tightening may result in damage to the plastic clamp. Make sure the float cable is not allowed to touch the excess hose clamp band during operation.
4. Wire cable leads directly into control device as shown in Figure B.
5. Check installation. Allow system to cycle to insure proper operation. **Note:** All hose clamp components are made of 18-8 stainless steel material. See your SJE-Rhombus® supplier for replacements.

**Figure A****INSTALLING THE ALARM**

1. Mount alarm box using existing holes in back of box. To ensure water-tight seal, use screws and sealing washers included with alarm. **Note:** Screws are to be located over wall stud or used with a wall anchor sized for a #8 x 1.25 self tapping screw.
2. Determine "conduit-in" locations on alarm as shown in Figure B. **Note:** When used with a pump application, connect alarm to a circuit separate from the pump circuit. This allows alarm to continue to operate if the pump circuit fails.
3. Drill holes for conduit entry, taking care not to damage bosses inside alarm box.
4. Attach conduit.

If alarm includes premounted terminal block option, refer now to the Terminal Block Option Wiring Instructions.

5. Bring float switch cable through conduit and wire to terminal block positions 1 and 2 as shown in Figure B.
6. Wire power conductors to terminal block positions 3 and 4 and ground wire to ground termination post as shown in Figure B. **Note:** If terminal block option is used, attach ground wire as shown in Figure A of Terminal Block Option Wiring Instructions.
7. If remote device is used, connect wires as shown in Figure B using supplied wire nuts.
8. Attach alarm box cover using the four pre-installed screws.
9. Turn on power. Light on switch should come on.
10. Check installation by manually tipping the float. The horn and beacon should turn on.
11. Push silence switch to test silence feature.
12. Test unit once per week to insure proper operation.

**Figure B**

# SJE-Rhombus®

22650 County Highway 6 ■ P.O. Box 1708 ■ Detroit Lakes, Minnesota 56502 USA  
 1-888-DIAL-SJE (1-888-342-5753) ■ Phone: 218-847-1317 ■ Fax: 218-847-4617 ■ E-mail: [sje@sjerrhombus.com](mailto:sje@sjerrhombus.com)





# Clean Delaware Inc.

P.O. Box 123 · Milton · DE 19968  
1.888.637.1517 · 302.684.4221 · Fax: 302.684.1850

[www.cleandelaware.com](http://www.cleandelaware.com)

## PUMP AND HAUL MAINTENANCE CONTRACT

PROPERTY OWNER: Phoenix JAMP Ventures LLC

900 Foulk Rd. Suite 201

Wilmington, DE 19805

TELEPHONE: 302-373-9088

TAX MAP NUMBER: 2-35 14.00 77.01

PROPERTY LOCATION: JAMP Medical Center

23900 Milton Ellendale Hwy.

Sussex County

Milton, DE 19968

HOLDING TANK SIZE: 4,400 gallons

DISPOSAL SITE: Clean Delaware, LLC  
Route 30  
Milton, DE 19968

CONTRACT EXPIRES: March 31, 2024

### TERMS OF CONTRACT:

1. Pumping frequency will be such that the waste level is maintained to prevent overflowing.
2. Pumping will be scheduled to maintain low levels. A high-level alarm will also be installed.
3. Duration of the contract is one year or that part of, until expiration date.
4. A fleet of vacuum trucks ranging from 4000 to 7000 gallons is available for emergency response.
5. Clean Delaware LLC Waste Hauler #13

Gerry Desmond

Clean Delaware, LLC

October 16, 2023

Date

Property Owner/Agent

10/19/23

Date

**Environmental Pumping + Complete Septic Service  
Grease Trap Pumping + Portable Toilet Rentals**

**Residential + Commercial + Industrial**





OVER 100 YEARS OF SUPERIOR SERVICE

Artesian Water Company



Artesian Wastewater Management



Artesian Utility Development



Artesian Water Pennsylvania



Artesian Water Maryland



Artesian Wastewater Maryland

November 17, 2023

Jeffrey A. Harman, P.E.  
Senior Associate  
Becker Morgan Group, Inc.

RE: Jerry Ann McLamb Medical Pavilion Holding Tank Tax Parcel 235-14.00-77.01

This letter is provided at the request of the owner of the Jerry Ann McLamb Medical Pavilion, Tax Parcel 235-14.00-77.01 (the "JAMP Owner") as written confirmation that the above-referenced parcel is located in Artesian Wastewater Management Inc. service territory.

Artesian's regional sewer system is expected to be available to serve the above-referenced parcel within the next two years. Once the regional sewer system is available to serve the above-referenced parcel, the JAMP Owner will need to abandon the temporary on-site holding tank and connect the parcel to Artesian's system within six months.

The JAMP Owner shall provide an engineered, privately owned, sewage pumping station constructed on-site, which shall be maintained by the JAMP Owner. The sewage pumping station shall minimally consist of the following:

- Inground wet well (fiberglass or epoxy coated concrete)
- Two (2) submersible sewage pumps
- Two (2) base elbows, upper guiderail brackets and guiderails
- Two (2) isolation valves and check valves per pump discharge
- Pump control panel
- Electric service, if separate from building/s served
- Permanent emergency generator, if separate from building/s emergency generator
- Pump station shall be located where no offensive odors will accumulate
- Pump station shall be graded to have positive run off to prevent water infiltration
- Install privately owned forcemain to Artesian tapping valve connection
- Provide engineered design drawings approved by Delaware Department of Natural Resources and Environmental Control to Artesian. Existing head conditions will be provided by Artesian
- The pump station should be designed on an equivalent dwelling unit basis at 250 gallons per day per equivalent dwelling unit

**ARTESIAN WASTEWATER MANAGEMENT, INC.**

A handwritten signature in blue ink, appearing to read "David Spacht".

David Spacht

PARID: 235-14.00-77.01  
 PHOENIX JAMP VENTURE LLC

ROLL: RP  
 23900 MILTON ELLENDALE HWY

### Property Information

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Property Location: 23900 MILTON ELLENDALE HWY  
 Unit:  
 City: MILTON  
 State: DE  
 Zip: 19968

Class: AGR-Agriculture  
 Use Code (LUC): AG2-AG C-I  
 Town: 00-None  
 Tax District: 235 – BROAD KILL  
 School District: 6 - CAPE HENLOPEN  
 Fire District: 85-Milton  
 Deeded Acres: 4.4700  
 Frontage: 0  
 Depth: .000  
 Irr Lot:  
 Plot Book Page: 368 78/PB

100% Land Value: \$22,400  
 100% Improvement Value \$0  
 100% Total Value \$22,400

### Legal

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Legal Description S/MILTON ELLENDALE HWY  
 LOT 1

### Owners

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Owner	Co-owner	Address	City	State	Zip
PHOENIX JAMP VENTURE LLC		910 FOULK RD STE 201	WILMINGTON	DE	19803