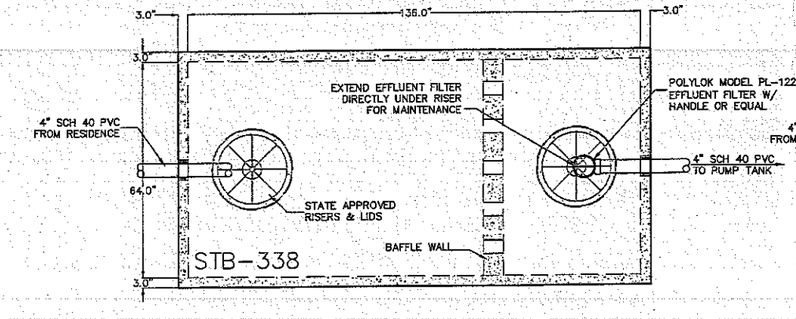
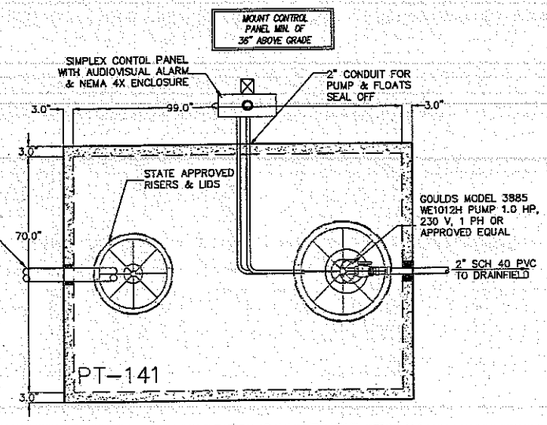


PLAN VIEW – 1,500 GAL SEPTIC TANK

N.T.S. STB-338



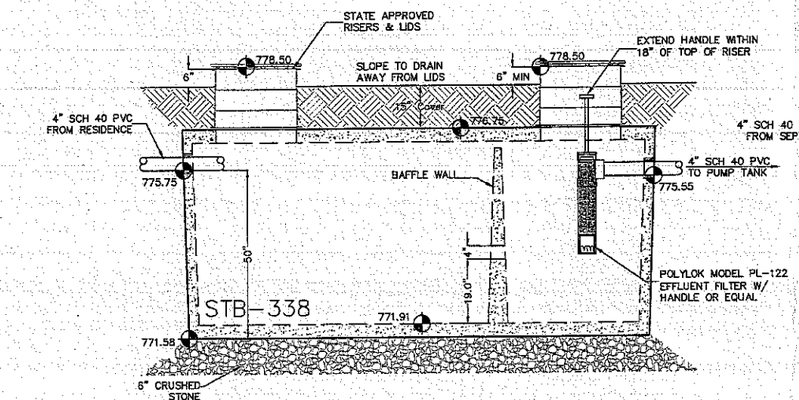
PLAN VIEW – 1,500 GAL PUMP TANK

N.T.S. PT-141

RISER & LID NOTES:
RISERS TO BE CAST IN PLACE AT TIME OF TANK CONSTRUCTION AND MEET THE REQUIRED APPROVAL FOR THE SPECIFIED RISER. ALL TANK ACCESS LIDS MUST HAVE BOLT DOWN OR LOCKING CAPABILITY.

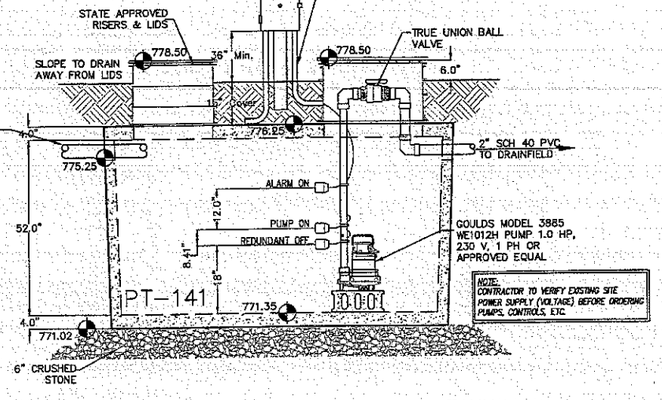
NOTE:
ALL GRAVITY PIPE BETWEEN TANKS SHALL BE SCH 40 PVC. MINIMUM SLOPE SHALL BE 2%

TANK DIMENSIONS (INNER):
I.D.: 5.58'W x 11.58'L x 5.5'H
28.55 GALLONS/INCH
DOSE VOLUME: 240 GALS.
CONTRACTOR TO FIELD VERIFY



ELEVATION VIEW – 1,500 GAL SEPTIC TANK

N.T.S. STB-338



NOTE:
CONTRACTOR TO VERIFY EXISTING SITE POWER SUPPLY (VOLTAGE) BEFORE ORDERING PUMPS, CONTROLS, ETC.

ELEVATION VIEW – 1,500 GAL PUMP TANK

N.T.S. PT-141

811 Know what's below. Call before you dig.

REFER TO PACKAGE FOR MATERIAL SELECTION & INSTALLATION REQUIREMENTS

Tank Elevations

NOTE: TANK DIMENSIONS & ELEVATIONS BASED ON DELLINGER PRECAST (704-483-2868). 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.

SEE SHEET U-1 FOR SYSTEM LAYOUT & FORCEMAIN PROFILE

PUBLICATION OR REUSE OF THESE DRAWINGS OR ANY DETAILS WITHIN MUST BE WITH THE WRITTEN CONSENT OF PIEDMONT DESIGN ASSOCIATES, P.A.

Location: Owner: _____ Approved: _____ Date of Issue: _____

PIEDMONT DESIGN Associates, P.A.
ENGINEERING SURVEYING PLANNING
Suite 101 Westfield Center, 135 East Plaza Drive
Mooresville, North Carolina 28115
Phone:(704) 664-7388 Fax:(704) 664-1178 www.pdapa.com
NCBELS Licensed #C-0907

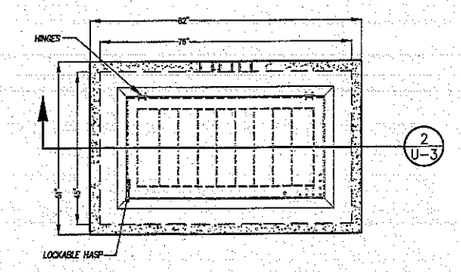
PREPARED FOR:
Todd & Amy Gordon
447 Glencrest Drive
Stanley, NC 28164
(704) 577-1727

Septic System Details
4 Bedroom Residence
121 Langdon Road
Mooresville, Iredell County, North Carolina

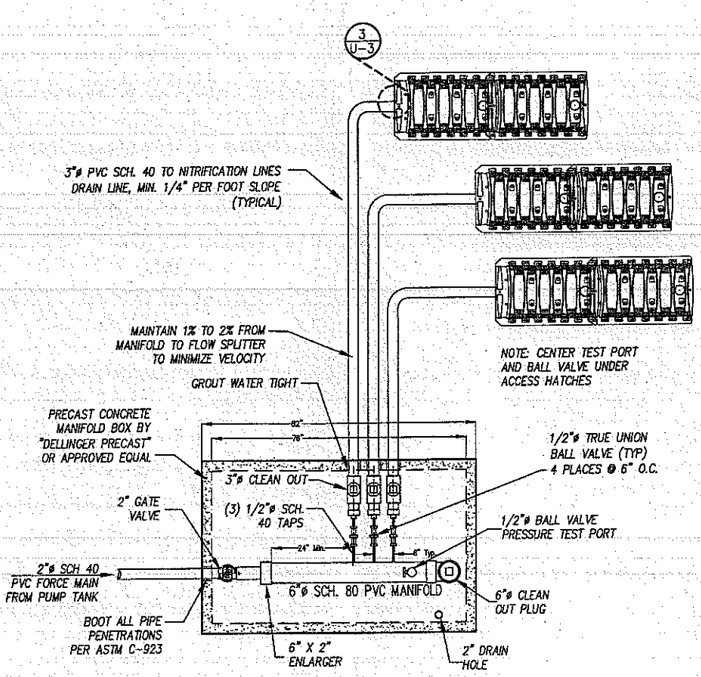
REVISIONS	BY

Date: 1/22/2015
Scale: 1"=20 Ft As Shown
Drawn: DMD
Checked: DLM
Project: 2014-12-06-EC
Job: 2014-12-06-EC
Sheet U-2
of 3 Sheets

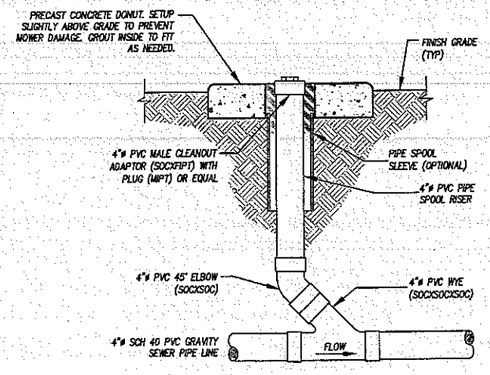
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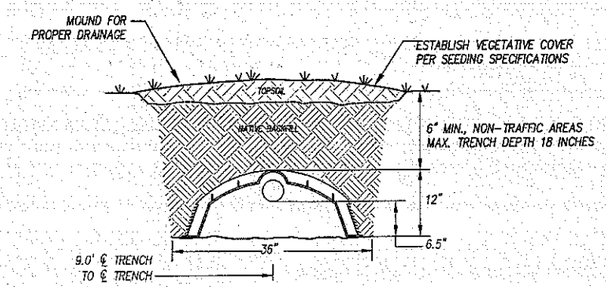
1 U-3 Plan View – Pressure Manifold Vault Lid
N.T.S.



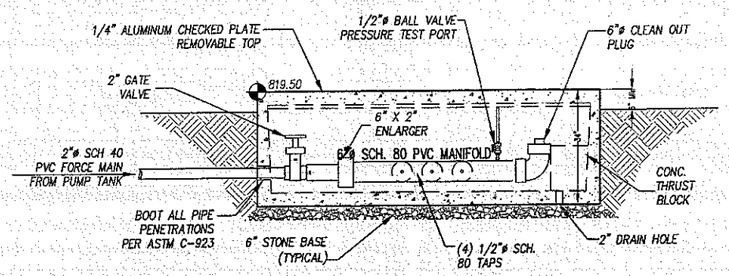
Plan View – Pressure Manifold Vault
N.T.S.



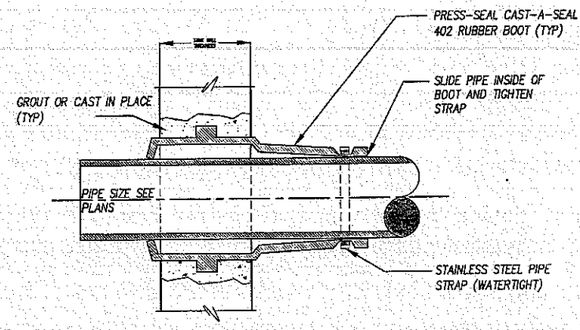
Cleanout Detail
N.T.S.



3 U-3 Gravelless Chamber Nitrification Trench Typical Section View
N.T.S.



2 U-3 Section View – Pressure Manifold Vault
N.T.S.



Pipe Penetration Detail
N.T.S.

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PIEDMONT DESIGN ASSOCIATES
Engineering • Surveying • Planning
Associates, P.A.
Suite 101 Westfield Center, 125 East Plaza Drive
Mooresville, North Carolina 28115
Phone:(704) 662-4440 Fax:(704) 662-4445 www.pdpa.com
NCBELS License PE-C 1007

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Sheet
U-3
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Owner: _____ Approved: _____ Date of Issue: _____