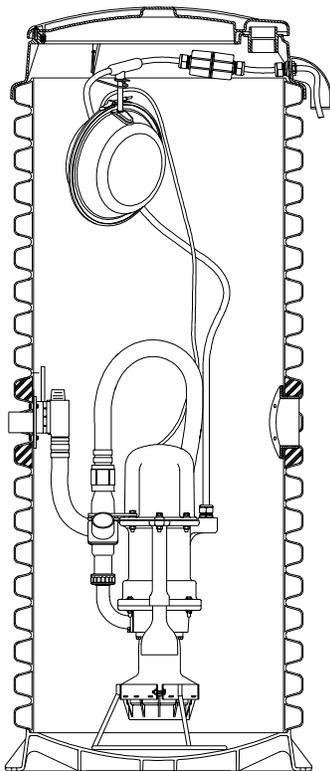


GP 1010



General Applications

The size, efficiency and operating economy of the GP 1010 make it your best choice for single dwellings, waterfront property, subdivision developments and marinas. The GP 1010 is ideally suited for both new and existing communities.

Features

The GP 1010 is a complete unit that includes: the grinder pump, check valve, HDPE (high density polyethylene) tank and controls.

All solids are ground into fine particles, allowing them to pass easily through the pump, check valve, and small diameter pipe lines. Even objects that are not normally found in sewage, such as plastic, rubber, fiber, wood, etc. are ground into fine particles.

The 1-1/4" inch discharge connection is adaptable to any piping materials, thereby allowing us to meet your local code requirements.

The tank is made of tough corrosion-resistant HDPE. The optimum tank capacity of 70 gallons is based upon computer studies of water usage patterns. A single GP 1010 can accommodate the sewage flow from two single family homes or 700 gallons per day.

The internal check valve assembly, located in the grinder pump, is custom designed for non-clog, trouble-free operation.

The grinder pump is automatically

activated. It runs infrequently for very short periods. The annual energy consumption is typically that of a 40 watt light bulb.

Units are available for indoor and outdoor installations. Outdoor units are designed to accommodate a wide range of depths.

Operational Information

Motor

1 HP, 1,725 RPM, high torque, capacitor start, thermally protected, 120/240 V / 60 Hz, one phase

Inlet Connections

4" PVC inlet flange for schedule 40 pipe

Discharge Connections

Pump discharge terminates in 1-1/4" socket for PVC solvent weld. Can easily be adapted to 1-1/4" PVC pipe or any other material required by local codes.

Discharge*

15 gpm at 0 psig

11 gpm at 40 psig

9 gpm at 60 psig

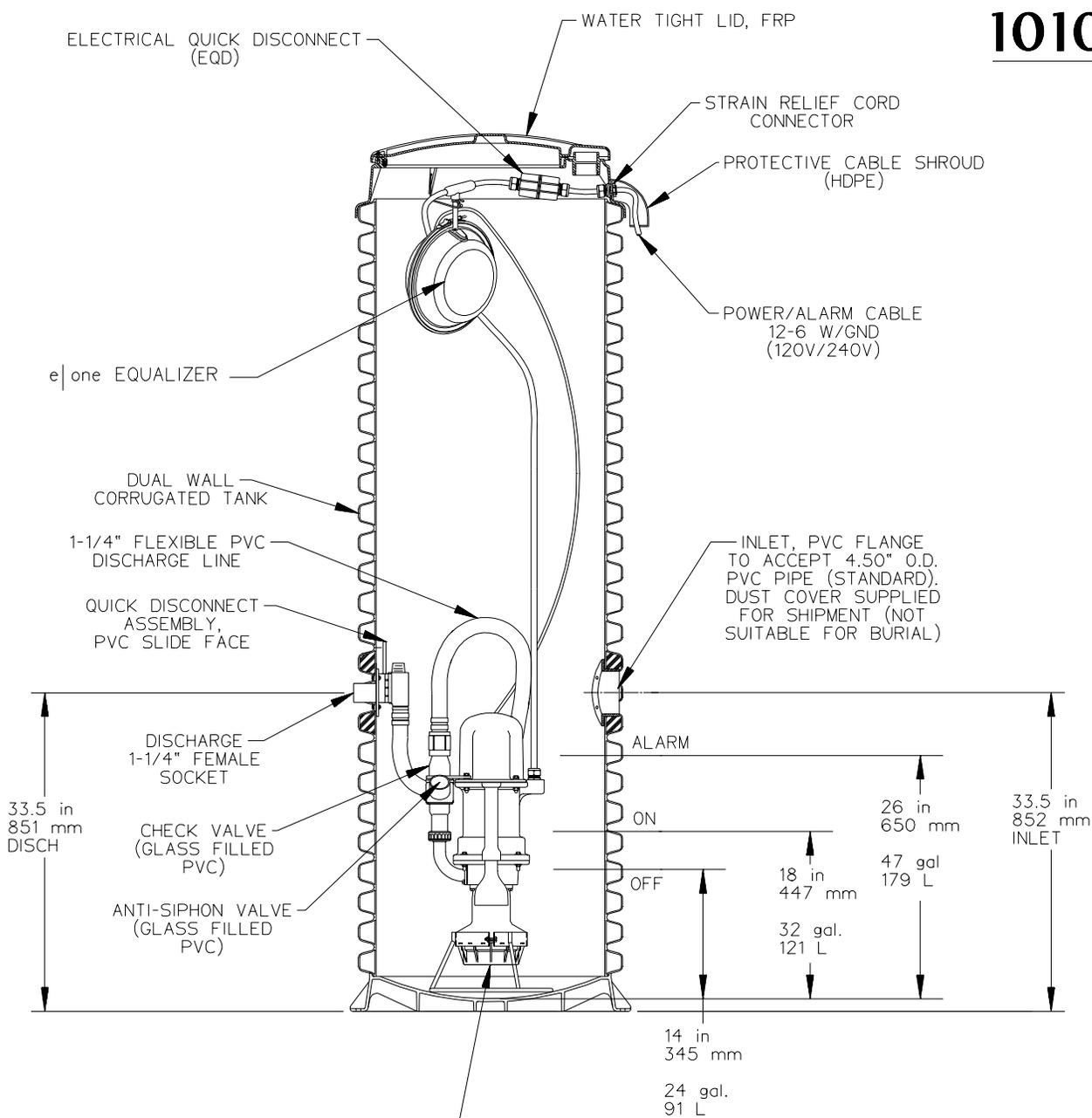
Overload Capacity

The maximum pressure that the pump can generate is limited by the motor characteristics. The motor generates a pressure well below the rating of the piping and appurtenances. The automatic reset feature does not require manual operation following overload.

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

* Discharge data includes loss through check valve, which is minimal.

1010



SEMI-POSITIVE DISPLACEMENT TYPE PUMP
 DIRECTLY DRIVEN BY A 1 HP MOTOR
 CAPABLE OF DELIVERING 9 gpm AT 138' T.D.H.
 (34 lpm AT 42m T.D.H.)



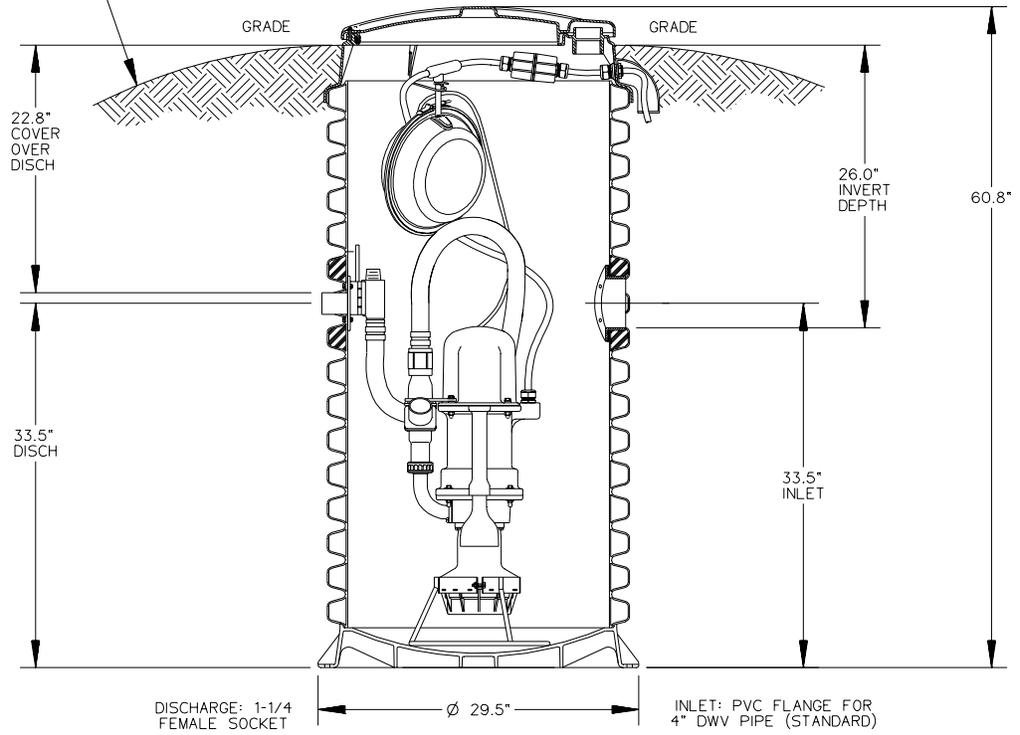
BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED
 ON ALL MODEL 1010 STATIONS
 SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED
 TO ACHIEVE NECESSARY BALLAST EFFECT
 SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS

SGS		09/18/01	A	1/16
DR BY	CHK'D	DATE	ISSUE	SCALE
DETAIL SHEET, 1000 SERIES				
LM000209				

1010-60

GRADE MUST SLOPE AWAY FROM STATION



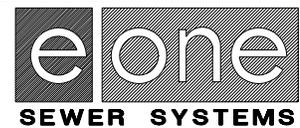
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DR BY	CHK'D	DATE	ISSUE	SCALE

BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED ON ALL MODEL 1010-60 STATIONS

SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT

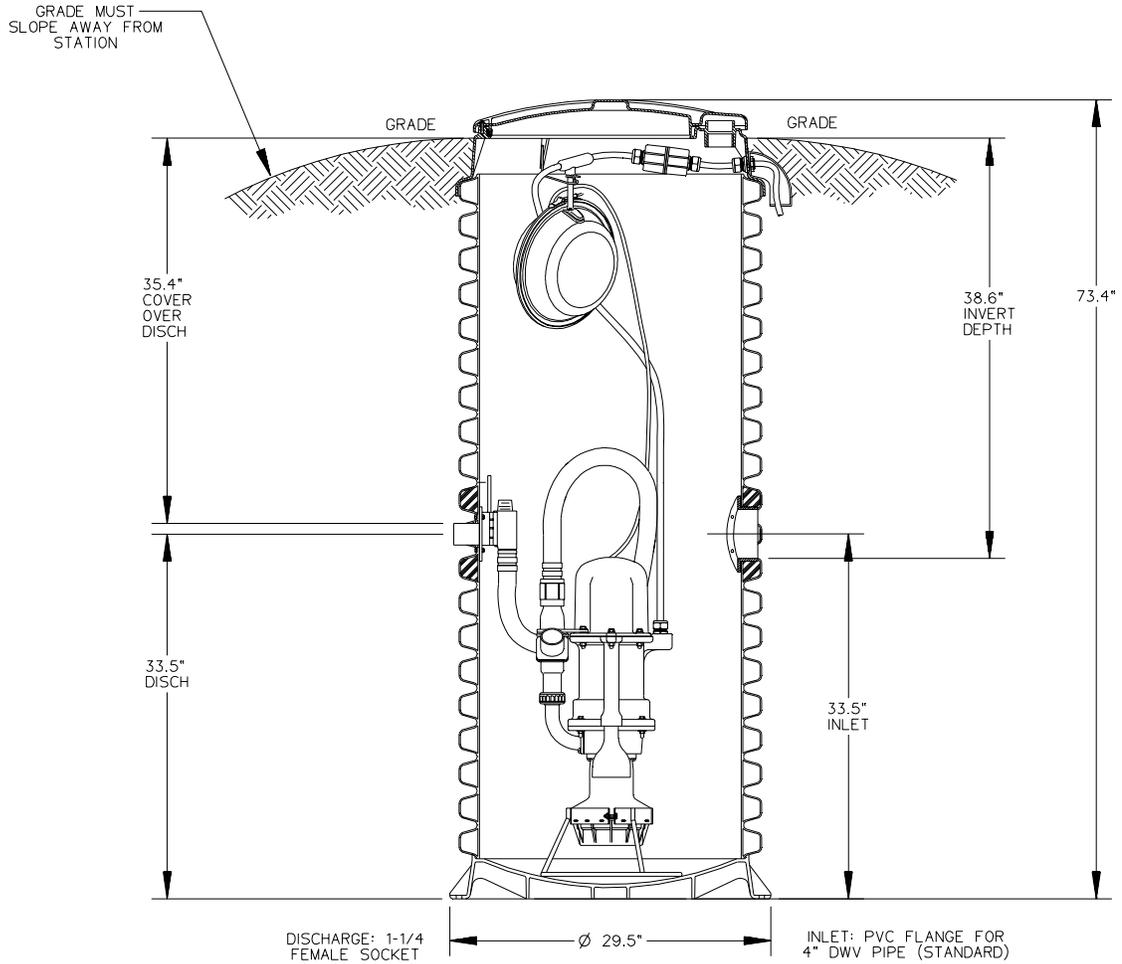
SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS



MODEL 1010-60

LM000204

1010-74



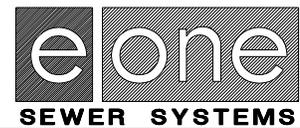
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BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED ON ALL MODEL 1010-74 STATIONS

SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT

SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS

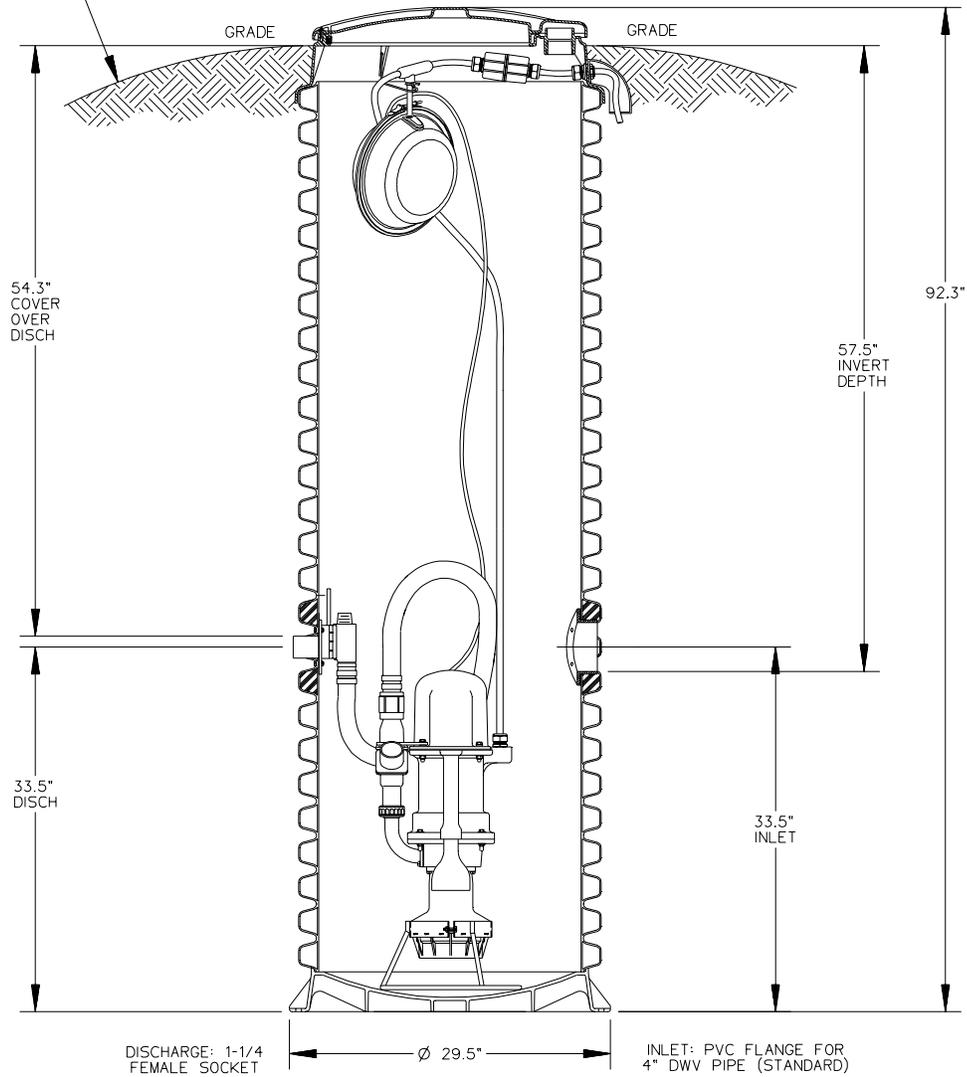


MODEL 1010-74

LM000205

1010-92

GRADE MUST SLOPE AWAY FROM STATION



54.3" COVER OVER DISCH

92.3"

57.5" INVERT DEPTH

33.5" DISCH

33.5" INLET

DISCHARGE: 1-1/4 FEMALE SOCKET

Ø 29.5"

INLET: PVC FLANGE FOR 4" DWV PIPE (STANDARD)



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BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED ON ALL MODEL 1010-92 STATIONS

SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT

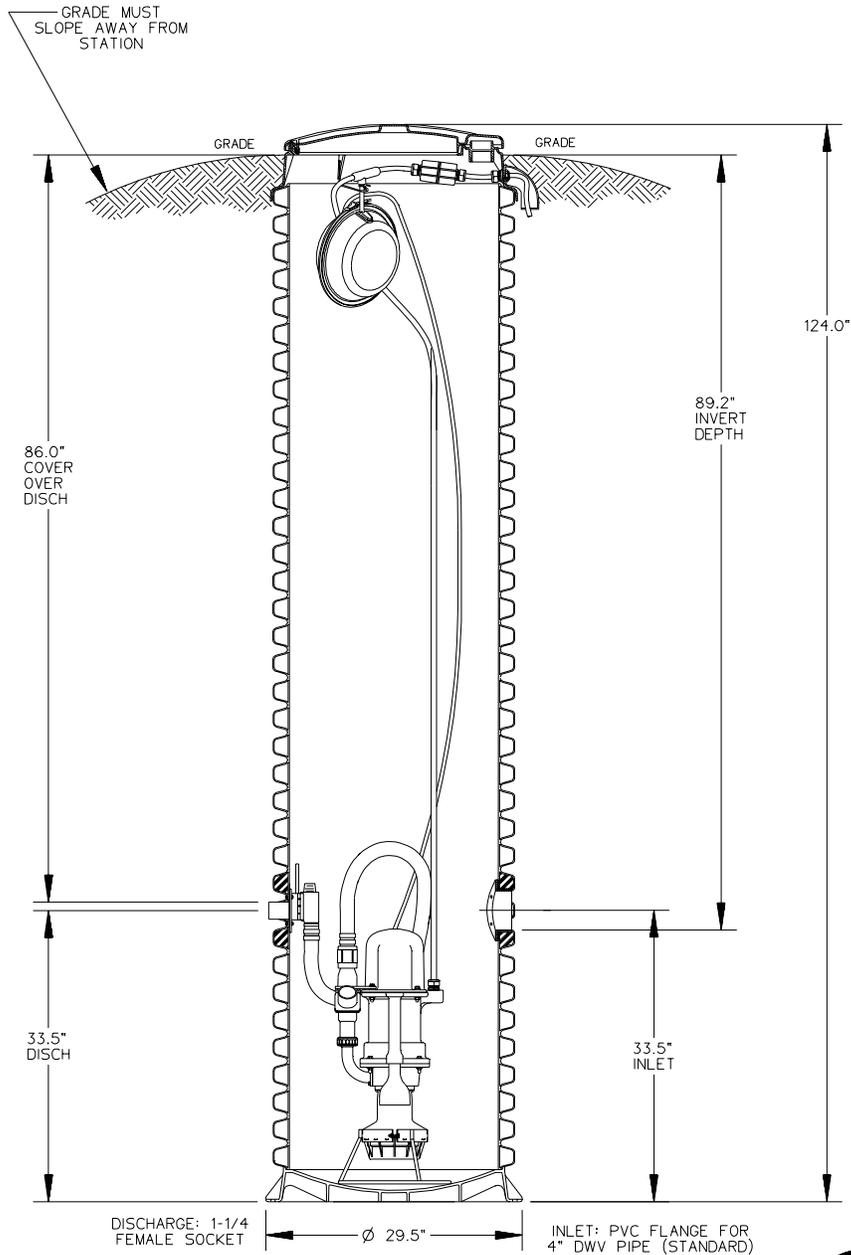
SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS



MODEL 1010-92

LM000206

1010-124



BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED ON ALL MODEL 1010-124 STATIONS

SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT

SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS

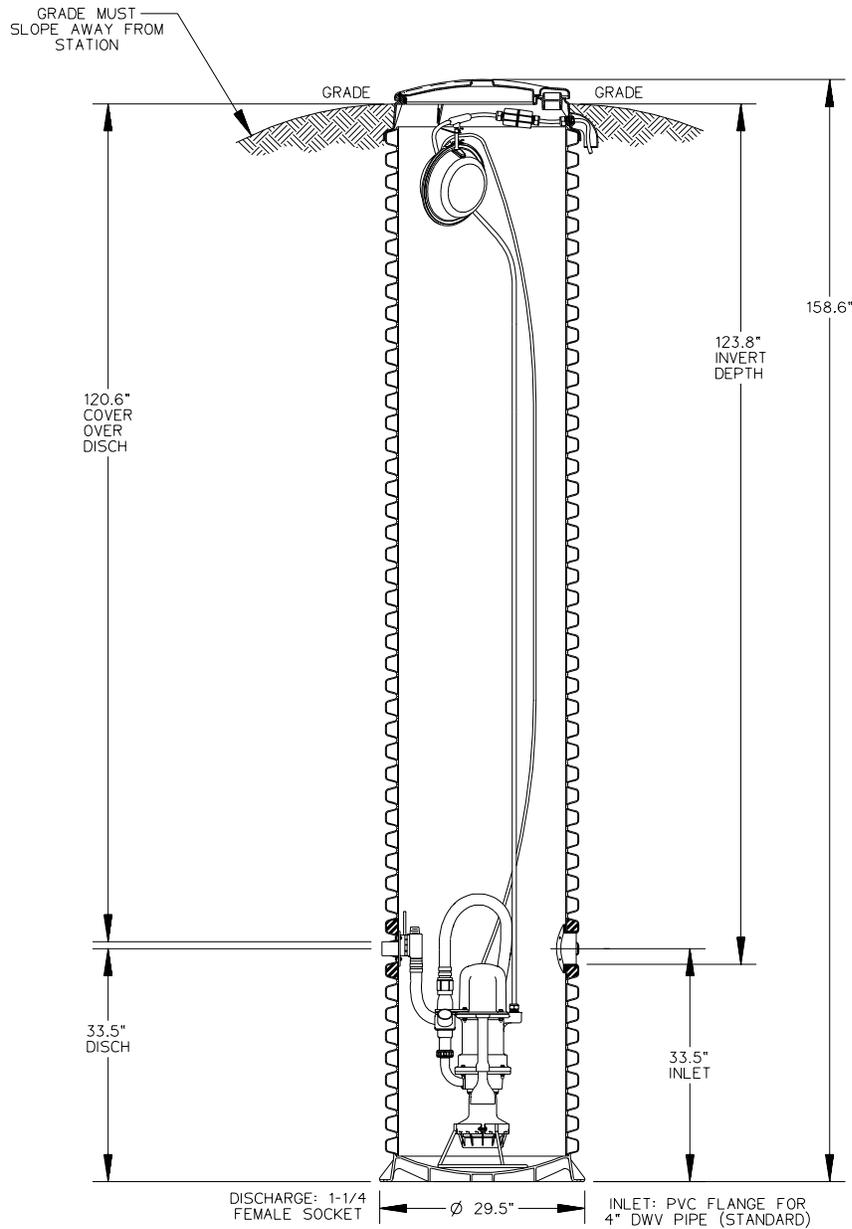
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MODEL 1010-124

LM000207

1010-159



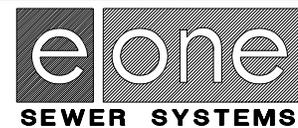
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DR BY	CHK'D	DATE	ISSUE	SCALE

BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED ON ALL MODEL 1010-159 STATIONS

SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT

SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS



MODEL 1010-159

LM000208