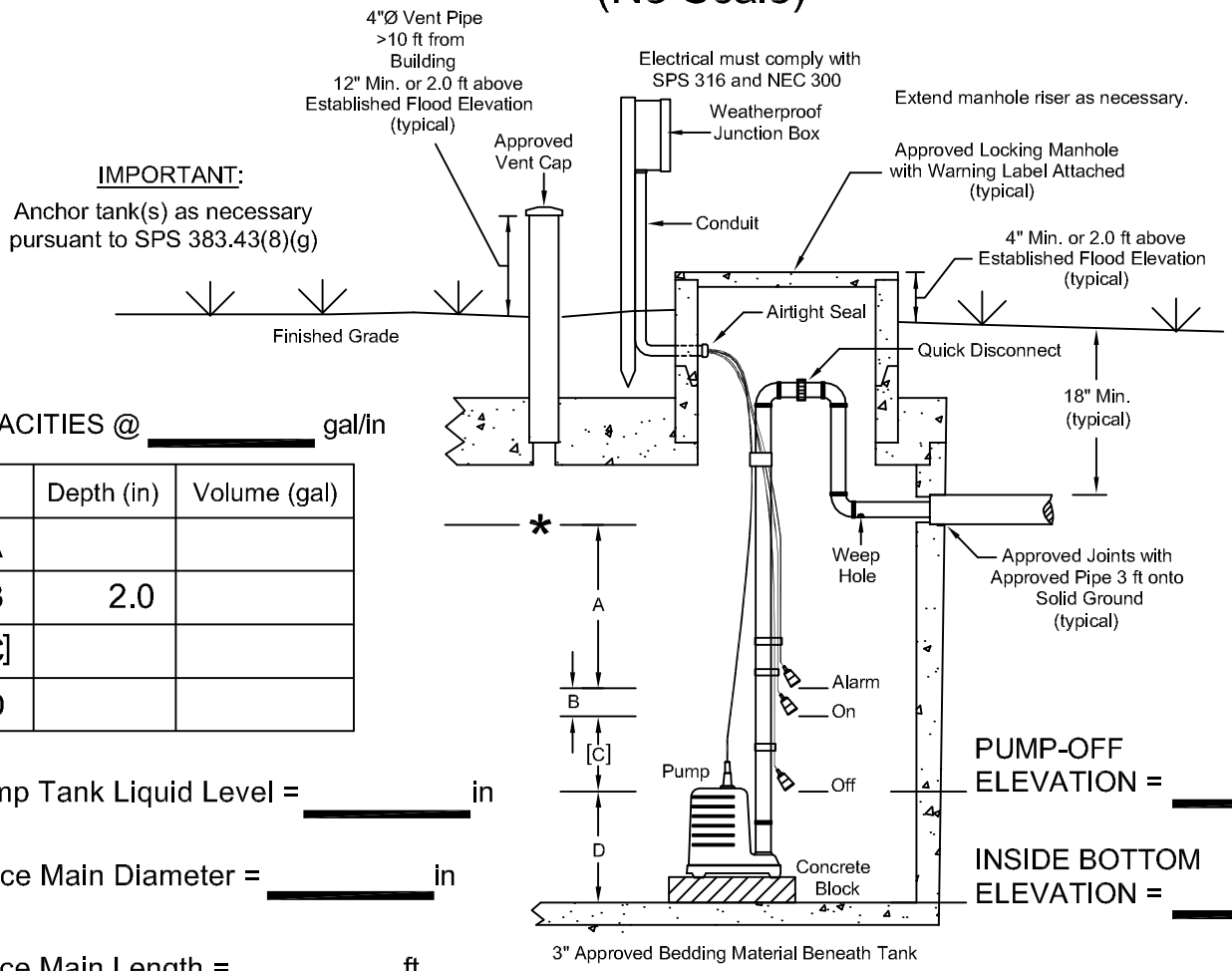
SEPTIC / PUMP TANK SPECIFICATIONS
(No Scale)



IMPORTANT:
Anchor tank(s) as necessary pursuant to SPS 383.43(8)(g)

CAPACITIES @ _____ gal/in

	Depth (in)	Volume (gal)
A		
B	2.0	
[C]		
D		

*Pump Tank Liquid Level = _____ in

Force Main Diameter = _____ in

Force Main Length = _____ ft

Force Main Void Volume = _____ gal

[C] Total Dose Volume (TDV) = _____ gal/dose

(5X total lateral void volume ≤ TDV ≤ 0.2X design flow)
+ (force main drainback volume)

MIN. PUMP DISCHARGE RATE = _____ gpm

PUMP-OFF ELEVATION = _____ ft

INSIDE BOTTOM ELEVATION = _____ ft

Vertical Head = _____ ft

+ Min. Supply Head = _____ ft

+ FM Friction Loss = _____ ft

+ Fitting Loss* = _____ ft
*(min. supply head x 0.3)

= TOTAL DYNAMIC HEAD = _____ ft

PUMP TANK:

Volume = _____ gal

Manufacturer: _____

Pump Manufacturer: _____

Pump Model: _____ (See attached pump curve.)

Controls/Alarm Manufacturer: _____

Controls/Alarm Model: _____

Float switches containing mercury are prohibited.

SEPTIC TANK(S):

Total Volume = _____ gal

Manufacturer(s): _____

Install approved effluent filter at the septic tank outlet immediately upstream of the pump tank inlet.

Filter Manufacturer: _____

Filter Model: _____

Reset Page