

Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: **D 0 5 6 2 5 3**

PIN #: **0 7 6 1 5 3 6 1 5 2**

OP DATE: **1 2 / 1 4 / 2 0 1 6**

SYSTEM USE:

- ☒ House
☐ Mobile Home
☐ Business
☐ Other

SEWAGE TYPE:

- ☒ Domestic
☐ Industrial

PUMP/SIPHON?:

- ☒ Yes
☐ No

PRESSURE MANIFOLD:

- ☒ Yes
☐ No

SYSTEM TYPE:

- ☐ I
☐ II
☒ III
☐ IV
☐ V
☐ VI
☐ Other

SUB TYPE:

- ☐ A
☒ B
☐ C
☐ D
☐ E
☐ F
☐ G

NBR BEDROOMS:

- ☐ 1
☐ 2
☐ 3
☒ 4
☐ 5
☐ 6
☐ Other

MAINT. SCHEDULE:

- ☐ Yes
☒ No

CERT. OPERATOR

- ☐ Yes
☒ No

GT ST PT SIZE

- | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|------------------|
| ☐ | ☐ | ☐ | 750 |
| ☐ | ☐ | ☐ | 900 |
| ☐ | ☐ | ☐ | 1,000 |
| ☐ | ☒ | ☒ | 1,200 |
| ☐ | ☐ | ☐ | 1,500 |
| ☐ | ☐ | ☐ | 1,800 |
| ☐ | ☐ | ☐ | 2,100 |
| ☐ | ☐ | ☐ | 2,500 |
| ☐ | ☐ | ☐ | 3,000 |
| ☐ | ☐ | ☐ | 4,000 |
| ☐ | ☐ | ☐ | 5,000 |
| ☐ | ☐ | ☐ | 8,000 |
| ☐ | ☐ | ☐ | 10,000 |
| ☐ | ☐ | ☐ | Other |
| ☒ | | ☐ | None/NA GT or PT |

DRAINFIELD SIZE(SQ. FT.)

0 1 2 9 0

DRAIN TYPE:

- ☐ Stone
☒ EZ Flow
☐ Infiltrator
☐ Biodiffuser
☐ Cultec
☐ Drip
☐ Hancor
☐ Large Dia. Pipe
☐ Multi-Pipe
☐ Other

MAX DEPTH (IN.):

- ☐ 12 in. or less
☐ 18 in. or less
☒ 24 in. or less
☐ 26 in. or less
☐ 28 in. or less
☐ 30 in. or less
☐ 32 in. or less
☐ 36 in. or less
☐ Other

STONE DEPTH (IN.):

- ☐ 8 in. or less
☒ 12 in. or less
☐ 18 in. or less
☐ 24 in. or less
☐ Other

TRENCHES:

- ☒ Individual
☐ Bed

TRENCH WIDTH (IN.):

- ☐ 12 in. or less
☐ 18 in.
☐ 24 in.
☒ 36 in.
☐ 6 ft. or less
☐ 9 ft. or less
☐ Other

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WELL AND SEWAGE SITE LOCATION PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED

UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION HAS BEEN ISSUED

PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/ OR IF SITE IS ALTERED OR INTENDED USE CHANGED

PERMIT#: D056253 STATUS: A APP. DATE: 11/15/2016 BLDG. PERMIT#: I014138
 PIN: 0761 53 6152 000 TAX MAP: 675 0147 RECORDED: Y ORIG. PERMIT#: D035066
 TOWNSHIP: 18 SWIFT CREEK JURISDICTION: WC ZONING: R40W SW DEVICE: N S#:
 APPLICANT: STEET, THOMAS C (919) 842 - 6263
 5307 THE DYKE RALEIGH, NC 27606
 USE: HD USE: 0001 REPAIR/EXISTING SYSTEM EXIST USE: 101A CONVENTIONAL ONE-FAMILY HOUSE
 LTAR: 0.30 0.30 BEDROOMS: 4 BASEMENT: N #EMPLOYEES: 0
 SITE: ADDRESS: 5307 THE DYKE
 SUBDIVISION: DUTCHMAN DOWNS LOT: 119 ACRES: 0.93 EASEMENT: N LOC: SYS:
 DIRECTION: L S DAWSON ST, CONT S SAUNDERS ST W, R I40W, EXIT 295, L GORMAN ST, R TRYON RD, R PENNY RD, L DUTCHMA
 N DR, R BELGIUM DR, R THE DYKE

Well System: WATER: INDIVIDUAL - TYPE: EXISTING

WELL LOG INFORMATION: DEPTH: _____ CASING DEPTH: _____ YIELD: _____ STATIC LEVEL: _____
 WELL CONTRACTOR: _____ REG.# _____ PUMP CONTRACTOR: _____ REG.# _____
 Construction Compliance GROUT APPROVED ☐ DATE _____ EHS _____
 WELLHEAD APPROVED ☐ DATE _____ EHS _____
 SYSTEM FINALIZED ☐ DATE _____ EHS _____

COMMENTS:

Operation Permit

DESIGN FLOW: _____ gal./min. ACTUAL FLOW: _____ DOSE VOLUME: _____ gal. INNOVATIVE LETTER: _____
 INSTALLED BY: Sloan Griffin INSTALLATION APPROVED BY: Jill Perkins
 PROPRIETARY SYSTEM: Advanced Septic TYPE SYSTEM: III B

COMMENTS:

OPERATIONS PERMIT ISSUED? yes OP DATE: 12-14-16 BY: Jill Perkins

Systems defined as either a Type IIIb, IIIg with a pump, IV, V or VI, in accordance with the North Carolina Administrative Code 15A NCAC 18A .1961, Table V as adopted by reference in the "Regulations Governing Wastewater Treatment and Dispersal Systems in Wake County", require Wake County Environmental Services to conduct periodic inspections on this type system, pursuant to 15A NCAC 18A .1961 (j). Fees for these inspections will be charged as per the approved Fee Schedule. In addition, all systems are to be operated and maintained as specified in 15A NCAC 18A .1961. This permit is based in part on information provided by the homeowner or his/her representative in the application submitted for this permit. The Environmental Health Specialist is not responsible for false or misleading information contained in the application. The Environmental Health Specialist is also not responsible for concealed conditions on the property or for statements in this report that may have resulted from false or misleading statements provided to him in the application. Neither Wake County nor the Environmental Health Specialist warrants that the septic tank system will continue to function satisfactorily in the future or that the water supply will remain potable.

As Built Information:

Date: _____ Benchmark: _____ Rod reading: _____ Distance to Structure: _____
 ST: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____ Distance to Well: _____
 PT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____ Distance to P/L: _____
 GT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____ Pretreatment: _____
 D-box/FD/PM elev.: _____ Supply Line: _____ ft. Pump/Ctrl Panel: _____ Filter: _____
 Line 1: _____ Date: _____ Line 6: _____ Date: _____
 Line 2: _____ Date: _____ Line 7: _____ Date: _____
 Line 3: _____ Date: _____ Line 8: _____ Date: _____
 Line 4: _____ Date: _____ Line 9: _____ Date: _____
 Line 5: _____ Date: _____ Line 10: _____ Date: _____
 ETM1: _____ CC1: _____ ETM2: _____ CC2: _____ OR: _____ AC: _____ WM: _____
 Notes: _____

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WELL AND SEWAGE SITE LOCATION PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED

UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION HAS BEEN ISSUED

PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/ OR IF SITE IS ALTERED OR INTENDED USE CHANGED

PERMIT#: D056253 STATUS: A APP. DATE: 11/15/2016 BLDG. PERMIT#: I014138
PIN: 0761 53 6152 000 TAX MAP: 675 0147 RECORDED: Y ORIG. PERMIT#: D035066
TOWNSHIP: 18 SWIFT CREEK JURISDICTION: WC ZONING: R40W SW DEVICE: N S#:
APPLICANT: STEET, THOMAS C (919) 842 - 6263
5307 THE DYKE RALEIGH, NC 27606
HD USE: 0001 REPAIR/EXISTING SYSTEM EXIST USE: 101A CONVENTIONAL ONE-FAMILY HOUSE DESIGN FEE REQ?: PAID?:
LTAR: 0.30 0.30 BEDROOMS: 4 BASEMENT: N #EMPLOYEES: 0 FOUNDATION DRAIN: N
SITE: ADDRESS: 5307 THE DYKE
SUBDIVISION: DUTCHMAN DOWNS LOT: 119 ACRES: 0.93 EASEMENT: N LOC: SYS:
DIRECTION: L S DAWSON ST, CONT S SAUNDERS ST W, R 140W, EXIT 295, L GORMAN ST, R TRYON RD, R PENNY RD, L DUTCHMA
N DR, R BELGIUM DR, R THE DYKE

IMPROVEMENT PERMIT

[] As per GS 130A-335 (f), Improvement Permit is based on a Site Plan and is void Sixty (60) months from date of issuance.

[] As per GS 130A-335 (f), Improvement Permit is based on a Plat and is valid without expiration.

Permit is subject to revocation if the site plan or plat, whichever is applicable, or the intended use changes.

TANK SIZE: EXIST gal. PUMP Tank: _____ gal. GREASE TRAP: _____ gal. SQ FT: _____ ACCEPTED STATUS MAX DEPTH LINE: 24 in.
WASTEWATER: INDIVIDUAL SEWAGE: DOMESTIC TYPE SYSTEM: III B PUMP: Y P/M: Y
DAILY FLOW: 480 gal/day WATER: INDIVIDUAL PRETREATMENT: NA
COMMENTS:

IP ISSUED? DATE: BY: () PHONE#: (919)-

AUTHORIZATION FOR WASTEWATER/WATER SYSTEM CONSTRUCTION
VALIDITY CONCURRENT WITH THE IMPROVEMENT PERMIT

AUTHORIZATION CONDITIONS:

Contractors shall install system on contours, see attached site plan for wastewater system design and well location. No underground utilities, water lines or sprinkler systems may be located in the original system or repair areas. A septic tank filter with a riser for access is required. The wastewater system shall not be covered or placed into use until inspected by the Wake County Department of Environmental Services and an Operation Permit issued. An Accepted Status System may be used in place of conventional system, if it can be placed in the permitted/authorized trench footprint (except reduction in line length and/or number as allowed for in approval) and the installation is in accordance with the accepted system approval, without unauthorized product alteration. If permit required use of an Accepted Status System, substitution with another accepted status system may be made, as long as no changes are necessary in the location of each nitrification line (including any increase in line length), trench depth or effluent distribution method. If changes are necessary, prior approval by this office is required before system installation.

OTHER CONDITIONS: REPAIR DRAINLINES IF POSSIBLE WITH EZFLOW. IF REPAIRING DRAINLINES IS NOT AN OPTION, THAN SOLID PIPE THROUGH THE AFFECTED AREA.

TANK SIZE: EXIST gal. PUMP TANK: _____ gal. GREASE TRAP: _____ gal. SQ FT: _____ ACCEPTED STATUS MAX DEPTH LINE: 24 in.
MAINT: N OPER: N L/O: N TRENCH#: _____ LENGTH: _____ ft. WIDTH: _____ in. DESIGNER: _____
SUBFIELDS: _____ DESIGN HEAD PRESSURE: _____ DESIGN FLOW: _____ gal/min DOSE VOLUME: _____ gal. PRETREATMENT: NA
CA ISSUED? Y DATE: 11/15/2016 BY: (JFP) *Joe Perkins* PHONE#: (919)-856-7342

VICINITY MAP (N.T.S.)

CNO SEWER CLEAN OUT
EIS EXISTING IRON STAKE
M.H. MANHOLE
ECM EXISTING CONCRETE MONUMENT

MAGNETIC NORTH
(B.O.M.1972, V.4, PG.492)

91

S 05°15'00"W 200.00'

D56253

118

S 84°45'00"E 200.00'

15' SIDE

119

25.5' DECK
28.5' SCR. POR.
20.5' 28.5'
32.0' PORCH
43.7'
22.0'

PROPOSED HOUSE

PROP. DRIVE

PROP. WALK

M.B.L.

N 05°15'00"E 200.00'

5307 THE DYKE

Zoning R4000 By 301
Approve 03/02/06 (60' PUBLIC R/W)
Revise 101
Rect MBL
Front 30 Rear 30
Side 15 Corner
Comments: REVISED

I certify that the location of planned or existing structure(s) are accurately shown. I understand failure to locate structures in accordance with this plot plan may require the relocation of structure(s) regardless degree of completion. hereby grant permission to Municipal/County Representatives the right of entry to make evaluations or inspections upon this property.

Signature of Owner or Authorized Agent

NOTE: SHOWN IS LOT 119 OF
DUTCHMAN DOWNS S/D
SECT. 6
REF: B.O.M.1972, V.4, PG.492

AREA = 0.92 ACRES
5307 THE DYKE

50 0 50 100 150

GRAPHIC SCALE - FEET

THIS IS TO CERTIFY THAT THIS MAP WAS
PREPARED FROM AN ACTUAL SURVEY OF THE
PREMISES, MADE UNDER MY SUPERVISION, AND
THAT THERE ARE NOT ANY ENCROACHMENTS,
EXCEPT AS NOTED ON THIS MAP.

PRELIMINARY PLOT PLAN FOR:

JAMES RIVER BUILDING CO

CA: - Repair damaged lines if possible
- If not, solid pipe through affected area.

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WASTEWATER PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED UNTIL AN
AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION AUTHORIZATION HAS BEEN ISSUED

***PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/OR IF SITE IS ALTERED OR
INTENDED USE CHANGED***

OPERATIONS PERMIT

PERMIT # WREP-116304-2024

APPLICATION DATE: 01/05/2024

BLDG. PERMIT#:

PIN: 0761536152

RECORDED: Yes

TOWNSHIP: 18 - Swift Creek

JURISDICTION: Wake County

ZONING: R-40W

APPLICANT: Julie Steet
5307 The Dyke

BUSINESS PHONE:

HOME PHONE:

MOBILE PHONE: (919) 605-2247

HD USE: 0001 REPAIR/EXISTING SYSTEM

EXISTING USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

SITE ADDRESS: 5307 THE DYKE

SUBDIVISION: DUTCHMAN DOWNS

LOT: 119

ACRES: 0.93

DIRECTIONS: Take Holly Springs Rd South, Right onto Penny Rd, Left onto Dutchman, Right onto Belgium, Right onto The Dyke, 5307 on Right.

Systems defined as either type III-b, III-g with a pump, IV, V or VI, in accordance with the North Carolina administrative code 15A NCAC 18a .1961, table V as adopted by reference in the "Regulations Governing Wastewater Treatment Dispersal Systems in Wake County", requires Wake County Environmental Services to conduct periodic inspections of the system type pursuant to 15A NCAC 18a. 1961 (j). Fees for these inspections will be charged as per the approved Fee Schedule. In addition, all systems are to be operated and maintained as specified in 15A NCAC 18A .1961. This permit is based in part on information provided by the homeowner and/or his/her representative in the application submitted for this permit. The Environmental Health Specialist is not responsible for false or misleading information contained in the application. The environmental health specialist is also not responsible for concealed conditions on the property or for statements in this report that may have resulted from false or misleading statements provided to him/her in the application. Neither Wake County nor the Environmental Health Specialist warrants that the septic tank system will continue to function satisfactorily in the future or that the water supply will remain potable.

OPERATION PERMIT VALID FOR: No Expiration

INSTALLED BY: ADCOCK JR, JAMES S - 1902 - IV

PROPRIETARY SYSTEM: EZ1203HG - EZFlow EZ 1203H Geo **PRETREATMENT SYSTEM:**

SYSTEM TYPE INSTALLED: III B

OPERATION PERMIT: STATUS: Issued

ISSUED BY: Alexander Brown

ISSUED DATE: 04/19/2024

SEPTIC TANK: Existing

DATE OF MANUFACTURE:

FILTER:

GREASE TRAP:

DATE OF MANUFACTURE:

FILTER:

DOSING PUMP TANK: Existing

DATE OF MANUFACTURE:

FILTER:

CC1: 722

ETM1: 6,113

CC2:

ETM2:

RECIRCULATION TANK:

DATE OF MANUFACTURE:

CC1:

ETM1:

CC2:

ETM2:

SEPTIC TANK ELEVATION:

GREASE TRAP ELEVATION:

DOSING PUMP TANK ELEVATION:

RECIRCULATION TANK ELEVATION:

DISTRIBUTION DEVICE ELEVATION: 3

INSTALLED TRENCH DEPTH	INSTALLED AGGREGATE DEPTH	INSTALLED TRENCH LENGTH	INSTALLED TRENCH BOTTOM ELEVATION
30	12	50	5.5
30	12	50	5.6
30	12	50	5.8
30	12	50	6
30	12	60	6.2
30	12	60	6.9
30	12	60	7.1
30	12	60	7.3

ACTUAL PRESSURE HEAD: 2

ACTUAL FLOW RATE: 40

ACTUAL DOSE VOLUME: 201

SPECIFIC OPERATION REQUIREMENTS:

Repair permit issued for a 4 bedroom, 480 gallon per day, 8 persons maximum system. Repair manifold and drain lines were installed. The existing septic tank and pump tank will continue to be used. Switch valves were installed off of the pump tank to allow flow to be switched between both drain fields in the future.

ISSUED BY:



DATE: 04/19/2024

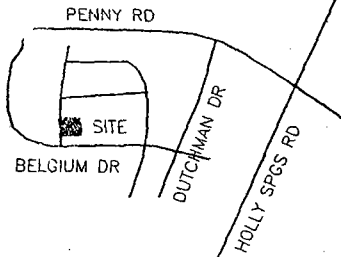
As-Built
04/17/2024

NTS NOT TO SCALE
EIP EXISTING IRON PIPE
PP POWER POLE
W/M WATER METER
TB TELEPHONE BOX
IPS IRON PIPE SET
CP&L TRANSFORMER
CTV CABLE TV BOX
L. POLE LIGHT POLE
OHPL OVERHEAD POWER LINE
F.E.S. FLARED END SECTION (PIPE)
RCP REINFORCED CONC. PIPE
B.O.C. BACK OF CURB
F.H. FIRE HYDRANT
C/O SEWER CLEAN OUT
EIS EXISTING IRON STAKE
M.H. MANHOLE
ECM EXISTING CONCRETE MONUMENT

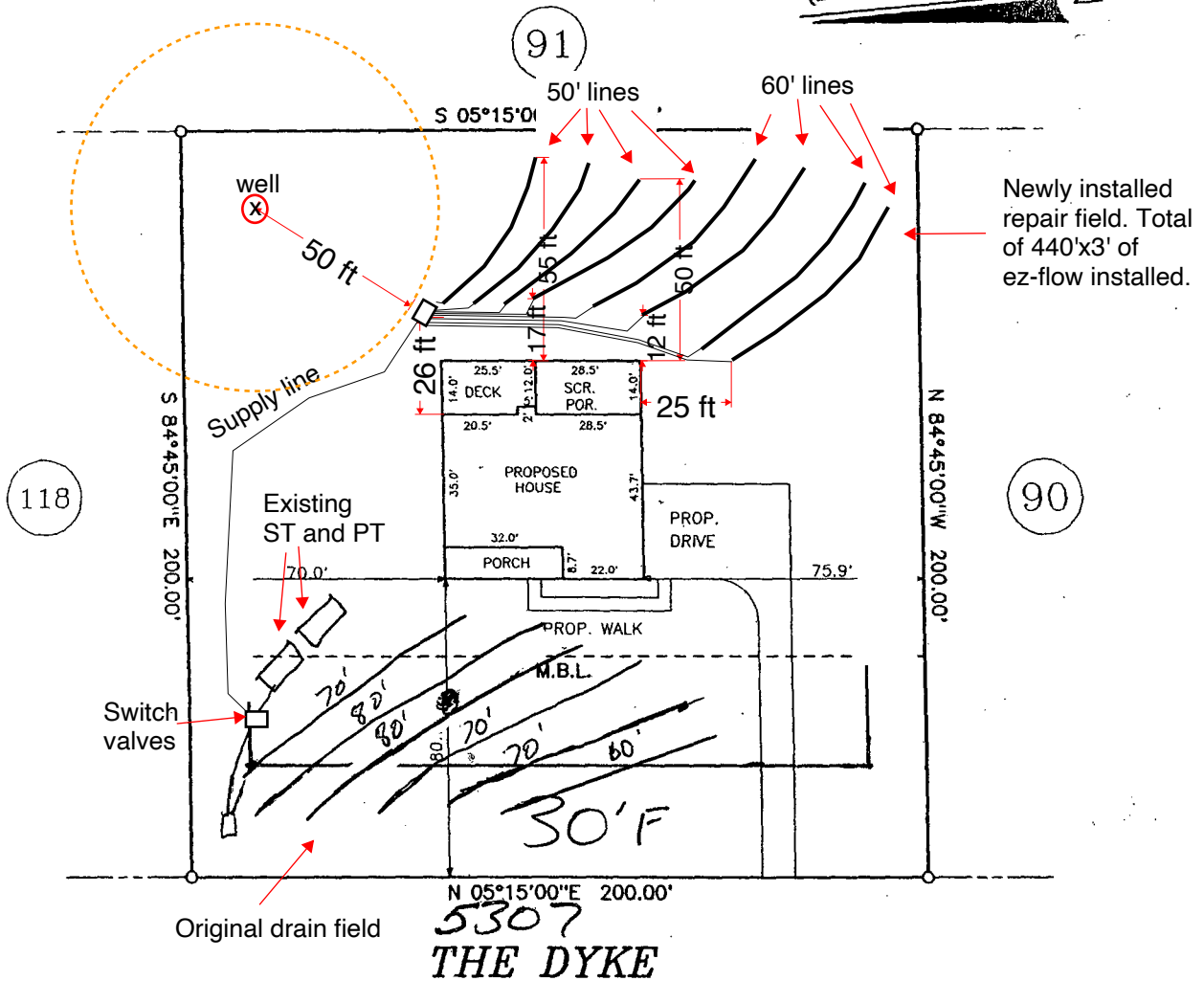
IMPERVIOUS SURFACE TABLE	
HOUSE	2767
DRIVEWAY	1769
SIDEWALK	176
TOTAL IMPERVIOUS AREA	4712
TOTAL LOT AREA	40,000
PERCENTAGE OF IMPERVIOUS AREA	11.78%
IMPERVIOUS SURFACE COVERAGE ALLOWED 12%	

REVISED

MAGNETIC NORTH
(B.O.M.1972, V.4, PG.492)

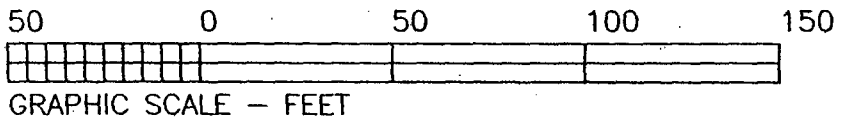


VICINITY MAP (N.T.S.)



NOTE: SHOWN IS LOT 119 OF
DUTCHMAN DOWNS S/D
SECT. 6
REF: B.O.M.1972, V.4, PG.492

AREA = 0.92 ACRES
5307 THE DYKE



THIS IS TO CERTIFY THAT THIS MAP WAS
PREPARED FROM AN ACTUAL SURVEY OF THE
PREMISES, MADE UNDER MY SUPERVISION, AND
THAT THERE ARE NOT ANY ENCROACHMENTS,
EXCEPT AS NOTED TO THE BEST OF MY KNOWLEDGE.
THAT THE RATIO OF PRECISION AS CALCULATED BY
LATITUDES AND DEPARTURES IS 1:10,000.
THIS MAP WAS PREPARED FOR TITLE COMPANY USE
AND IS NOT INTENDED FOR RECORDATION OR
CONVEYANCES WITHOUT WRITTEN AUTHORIZATION
OF THE SURVEYOR AND OTHER APPROPRIATE OFFICIALS.

PROFESSIONAL LAND SURVEYOR
L-3247

PRELIMINARY PLAT
NOT FOR RECORDATION

PRELIMINARY PLOT PLAN FOR:

SWIFT CREEK TWSP., WAKE CO., N.C.
SCALE 1" = 50' FEBRUARY 16, 2006

MAULDIN-WATKINS SURVEYING P.A.
1301 BROAD ST. / P.O. BOX 444
FUQUAY-VARINA, NC. 27526
919-552-9326

673-119