

WH471/WR471

General Features

The model WH471 or WR471 grinder pump station is a complete unit that includes: the grinder pump, check valve, polyethylene tank, controls, and alarm panel. Designed specifically for higher-flow applications where local codes dictate higher storage requirements. The lower portion of the tank has a smaller diameter, tapered down to a dish-shaped bottom. The tank access opening is ideally sized for smaller diameter, low-profile covers for minimal “footprint.”

- Rated for flows of 2000 gpd (7571 lpd)
- 476 gallons (1802 liters) of capacity
- Standard outdoor heights range from 77 inches to 122 inches

The WH471 is the “hardwired,” or “wired,” model where a cable connects the motor controls to the level controls through watertight penetrations.

The WR471 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

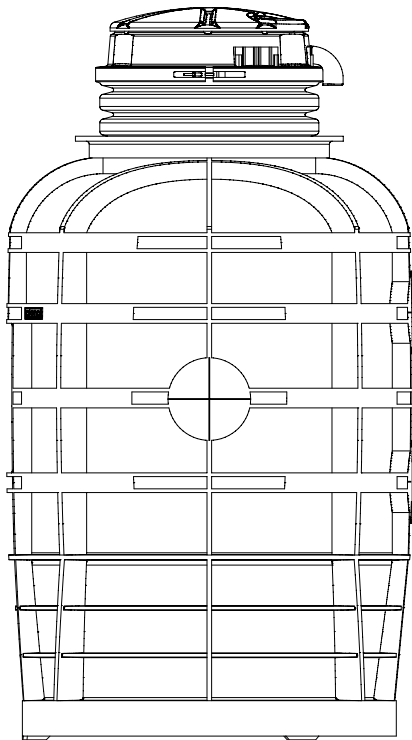
15 gpm at 0 psig (0.95 lps at 0 m)
11 gpm at 40 psig (0.69 lps at 28 m)
7.8 gpm at 80 psig (0.49 lps at 56 m)

Accessories

E/One requires 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.

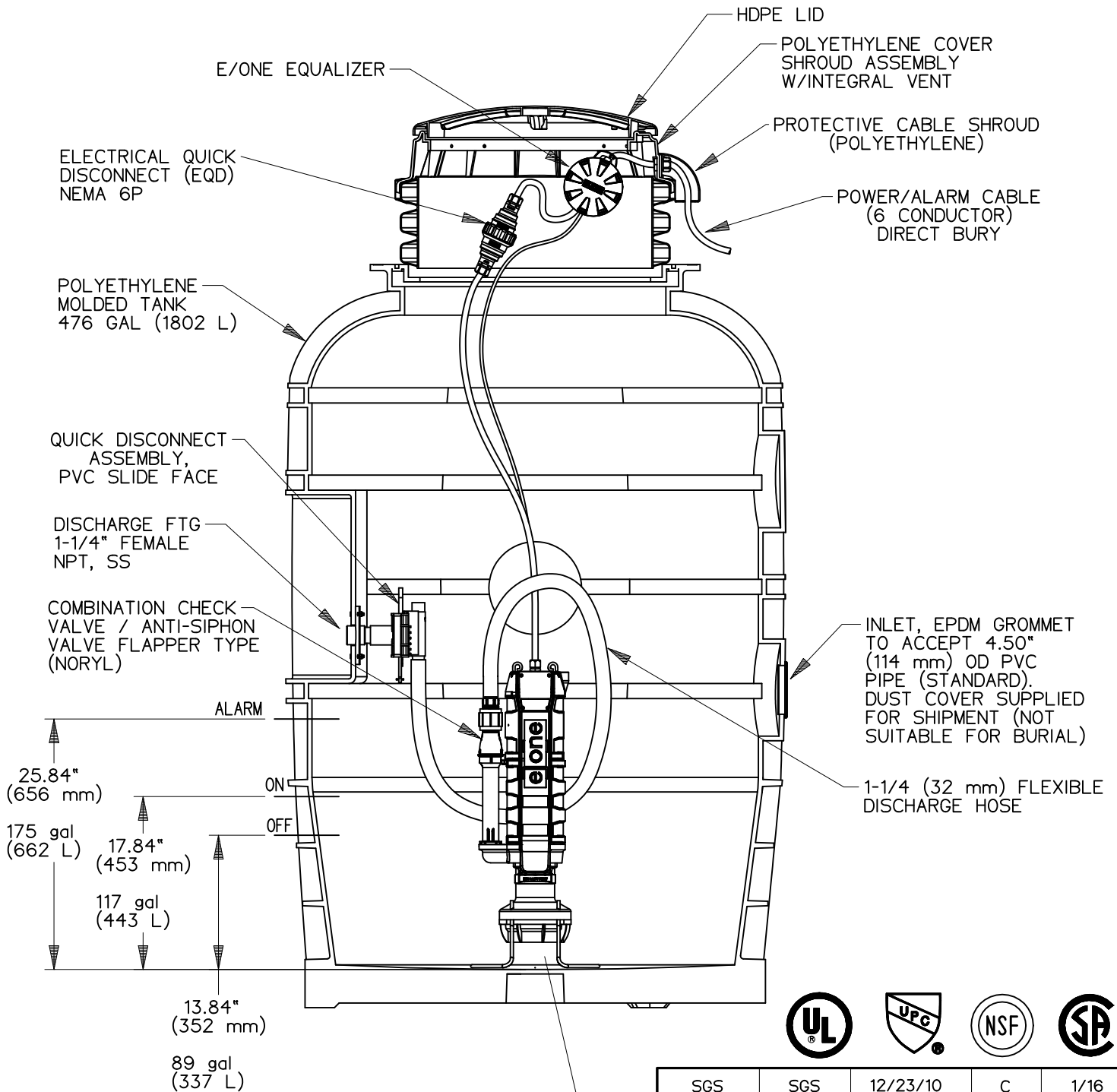


OPTIONS : WH471

(HARD WIRED
LEVEL CONTROLS)

WR471

(WIRELESS
LEVEL CONTROLS)



CONCRETE BALLAST MAY BE REQUIRED
SEE INSTALLATION INSTRUCTIONS
FOR DETAILS

NOTE: DIMENSIONS ARE FOR REFERENCE ONLY



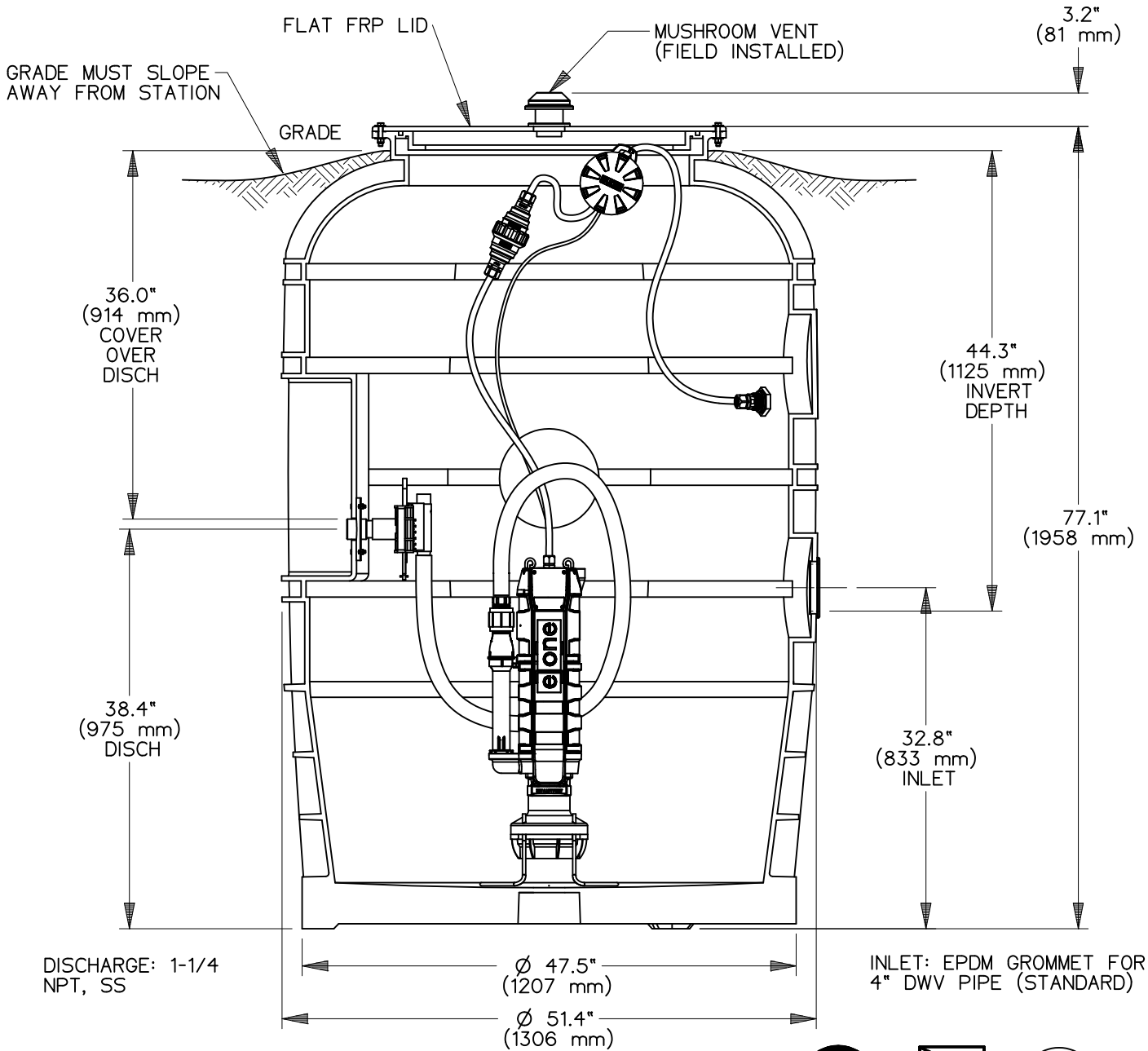
SGS	SGS	12/23/10	C	1/16
DR BY	CHK'D	DATE	ISSUE	SCALE



MODEL WH471 / WR471
DETAIL SHEET

NA0210P02

OPTIONS : **WH471-77** (HARD WIRED LEVEL CONTROLS)
 WR471-77 (WIRELESS LEVEL CONTROLS)



SGS	SGS	12/23/10	B	1/16
DR BY	CHK'D	DATE	ISSUE	SCALE



MODEL WH471-77 / WR471-77

NA0210P03

CONCRETE BALLAST MAY BE REQUIRED
 SEE INSTALLATION INSTRUCTIONS
 FOR DETAILS

NOTE: DIMENSIONS ARE FOR REFERENCE ONLY

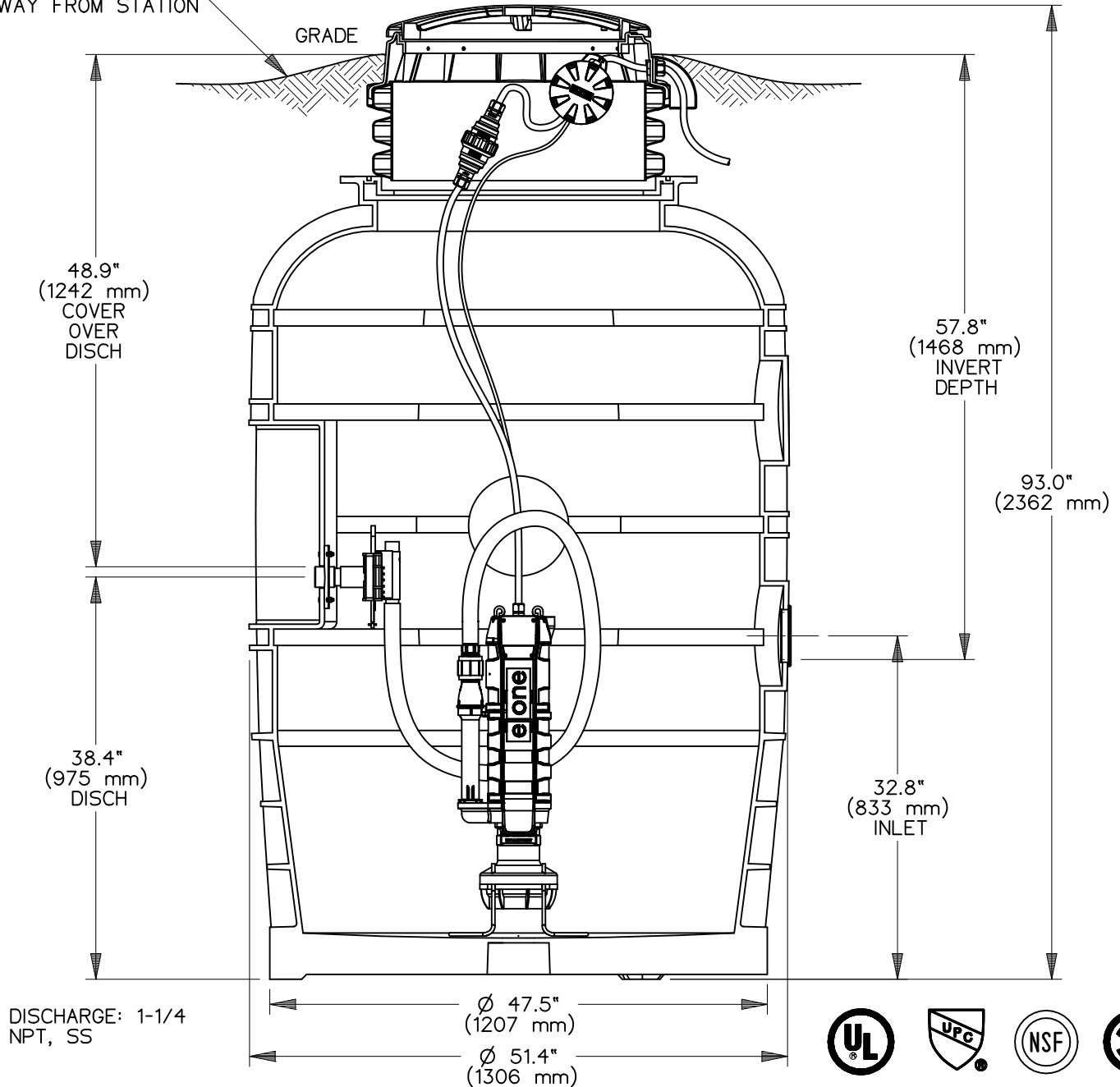
OPTIONS : **WH471-92**

(HARD WIRED
LEVEL CONTROLS)

WR471-92

(WIRELESS
LEVEL CONTROLS)

GRADE MUST SLOPE
AWAY FROM STATION



INLET: EPDM GROMMET FOR
4" DWV PIPE (STANDARD)

CONCRETE BALLAST MAY BE REQUIRED
SEE INSTALLATION INSTRUCTIONS
FOR DETAILS

NOTE: DIMENSIONS ARE FOR REFERENCE ONLY

SGS	SGS	12/23/10	B	1/16
DR BY	CHK'D	DATE	ISSUE	SCALE



MODEL WH471-92 / WR471-92

NA0210P04

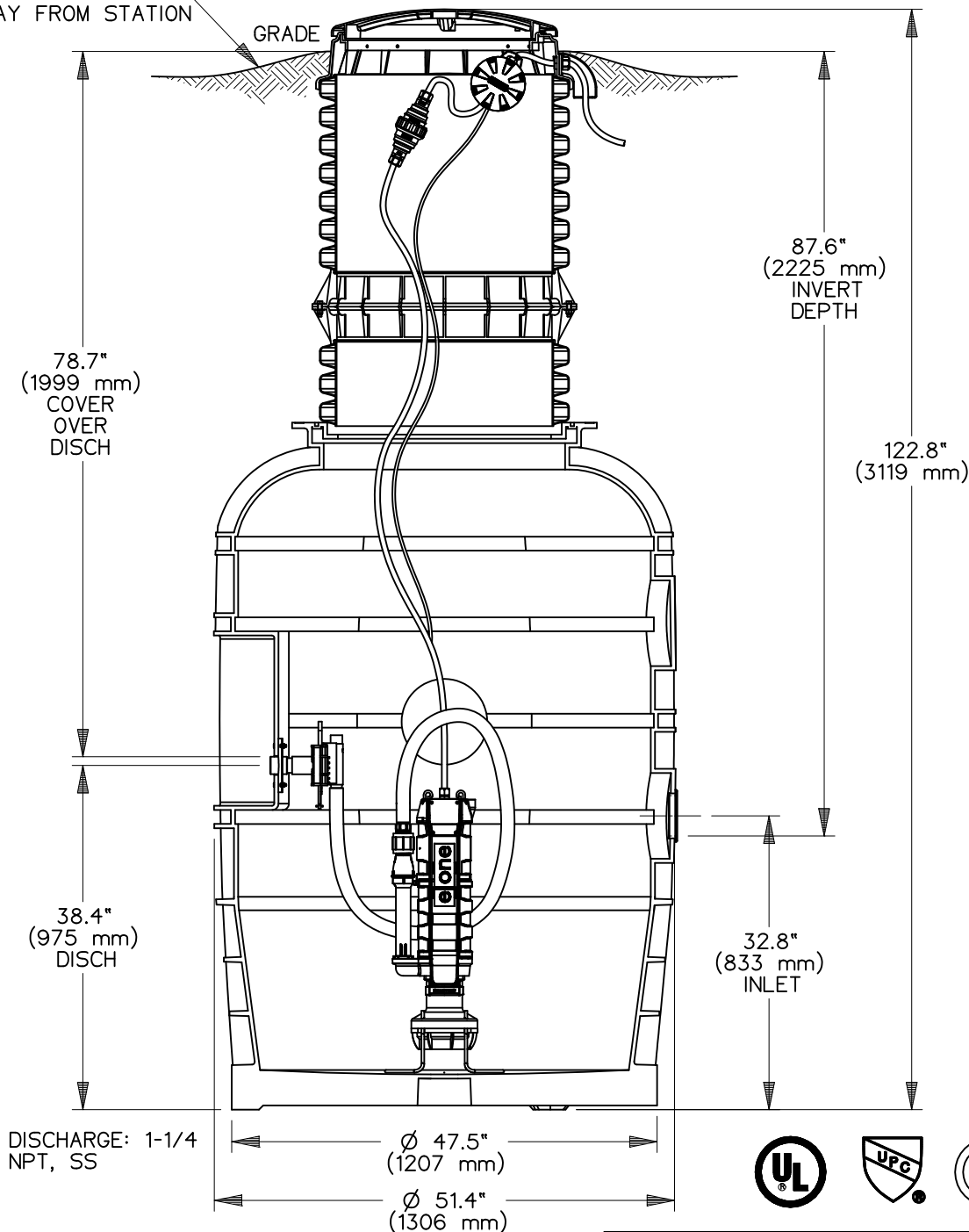
OPTIONS : **WH471-122**

(HARD WIRED
LEVEL CONTROLS)

WR471-122

(WIRELESS
LEVEL CONTROLS)


GRADE MUST SLOPE
AWAY FROM STATION



INLET: EPDM GROMMET FOR
4" DWV PIPE (STANDARD)

CONCRETE BALLAST MAY BE REQUIRED
SEE INSTALLATION INSTRUCTIONS
FOR DETAILS

NOTE: DIMENSIONS ARE FOR REFERENCE ONLY

SGS	SGS	12/23/10	B	1/16
DR BY	CHK'D	DATE	ISSUE	SCALE
				
MODEL WH471-122 / WR471-122				
NA0210P05				