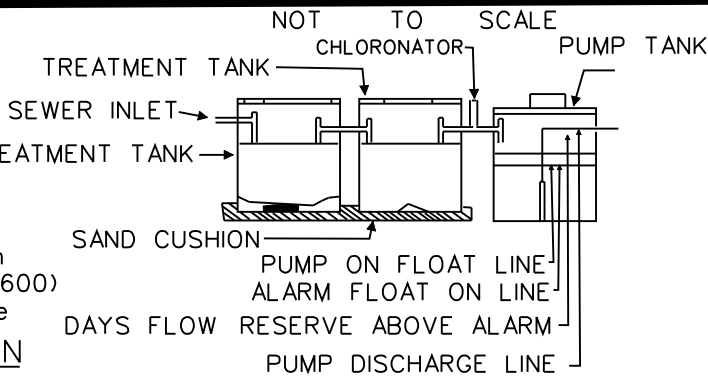
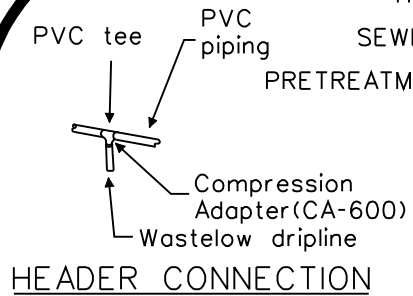


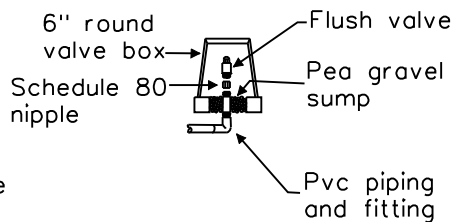
DRIP SYSTEM:



HEADER CONNECTION

NOTE: All sewer line under drive way must be made of PVC sch80

A start/stop switch or timer must be included in the system to control the dosing pump. An audible and visible high water alarm, on an electric circuit separate from the pump, must be provided.



AIRVENT IN VALVE BOX

Each drainfield shall consist of a matrix of small-diameter pressurized lines, buried at six inches deep, and pressure reducing emitters spaced at a maximum of 30 inch intervals. The 24 inch pressure reducing emitter shall restrict the flow of effluent to a flow rate low enough to ensure equal distribution of effluent throughout the drainfield.

ADDITIONAL OSSF NOTES

- (1) THE INSTALLER SHALL VIEW THIS DIAGRAM, AND THE THE ACTUAL SITE FOR ANY DISCREPANCIES THAT MAY EXIST.
- (2) ALL CONSTR UACTION METHODS SHALL ~~BE~~ ACCORDANCE WITH THE STATE AND LOCAL OSSF CODES.
- (3) ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE MATERIAL ELECTRIC CODE.
- (4) THE SANITARIAN IS NOT RESPONSIBLE FOR THE INTEGRATY OF THE SYSTEM TO BE INSTALLED, OR ANY WORKMANSHIP OF THE INSTALLER.
- (5) PAYMENT FOR THIS DESIGN RELEASE THE SANITARIAN OF ALL LIABILITIES THAT MAY ARISE FROM A FAILED SYSTEM.
- (6) NO PUBLIC WATER MAINS PER HOME OWNER. THE INSTALLER MUST RELOCATE ALL SUBSURFACE INTILITIES BEFORE CONSTRUCTION.



SEE ATTACHMENT: 'B' SYSTEM DESIGN

STRUCTURE THREE (3) Bbdrm < 2,500sq.ft.
 SINGLE FAMILY RESIDENCE HOME LOW FIXTURE
 PUMP TANK SHALL HAVE GREATER THAN 240 GALLONS RESERVE CAPACITY BETWEEN "PUMP ON" AND "ALARM ON" LEVEL. 1/3 DAYS FLOW HOLDING CAPACITY BETWEEN "ALARM ON" LEVEL AND PUMP TANK INLET.

SYSTEM COMPONENTS BE OF AN APPROVED TYPE OR SPECIFY

PRE-TREATMENT TANK	500 GALLONS
TREATMENT TANK	500 GALLONS / DAY
PUMP TANK	500 GALLONS
PUMP	0.5 HORSEPOWER

WATER SUPPLY

PIPES FROM THE HOME TO TREATMENT SYSTEM, SHALL BE MADE OF SCHEDULE 40 PVC OR (SDR) 26

BUFFER REQUIREMENTS

TREATMENT UNIT TO PRIVATE WATER WELL	50 FEET
PROPERTY LINES	5 FEET
WATER LINES	10 FEET
STRUCTURES	0 FEET

FIELD AREA TO

WATER WELLS	100 FEET
PROPERTY LINES	10 FEET
STRUCTURES	NO SEPARATION

DESIGN PARAMETERS

Estimated daily flow Loading Rate	240/day (Type III Soil)
Distribution line lenth Required	0.20g/Sq.ft/day
Disposal line lenth proposed	1200/2ft.= 600ft.
Emitter Spacing	720 ft.
Number of Emitters	2 ft.
Total Sq. Ft.	360
Spin filter	1440 sq.ft
Distribution line spacing	100 Micrometer
Discharge rate	2 ft.
Each Emitter Serves	Between 0.5 to 2 gph.@15psi.
	4 sq. ft. Footprint Area.

2-1" Relief valve at the high ends
 No Run of pipe shall be more than 210 ft long.

K AND B TECH.	(936) 293 1598
THIEN NGUYEN	
0 POINT LOOP	
HUNTSVILLE, TX	77320
	10-28-2020