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4. Access and Maintenance Agreement

PROCESS FOR CONNECTING TO THE LOW PRESSURE SEWER SYSTEM

1. The owner shall submit to the City a site plan showing the location of the existing septic tank, location of the new e-one pump, alarm panel, and the pressure line to the public system.
2. The owner shall fill out the Sewer Connection Application
3. The owner shall pay the Sewer System Development Fee (\$3,778.00.00 in year 2017) to the City
4. The owner shall pay an inspection fee of \$100 to the City
5. The owner shall pay the Reimbursement District Fee if applicable
6. The owner shall sign the access easement that will allow the City access to your property to maintain the pumps.
7. The owner shall obtain a plumbing permit from Lincoln County for inspection of the sewer system on private property.
8. The owner shall obtain an electrical permit from Lincoln County for inspection of the pump and pump alarm panel.
9. The owner shall purchase the e-one pump system and have a contractor install the system.
10. Have your contractor schedule inspections from the City, Lincoln County Plumbing, and Lincoln County electrical inspectors.
11. The owner or his contractor shall schedule an inspection by the e-one local representative that will certify that the pump installation has been installed correctly. Submit a copy of the Start-Up report from the local representative to the City.
12. The owner shall sign the Access Easement and Maintenance Agreement.

Lincoln County phone number for inspections and permits: 541-265-4192

Lincoln City Public Works Department

801 SW Hwy 101 - PO Box 50 - Lincoln City, OR 97367

(541) 996-2154 or (541) 996-1013

Pressure Sewer Connection Application for NE Lake-Voyage Local Improvement District

Map and Tax Number

Application Date

Property Owner (s)

Contractor

Property Address

Contractor Address

Owner Phone

Contractor Phone

Standard Conditions - See Attached

I (we), the property owner(s) of _____, understand it is my responsibility to follow the attached Standard Conditions.

Owner Signature

Date

City Engineer Approval

Date

Owner Signature

Date

Public Works Director Approval

Date

Fees

(415) System Development Charge (<i>Reimbursement Fee</i>)	_____	\$2,497.00
(416) System Development Charge (<i>Improvement Fee</i>)	_____	\$1,299.00
(417) Public Works Inspection Fee	_____	\$100.00
(426) Maintenance Agreement Recording Fee	_____	\$68.00
Total	_____	\$3,964.00

WH231/WR231

General Features

The model WH231 or WR231 grinder pump station is a complete unit that includes: the grinder pump, check valve, polyethylene tank, controls, and alarm panel. The lower portion of the tank has a smaller diameter, tapered down to a dish-shaped bottom. These design features reduce the retained volume and promote scouring, which will minimize odor and corrosiveness.

- Rated for flows of 850 gpd (3218 lpd)
- 237 gallons (874 liters) of capacity
- Standard outdoor heights range from 55 inches to 92 inches

The WH231 is the "hardwired," or "wired," model where a cable connects the motor controls to the level controls through watertight penetrations.

The WR231 is the "radio frequency identification" (RFID), or "wireless," model that uses wireless technology to communicate between the level controls and the motor controls.

Operational Information

Motor

1 hp, 1,725 rpm, high torque, capacitor start, thermally protected, 120/240V, 60 Hz, 1 phase

Inlet Connections

4-inch inlet grommet standard for DWV pipe. Other inlet configurations available from the factory.

Discharge Connections

Pump discharge terminates in 1.25-inch NPT female thread. Can easily be adapted to 1.25-inch PVC pipe or any other material required by local codes.

Discharge

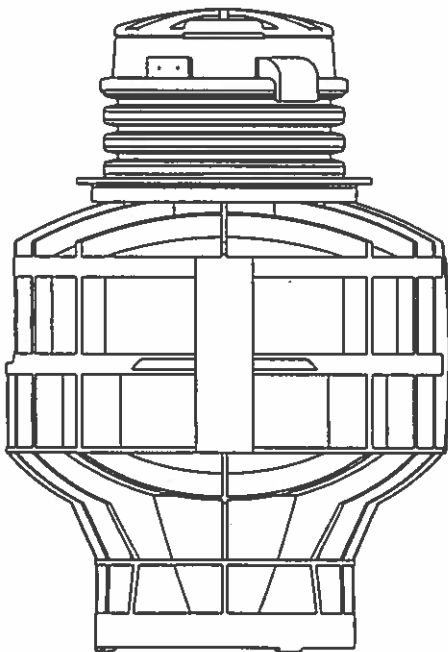
15 gpm at 0 psig (0.95 lps at 0 m)
11 gpm at 40 psig (0.69 lps at 28 m)
7.8 gpm at 80 psig (0.49 lps at 56 m)

Accessories

E/One recommends that the Uni-Lateral, E/One's own stainless steel check valve, be installed between the grinder pump station and the street main for added protection against backflow.

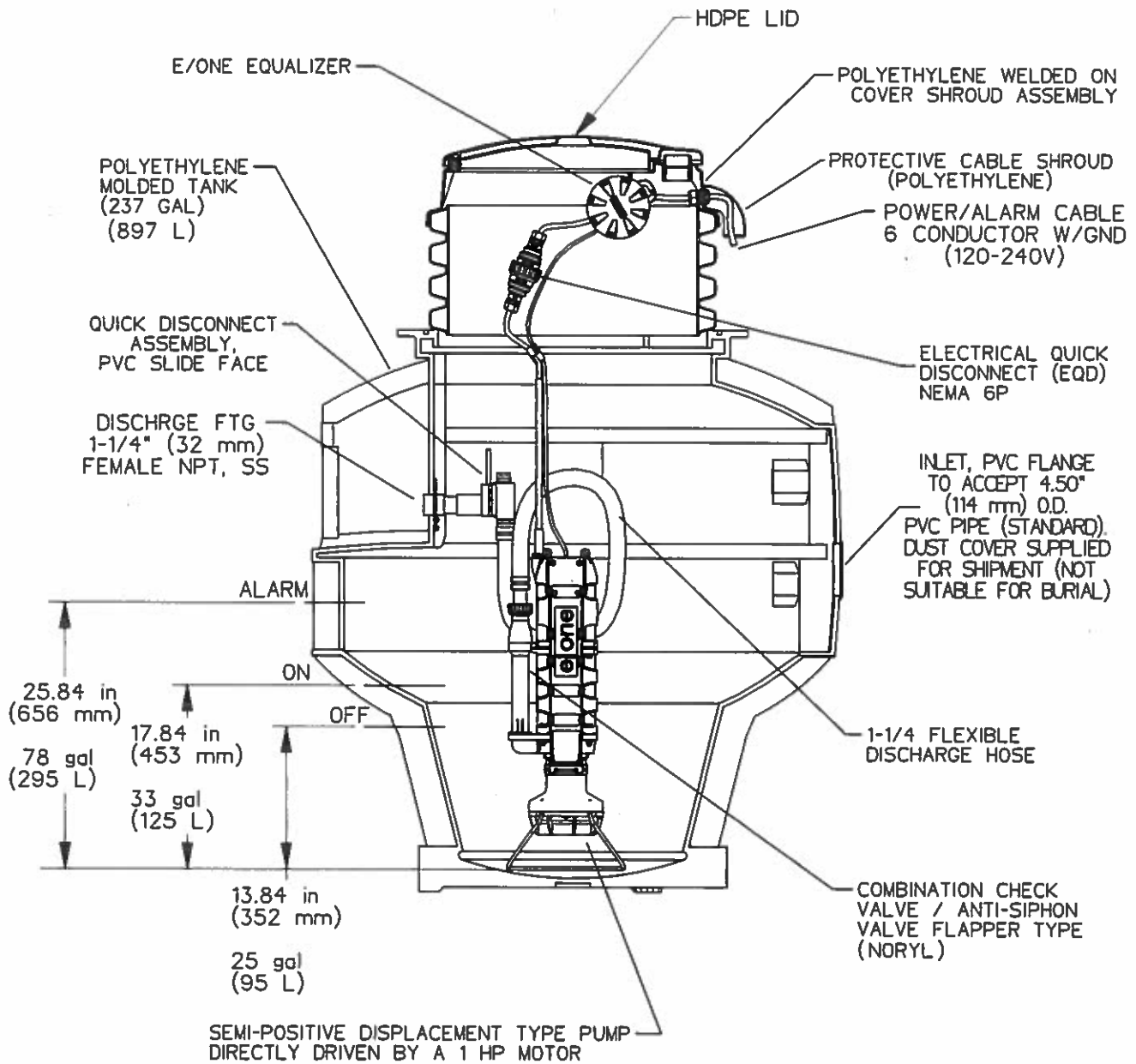
Alarm panels are available with a variety of options, from basic monitoring to advanced notice of service requirements.

The Remote Sentry is ideal for installations where the alarm panel may be hidden from view.




Patent Numbers: 5,752,315
5,562,254 5,439,180

OPTIONS : **WH231** (HARD WIRED LEVEL CONTROLS)
 WR231 (WIRELESS LEVEL CONTROLS)



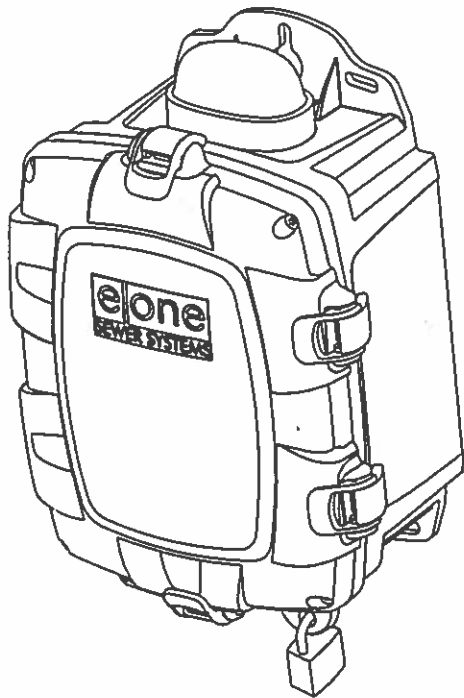
CONCRETE BALLAST MAY BE REQUIRED
 SEE INSTALLATION INSTRUCTIONS
 FOR DETAILS

NOTE: DIMENSIONS ARE FOR REF ONLY

AD	SGS	12/23/10	F	
DR BY	CHK'D	DATE	ISSUE	SCALE
				
MODEL WH231 / WR231 DETAIL SHEET				
NA0059P02				

E/One Sentry™

Alarm Panel — Protect Package



Description

The E/One Sentry panels are custom designed for use with Environment One grinder pump stations. They can be configured to meet the needs of your application, from basic alarm indication to advanced warning of pending service requirements.

E/One Sentry panels are supplied with audible and visual high level alarms. They are easily installed in accordance with relevant national and local codes. Standard panels are approved by UL, CSA, CE and NSF to ensure high quality and safety.

The panel features a corrosion-proof, NEMA 4X-rated, thermoplastic enclosure. A padlock is provided to prevent unauthorized entry (safety front).

Standard Features

Includes all features of the basic configuration of the E/One Sentry panel, including circuit breakers, 240 or 120 VAC service, terminal blocks and ground lugs, audible alarm with manual silence, manual run feature and run indicator, redundant "Start" function with high level alarm, safety front, conformal-coated board, overload protection, as well as:

Trouble indication that shuts down the pump temporarily in the event of an unacceptable operating condition, including:

- Brownout conditions with the electrical power supply
- System over-pressure condition such as with a closed valve
- Run-dry operation of the pump

Inner cover (dead front)

Contact group — dry and Remote Sentry

Optional Features

Hour meter

Generator receptacle with auto transfer

GFCI

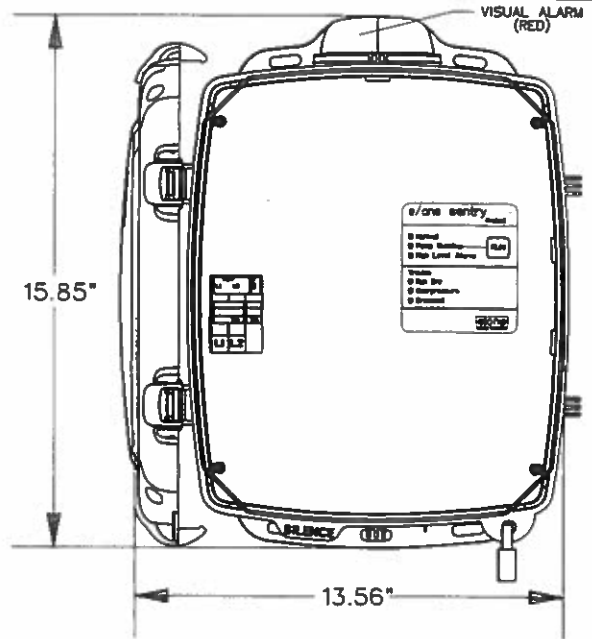
Main service disconnect

Please consult factory for special applications.

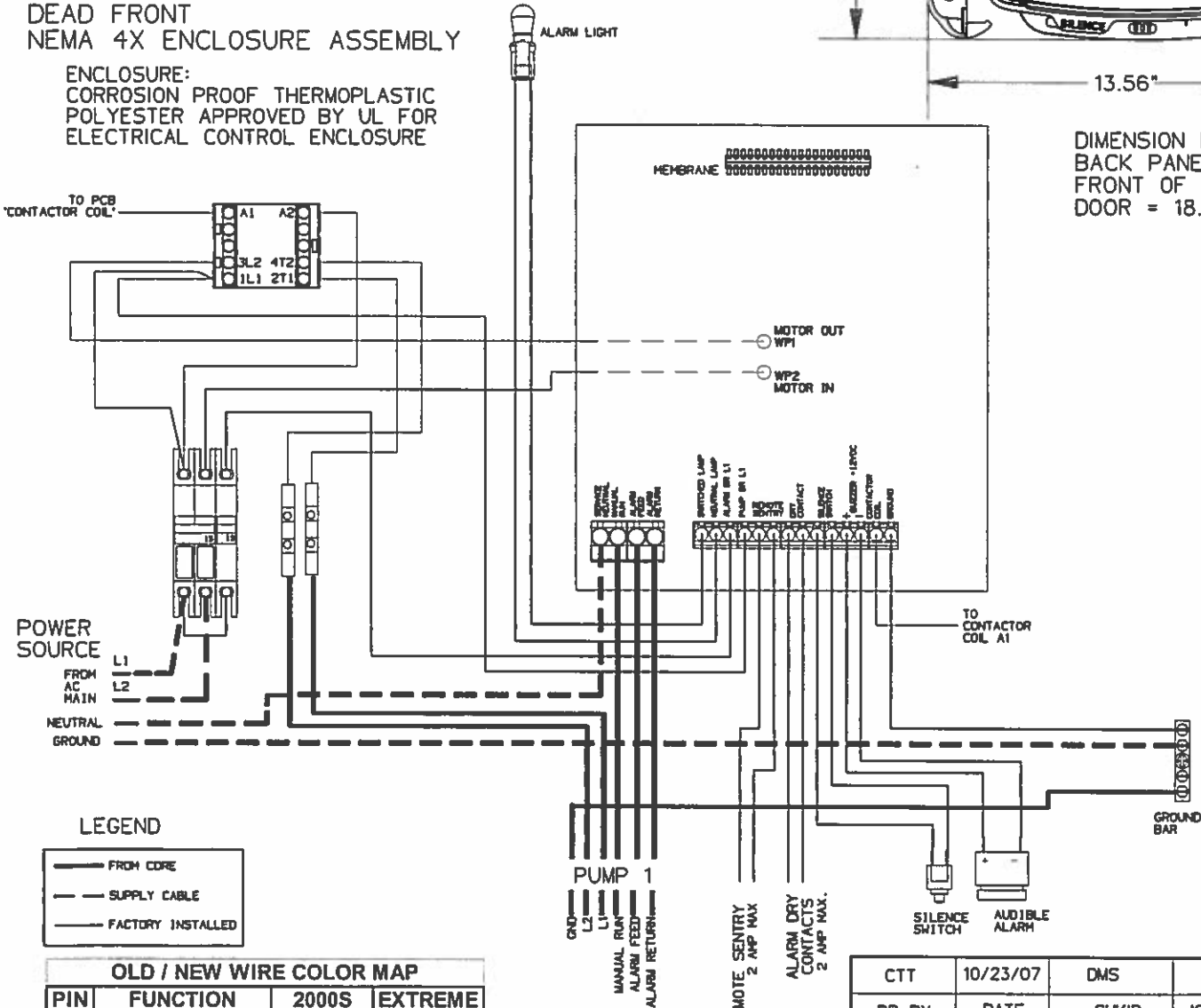
SENTRY PROTECT SIMPLEX

- REDUNDANT RUN (HIGH LEVEL)
- EXTERNAL VISUAL & AUDIBLE ALARM
- REMOTE SENTRY DRY CONTACTS FOR
OPTIONAL POWER LOSS HIGH LEVEL
ALARM (POWER LOSS ALARM FOR WIRELESS)
- MANUAL ALARM SILENCE
- MANUAL RUN
- STATUS LED'S: NORMAL, PUMP RUNNING, HIGH LEVEL
- TROUBLE LED'S: RUN DRY, OVERPRESSURE, BROWNOUT
- DRY CONTACTS
- CONFORMAL COATED CIRCUIT BOARD (BOTH SIDES)
- PADLOCK
- DEAD FRONT
- NEMA 4X ENCLOSURE ASSEMBLY

ENCLOSURE:
CORROSION PROOF THERMOPLASTIC
POLYESTER APPROVED BY UL FOR
ELECTRICAL CONTROL ENCLOSURE



DIMENSION FROM
BACK PANEL TO
FRONT OF OPEN
DOOR = 18.02"



LEGEND

	FROM CORE
	SUPPLY CABLE
	FACTORY INSTALLED

OLD / NEW WIRE COLOR MAP

PIN	FUNCTION	2000S	EXTREME
1	MANUAL RUN	RED	BROWN
2	L1	BLACK	RED
3	L2	WHITE	BLACK
4	GND	GREEN	GRN/YEL
5	ALARM FEED	ORANGE	YELLOW
6	ALARM RETURN	BLUE	BLUE

CONTROL CABLE:
TYPE TC: DIRECT BURIAL,
SIX CONDUCTOR



LR29266



LISTED 5060



CTT	10/23/07	DMS	B	06/23/11
DR BY	DATE	CHK'D	ISSUE	DATE



SEWER SYSTEMS

SENTRY SIMPLEX PROTECT PANEL, 240V
60Hz DOUBLE POLE POWER

NA0075P03

TYPICAL LATERAL INSTALLATION

