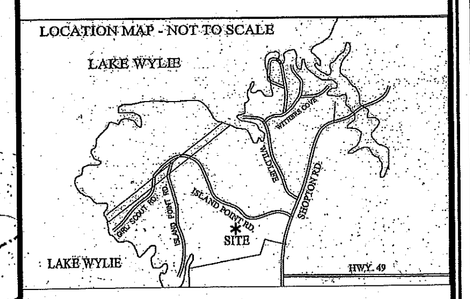
DESIGN SUMMARY:
- 7 BEDROOMS
- DESIGN FLOW – 840 G/D
- LTAR = 0.30 G/D/SF (PER PAUL PENNINGER, LSS W/ S&ME) FOR LPP FIELDS
- 100% REPAIR IS AVAILABLE USING LP PPBPS & MUST BE PROTECTED FROM ANY & ALL LAND DISTURBING ACTIVITIES
- 1,500 GALLON PRECAST SEPTIC TANK (BAFFLED) WITH EFFLUENT FILTER
- 1,500 GALLON PUMP TANK WITH SIMPLEX PANEL AND PUMP

LOCATION MAP - NOT TO SCALE



VICINITY MAP
NO SCALE

98
211,820 SF
SWPE=612.17
#10811

97
222,549 SF
SWPE=617.69
#10829

96
166,536 SF
SWPE=620.90
#10915

95
220,707 SF
SWPE=630.87
#11107

115
187,798 SF
SWPE=652.33
#11004

114
119,752 SF
SWPE=650.41
#10930

113
116,435 SF
#10912

112
116,813 SF
#10828

SFE 115A
30,643 SF

COS
92,446 SF
2.122 ACRE

SFE 94A
19,500 SF

SFE 114A
23,552 SF

SFE 95A
18,751 SF

LOT 1
MB:27-668

Now or Formerly
Larry E. Williams
MB: 27-668

GREEN HERON COURT

50' CLASS 'C' BUFFER

30' BLUELINE STREAM BUFFER (MEASURED FROM TOP OF BANK) (EACH SIDE OF STREAM TYP.)

Stormwater Elevation Line Field Located

FIELD LOCATED TOP OF BANK

1,500 GALLON PUMP TANK
1,500 GALLON SEPTIC TANK
CONTROL PANEL MOUNTED TO SIDE OF RESIDENCE

PROP. 7 BEDROOM RESIDENCE

EXISTING 3"ø PVC FORCEMAIN

END OF EX. 3"ø SCH 40 PVC FORCEMAIN

±380 LF 3"ø SCH 40 PVC FORCEMAIN TO EX. FORCEMAIN END

1,350 LF TOTAL OF 3"ø SCH. 40 PVC FORCEMAIN TO VALVES. (INC. EX. & NEW).

END OF EX. 3"ø SCH 40 PVC FORCEMAIN

VALVE BOX PER DETAIL ON SHEET U-2

LOW PRESSURE T&I PANEL BLOCK SYSTEM. SEE X-SECT DETAILS ON SHEET U-2

NOTE: REMAINDER OF FLAGGED LINES TO REMAIN UNDISTURBED AND TO BE USED AS PPBP'S REPAIR

INSTALL TURNUPS AT END OF EACH LATERAL PER DETAIL ON PLAN SHEET U-2

15' ACCESS EASEMENT & SEPTIC SUPPLY LINE EASEMENT TO SEPTIC AREAS

CONTROL CORNER CONCRETE MONUMENT NAD 83 NC GRID N: 508296.2391 E: 1395941.8365

CONCRETE MONUMENT NAD 83 NC GRID N: 508011.9502 E: 1397304.2855

REBAR FOUND

FLAGGED LINES BY PAUL PENNINGER, LSS

LINE NO.	NO. OF PANELS
1	10
2	16
3	16
4	16
5	17
6	17
7	17

50' ADDITIONAL SHORELINE BUFFER:
TO MINIMIZE THE RISK OF WATER-QUALITY DEGRADATION FROM POLUTION , AN ADDITIONAL 50' UNDISTURBED VEGETATIVE BUFFER IS PROVIDED ADJACENT TO THE REQUIRED SHORELINE BUFFER. THE PROVIDED SHORELINE BUFFER WIDTH TOTALS 100' AND SHALL

NOTE:
CONTRACTOR TO VERIFY JOB SITE POWER SUPPLY VOLTAGE AND PHASE AVAILABILITY AND CONSULT WITH DESIGN ENGINEER IF DIFFERENT THAN THAT REQUIRED FOR SPECIFIED PUMP

NOTE:
WATER IS SUPPLIED TO THIS SITE BY A OFF SITE WATER SUPPLY SOURCE. THERE ARE NO WELLS WITHIN 100 FEET OF THE PROPOSED SEPTIC SYSTEM OR COMPONENTS.

SITE & BOUNDARY INFORMATION TAKEN FROM:

SHEET TITLE: RECORD PLAT
87.978 ACRES THIS SHEET
138.786 ACRES TOTAL
PROJECT: THE SANCTUARY PHASE 4
MAP 1, SHEET 1
STREAM CLASSIFICATIONS PROVIDED BY: NCDENR, DWQ, NCU
OWNER: THE SANCTUARY AT LAKE WYLIE, LLC
YARBROUGH-WILLIAMS & HOUGH, INC. Planning • Surveying • Engineering 10 Woodlawn Green Charlotte, North Carolina 28217 Phone: (704) 525-4620 Fax: (704) 525-1438 www.ywh.com NC Firm License No. C-0293 SC Firm License No. 2727

NOTES:
- DRAINFIELD LATERAL LOCATIONS HAVE BEEN FLAGGED BY PAUL PENNINGER, LSS WITH S&ME, INC
- THERE ARE NO WELLS WITHIN 100 FEET OF EXISTING OR PROPOSED SEPTIC SYSTEM
- CONTRACTOR SHALL ESTABLISH A BENCHMARK ON SITE (SEE CIVIL DRAWINGS BY OTHERS FOR BENCHMARK ELEVATION).
- 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 SHEET AND SPECIFICATION PACKAGE FOR SYSTEM DETAILS & ELEVATIONS

GRAPHIC SCALE
(IN FEET)
1 inch = 60 ft.

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

PIEDMONT DESIGN
ENGINEERING / SURVEYING / PLANNING
Associates, P.A.
Suite 101 Westfield Center, 125 East Plaza Drive
Mooresville, North Carolina 28115
Phone:(704) 664-4673 Fax:(704) 799-7707 www.pdapa.com
NCBELS Licensed #: C-1007

PREPARED FOR:
MILTON BROWN
6405 BALTRAY ROAD
CHARLOTTE, NC 28278
704-421-0116

SEPTIC SYSTEM SITE PLAN
7 BEDROOM RESIDENCE
LOT 95 THE SANCTUARY
MECKLENBRUG COUNTY, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 13992 JAMES D. MCKEE

REVISIONS	BY

Date: 6/21/12
Scale: 1"=60 FT
2' CONTOURS
Drawn: DMD
Checked: DLM
Project: 2012-06-04
Job: 2012-06-04
Sheet U-1
of 2 Sheets

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: _____

Location: PR-31