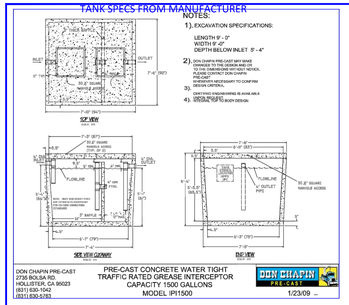
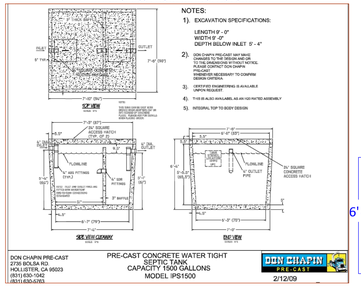
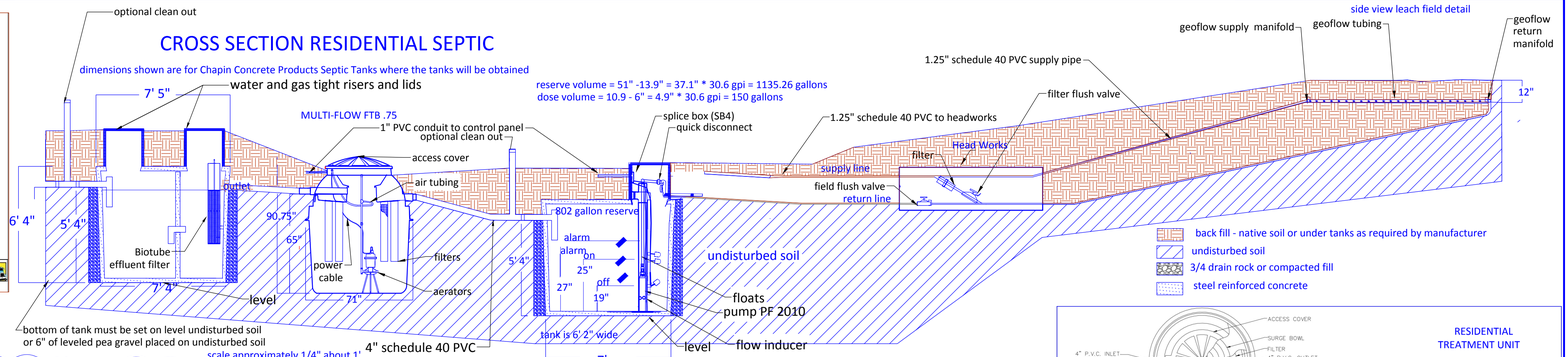
TANK SPECS FROM MANUFACTURER



TANK SPECS FROM MANUFACTURER



CROSS SECTION RESIDENTIAL SEPTIC



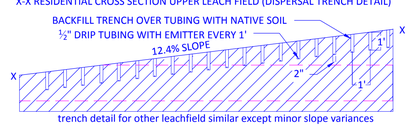
side view leach field detail

back fill - native soil or under tanks as required by manufacturer
undisturbed soil
3/4 drain rock or compacted fill
steel reinforced concrete

X1-X1 NON-RESIDENTIAL CROSS SECTION ZONE 1 LEACH FIELD (DISPERSAL TRENCH DETAIL)

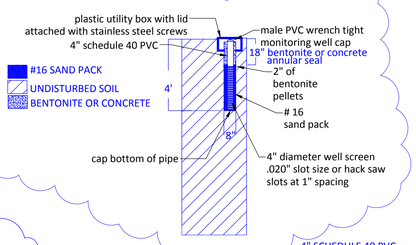
trench detail for other zones similar except minor slope variances

X-X RESIDENTIAL CROSS SECTION UPPER LEACH FIELD (DISPERSAL TRENCH DETAIL)

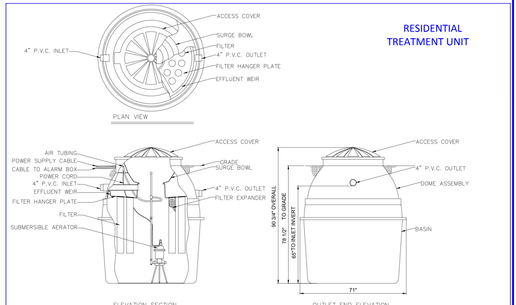


trench detail for other leachfield similar except minor slope variances

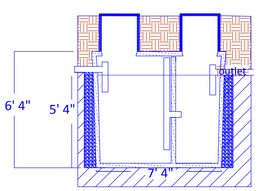
monitoring well detail



RESIDENTIAL TREATMENT UNIT



1500 GALLON GREASE TRAP



TO 20000 GALLON SEPTIC TANK

1 4-15-2016

SCALE 1/4" = 1'

SRH

CROSS SECTION OF NON-RESIDENTIAL TANKS AND TREATMENT UNITS

REVISIONS
1 4-15-2016

The septic tank, equalization tank, and pump chamber are to be installed per manufacturers instructions. Not in traffic areas.
The Multiflo tanks are to be installed where there will be no traffic.

4" SCHEDULE 40 PVC FROM EACH TREATMENT MERGE BEFORE INLET OF PUMP CHAMBER

20000 GALLON XERXES SEPTIC TANK
FIRST CHAMBER ABOUT 13333 GALLON AND 2ND CHAMBER ABOUT 6666.7 GALLONS
1 4-15-2016

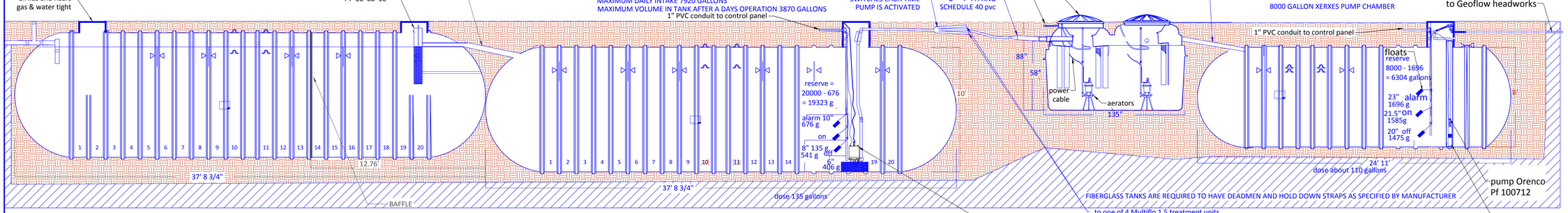
2000 GALLON XERXES EQUALIZATION CHAMBER

MAXIMUM DAILY OUTFLOW 6000 GALLONS
MAXIMUM DAILY INTAKE 7920 GALLONS
MAXIMUM VOLUME IN TANK AFTER A DAYS OPERATION 3870 GALLONS

AUTOMATIC 4 WAY VALVE SWITCHES EACH TIME PUMP IS ACTIVATED

MULTI-FLOW FTB 1.5 TREATMENT UNITS
4 USED ONLY ONE SHOWN
not to be installed in traffic area

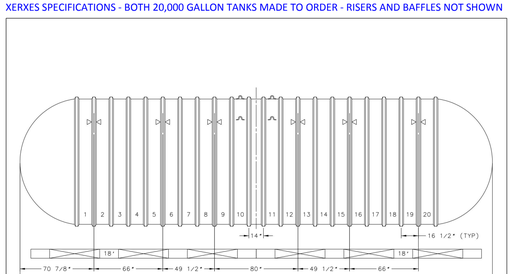
8000 GALLON XERXES PUMP CHAMBER



FIBERGLASS TANKS ARE REQUIRED TO HAVE DEADMEN AND HOLD DOWN STRAPS AS SPECIFIED BY MANUFACTURER to one of 4 Multiflo 1.5 treatment units

Goulds PUMP WE SERIES 0511
HALF HORSE SINGLE PHASE 1110 VOLTS

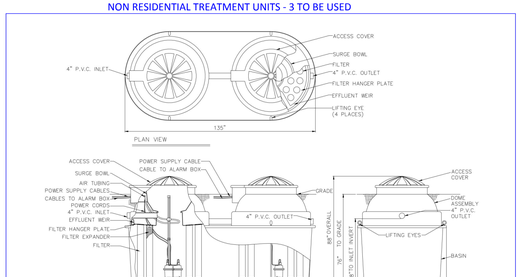
XERXES SPECIFICATIONS - BOTH 20,000 GALLON TANKS MADE TO ORDER - RISERS AND BAFFLES NOT SHOWN



Optional prefabricated engineered concrete deadmen shown

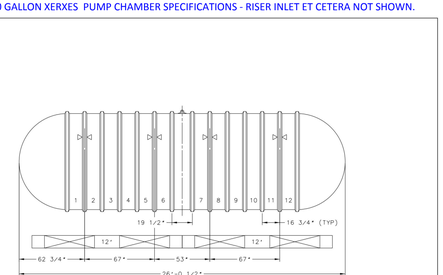
XERXES a ZCL company
TITLE 10' DIA. SINGLE-WALL CAP. 20,000 GALLONS
DATE 1-12 DR. NO. S10-889_05

NON RESIDENTIAL TREATMENT UNITS - 3 TO BE USED



MULTI-FLO FTB 1.5
Date 09/05/2002
Drawn By: BSB
Scale: AS SHOWN
Consolidated Treatment Systems, Inc.
1501 Commerce Center Drive, Franklin, OH 45005-1891
1-937-746-2727 www.multi-flo.com
Bennette D. Burks, P.E.

8000 GALLON XERXES PUMP CHAMBER SPECIFICATIONS - RISER INLET ET CETERA NOT SHOWN.



Optional prefabricated engineered concrete deadmen shown

XERXES a ZCL company
TITLE 8' DIA. SINGLE-WALL CAP. 8,000 GALLONS
DATE 1-12 DR. NO. S10-875_03

S.R. HARTSELL, R.E.H.S.
P.O. BOX 342
PACIFICA, CA 94044
srhartsell@gmail.com (650) 888-2419

REVISIONS

1	4-15-2016	
COUNTY COMMENTS		SRH

STEVEN R. HARTSELL REGISTERED ENVIRONMENTAL HEALTH SPECIALIST Exp. 12-31-2017 # 5979 STATE OF CALIFORNIA

TANKS, TRENCHES AND TREATMENT UNITS

CORDOBA CENTER
14045 MONTEREY ROAD
SAN MARTIN, CA 95046
APN 779-06-002

November 30, 2015

SCALE AS NOTED

BY SRH

PAGE

SEPTIC 3