

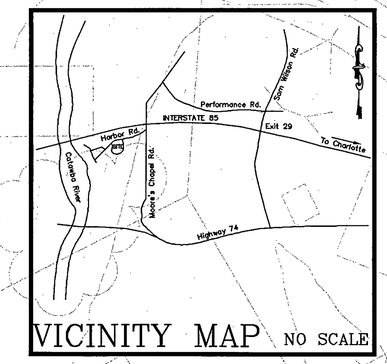
10335 HARBOR DR

05317401

12/27/2007

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M



VICINITY MAP NO SCALE

MAGNETIC

Harbor Dr

NOTE: REMOVE ALL VEGATATION, CUT TREES AT GROUND SURFACE AND LEAVE STUMPS. GRASS ALL DISTURBED AREAS.

NOTE: CONTRACTOR SHALL REMOVE DEBRIS DOWN TO ORIGINAL TOPSOIL IN THIS AREA WITH BACKHOE WORKING FROM TOP OF FILL. NO MACHINARY IS TO BE ON THE DRIPFIELD. LEAVE A MINIMUM OF A 2:1 SLOPE W/ SURFACE DIVERSION SWALE AT THE TOP TO CHANNEL RUNOFF AWAY FROM PROPOSED FIELD (SEE SECTION).

N 10°40'01" E 84.89'
N 18°37'40" E 21.21'
N 52°17'09" E 88.83'
N 79°23'55" E 82.65'
N 06°21'07" E 96.45'
N 29°03'41" W 85.66'
S 89°39'20" E 87.92'
N 09°37'35" E 64.08'
N 28°17'04" E 97.92'
N 33°13'01" E 113.98'
N 61°12'58" E 103.70'

EXISTING ASPHALT DRIVE
S 05°50'28" E 312.10'
S 38°50'30" S 305.55'

DEBRIS TO BE REMOVED PER NOTE
DIVERSION SWALE
2'
1'
EXISTING DEBRIS
ORIGINAL GROUND
TOP OF DRIPFIELD

SECTION THRU DRAINFIELD
(N.T.S.)

ZONE (A) 912 LF DRIPLINE LATERALS @ 2' CTS
ZONE (B) 912 LF DRIPLINE LATERALS @ 2' C.T.S.
NOTE: MAINTAIN 30' SEPARATION FROM CENTER OF GULLY
NOTE: MAINTAIN 30' SEPARATION FROM CENTER OF GULLY
REPAIR AREA AVAILABLE= ±3800SF
10' SETBACK FOR SYSTEM COMPONENTS
60' SETBACK FOR PIEDMONT NATURAL GAS COMPANY

1"ø RETURN LINE
2-1.5"ø FORCEMAINS
N 42°19'48" W 145.79'
S 47°40'12" W 261.50'
S 47°40'12" W 867.31'

4"ø DWV
1500 GAL SEPTIC TANK
1500 GAL FILTER DOSE TANK
4"ø SCH40 PVC
3 PEAT BIO-FILTERS
1500 GAL DRIP DOSING TANK
15.0' min from residence
FROST PROOF HYDRANT
CONTROL PANELS
HEADWORKS: FILTER, METER & VALVES

PROPOSED 3 BEDROOM RESIDENCE
FFE ± 600'
PROPOSED DRIVEWAY LOCATION

100' WELL SETBACK
N 42°19'48" W 150.66'

LEGEND:
= Auger Holes Bored by Soil Scientist
= Flagged Boundary for Dripfield set by Soil Scientist

SURVEY PROVIDED BY:
ROBINSON AND SAWYER, INC.

SEE SHEET U-2 FOR DETAILS

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

MAR 1 3 2002

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:

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PREPARED FOR:
KENNETH L. RICE, JR.
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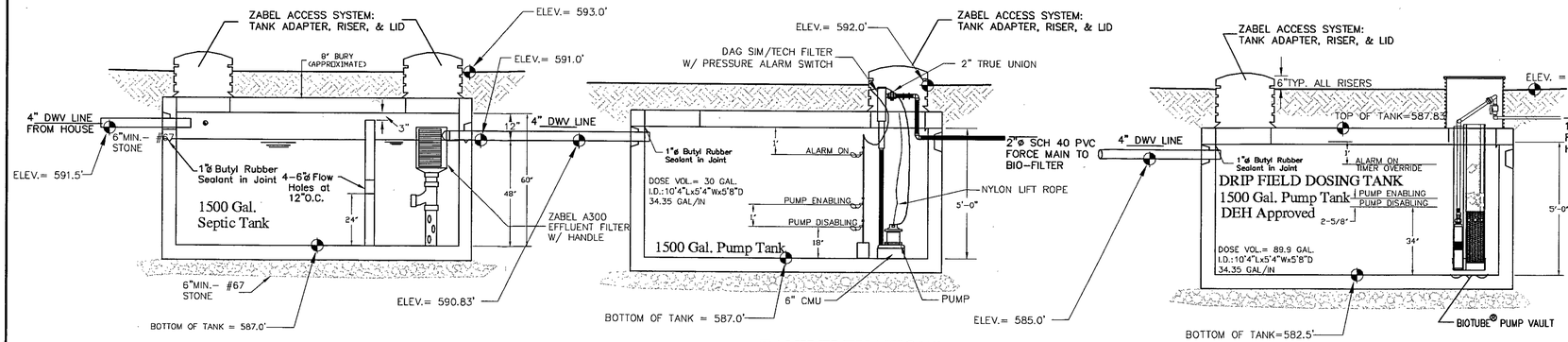
SUBSURFACE DRIP SEPTIC SYSTEM PLAN
3 BEDROOM RESIDENCE
10335 HARBOR DR.
CHARLOTTE, MECK. Co., NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 9320 ENGINEER KENNETH L. RICE JR.

REVISIONS	BY

Date: 3/12/2002
Scale: 1" = 30'
Drawn: DMD
Checked: BKB
Job: 02-01-11
Sheet U-1
of 2 Sheets

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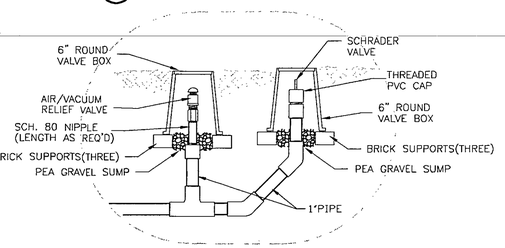


5/U2 TANK ELEVATIONS

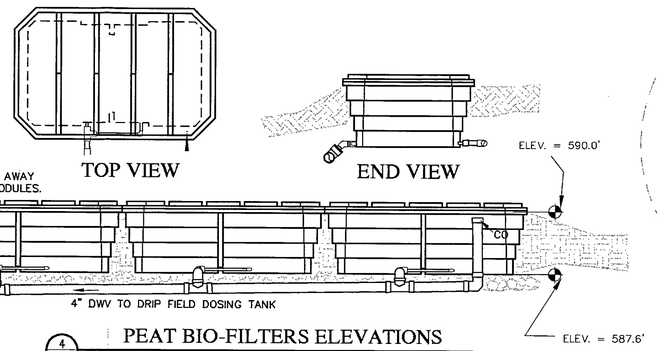
NOTE: TANK DIMENSIONS & ELEVATIONS BASED ON DELLINGER SEPTIC TANK COMPANY, INC. (704-483-2868). OTHER STATE APPROVED TANKS MAY BE SUBSTITUTED BUT NOT WITHOUT PRIOR APPROVAL FROM THE ENGINEER. CONTRACTOR SHALL VERIFY DIMENSIONS AND ADJUST GRADES AND FLOAT SETTINGS AS REQUIRED TO CAUSE FLOW AND DOSING AS CALLED FOR.

PANEL SCHEDULE for PANEL No.													
SERVICE:110-220VAC/1ø/3W./60~		MAINS 100 AMP BUS			M.BKR. 100 AMP		TYPE NQOD		CLASS 1630				
CIRCUIT LOCATION	CIRCUIT LOAD	BREAKER SIZE	CIRCUIT #				CABINET - FLUSH		MOUNTED @ 48"				
							CKT #	CIRCUIT LOAD	CIRCUIT #	CIRCUIT LOAD	CIRCUIT LOCATION		
FILTER PUMP ALARM	25	15A	1				2	15A	25		DRIP PUMP ALARM		
1/2HP FILTER PUMP	500	20A	3				4	20A		1500	1-1/2 HP DRIP PUMP		
		20A	5				6	20A					
RECEPTICLE	25	20A	7				8						
			9				10						

PARTIAL PANELBOARD

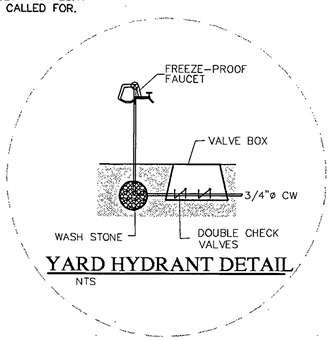


7/U2 CLEAN OUT AND AIR/VACUUM RELIEF VALVE DETAIL (TYP.)
6/U2 N.T.S.

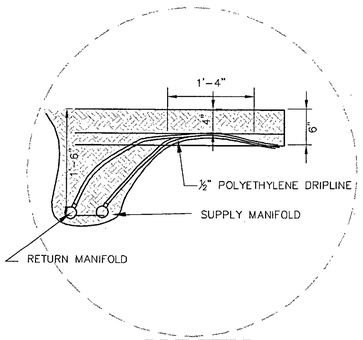


4/U2 PEAT BIO-FILTERS ELEVATIONS

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



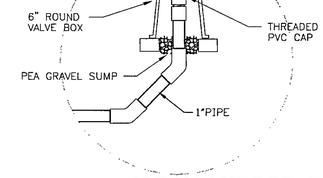
YARD HYDRANT DETAIL
NTS



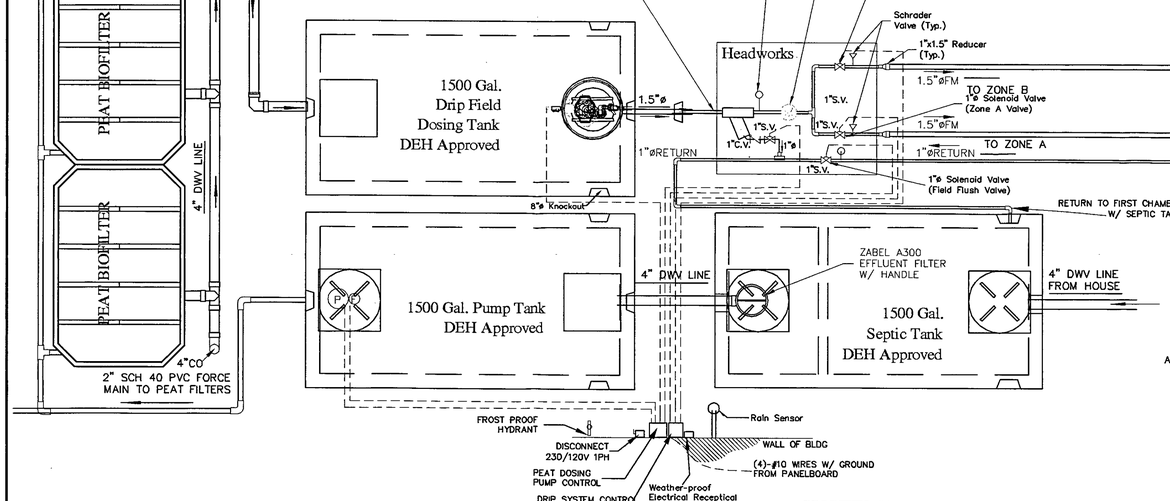
DRIP FIELD MANIFOLD DETAIL
2/U2 N.T.S.

SEE SHEET U-1 FOR SYSTEM LAYOUT

REFER TO SPECIFICATION PACKAGE FOR MATERIALS SELECTION AND INSTALLATION REQUIREMENTS



1/U2 CLEAN OUT DETAIL
N.T.S.



3/U2 SYSTEM PLAN VIEW

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SUBSURFACE DRIP SEPTIC SYSTEM DETAILS
3 BEDROOM RESIDENCE
10335 HARBOR DR
CHARLOTTE, MECK. Co., NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 3370 ENGINEER B. K. BARRINGER, JR.

REVISIONS	BY

Date: 3/12/2002
Scale: AS NOTED
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of 2 Sheets

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