Y:\2008\08 Misc Septic\08085XX-Foxlyn Lot 6 SS\dwg\U-2.dwg, 6/25/2008 8:30:22 AM, David DeCamon

Location: PR-31

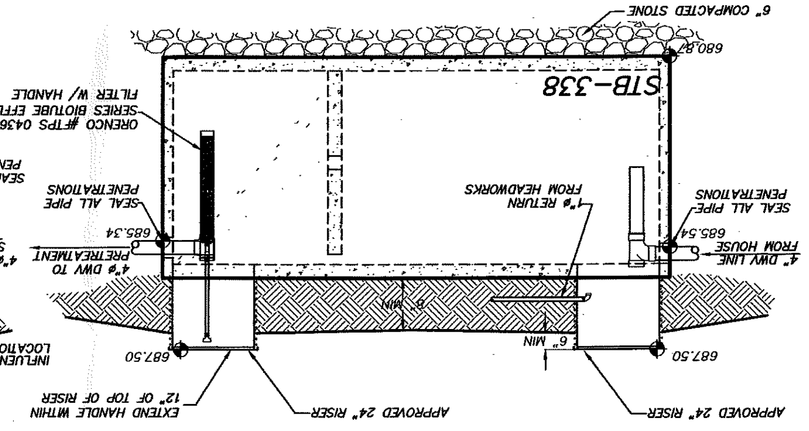
PUBLICATION OR REUSE OF THESE DRAWINGS OR ANY DETAILS WITHIN MUST BE WITH THE WRITTEN CONSENT OF PIEDMONT DESIGN ASSOCIATES, P.A. Owner: Approved: Date of Issue:

Subsurface Drip Septic System Details
3 Bedroom Residence
Lot 6 Foxlyn Subdivision
Huntersville, Mecklenburg County, North Carolina

REFER TO SPECIFICATION
PACKAGE FOR MATERIALS SELECTION
AND INSTALLATION
REQUIREMENTS

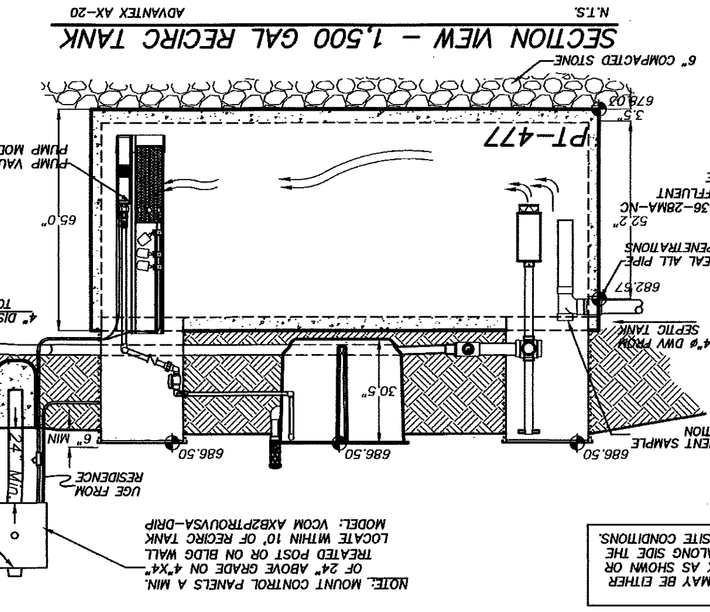
SECTION VIEW – 1,500 GAL SEPTIC TANK

N.T.S.



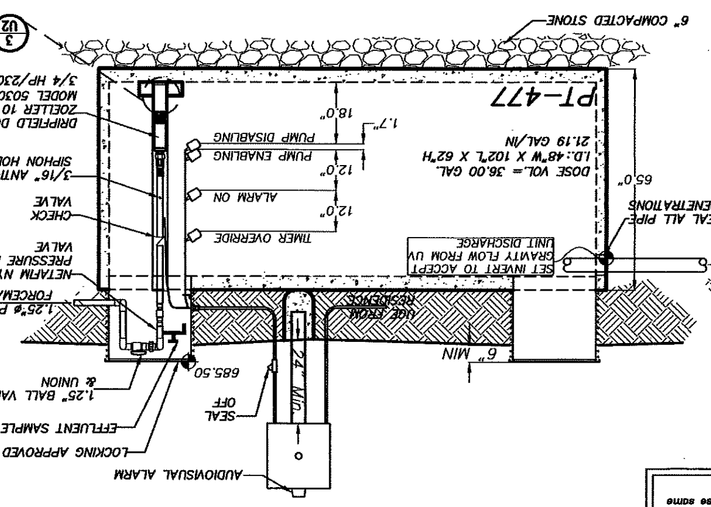
SECTION VIEW – 1,500 GAL RECIRC TANK

N.T.S.



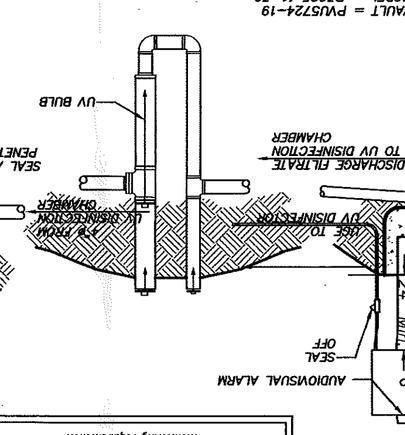
SECTION VIEW – 1,500 GAL PUMP TANK

N.T.S.



UV ASSEMBLY

N.T.S.

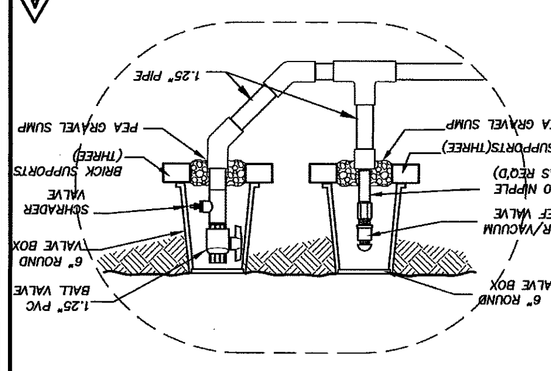


TANK ELEVATIONS

NOTE: TANK DIMENSIONS & ELEVATIONS BASED ON DELLINGER PRECAST COMPANY, INC. (704) 483-2668. OTHER STATE APPROVED TANKS MAY BE SUBSTITUTED BUT NOT WITHOUT PRIOR APPROVAL FROM THE ENGINEER. CONTRACTOR SHALL VERIFY DIMENSIONS AND ADJUST GRADES AND FLOAT SETTINGS AS REQUIRED TO CAUSE FLOW AND DOSING AS CALLED FOR. TANKS SHALL NOT BE PUMPED DURING EXTREMELY WET CONDITIONS.

CLEAN OUT AND AIR/VACUUM RELIEF VALVE DETAIL (TYP.)

6 U2 N.T.S.

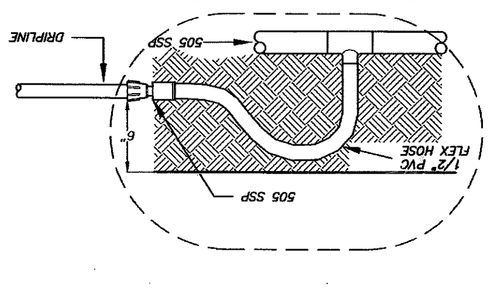


A 8

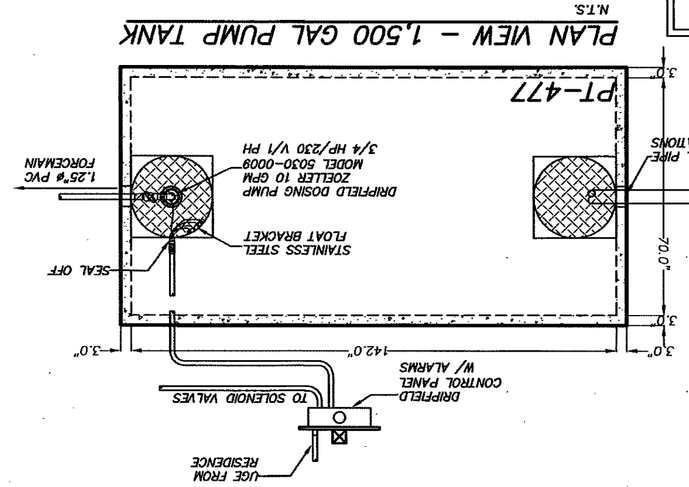
SEE SHEET U-1 FOR SYSTEM LAYOUT

SUB MAIN CONNECTION

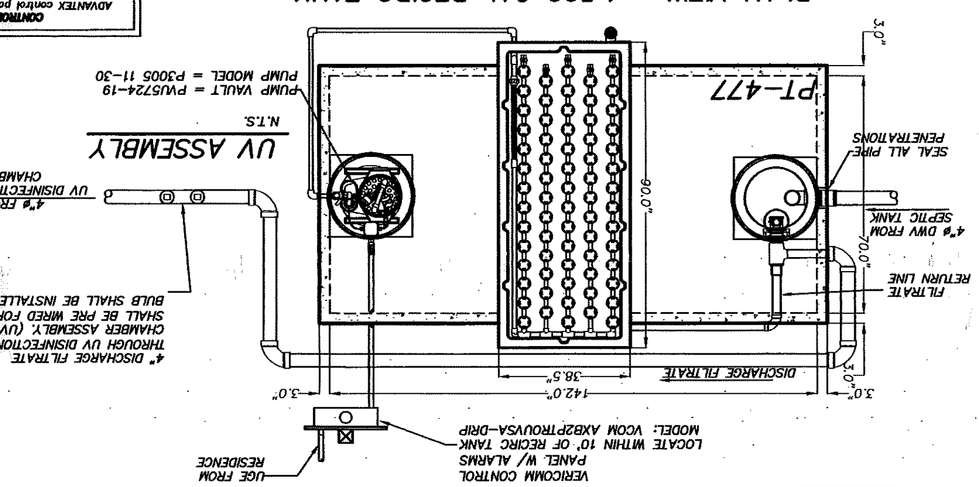
5 U2 N.T.S.



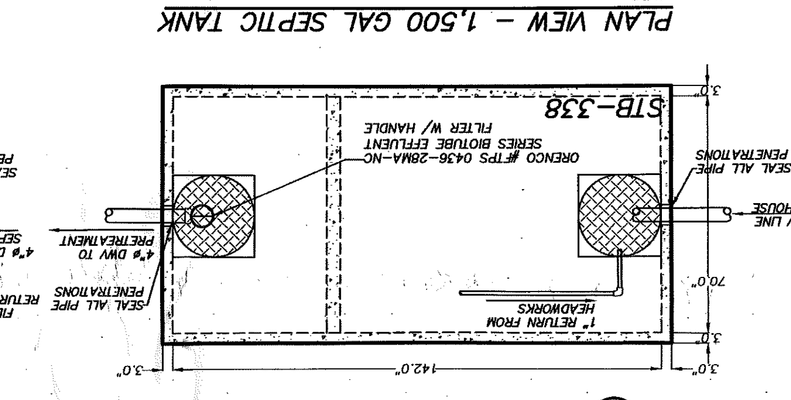
PLAN VIEW – 1,500 GAL PUMP TANK



PLAN VIEW – 1,500 GAL RECIRC TANK



PLAN VIEW – 1,500 GAL SEPTIC TANK



MANIFOLD DETAIL

2 U2 N.T.S.

DRIP FIELD LAYOUT

N.T.S.

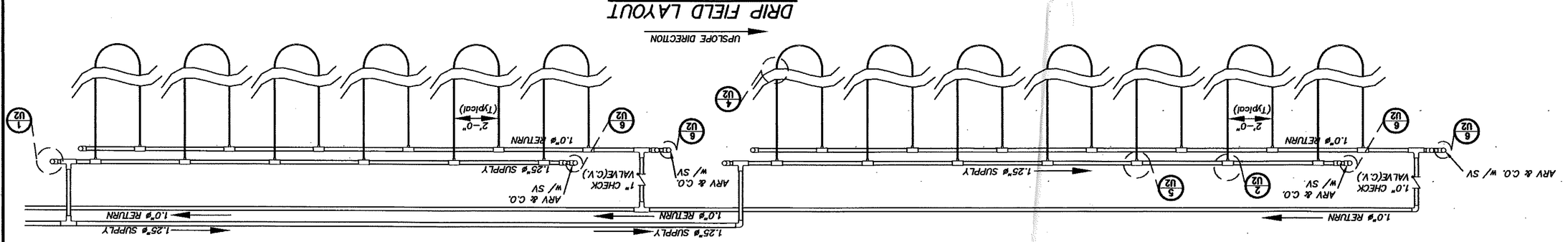
DRIP FIELD – 2 ZONES

13 LINES @ VARYING LENGTHS W/ A TOTAL OF 1,800 LF (900 LF EA ZONE) OF TUBING W/ EMITTERS SPACED @ 24" CTS. EACH WAY

CONDUIT TO DRIP CONTROL PANEL

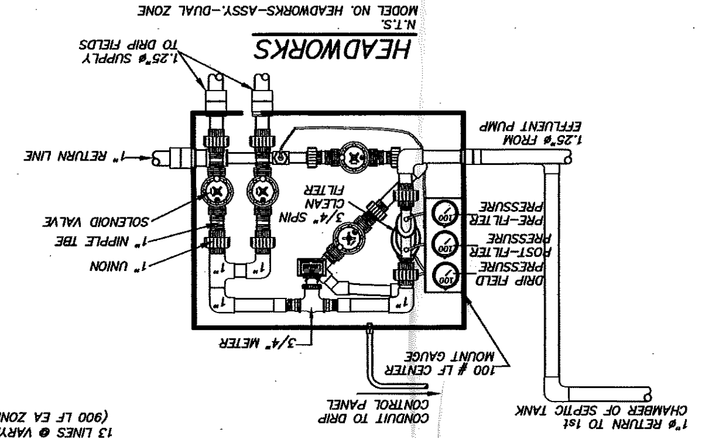
1"ø RETURN TO 1ST CHAMBER OF SEPTIC TANK

UPSLOPE DIRECTION

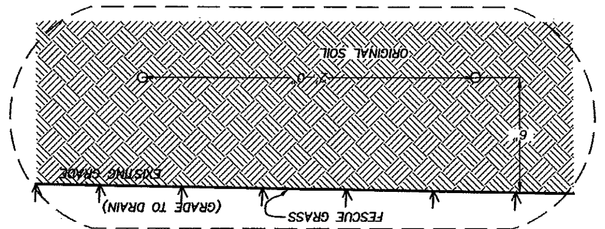


HEADWORKS

N.T.S. MODEL NO. HEADWORKS-ASSY-DUAL ZONE

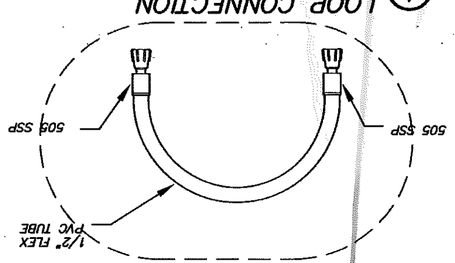


SECTION THRU DRIP LINES

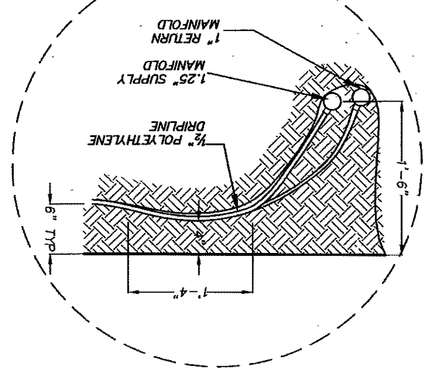


LOOP CONNECTION

4 U2 N.T.S.

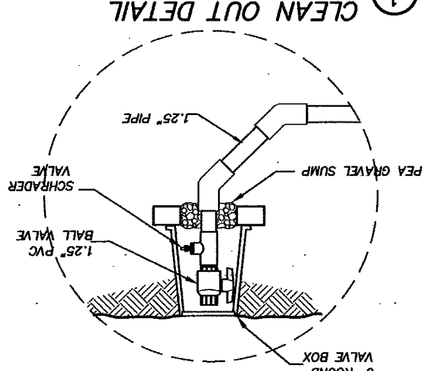


DRIP FIELD MANIFOLD DETAIL



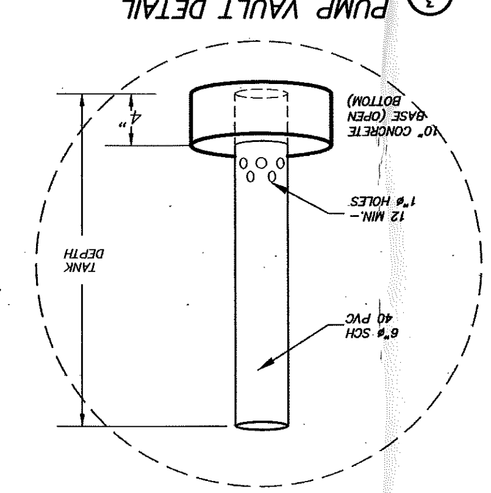
CLEAN OUT DETAIL

1 U2 N.T.S.



PUMP VAULT DETAIL

3 U2 N.T.S.



REVISIONS	BY
REVISED PER COMMENTS DEPT (9/4/08)	DJD
REVISED PER COMMENTS BY DECK CO. HEALTH DEPT (9/25/08)	DJD

Date: 5/12/08
Scale: 1" = 30 Ft
Drawn: DJD
Checked: DLM
Job: 08-05-xx
Sheet U-2
A 6/25/08
of Sheets

PREPARED FOR:
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Huntersville, NC 28078
(704) 634-5472

7026B2

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