CITY OF ALBANY, CALIFORNIA
PRIVATE STORMWATER PUMPING SYSTEM

Owner:_____

Address:_____

Site Location:_____

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_____

Simplex Control System Yes_____ No_____

Duplex Control System 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_____
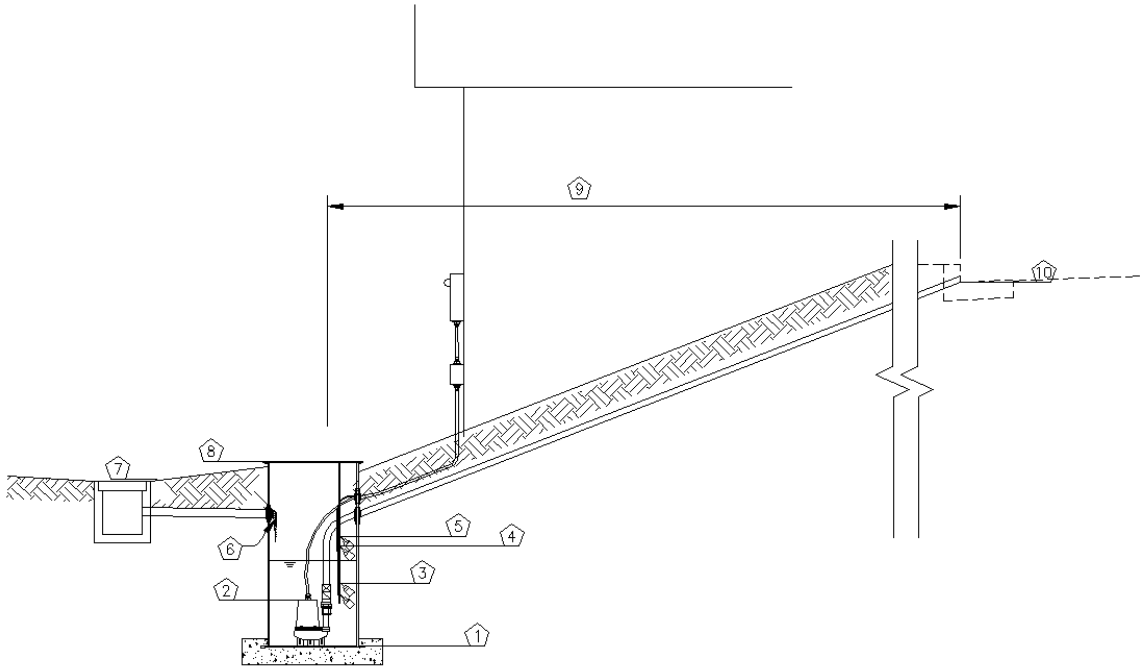
90 degree ells   No_____   Reducers   No_____

45 degree ells   No_____   Increasers   No_____

CITY USE ONLY (Do not write below this line)

Procedures	Received Date	Reviewed Date
1. Plot plan:	_____	_____
2. Equipment data:	_____	_____
3. Final Submittal:	_____	_____

PUMPING SYSTEM INFORMATION

PROFILE ELEVATIONS
PROFILE INFORMATION

①	Sump base elevation	_____	Ft.
②	Motor top elevation	_____	Ft.
③	Pumps off/ LWL elevation	_____	Ft.
④	Pump on/ HWL elevation	_____	Ft.
⑤	High alarm elevation	_____	Ft.
⑥	Inlet invert elevation	_____	Ft.
⑦	Surrounding surface elevation	_____	Ft.
⑧	Sump cover elevation	_____	Ft.
⑨	Pressure line distance	_____	Ft.
⑩	Gutter Elevation	_____	Ft.

FLOW INFORMATION

Area of new roofs and pavement discharging to sump_____sf Peak Flow=_____gpm

PUMP HEAD CALCULATIONS
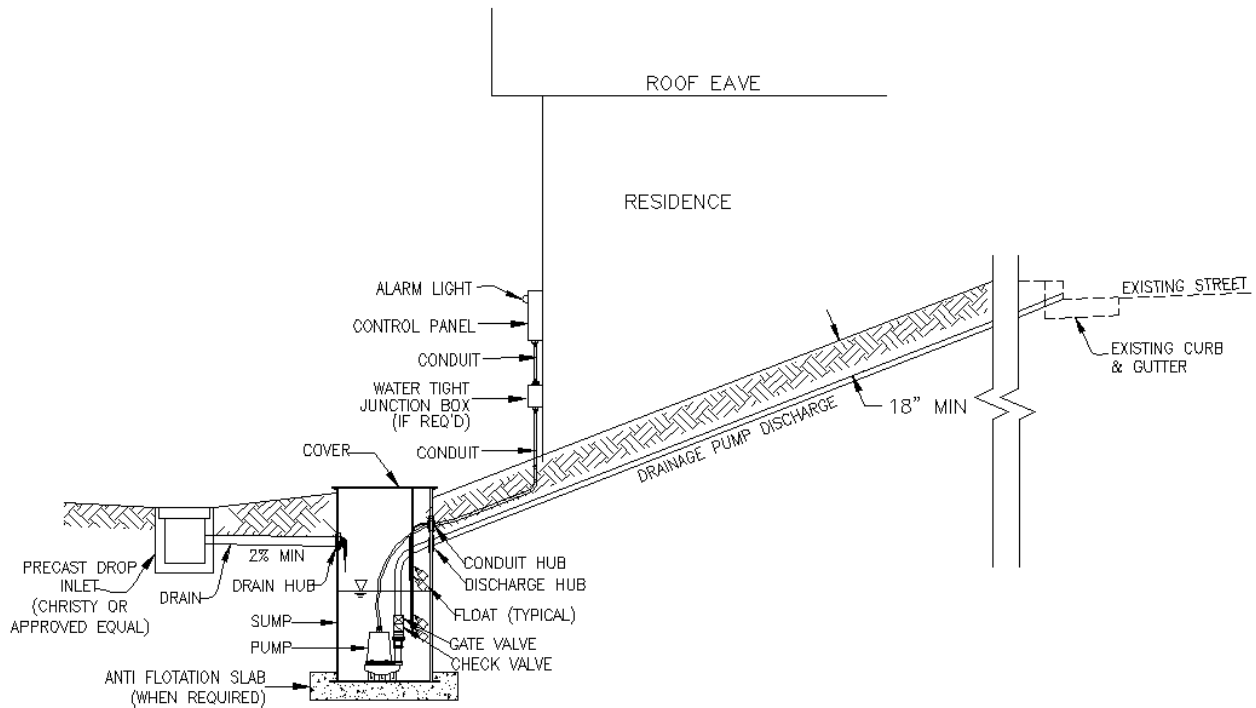
Static Head Calculation: (Difference in elevation in feet between gutter or other discharge point and the bottom of the sump.)

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

Total Dynamic Head Calculation: (Sum of the static head and friction head.)