CITY OF ALBANY, CALIFORNIA
PRIVATE WASTEWATER PUMPING SYSTEM

Owner:_____

Address:_____

Site Location:_____

Sewer Contractor:_____

EQUIPMENT DATA

1. Pump Manufacturer_____ Model #_____

2. Pump Capacity_____ GPM @_____ TDH (Attach Pump Curve)_____

3. Pump Size_____ Type_____ Built for _____deep sump

4. Pump Discharge Size_____ inches and will pass a _____ inch sphere

5. Pump Brake Horsepower _____

6. Motor HP _____ RPM_____ Phase_____ Volts_____

7. Pump Sump Manufacturer _____ Diameter x Height _____x_____

Tank Material _____ Covered Material _____

DISTRIBUTOR NAME: _____ BY:_____ DATE:_____
PHONE # _____

EQUIPMENT INFORMATION

Centrifugal Pump Yes_____ No_____ Impeller size selected _____

Non-Clog Pump Yes_____ No_____ Junction Box _____

Grinder Pump Yes_____ No_____ Floats _____

Submersible Pump Yes_____ No_____ Explosion-proof Yes_____ No_____

Redundant Low-level cutoff before pump exposed Yes_____ No_____

Simplex Control System Yes_____ No_____ Intrinsically safe Yes_____ No_____

Duplex Control System Yes_____ No_____ Intrinsically safe Yes_____ No_____

Asphalt-coated steel sump Yes_____ No_____

Filament wound fiberglass sump Yes_____ No_____

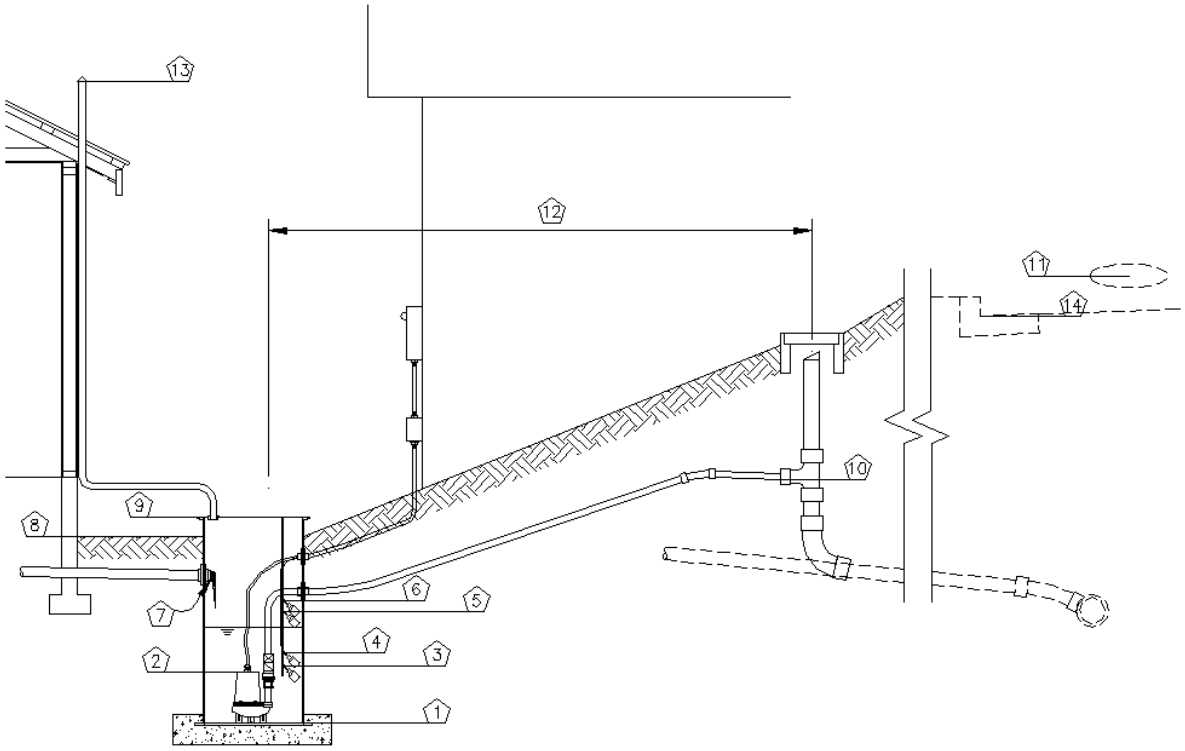
T-lock lined reinforced concrete pipe sump Yes_____ No_____

Check Valve	No_____	22.5 degree ells	No_____
Gate/Plug Valve	No_____	Wyes	No_____
Clean Out	No_____	Tees	No_____
90 degree ells	No_____	Reducers	No_____
45 degree ells	No_____	Increasers	No_____

CITY USE ONLY (Do not write below this line)

Procedures	Date	By
1. Plot plan submitted:	_____	_____
2. Elevation and distance checked:	_____	_____
3. Equipment data submitted:	_____	_____
4. Reviewed and approved:	_____	_____
5. Engineer's plan review:	_____	_____

PUMPING SYSTEM INFORMATION



PROFILE ELEVATIONS
PROFILE INFORMATION

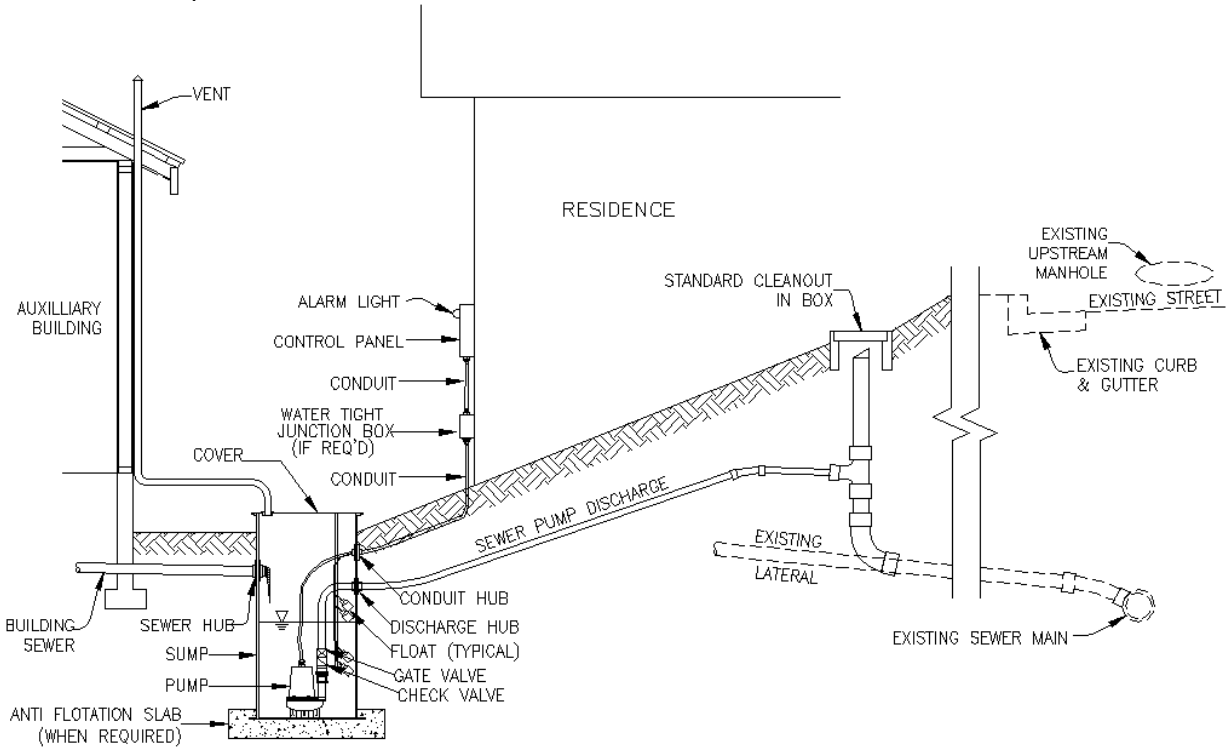
1	Sump base elevation	_____Ft.
2	Motor top elevation	_____Ft.
3	Redundant off elevation	_____Ft.
4	Pumps off/ LWL elevation	_____Ft.
5	Pump on/ HWL elevation	_____Ft.
6	High alarm elevation	_____Ft.
7	Inlet invert elevation	_____Ft.
8	Surrounding surface elevation	_____Ft.
9	Sump cover elevation	_____Ft.
10	Invert elevation at discharge to atmosphere	_____Ft.
11	Upstream manhole rim elevation	_____Ft.
12	Pressure line distance	_____Ft.
13	Vent Elevation	_____Ft.
14	Gutter Elevation (Storm water)	_____Ft.

FLOW INFORMATION

Provide the number of plumbing waste fixtures for sanitary sewer _____ Flow=_____

PUMP HEAD CALCULATIONS

Friction Head Calculation (head losses in feet due to flow through pipes, valves, fittings, entrance and exit head losses, etc.)



Static Head Calculation

Surcharge Head Calculation

TDH (without surcharge)

TDH (with surcharge)