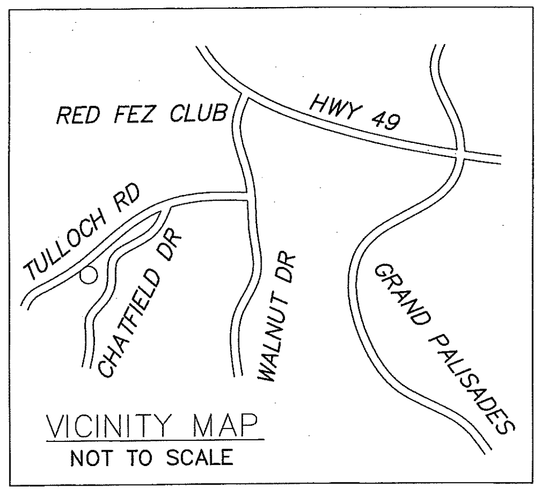


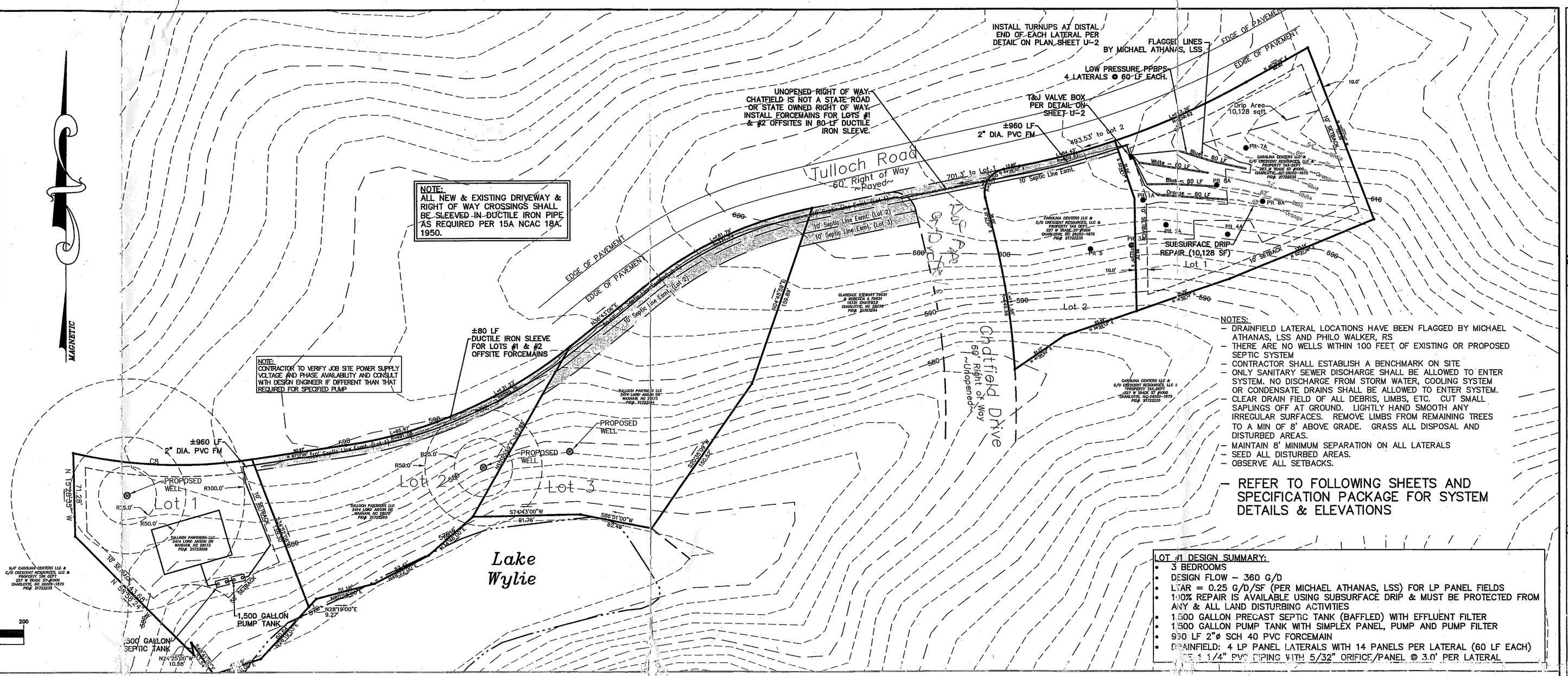
VICINITY MAP
NOT TO SCALE

Surveyed By: Ben M. Flowe & Son;
11316 Brief Road
Charlotte, N.C.
28227
(704) 545-3060

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

GRAPHIC SCALE

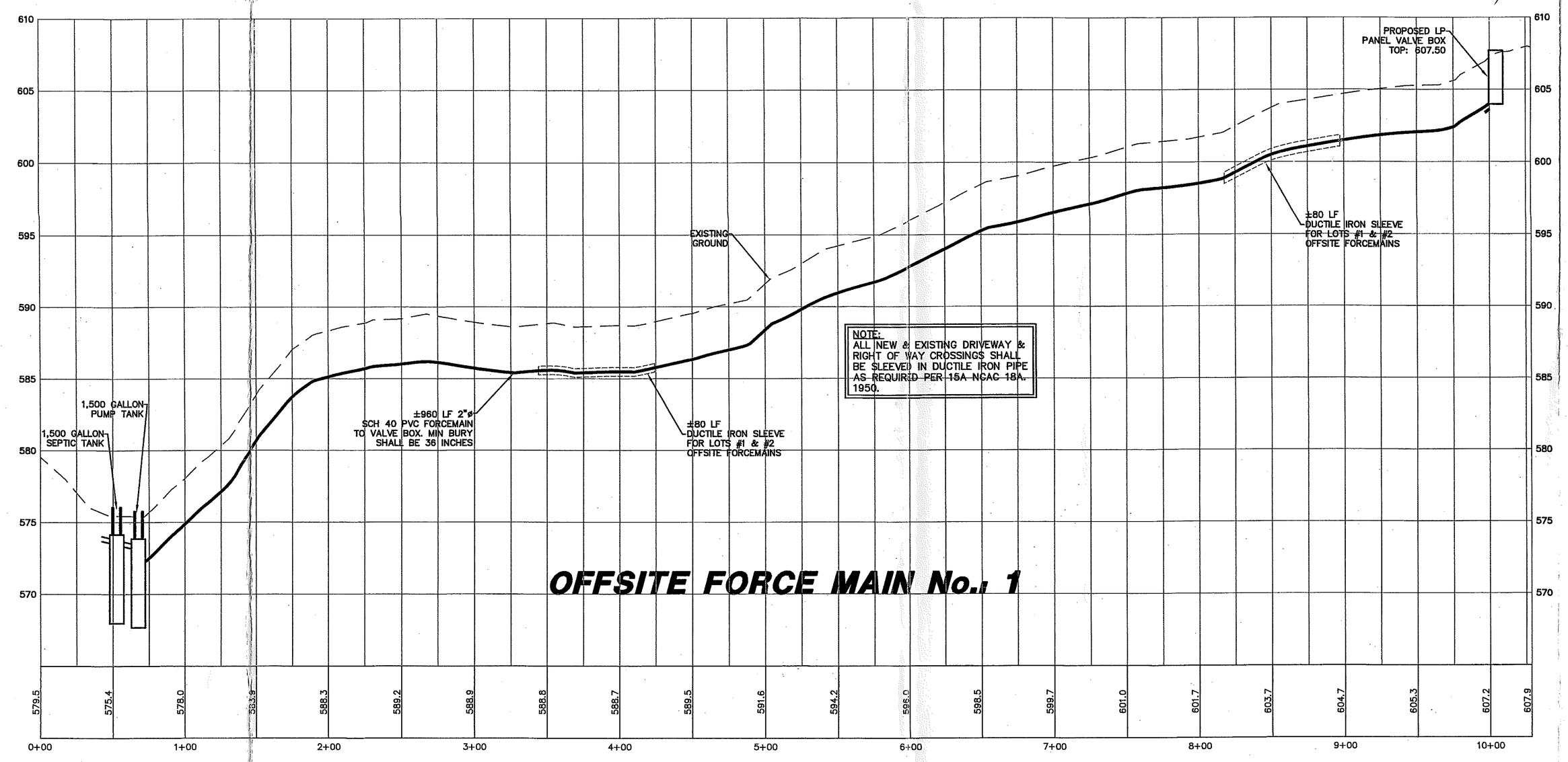
50 0 25 50 100 200
(IN FEET)
1 inch = 60 ft.



NOTES:
- DRAINFIELD LATERAL LOCATIONS HAVE BEEN FLAGGED BY MICHAEL ATHANAS, LSS AND PHILO WALKER, RS
- THERE ARE NO WELLS WITHIN 100 FEET OF EXISTING OR PROPOSED SEPTIC SYSTEM
- CONTRACTOR SHALL ESTABLISH A BENCHMARK ON SITE
- ONLY SANITARY SEWER DISCHARGE SHALL BE ALLOWED TO ENTER SYSTEM. NO DISCHARGE FROM STORM WATER, COOLING SYSTEM OR CONDENSATE DRAINS SHALL BE ALLOWED TO ENTER SYSTEM.
- CLEAR DRAIN FIELD OF ALL DEBRIS, LIMBS, ETC. CUT SMALL SAPLINGS OFF AT GROUND. LIGHTLY HAND SMOOTH ANY IRREGULAR SURFACES. REMOVE LIMBS FROM REMAINING TREES TO A MIN OF 8' ABOVE GRADE. GRASS ALL DISPOSAL AND DISTURBED AREAS.
- MAINTAIN 8' MINIMUM SEPARATION ON ALL LATERALS
- SEED ALL DISTURBED AREAS.
- OBSERVE ALL SETBACKS.

– REFER TO FOLLOWING SHEETS AND SPECIFICATION PACKAGE FOR SYSTEM DETAILS & ELEVATIONS

LOT #1 DESIGN SUMMARY:
- 3 BEDROOMS
- DESIGN FLOW – 360 G/D
- LTAR = 0.25 G/D/SF (PER MICHAEL ATHANAS, LSS) FOR LP PANEL FIELDS
- 100% REPAIR IS AVAILABLE USING SUBSURFACE DRIP & MUST BE PROTECTED FROM ANY & ALL LAND DISTURBING ACTIVITIES
- 1,500 GALLON PRECAST SEPTIC TANK (BAFFLED) WITH EFFLUENT FILTER
- 1,500 GALLON PUMP TANK WITH SIMPLEX PANEL, PUMP AND PUMP FILTER
- 960 LF 2"ø SCH 40 PVC FORCEMAIN
- DRAINFIELD: 4 LP PANEL LATERALS WITH 14 PANELS PER LATERAL (60 LF EACH)
- WITH 1 1/4" PVC PIPING WITH 5/32" ORIFICE/PANEL @ 3.0' PER LATERAL



OFFSITE FORCE MAIN No.. 1

PIEDMONT DESIGN
ENGINEERING • SURVEYING • PLANNING
Associates, P.A.
Suite 101 Westfield Center, 125 East Plaza Drive
Mooresville, North Carolina 28115
Phone:(704) 664-7888 Fax:(704) 664-7778 www.pdapa.com

PREPARED FOR:
SIMONINI BUILDING GROUP
7804 FAIRVIEW ROAD
CHARLOTTE, NC 28226-4998
(704) 524-3966

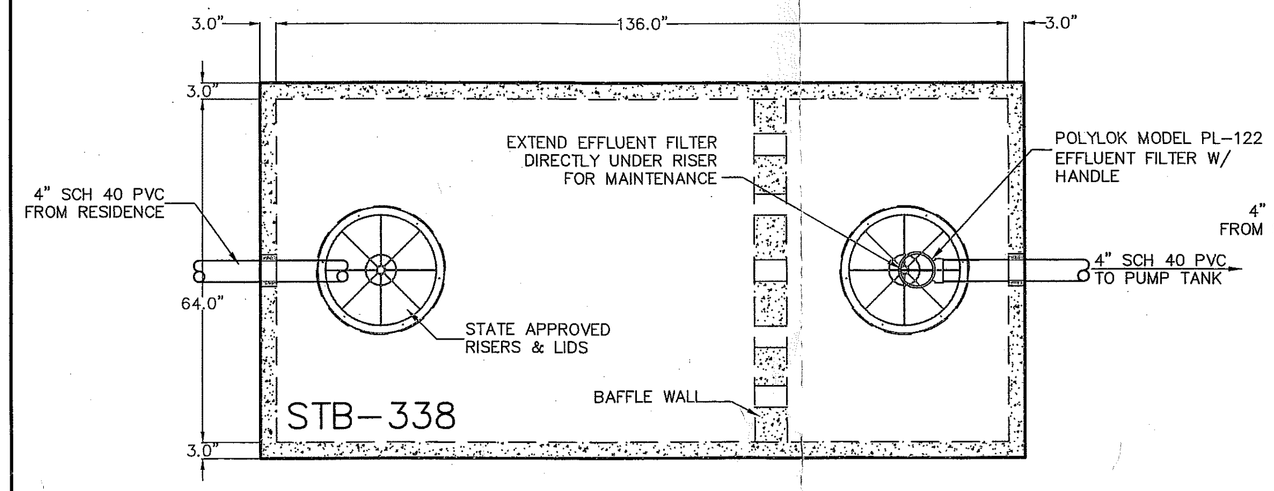
SEPTIC SYSTEM SITE PLAN
LOT #1 TULLOCH ROAD
3 BEDROOM RESIDENCE
CHARLOTTE, MECKLENBURG COUNTY, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 17881 DAVID L. MCSWAIN

REVISIONS	BY
A REV. PER COMMENTS BY MCDK CO. (4/17/2013)	DMD

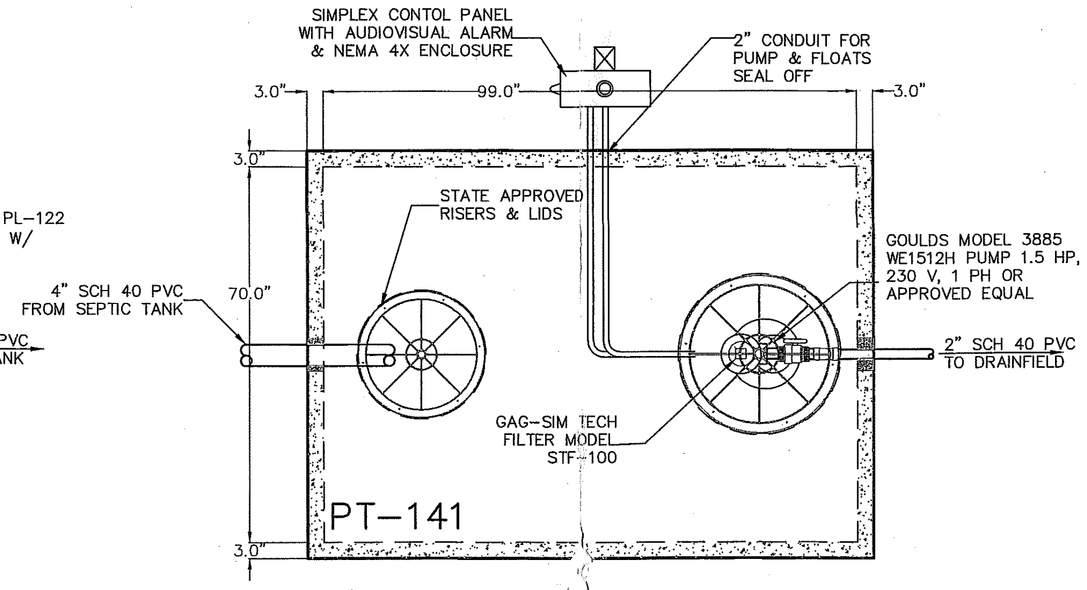
Date: 2/15/2013
Scale: 1"=50' Hor. 2' CONTOURS
Drawn: DMD
Checked: DLM
Job: 2013-02-02
Sheet U-1
A 4/17/13
of 2 Sheets

Location: 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: _____



PLAN VIEW – 1,500 GAL SEPTIC TANK

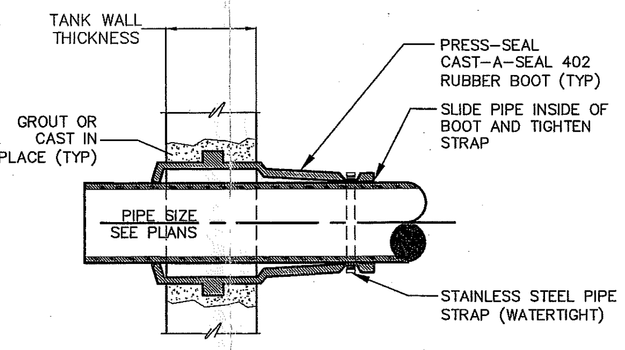
N.T.S. STB-338



PLAN VIEW – 1,500 GAL PUMP TANK

N.T.S. PT-141

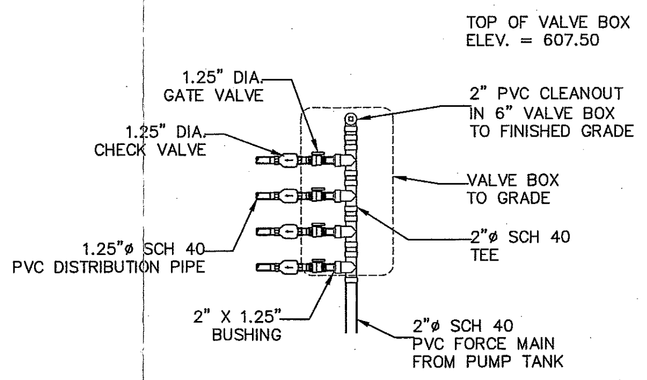
NOTE:
CONTRACTOR TO VERIFY EXISTING SITE POWER SUPPLY (VOLTAGE) BEFORE ORDERING PUMPS, CONTROLS, ETC.



STANDARD PIPE PENETRATIONS

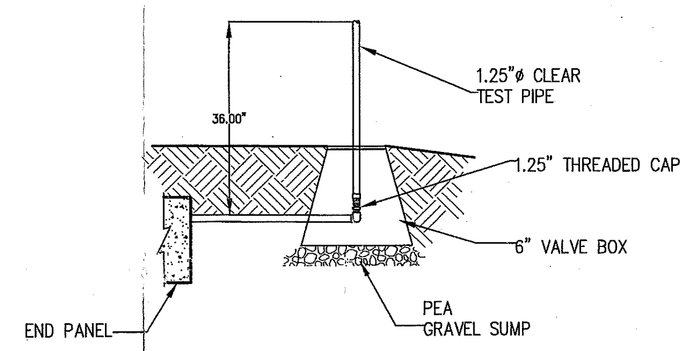
SCALE: NTS

NOTE:
ALL VALVE BOX ACCESS RISERS TO BE EASILY ACCESSIBLE AND CLEARLY VISIBLE FROM FINISHED GRADE



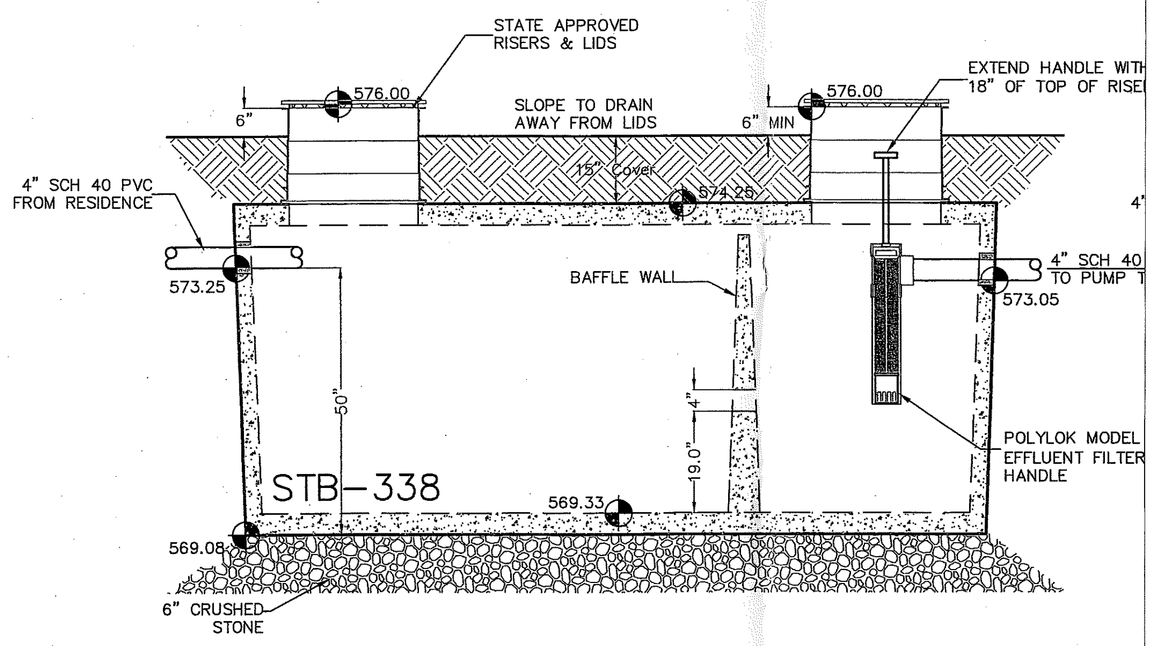
VALVE BOX DETAIL

NTS



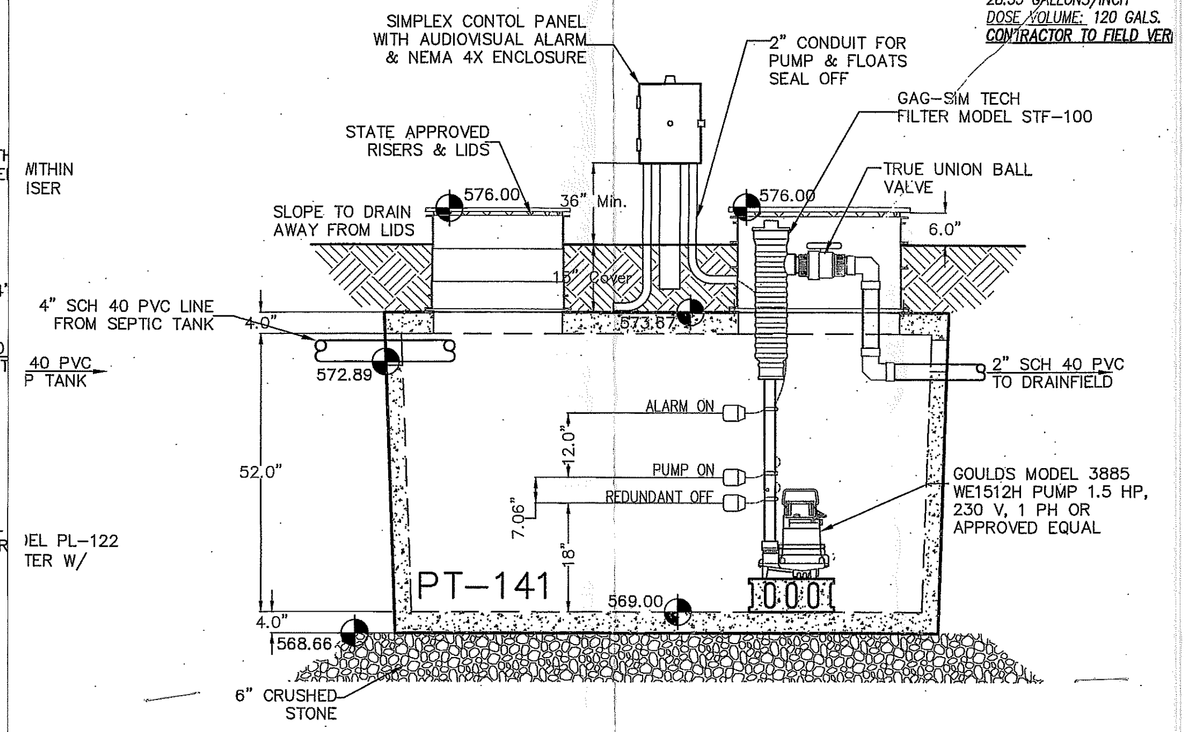
TURN UP DETAIL

NTS

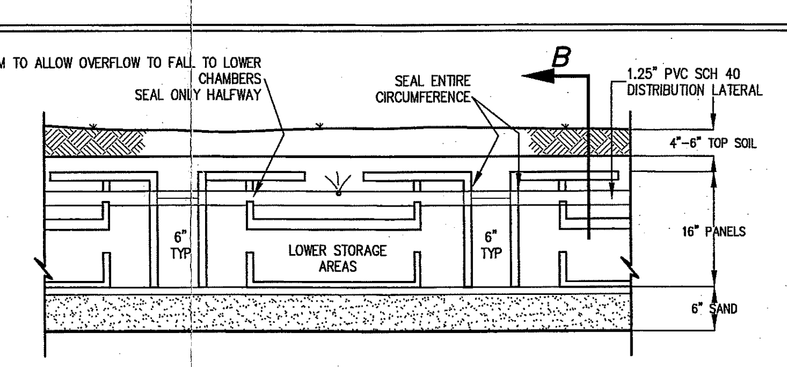


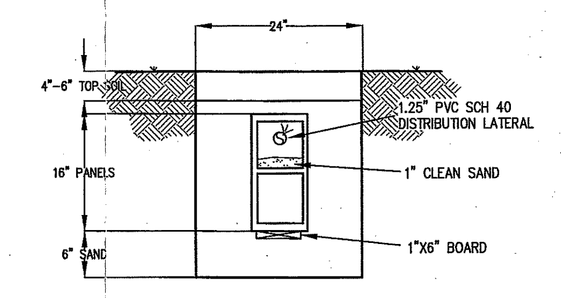
ELEVATION VIEW – 1,500 GAL SEPTIC TANK

N.T.S. STB-338



ELEVATION VIEW – 1,500 GAL PUMP TANK





CUTAWAY OF PRESSURE PANEL

NTS

SEE SHEET U-1
FOR SYSTEM LAYOUT

REFER TO PACKAGE FOR MATERIALS
SELECTION AND INSTALLATION
REQUIREMENTS

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NCBELS License #: C-1007

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SEPTIC SYSTEM DETAILS
3 BEDROOM RESIDENCE
LOT #1 TULLOCH ROAD
MECKLENBURG COUNTY, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 029271 DONALD L. MANN AT PIEDMONT DESIGN ASSOCIATES, P.A.

REVISIONS	BY
REV. PER COMMENTS BY MECK CO. (4/16/2013)	DMD

Date: 2/15/13
Scale: 1"=20 FT
AS SHOWN
Drawn: DMD
Checked: DLM
Project: 2013-02-02
Job: 2013-02-02
Sheet
U-2
A 4/16/13
of 2 Sheets

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Location: PR-31

Owner: _____ Approved: _____ Date of Issue: _____

2014 Projects\2013-02-02\Tulloch\Engineering\Civil\Plans\Layout_4-16-2013.dwg, Layout1, 4/16/2013 4:43:38 PM, Donald Mann, ANSI D (34.00 x 22.00 Inches)