5088B

9901 Hatfield Rd

Charlotte NC

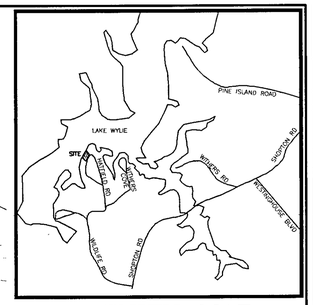
19938111

Groundwater and Wastewater Services File Imaging Project

April 1017

LAKE WYLIE

MAGNETIC



VICINITY MAP
NO SCALE

568
570
572
574
576
578
580
582
584
586

℄ OF DRAINAGE DITCH
ALL SEWER COMPONENTS TO
BE LOCATED 15' FROM DITCH

1,500 GAL
SEPTIC TANK

1"ø
RETURN LINE

4"ø DWV
FROM HOUSE

HEADWORKS
BOX

4"ø
DWV

1,500 GAL FILTER
DOSING TANK

2"ø
PVC

1,500 GAL
FIELD DOSING TANK

3 PEAT BIOFLTERS
BY BORD NA MONA

50' REAR SETBACK

50' WELL SETBACK

SLEEVE FORCEMAINS AND
RETURN LINE UNDER DRIVE
IN 4"ø SCH 40 PVC

BUILDING ENVELOPE
52 FT X 150 FT

10' SIDE SETBACK

±165'

±150'

2–1"ø SCH 40
PVC FORCE MAINS

1–1"ø SCH 40
SCOUR RETURN LINE

10' SIDE SETBACK

39.50'

LIMIT OF DRIVEWAY ENCROACHMENT

222 LF
232 LF
146 LF
324 LF
190 LF
86 LF

15' MIN SETBACK

ZONE A:
600 LF OF DRIPLINE
3 LATERALS
(LENGTHS VARY)

ZONE B:
600 LF OF DRIPLINE
3 LATERALS
(LENGTHS VARY)

CLEAN OUT

CLEAN OUT &
AIR RELEASE VALVE

30' FROM ℄ OF ROAD

HATFIELD ROAD
60' R/W

REFER TO SPECIFICATION
PACKAGE FOR MATERIALS
SELECTION AND INSTALLATION
REQUIREMENTS

ALL SEWER COMPONENTS TO BE
LOCATED 15' FROM HOUSE

SEE SHEET U–2 FOR SYSTEM
DETAILS

GRASS ALL
DISTURBED
AREAS

ZONE A LATERAL LENGTHS:	
LINE 1	222 LF
LINE 2	232 LF
LINE 3	146 LF

ZONE B LATERAL LENGTHS:	
LINE 1	324 LF
LINE 2	190 LF
LINE 2	86 LF

GRAPHIC SCALE
10 0 5 10 20 40
(IN FEET)
1 inch = 10 ft.

PIEDMONT DESIGN
ENGINEERING/SURVEYING/PLANNING
Associates, P.A.
Suite 104 Westfield Center, 125 East Plaza Drive
Mooresville, North Carolina 28115
Phone:(704) 664-7888 Fax:(704) 664-1778

PREPARED FOR:
WAYNE FORBIS
4212 KRONOS PLACE
CHARLOTTE, NC 28210
704–552–1177

SUBSURFACE DRIP DISPOSAL SYSTEM SITE PLAN
3 BEDROOM RESIDENCE
9901 HATFIELD ROAD
CHARLOTTE, MECKLENBURG Co., NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 3370 B. R. GARRINGER, JR.

REVISIONS	BY

Date: 12/9/2002
Scale: 1"=10' & 1' CONTOURS
Drawn: DMD
Checked: BKB
Job: 02-12-02
Sheet U–1 of 2 Sheets

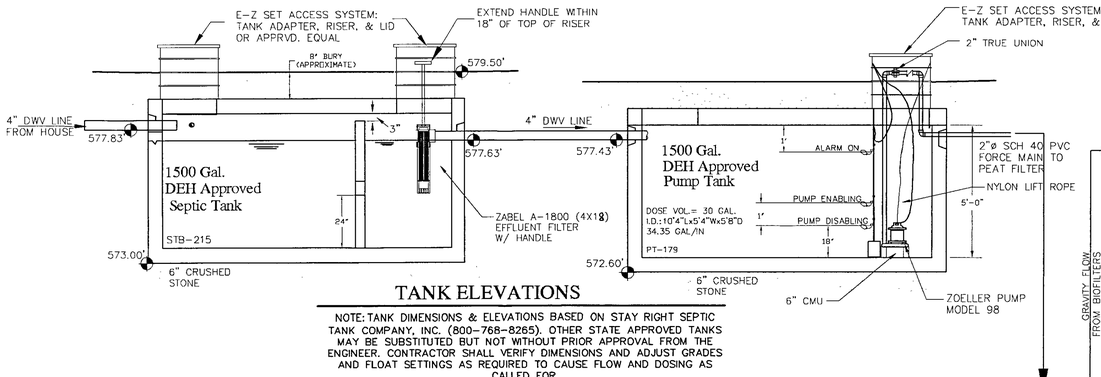
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Location: PR-31

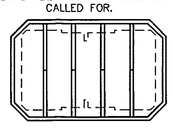
Owner: _____ Approved: _____ Date of Issue: _____

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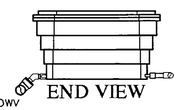


TANK ELEVATIONS

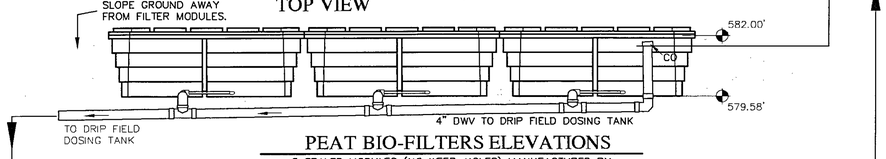
NOTE: TANK DIMENSIONS & ELEVATIONS BASED ON STAY RIGHT SEPTIC TANK COMPANY, INC. (800-768-8265). OTHER STATE APPROVED TANKS MAY BE SUBSTITUTED BUT NOT WITHOUT PRIOR APPROVAL FROM THE ENGINEER. CONTRACTOR SHALL VERIFY DIMENSIONS AND ADJUST GRADES AND FLOAT SETTINGS AS REQUIRED TO CAUSE FLOW AND DOSING AS CALLED FOR.



TOP VIEW

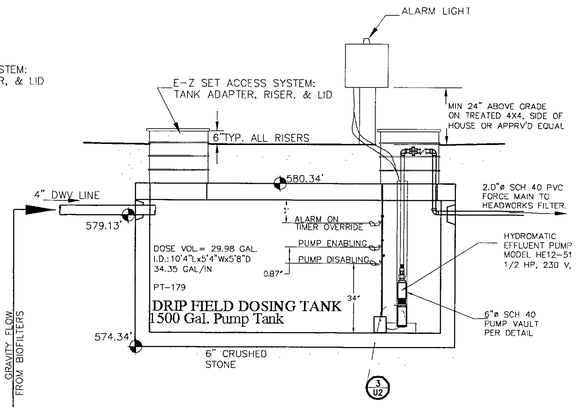


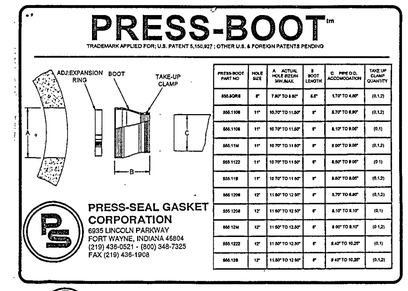
END VIEW



PEAT BIO-FILTERS ELEVATIONS

3 SEALED MODULES (NO WEEP-HOLES) MANUFACTURED BY PURAFLO PLACED ON 6" SUPPORT GRAVEL BED





PRESS-SEAL GASKET CORPORATION
6935 LINCOLN PARKWAY - FORT WAYNE, INDIANA 46804
Phone (219) 436-0521 or (800) 348-7325
FAX (219) 436-1909

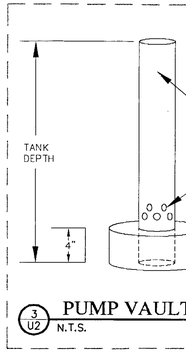
PRESS BOOT DETAIL

PANEL SCHEDULE for PANEL No.					TYPE NQOD		CLASS 1630	
SERVICE 11Ø-220VAC/1Ø/3W- MAINS 100 AMP BUS				M.BKR 100 AMP	CABINET FLUSH		MOUNTED @ 48"	
CIRCUIT LOCATION	100A	100A	CKT #		CKT #	TRIP	CIRCUIT LOCATION	
FILTER PUMP ALARM	25	15A	1		2	15A	25	DRIP PUMP ALARM
1/2HP FILTER PUMP	500	20A	3		4	20A	1590	1/2 HP DRIP PUMP
		20A	5		6	20A		
RECEPTICLE	25	20A	7		8			
			9		10			

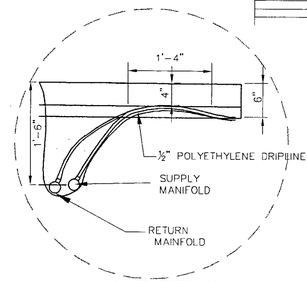
PARTIAL PANELBOARD

SEE SHEET U-1 FOR SYSTEM LAYOUT

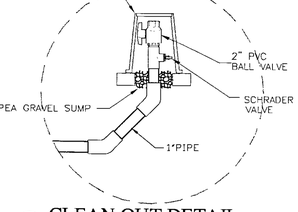
REFER TO SPECIFICATION PACKAGE FOR MATERIALS SELECTION AND INSTALLATION REQUIREMENTS



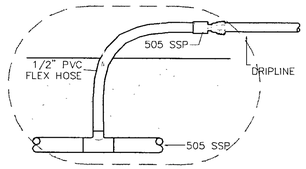
3 U2 PUMP VAULT DETAIL
N.T.S.



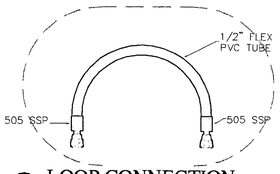
2 U2 DRIP FIELD MANIFOLD DETAIL
N.T.S.



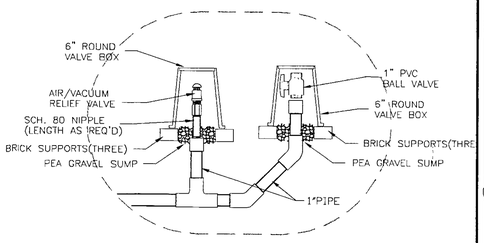
1 U2 CLEAN OUT DETAIL
N.T.S.



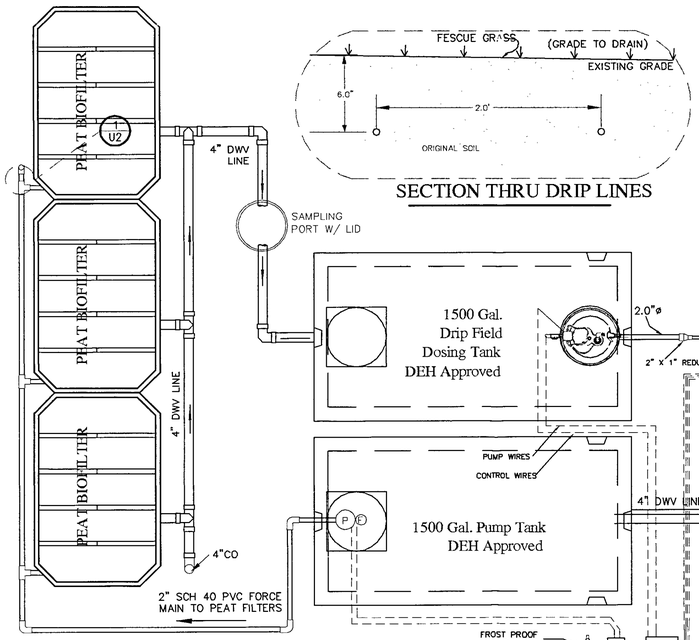
5 U2 SUB MAIN CONNECTION
N.T.S.



4 U2 LOOP CONNECTION
N.T.S.



6 U2 CLEAN OUT AND AIR/VACUUM RELIEF VALVE DETAIL (TYP.)
N.T.S.



SECTION THRU DRIP LINES

NOTE: MOUNT CONTROL PANELS A MIN. OF 24" ABOVE GRADE ON 4"x4" TREATED POST OR ON BLDG WALL

SYSTEM PLAN VIEW

NOTE: TANK DIMENSIONS & ELEVATIONS BASED ON STAY RIGHT SEPTIC TANK COMPANY, INC. (800-768-8600). 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.

DRIP FIELD ZONE A
3 LINES WITH A TOTAL OF 600 LF OF TUBING W/ EMITTERS SPACED @ 24" CTS. EACH WAY

UPSLOPE DIRECTION

DRIP FIELD ZONE B
3 LINES WITH A TOTAL OF 600 LF OF TUBING W/ EMITTERS SPACED @ 24" CTS. EACH WAY

GRAVITY FLOW FROM BIOFILTERS

PIEDMONT DESIGN ASSOCIATES, P.A.
ENGINEERING/SURVEYING/PLANNING
Suite 104 Westfield Center, 125 East Plaza Drive
Mooresville, North Carolina 28115
Phone:(704) 664-7388 Fax:(704) 664-1778

PREPARED FOR:
WAYNE FORBIS
4214 KRONOS LANE
CHARLOTTE, NC 28210
704-55-1177

SUBSURFACE DRIP SYSTEM DETAILS
3 BEDROOM RESIDENCE
9901 HATFIELD ROAD
CHARLOTTE, MECKLENBURG Co., NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 3370 BARRINGER

REVISIONS	BY

Date: 12/9/2002
Scale: 1"=30' & AS SHOWN
Drawn: DMD
Checked: BKB
Job: 02-12-00
Sheet U-2
of 2 Sheets

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Location: PR-31
Owner: _____ Approved: _____ Date of Issue: DEC 12 2002

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