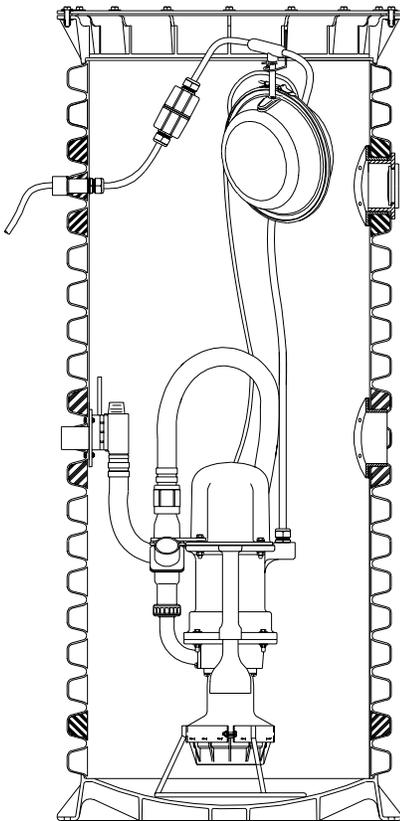


GP1010F



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

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

Printed in USA, on Recycled Paper
LM000255 REV. - 2/02

General Applications

The size, efficiency and operating economy of the GP 1010F make it your best choice for single dwellings, waterfront property, subdivision developments and marinas. The GP 1010F is ideally suited for both new and existing communities where the installation site may be exposed to occasional flooding.

The GP 1010F Station is designed for areas where high floodplain conditions occur. The 1010F is a watertight, sealed station, capable of sustaining a 15 foot flood above the top of the station. This type of flood condition will not affect the continued operation of the pump, the home owner should rely on uninterrupted service.

Features

The GP1010F Grinder Pump is a complete unit that includes: the grinder pump, check valve, HDPE (high density polyethylene) tank and controls. The GP1010F is packaged into a single complete unit, ready for installation.

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 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.

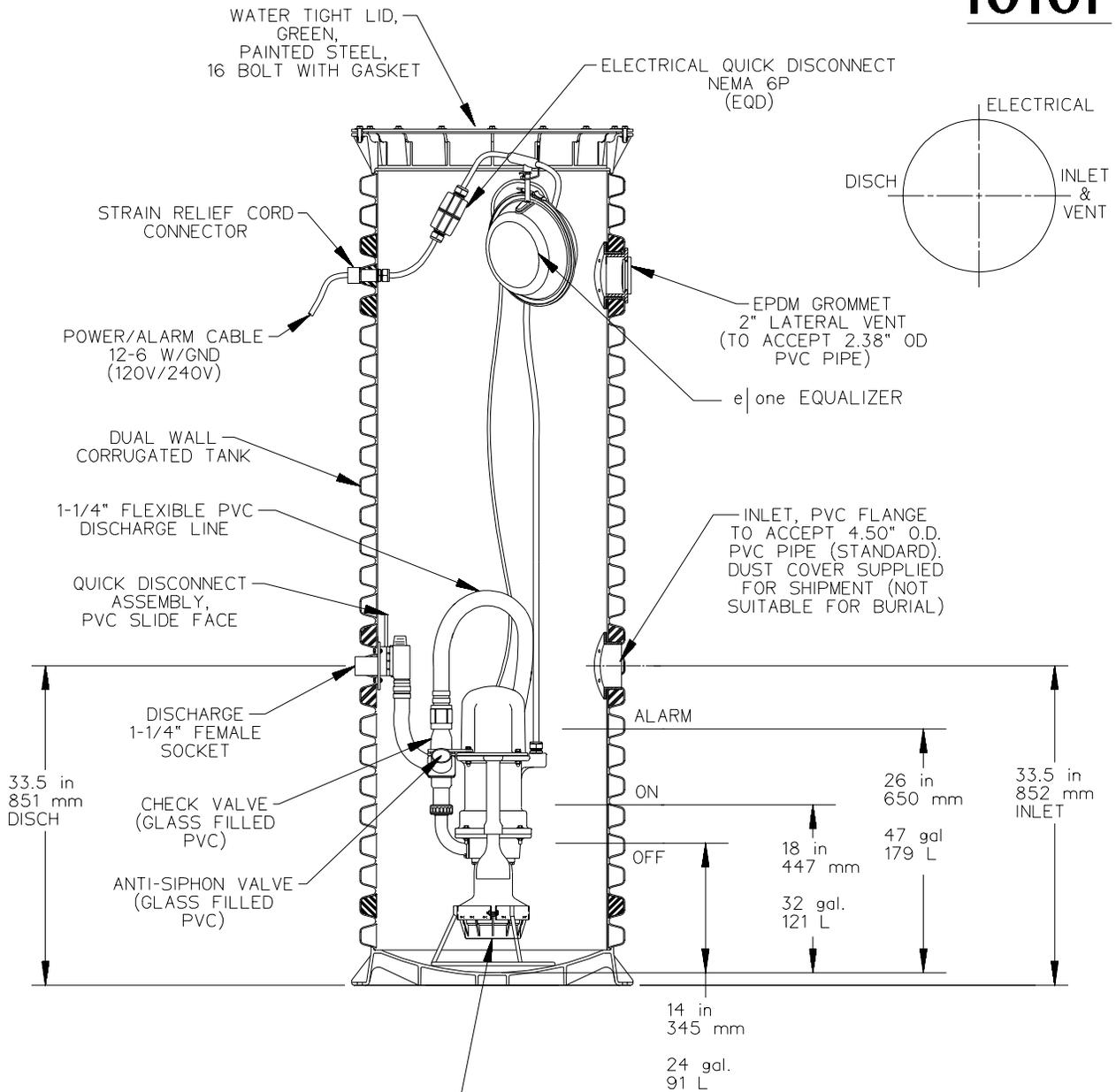
Discharge*

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.

1010F



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.)



SGS		03/14/02	A	1/16
DR BY	CHK'D	DATE	ISSUE	SCALE



MODEL 1010F, DETAIL SHEET

LM000249

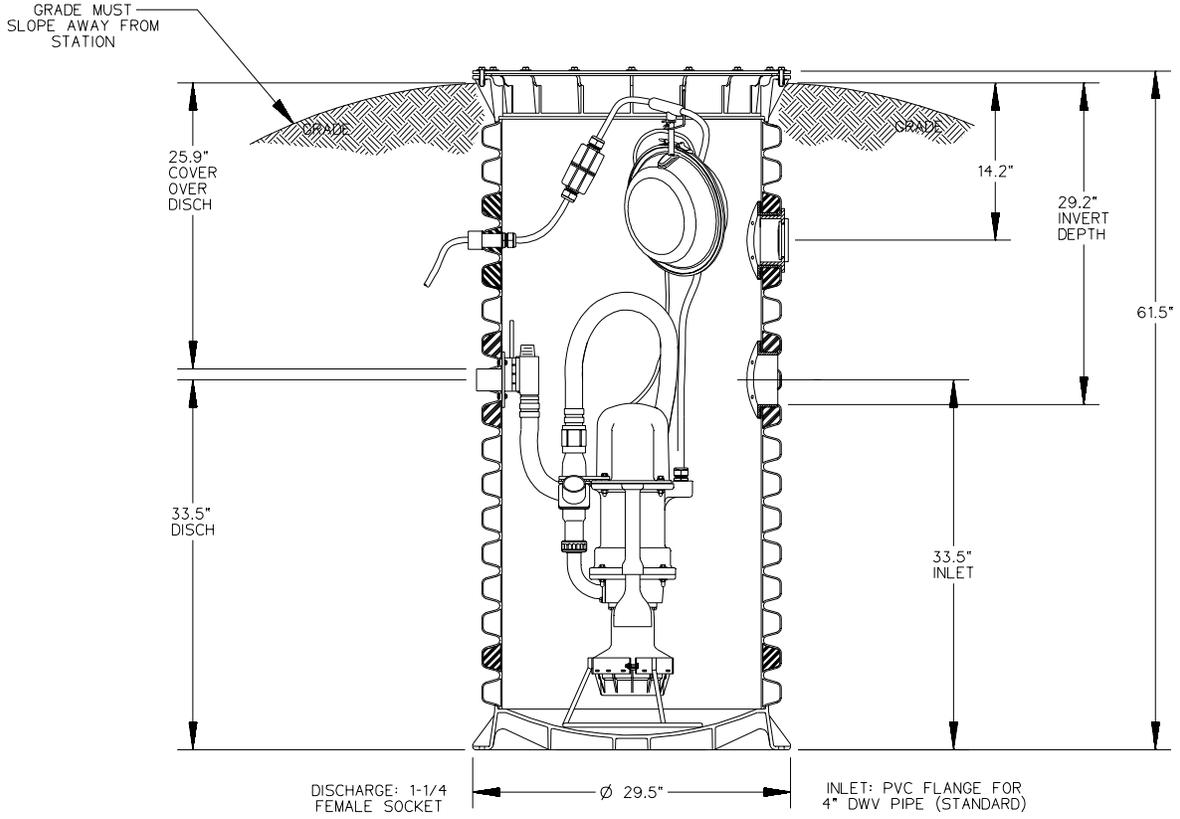
BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED
ON ALL MODEL 1010F STATIONS

SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED
TO ACHIEVE NECESSARY BALLAST EFFECT

SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS

1010F -61

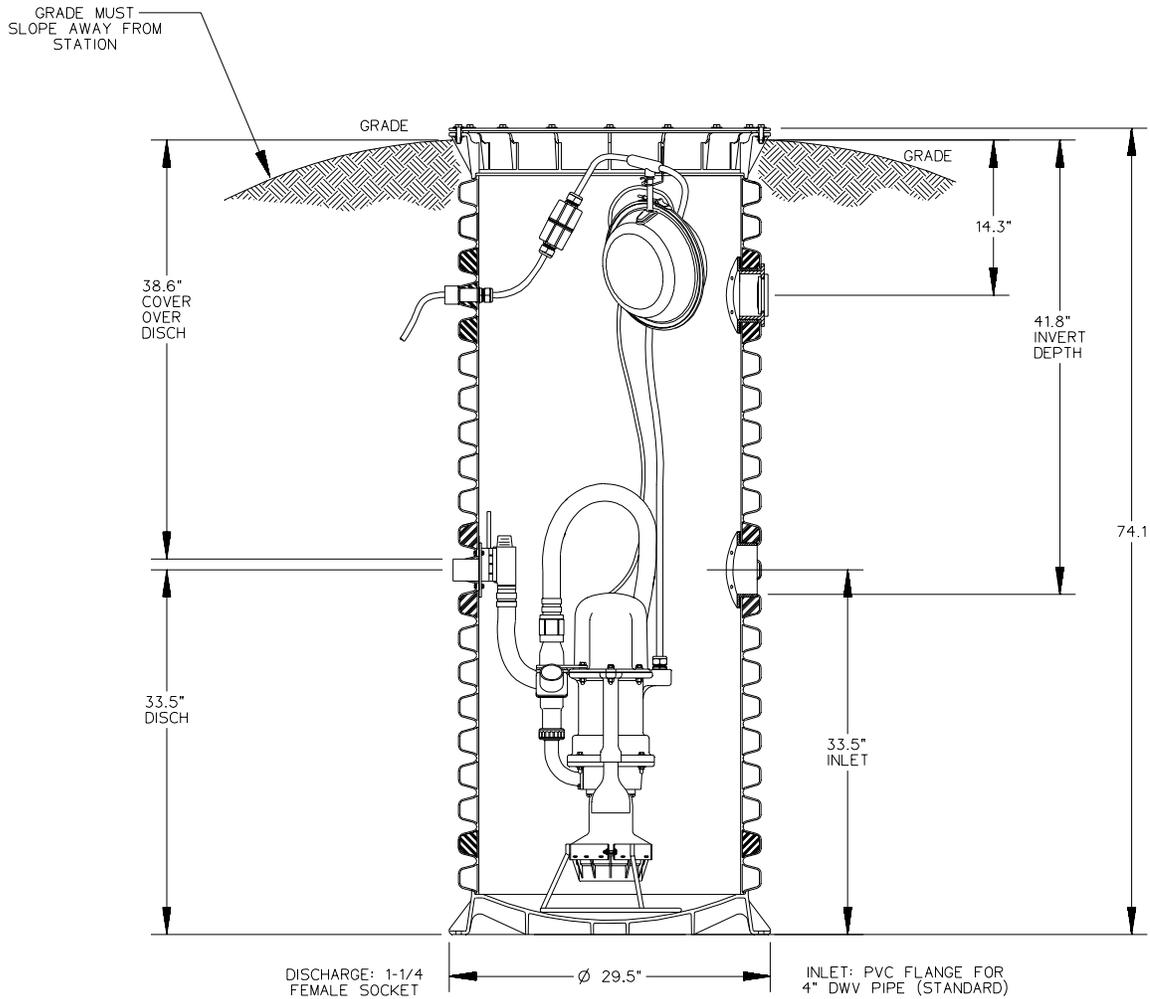


SGS		03/14/02	A	1/16
DR BY	CHK'D	DATE	ISSUE	SCALE
MODEL 1010F-61				
LM000250				

BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED ON ALL MODEL 1010F-60 STATIONS
 SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT
 SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS

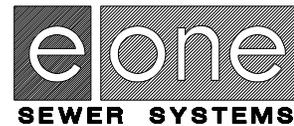
1010F-74



SGS		03/14/02	A	1/16
DR BY	CHK'D	DATE	ISSUE	SCALE

BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED ON ALL MODEL 1010F-74 STATIONS
 SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT
 SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS

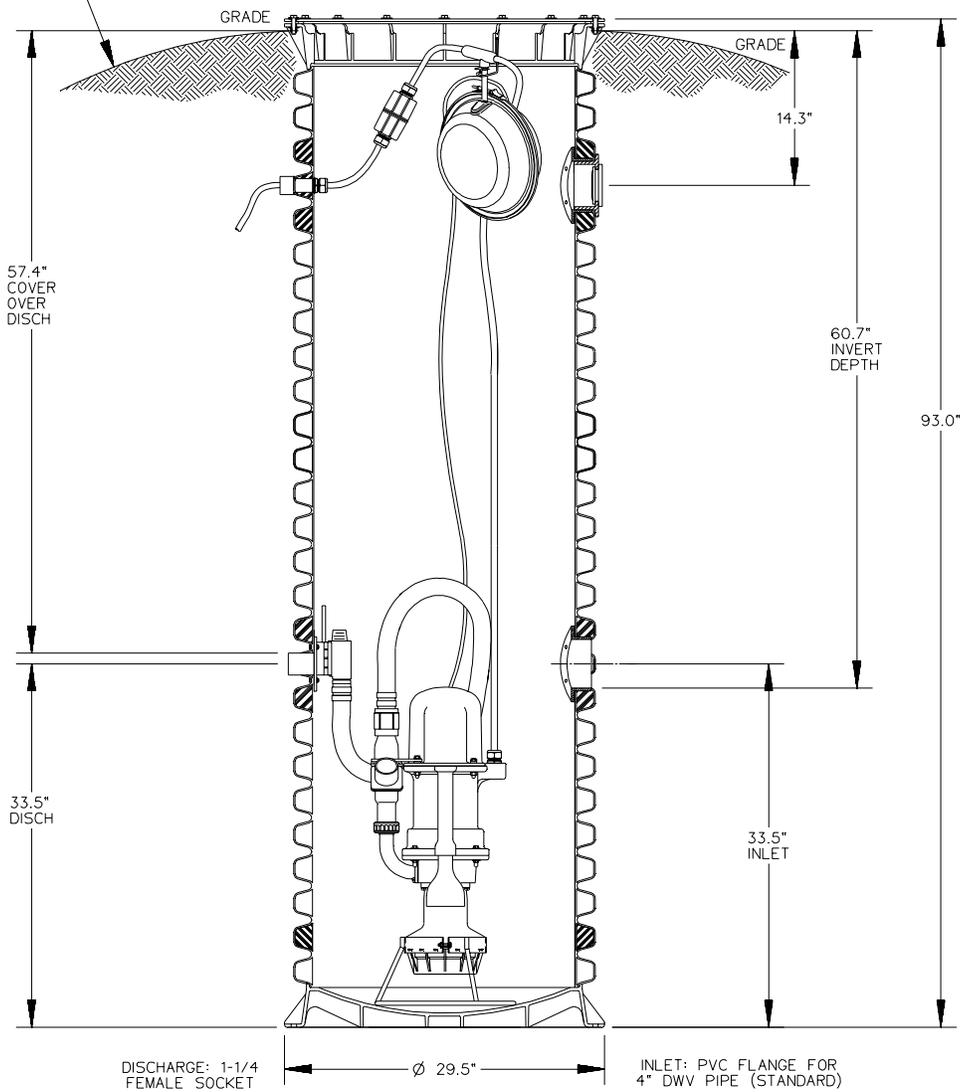


MODEL 1010F-74

LM000251

1010F-92

GRADE MUST SLOPE AWAY FROM STATION



DISCHARGE: 1-1/4 FEMALE SOCKET

Ø 29.5"

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



SGS		03/14/02	A	1/16
DR BY	CHK'D	DATE	ISSUE	SCALE

BALLAST REQUIREMENTS

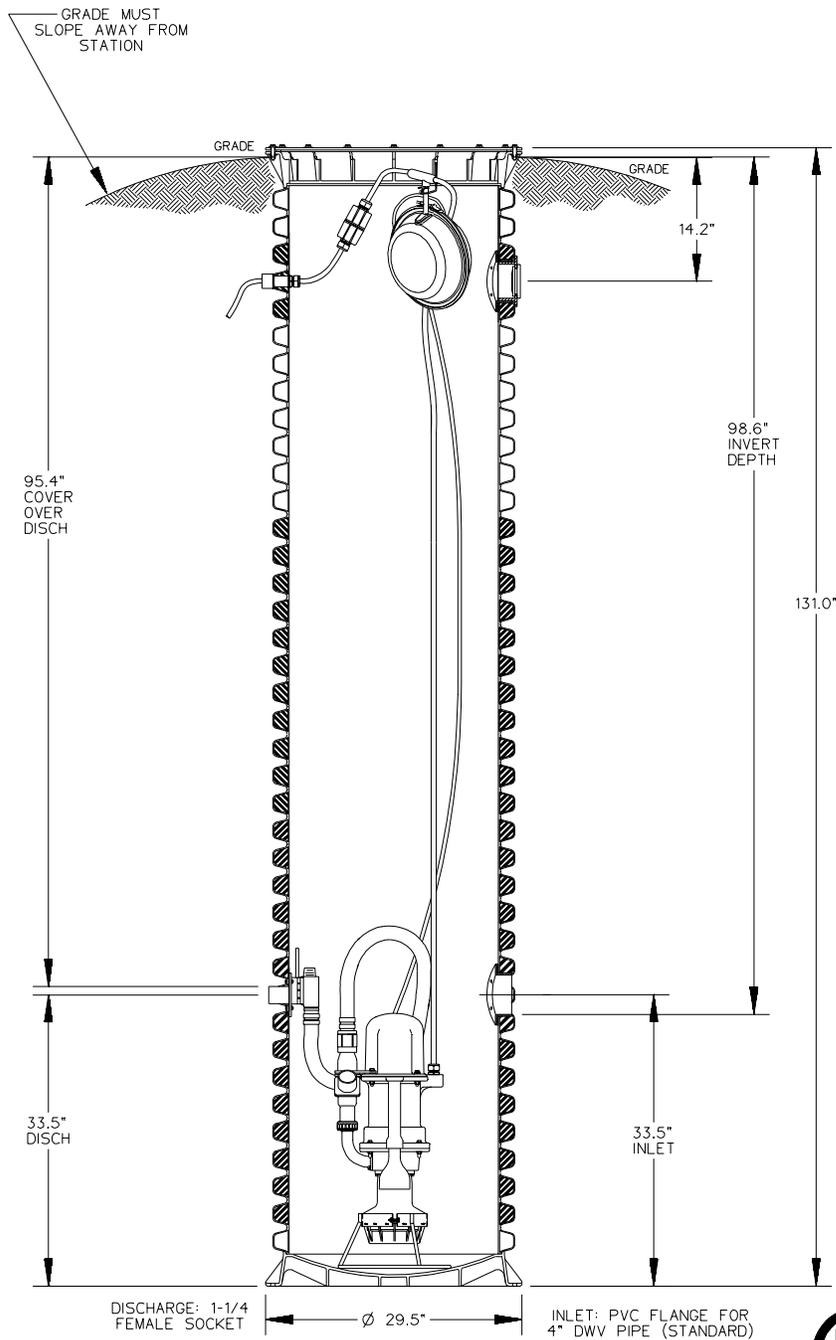
A CONCRETE ANCHOR IS REQUIRED ON ALL MODEL 1010F-92 STATIONS
 SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT
 SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS



MODEL 1010F-92

LM000252

1010F -129



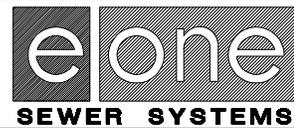
BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED ON ALL MODEL 1010F-129 STATIONS

SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT

SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS

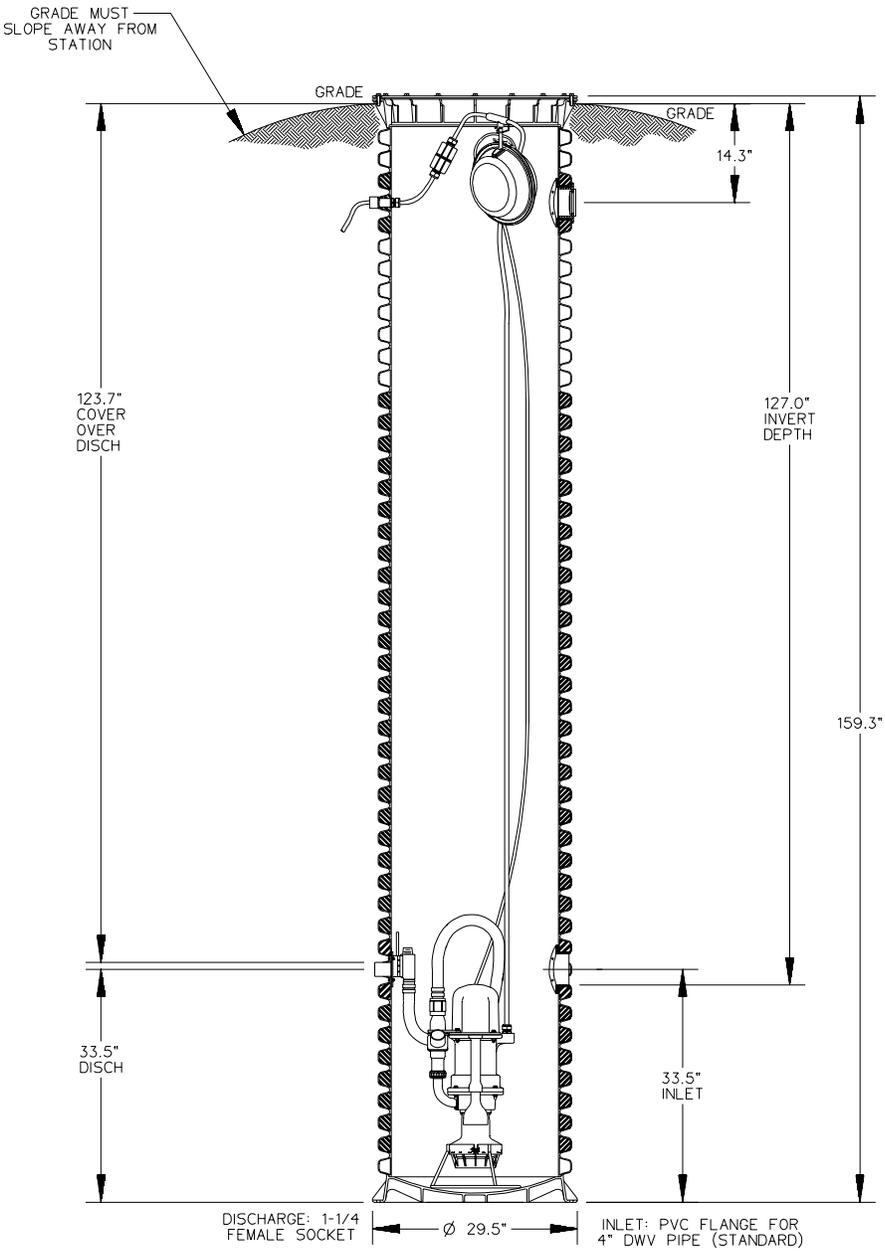
SGS		03/14/02	A	1/20
DR BY	CHK'D	DATE	ISSUE	SCALE



MODEL 1010F-129

LM000253

1010F-160



SGS		03/14/02	A	1/25
DR BY	CHK'D	DATE	ISSUE	SCALE

BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED ON ALL MODEL 1010F-160 STATIONS
 SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT
 SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS



MODEL 1010F-160

LM000254