

Permit Number:
282092

APPLICATION - PERMIT
ON-SITE WASTEWATER SYSTEM

RECEIVED
12/19/25
GROUNDWATER

DELAWARE DEPARTMENT OF
NATURAL RESOURCES



AND ENVIRONMENTAL CONTROL

Owner's Name: Lawrence Stanley Sr. Phone: (302) 359-1967
Address: 1982 Halltown Rd, Hartly, DE 19953
Project Location: 9585 S Dupont Hwy, Felton, DE 19943
Tax Map #: 8 00 12901 01 3700 000
Application Preparer: Brian C. Carbaugh, P.E. DNREC License #: 2043
Preparer's Address: c/o Apple-Designs, 689 Gallo Road, Harrington, DE 19952
Phone: (302) 398-4951

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

Preparer's Signature

12/7/2025

Date

SEPTIC DESIGN CRITERIA -

SITE EVAL.
REF# 573869

CF=Cap & Fill / FD=Full Depth

(Please check all boxes that apply)

Type of Construction:

- ☒ Replacement
☐ New Construction
☐ Component Replacement
☐ Repair to Existing System
☐ Authorization to Use Existing System
☐ Other: _____

System Type:

- ☐ Low Pressure Pipe (FD)
☐ Elevated Sand Mound
☒ Pressure Dose (FD)
☐ Holding Tank
☐ Gravity (FD)

- ☐ Low Pressure Pipe (CF)
☐ Wisconsin At-Grade
☐ Pressure Dose (CF)
☐ Subsurface Micro Irrigation
☐ Gravity (CF)
☐ Other: _____

☒ Bed or ☐ Trench

☐ Gravelless Chamber or ☒ Stone/Gravel

* Sand-lined ☒ Yes ☐ No

Existing System Malfunctioning ☒ Yes ☐ No ☐ N/A

Pre-Treatment Units

- ☐ Bio-Clear ☐ Klargestar
☒ Septic Tank ☐ Recirculating Sand Filter
☐ Other: _____

of Bedrooms: 6 MOTEL RM, 1 EMPLOYEE

Average Percolation Rate: 30 MPI

Gallon Per Day Flow: 620 GPD

Minimum Square Ft. Required: 1,426 Sq. Ft.

Square Ft. Proposed: 2,450 Sq. Ft.

Central Water Available ☐ Yes ☒ No

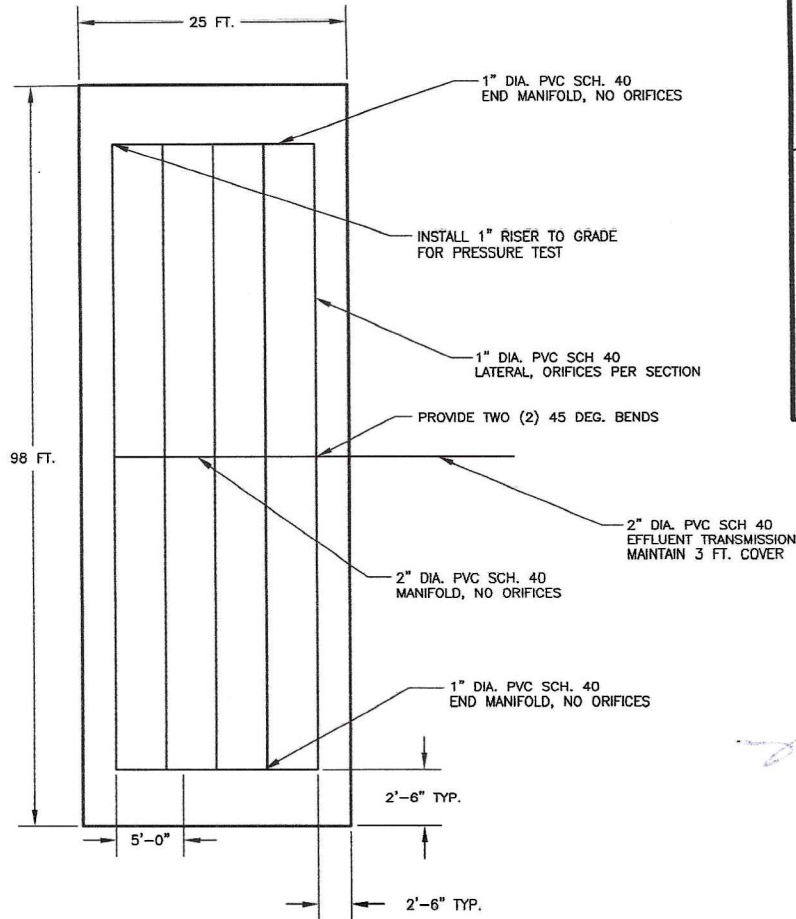
(If yes, please state Utility Name: _____)

PAID

\$ 325.00 12/22/2025

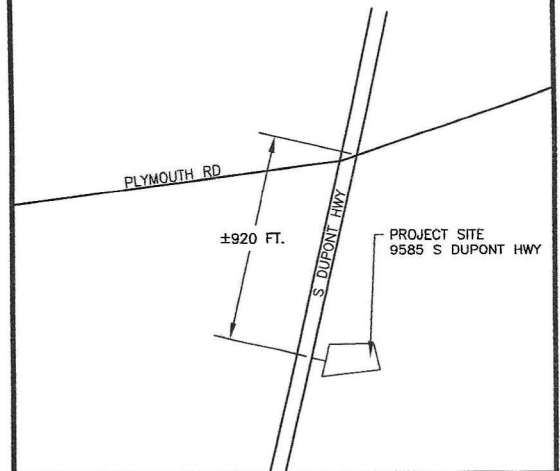
ADX/689

- CROSS SECTION -

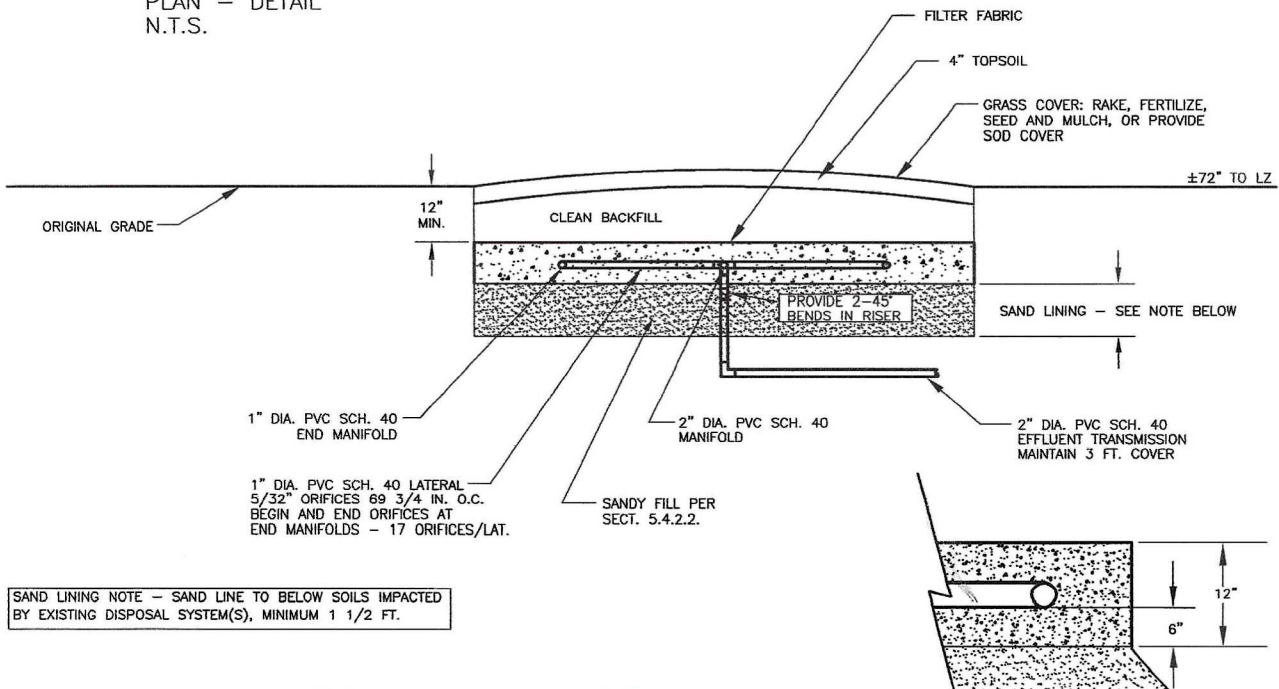


DISPOSAL BED
PLAN - DETAIL
N.T.S.

Draw a general location map of project location
and give distance to nearest road junction.



12/7/2025



SAND LINING NOTE - SAND LINE TO BELOW SOILS IMPACTED
BY EXISTING DISPOSAL SYSTEM(S), MINIMUM 1 1/2 FT.

- SITE PLAN -

PORTIONS OF THE PROPOSED DISPOSAL AREA MAY BE WOODED. CLEARING TO BE PERFORMED IN ACCORDANCE WITH DNREC REQUIREMENTS. NO TREES WITHIN 10 FT. OF DISPOSAL AREA.

REPLACEMENT DISPOSAL SYSTEM SAND DISPOSAL SYSTEM IN THE SAME OR ADJACENT AREA.



12/7/2025

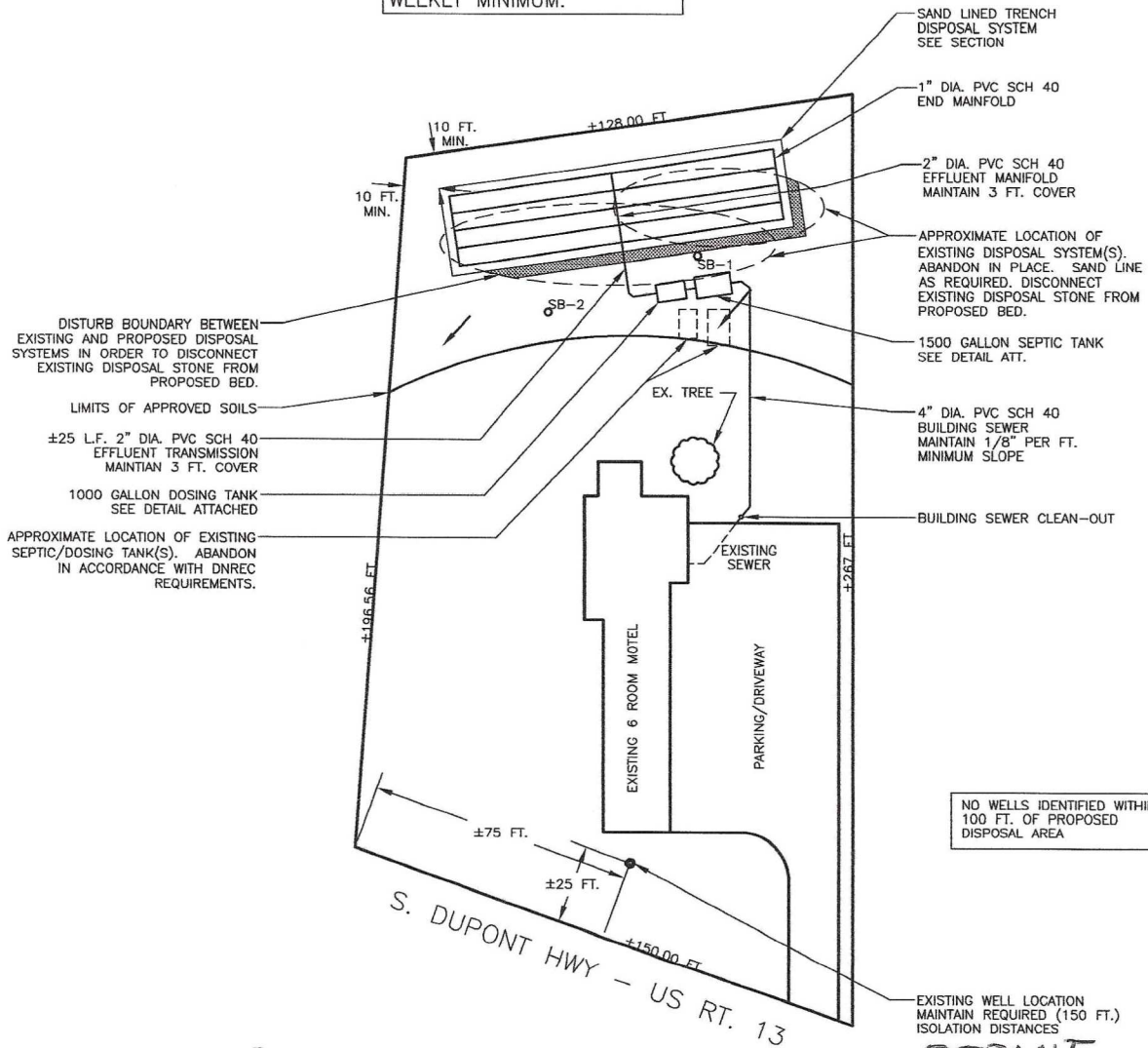
Scale: 1" = 50 ft.

Indicate North:



THIS DRAWING IS NOT THE RESULT OF A FORMAL SITE SURVEY, BUT IS THE BASED ON INFORMATION PROVIDED BY OTHERS.

WATER METER TO BE INSTALLED ON WELL SUPPLY LINE TO VERIFY WATER USE. READINGS TO BE OBTAINED WEEKLY MINIMUM.



PERMIT
79787

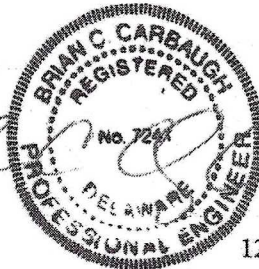
Owner's/Authorized Agent Signature: _____ Date: _____

* A copy of this page must be submitted with both the on-site wastewater system and well construction report(s).

- SITE PLAN -

PORTIONS OF THE PROPOSED DISPOSAL AREA MAY BE WOODED. CLEARING TO BE PERFORMED IN ACCORDANCE WITH DNREC REQUIREMENTS. NO TREES WITHIN 10 FT. OF DISPOSAL AREA.

REPLACEMENT DISPOSAL SYSTEM SAND DISPOSAL SYSTEM IN THE SAME OR ADJACENT AREA.



12/7/2025

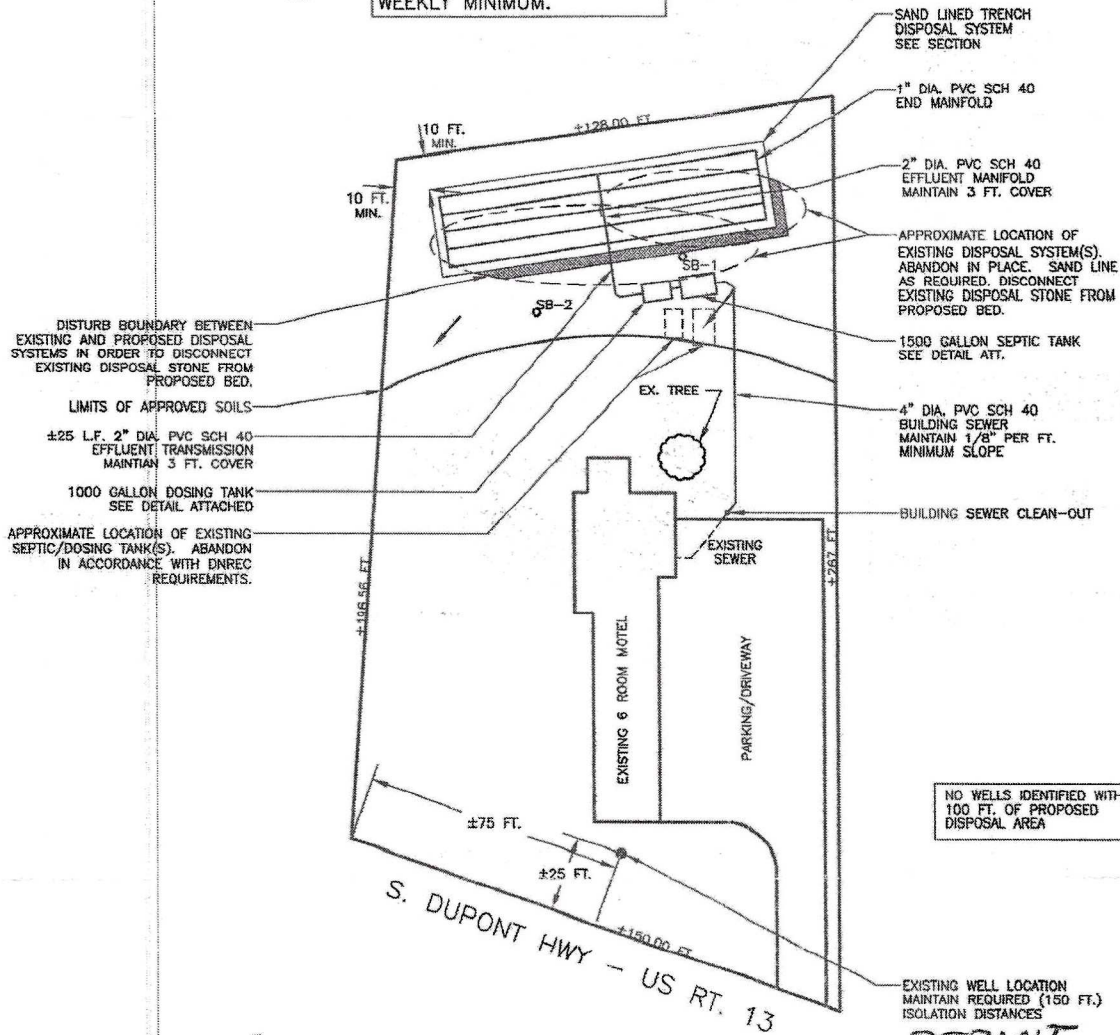
Scale: 1" = 50 ft.

Indicate North:



THIS DRAWING IS NOT THE RESULT OF A FORMAL SITE SURVEY, BUT IS BASED ON INFORMATION PROVIDED BY OTHERS.

WATER METER TO BE INSTALLED ON WELL SUPPLY LINE TO VERIFY WATER USE. READINGS TO BE OBTAINED WEEKLY MINIMUM.



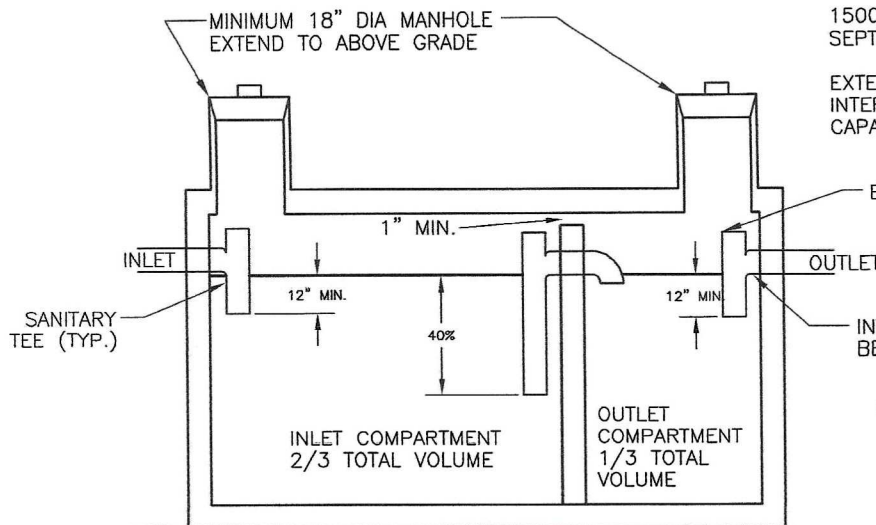
PERMIT
79787

Owner's/Authorized Agent Signature

[Signature]

Date: 11 DEC '25

* A copy of this page must be submitted with both the on-site wastewater system and well construction report(s).



1500 GALLON PRECAST CONCRETE SEPTIC TANK.

EXTERIOR DIMENSIONS: 121"x74"x66"D
INTERIOR DIMENSIONS: 114"x67"x45 1/2"D
CAPACITY: 397 GAL/FT.

EFFLUENT FILTER

OUTLET

INVERT 2"
BELOW INLET

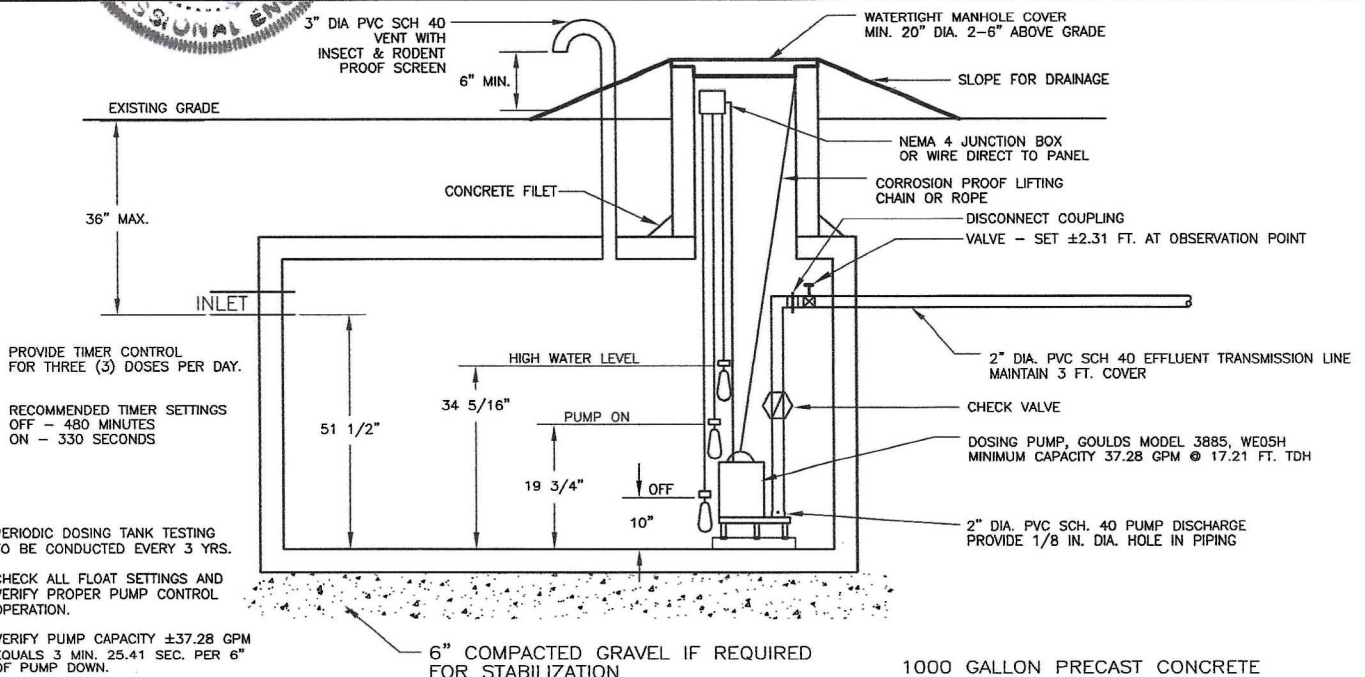
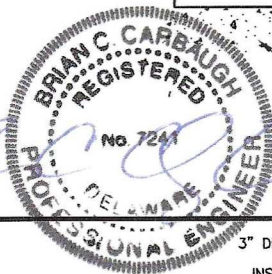
NOTES:

1. ALLOW 2' CLEARANCE IN EXCAVATION AROUND TANK FOR TAMPING.
2. ALL PIPE PENETRATIONS TO BE SEALED WATERTIGHT WITH GROUT OR APPROVED RUBBER GASKET.

6" COMPACTED GRAVEL IF REQUIRED FOR STABILIZATION

— SEPTIC TANK —
— SECTION —
NOT TO SCALE

12/7/2025



WATERTIGHT MANHOLE COVER
MIN. 20" DIA. 2-6" ABOVE GRADE

SLOPE FOR DRAINAGE

NEMA 4 JUNCTION BOX
OR WIRE DIRECT TO PANEL

CORROSION PROOF LIFTING
CHAIN OR ROPE

DISCONNECT COUPLING

VALVE - SET ±2.31 FT. AT OBSERVATION POINT

2" DIA. PVC SCH. 40 EFFLUENT TRANSMISSION LINE
MAINTAIN 3 FT. COVER

CHECK VALVE

DOSING PUMP, GOOLDS MODEL 3885, WE05H
MINIMUM CAPACITY 37.28 GPM @ 17.21 FT. TDH

2" DIA. PVC SCH. 40 PUMP DISCHARGE
PROVIDE 1/8 IN. DIA. HOLE IN PIPING

6" COMPACTED GRAVEL IF REQUIRED FOR STABILIZATION

1000 GALLON PRECAST CONCRETE DOSING TANK.

EXTERIOR DIMENSIONS: 98"x61"x66"D
INTERIOR DIMENSIONS: 91"x54"x51 1/2"D
CAPACITY: 255 GAL/FT.

— DOSING TANK —
— SECTION —
NOT TO SCALE

1. PROVIDE SIMPLEX PROGRAMMABLE TIMED DOSING CONTROL PANEL WITH AUDIO/VISUAL ALARM ON SEPARATE CIRCUIT. INSTALL PANEL WITHIN SIGHT OF DOSING TANK.
2. ALL ELECTRICAL CONNECTIONS TO BE WATERPROOF, CORROSION RESISTANT AND EXPLOSION PROOF.
3. ALL PIPE PENETRATIONS AND TANK JOINTS TO BE SEALED WATERPROOF.
4. ALLOW 2' CLEARANCE IN EXCAVATION AROUND TANK FOR TAMPING.

Brian C Carbaugh PE
Consulting Engineer

On-Site Sewage Disposal System - Lawrence Stanley Sr.
Tax Parcel No. 8 00 12901 01 3700 000

ATTACHMENT 1 - SEPTIC TANK AND DOSING TANK DETAILS

ONSITE SEWAGE DISPOSAL SYSTEM CALCULATIONS

PROJECT NUMBER- ADX689

OWNER - Lawrence Stanley Sr.

PARCEL NUMBER - 8 00 12901 01 3700 000

FLOW

6 = MOTEL ROOMS (NO KITCHEN)

1 = NUMBER OF EMPLOYEES

620 = DESIGN FLOW (GPD)

DISPOSAL AREA

30 = PERCOLATION RATE, ASSIGNED (MPI)

BED = SYSTEM TYPE (TRENCH, BED, LPP)

1426 = DISPOSAL AREA REQUIRED (SQ. FT.)

2450 = DISPOSAL AREA PROVIDED (SQ. FT.)

SEPTIC TANK

1500 = MINIMUM SEPTIC TANK SIZE (GAL.)

1500 = SEPTIC TANK SIZE PROVIDED (GAL.)

OK

DOSE VOLUME

207 = MINIMUM 3 DOSES/DAY (GAL.)

PIPING NOT FLOODED

| PIPING SYSTEM | FLOODED? | DIA. (IN) | L.F. | VOL. (GAL) |
|---------------|----------|-----------|------|------------|
| EFFL. TRANS. | YES | | | N/A |
| MANIFOLD | NO | 2 | 20 | 3.3 |
| LATERALS | NO | 1 | 465 | 19.0 |
| END MANIFOLD | NO | 1 | 40 | 1.6 |
| TOTAL VOLUME | | | | 23.9 |
| 5*TOTAL VOL. | | | | 119.3 |

207 = DOSE VOLUME PROVIDED (GAL.)

OK

DOSING CHAMBER/FLOAT SETTINGS

91 = DOSING TANK INTERIOR LENGTH (IN.)

54 = DOSING TANK INTERIOR WIDTH (IN.)

51.5 = DOSING TANK INTERIOR DEPTH (IN.)

255 = DOSING TANK VOL. (GAL./FT.)

10 = OFF FLOAT SETTING (IN.)

19.72 = ON FLOAT SETTING (IN.)

34.29 = HWL FLOAT SETTING (IN.) - 1/2 DAILY FLOW

827 = MINIMUM LIQUID CAPACITY (GAL.)

1095 = LIQUID CAPACITY PROVIDED (GAL.)

OK



12/7/2025

ONSITE SEWAGE DISPOSAL SYSTEM CALCULATIONS

ORIFICE FLOW

2.31 = MINIMUM ORIFICE HEAD (FT.)
0.15625 = ORIFICE DIA. (IN)

| LATERAL | GROUND EL. | LENGTH (FT.) | ORIFICE HEAD | ORIFICE FLOW | # OF ORIFICES | TOTAL GPM | GPM PER L.F. | BALANCE CHECK | MANIFOLD FLOW |
|-----------|------------|--------------|--------------|--------------|---------------|-----------|--------------|---------------|---------------|
| 1 | 50.00 | 93 | 2.31 | 0.44 | 17 | 7.46 | 0.0802 | 0.0000 | 1.00 |
| 2 | 50.00 | 93 | 2.31 | 0.44 | 17 | 7.46 | 0.0802 | 0.0000 | 0.80 |
| 3 | 50.00 | 93 | 2.31 | 0.44 | 17 | 7.46 | 0.0802 | 0.0000 | 0.60 |
| 4 | 50.00 | 93 | 2.31 | 0.44 | 17 | 7.46 | 0.0802 | 0.0000 | 0.40 |
| 5 | 50.00 | 93 | 2.31 | 0.44 | 17 | 7.46 | 0.0802 | 0.0000 | 0.20 |
| TOTAL GPM | | | | | | 37.28 | | | |

TRANSMISSION LINE VELOCITY

2 = TRANSMISSION LINE SIZE (IN.)

3.81 = VELOCITY AT DESIGN FLOW (FPS) - 2 FPS MIN

OK

ORIFICE SPACING

MAX ALLOWED - 72
SPACING

| LATERAL | DECIMAL | WHOLE IN. | 16THS. | |
|-----------|---------|-----------|--------|----|
| 1 | 69.75 | 69 | 12 | OK |
| 2 | 69.75 | 69 | 12 | OK |
| 3 | 69.75 | 69 | 12 | OK |
| 4 | 69.75 | 69 | 12 | OK |
| 5 | 69.75 | 69 | 12 | OK |
| AVERAGE = | 69.75 | | | |
| OK | | | | |



12/7/2025

TIMER SETTINGS

480 = OFF TIME (MIN.)

330 = ON TIME (SEC.) ROUNDED TO NEAREST 10 SEC

CALIBRATION PUMP DOWN RATE

MIN. SEC.

3 25.41 = PUMP DOWN RATE FOR CALIBRATION (MIN/6")

HEAD CALCULATIONS

50.00 = GROUND SURFACE AT DOSING TANK

43.38 = PUMP OFF WATER LEVEL ELEVATION

53.00 = MAX. GROUND EL. AT SYSTEM

22.00 = DEPTH/HEIGHT TO LATERAL (IN.)

54.83 = MAXIMUM LATERAL ELEVATION

13.77 = STATIC HEAD (FT.)

MINIMUM OPERATING POINT

37.28 = DESIGN FLOW (GPM)

17.21 = TDH AT DESIGN FLOW

SEE ATTACHED TOTAL DYNAMIC HEAD LOSS CALCULATIONS

ONSITE SEWAGE DISPOSAL SYSTEM CALCULATIONS

13.77 = STATIC HEAD

MINIMUM OPERATING POINT

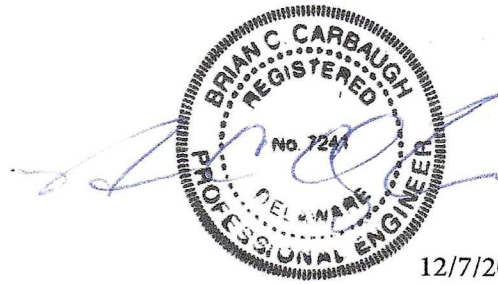
37.28 = DESIGN FLOW (GPM)

17.21 = TDH AT DESIGN FLOW

SYSTEM CURVE

0 = STARTING FLOW (GPM)

10 = FLOW STEP (GPM)



12/7/2025

| RUN | PUMP | EFFL. TRANS. | 1 | 1 | 1 | 2 | LATERAL |
|---------|------|-----------------|-------|-------|-------|-------|---------|
| DIA. | 2 | 2 | 2 | 2 | 2 | 2 | 1 |
| EQ. FT. | 26 | 46 | 12 | 12 | 12 | 17 | 23 |
| "C" | 130 | 130 | 130 | 131 | 131 | 130 | 130 |
| MULT. | 1 | 1 | 0.800 | 0.600 | 0.400 | 0.200 | 0.100 |

| FLOW | DYN. HD. | DYN. HD. | DYN. HD. | DYN. HD. | DYN. HD. | DYN. HD. | DYN. HD. | TDH |
|-------|----------|----------|----------|----------|----------|----------|----------|-------|
| 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 13.77 |
| 10 | 0.081 | 0.143 | 0.024 | 0.014 | 0.007 | 0.003 | 0.030 | 14.07 |
| 20 | 0.294 | 0.517 | 0.086 | 0.050 | 0.024 | 0.009 | 0.107 | 14.85 |
| 30 | 0.622 | 1.095 | 0.182 | 0.106 | 0.050 | 0.020 | 0.226 | 16.07 |
| 40 | 1.060 | 1.865 | 0.311 | 0.180 | 0.085 | 0.034 | 0.385 | 17.69 |
| 50 | 1.602 | 2.819 | 0.470 | 0.272 | 0.128 | 0.051 | 0.582 | 19.69 |
| 60 | 2.246 | 3.952 | 0.658 | 0.381 | 0.180 | 0.072 | 0.815 | 22.07 |
| 70 | 2.988 | 5.258 | 0.876 | 0.507 | 0.239 | 0.096 | 1.085 | 24.82 |
| 80 | 3.827 | 6.733 | 1.121 | 0.649 | 0.306 | 0.123 | 1.389 | 27.92 |
| 90 | 4.759 | 8.374 | 1.395 | 0.807 | 0.381 | 0.153 | 1.728 | 31.36 |
| 100 | 5.785 | 10.178 | 1.695 | 0.981 | 0.463 | 0.186 | 2.100 | 35.16 |
| 37.28 | 0.930 | 1.637 | 0.273 | 0.158 | 0.074 | 0.030 | 0.338 | 17.21 |

SUMMARY

| | | | | | | | |
|-----------|----|----|---|---|---|---|-------|
| LENGTH | 10 | 25 | 5 | 5 | 5 | 5 | 23.25 |
| 90'S | 1 | 2 | | | | 1 | |
| 45'S | | 2 | | | | | |
| T RUN | | 2 | 2 | 2 | 2 | 1 | |
| T BRANCH | | | | | | | |
| VALVE | 1 | | | | | | |
| CHK VALVE | 1 | | | | | | |
| REDUCER | | | | | | 1 | |

EQ. LENGTH

| | | | | | | | | |
|-----------|------|------|------|------|------|------|------|-----|
| LENGTH | 10.0 | 25.0 | 5.0 | 5.0 | 5.0 | 5.0 | 23.3 | 0.0 |
| 90'S | 5.0 | 10.0 | 0.0 | 0.0 | 0.0 | 5.0 | 0.0 | 0.0 |
| 45'S | 0.0 | 4.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| T RUN | 0.0 | 6.7 | 6.7 | 6.7 | 6.7 | 3.3 | 0.0 | 0.0 |
| T BRANCH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| VALVE | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| CHK VALVE | 8.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| REDUCER | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 | 0.0 | 0.0 |
| TOTAL | 26.3 | 46.3 | 11.7 | 11.7 | 11.7 | 16.7 | 23.3 | 0.0 |



Submersible Effluent Pump

MODEL 3885

WE Series

PROSURANCE AVAILABLE FOR RESIDENTIAL APPLICATIONS.

APPLICATIONS

Specifically designed for the following uses:

- Homes
- Farms
- Trailer courts
- Motels
- Schools
- Hospitals
- Industry
- Effluent systems

SPECIFICATIONS

Pump

- Solids handling capabilities: $\frac{3}{4}$ " maximum.
- Discharge size: 2" NPT.
- Capacities: up to 140 GPM.
- Total heads: up to 128 feet TDH.
- Temperature: 104°F (40°C) continuous 140°F (60°C) intermittent.
- See order numbers on reverse side for specific HP, voltage, phase and RPM's available.

FEATURES

■ **Impeller:** Cast iron, semi-open, non-clog with pump-out vanes for mechanical seal protection. Balanced for smooth operation. Silicon bronze impeller available as an option.

■ **Casing:** Cast iron volute type for maximum efficiency. 2" NPT discharge.

■ **Mechanical Seal: SILICON CARBIDE VS. SILICON CARBIDE** sealing faces. Stainless steel metal parts, BUNA-N elastomers.

■ **Shaft:** Corrosion-resistant, stainless steel. Threaded design. Locknut on all models to guard against component damage on accidental reverse rotation.

■ **Fasteners:** 300 series stainless steel.

■ Capable of running dry without damage to components.

■ Designed for continuous operation when fully submerged.

MOTORS

■ Fully submerged in high-grade turbine oil for lubrication and efficient heat transfer.

■ Class B insulation on $\frac{1}{3}$ –1½ HP models.

■ Class F insulation on 2 HP models.

Single phase (60 Hz):

- Capacitor start motors for maximum starting torque.
- Built-in overload with automatic reset.
- SJTOW or STOW severe duty oil and water resistant power cords.
- $\frac{1}{3}$ – 1 HP models have NEMA three prong grounding plugs.
- 1½ HP and larger units have bare lead cord ends.

Three phase (60 Hz):

- Class 10 overload protection must be provided in separately ordered starter unit.
- STOW power cords all have bare lead cord ends.

■ **Designed for Continuous Operation:** Pump ratings are within the motor manufacturer's recommended working limits,

can be operated continuously without damage when fully submerged.

■ **Bearings:** Upper and lower heavy duty ball bearing construction.

■ **Power Cable:** Severe duty rated, oil and water resistant. Epoxy seal on motor end provides secondary moisture barrier in case of outer jacket damage and to prevent oil wicking. Standard cord is 20'. Optional lengths are available.

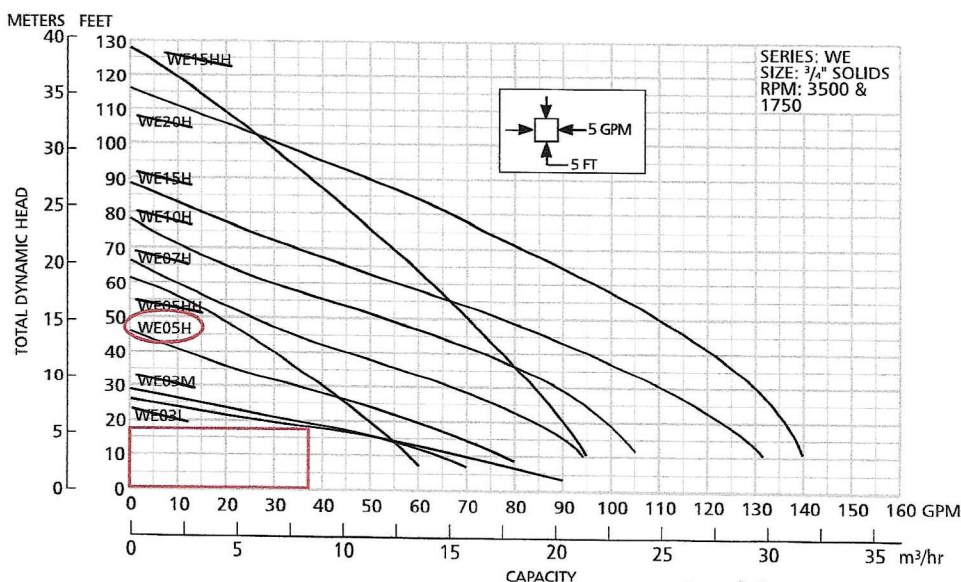
■ **O-ring:** Assures positive sealing against contaminants and oil leakage.

AGENCY LISTINGS



Tested to UL 778 and CSA 22.2 108 Standards By Canadian Standards Association File #LR38549

Goulds Pumps is ISO 9001 Registered.



Goulds Pumps





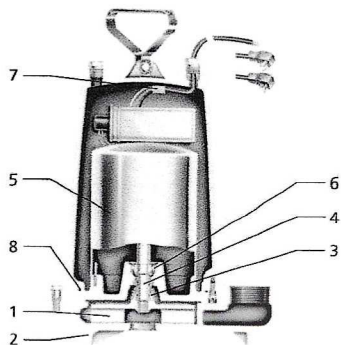
Submersible Effluent Pump

MODEL 3885

WE Series

COMPONENTS

| Item No. | Description |
|----------|-----------------|
| 1 | Impeller |
| 2 | Casing |
| 3 | Mechanical Seal |
| 4 | Motor Shaft |
| 5 | Motor |
| 6 | Ball Bearings |
| 7 | Power Cable |
| 8 | Casing O-Ring |



MODELS

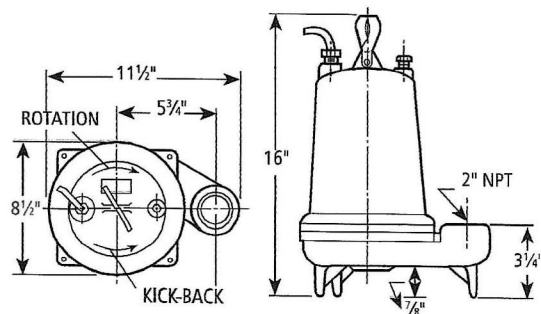
| Order No. | HP | Volts | Phase | Max. Amp. | RPM | Solids | Wt. (lbs.) |
|-----------|-------|-------|-------|-----------|------|--------|------------|
| WE0311L | 1/8 | 115 | 1 | 10.7 | 1750 | 3/4" | 56 |
| WE0318L | | 208 | | 6.8 | | | |
| WE0312L | | 230 | | 4.9 | | | |
| WE0311M | | 115 | | 10.7 | | | |
| WE0318M | | 208 | | 6.8 | | | |
| WE0312M | | 230 | | 4.9 | | | |
| WE0511H | 1/2 | 115 | 3 | 14.5 | 3500 | 3/4" | 60 |
| WE0518H | | 208 | | 8.1 | | | |
| WE0512H | | 230 | | 7.3 | | | |
| WE0538H | | 200 | | 4.9 | | | |
| WE0532H | | 230 | | 3.3 | | | |
| WE0534H | 1/2 | 460 | 3 | 1.7 | 3500 | 3/4" | 60 |
| WE0537H | | 575 | | 1.4 | | | |
| WE0511HH | | 115 | 1 | 14.5 | | | |
| WE0518HH | | 208 | | 8.1 | | | |
| WE0512HH | | 230 | | 7.3 | | | |
| WE0538HH | 1/2 | 200 | 3 | 4.9 | 3500 | 3/4" | 70 |
| WE0532HH | | 230 | | 3.6 | | | |
| WE0534HH | | 460 | | 1.8 | | | |
| WE0537HH | | 575 | | 1.5 | | | |
| WE0718H | 3/4 | 208 | 1 | 11.0 | 3500 | 3/4" | 70 |
| WE0712H | | 230 | | 10.0 | | | |
| WE0738H | | 200 | 3 | 6.2 | | | |
| WE0732H | | 230 | | 5.4 | | | |
| WE0734H | | 460 | | 2.7 | | | |
| WE0737H | 1 | 575 | | 2.2 | 3500 | 3/4" | 70 |
| WE1018H | | 208 | 1 | 14.0 | | | |
| WE1012H | | 230 | | 12.5 | | | |
| WE1038H | | 200 | 3 | 8.1 | | | |
| WE1032H | | 230 | | 7.0 | | | |
| WE1034H | 1 1/2 | 460 | | 3.5 | 3500 | 3/4" | 80 |
| WE1037H | | 575 | | 2.8 | | | |
| WE1518H | | 208 | 1 | 17.5 | | | |
| WE1512H | | 230 | | 15.7 | | | |
| WE1538H | 1 1/2 | 200 | 3 | 10.6 | 3500 | 3/4" | 80 |
| WE1532H | | 230 | | 9.2 | | | |
| WE1534H | | 460 | | 4.6 | | | |
| WE1537H | | 575 | | 3.7 | | | |
| WE1518HH | 1 1/2 | 208 | 1 | 17.5 | 3500 | 3/4" | 80 |
| WE1512HH | | 230 | | 15.7 | | | |
| WE1538HH | | 200 | 3 | 10.6 | | | |
| WE1532HH | | 230 | | 9.2 | | | |
| WE1534HH | | 460 | | 4.6 | | | |
| WE1537HH | 2 | 575 | | 3.7 | 3500 | 3/4" | 80 |
| WE2012H | | 230 | 1 | 18.0 | | | |
| WE2038H | | 200 | 3 | 12.0 | | | |
| WE2032H | | 230 | | 11.6 | | | |
| WE2034H | | 460 | | 5.8 | | | |
| WE2037H | | 575 | | 4.7 | | | |

PERFORMANCE RATINGS (gallons per minute)

| Order No. | WE03L | WE03M | WE05H | WE07H | WE10H | WE15H | WE05HH | WE15HH | WE20H |
|-----------|-------|-------|-------|-------|-------|-------|--------|--------|-------|
| HP | 1/8 | 1/8 | 1/2 | 3/4 | 1 | 1 1/2 | 1/2 | 1 1/2 | 2 |
| RPM | 1750 | 1750 | 3500 | 3500 | 3500 | 3500 | 3500 | 3500 | 3500 |
| 5 | 86 | — | — | — | — | — | — | — | — |
| 10 | 70 | 63 | 78 | 94 | — | — | 58 | 95 | — |
| 15 | 52 | 52 | 70 | 90 | 103 | 128 | 53 | 93 | 138 |
| 20 | 27 | 35 | 60 | 83 | 98 | 123 | 49 | 90 | 136 |
| 25 | — | — | 48 | 76 | 94 | 117 | 45 | 87 | 133 |
| 30 | — | — | 35 | 67 | 88 | 110 | 40 | 83 | 130 |
| 35 | — | — | 22 | 57 | 82 | 103 | 35 | 80 | 126 |
| 40 | — | — | — | 45 | 74 | 95 | 30 | 77 | 121 |
| 45 | — | — | — | 35 | 64 | 86 | 25 | 74 | 116 |
| 50 | — | — | — | 25 | 53 | 77 | — | 70 | 110 |
| 55 | — | — | — | — | 40 | 67 | — | 66 | 103 |
| 60 | — | — | — | — | 30 | 56 | — | 63 | 96 |
| 65 | — | — | — | — | 20 | 45 | — | 58 | 89 |
| 70 | — | — | — | — | — | 35 | — | 55 | 81 |
| 75 | — | — | — | — | — | 25 | — | 51 | 74 |
| 80 | — | — | — | — | — | — | — | 47 | 66 |
| 90 | — | — | — | — | — | — | — | 37 | 49 |
| 100 | — | — | — | — | — | — | — | 28 | 30 |

DIMENSIONS

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



Goulds Pumps is a brand of ITT Water Technology, Inc. — a subsidiary of ITT Industries, Inc.

Goulds Pumps and the ITT Engineered Blocks Symbol are registered trademarks and tradenames of ITT Industries.

Goulds Pumps



MODEL TD Control Panel

Single phase, simplex timed dosing pump control.

The Model TD control panel provides a reliable means of controlling one single phase pump in onsite septic installations. A programmable timer activates a magnetic motor contactor to turn the pump on and off. A low level cutout float overrides the timer to prevent the pump from running dry. An alarm float activates the audio/visual alarm system indicating a high liquid level. Common applications include sand filter systems, pressure distribution systems, mound systems, or any application requiring a timed dose.

PANEL COMPONENTS

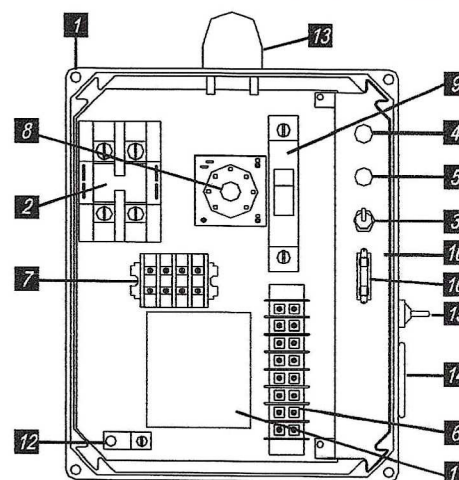
1. **Enclosure** measures 10 x 8 x 4 inches (25.40 x 20.32 x 10.16 cm) NEMA 4X (ultraviolet stabilized thermoplastic with removable flanges for outdoor or indoor use).
2. **Magnetic Motor Contactor** controls pump by switching electrical lines.
3. **HOA Switch** for manual pump control.
4. **Control Fuse**
5. **Alarm Fuse**
6. **Float Switch Terminal Block**
7. **Incoming Power Terminal Block**
8. **Programmable Timer** with separate variable controls allows for setting the on and off times from .05 seconds to 30 hours.
9. **Circuit Breaker** provides pump disconnect and branch circuit protection.
10. **Spare Fuse**
11. **Backplate Label** includes diagram of float, pump, and power connections.
12. **Ground Lug**

NOTE: Timer Installation Label and Pump/Float Switch Installation Specification Label are located inside the panel on enclosure cover.

STANDARD ALARM PACKAGE

13. **Red Alarm Beacon** provides 360° visual check of alarm condition.
14. **Alarm Horn** provides audio warning of alarm condition (83 to 85 decibel rating).
15. **Exterior Alarm Test/Normal/Silence Switch** allows horn and light to be tested and horn to be silenced in an alarm condition. Alarm automatically resets once alarm condition is cleared.
16. **Horn Silence Relay** (mounted under bracket).

NOTE: other options available.



Model Shown TD1W914X

FEATURES

- Entire control system (panel and switches) is UL Listed to meet and/or exceed industry safety standards
- Dual safety certification for the United States and Canada
- Standard package includes one 20' SJE PumpMaster® pump switch and one 20' Sensor Float® control switch
- Complete with step-by-step installation instructions
- Three-year limited warranty



SJE
Rhombus
CONTROLS

PO Box 1708, Detroit Lakes, MN 56502
1-888-DIAL-SJE • 1-218-847-1317
1-218-847-4617 Fax
email: sje@sjerhombus.com

Property Information - 9585 S DUPONT HWY, FELTON - (8 00 12901 01 3700 000)

Summary

Buildings

Transfers

Billing

Permits

Map

Taxable Assessment



PRINT



BACK



NEW SEARCH

Parcel Information

Map Number: 8 00 12901 01 3700 000

Location ID/User Account#: 41441

Property Type: C

Account Type:

Lot#:

Subdivision: ORCHARD ACRES

Legal Description:

E SD RT 13 0.714 AC 9585 SOUTH DUPONT HWY

Tax Account ID: 41441

GIS Coord: E-459012 N-376108

Deed BVP: D 7987/158

Plat Book: 00000

Acres: 0.71

Total Commercial SQFT: 1504 SQFT

District Information

Levy Court District: 6TH

<https://www.kentcountyde.gov/Elected-Officials/Sixth-District-Commissioner>

Fire: 48_F Felton Community

School District: SC22 LAKE FOREST

Ambulance: 48_A Felton Community

Storm Water Management:

Tax Ditch:

Sewer:

Trash:

Light:

Owner

Name:

STANLEY LAWRENCE SR.

Owners Mailing Address:

1982 HALLTOWN RD
HARTLY, DE 19953

Location Information

Location Addresses:

9585 S DUPONT HWY, FELTON, DE 19943

Zoning Information

Zone:

RMH - Residential Manf/Home

Assessed Values

Land : \$137,000

Buildings: \$105,600

Total: \$242,600

« Back

New Search »