

Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: D 0 3 5 1 5 8

PIN #: 1 6 0 8 4 9 8 7 4 5

OP DATE: 0 8 1 2 4 1 2 0 0 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 0 7 7 6

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#: D035158 STATUS: A APP. DATE: 10/05/2005 BLDG. PERMIT#: 0061175
 PIN: 1608.01 49 8745 000 TAX MAP: 0788 0000 RECORDED: Y ORIG. PERMIT#:
 TOWNSHIP: 15 PANTHER BRANCH JURISDICTION: WC ZONING: R30
 APPLICANT: CATTANO CONSTRUCTION INC
 201 HOWELL RD
 APEX, NC 27523
 (919) 363 - 1969
 USE: HD USE: 101 ONE-FAMILY HOUSE
 EXIST USE:
 DISPOSAL: BEDROOMS: 3 BASEMENT: N #EMPLOYEES: 0
 SITE: ADDRESS: 4704 SWORDFISH DR
 SUBDIVISION: RAND MEADOWS LOT: 35 ACRES: 0.48
 DIRECTION: HWY 401 S, TL 1010 E, RAND MEADOWSS/D ON RT

Well System: WATER: COMMUNITY - 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: _____ INNOVATIVE LETTER: _____

INSTALLED BY: James Gully
 PROPRIETARY SYSTEM: _____
 COMMENTS: _____

INSTALLATION APPROVED BY: Ammon L. H. R.
 FILTER NO: _____

OPERATIONS PERMIT ISSUED? ✓

OP DATE: 8-24-06

BY: Corey F. R.

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: 1000 gals ID#: STB-858 D.O.M.: 3-30-06 Elev.: 7' 6 1/2" Distance to Well: _____
 PT: 1000 gals ID#: PT-72 D.O.M.: 3-30-06 Elev.: 7' 9 1/2"
 D-box/FD/PM elev.: 3' 8 1/2" Supply Line: _____ ft. Pump/Control Panel: _____
 Line 1: 5' 9 1/2" _____ Date: _____
 Line 2: 5' 8 1/2" _____ Date: _____
 Line 3: 6' 4" _____ Date: _____
 Line 4: _____ Date: _____
 Line 5: _____ Date: _____
 Distance to P/I.: _____ 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#: D035158 STATUS: A APP. DATE: 10/05/2005 BLDG. PERMIT#: 0061175
PIN: 1608.01 49 8745 000 TAX MAP: 0788 0000 RECORDED: Y ORIG. PERMIT#:
TOWNSHIP: 15 PANTHER BRANCH JURISDICTION: WC ZONING: R30
APPLICANT: CATTANO CONSTRUCTION INC
201 HOWELL RD
APEX, NC 27523
(919) 363 - 1969
USE: HD USE: 101 ONE-FAMILY HOUSE
EXIST USE:
DISPOSAL: BEDROOMS: 3 BASEMENT: N #EMPLOYEES: 0 FOUND DRAIN:
SITE: ADDRESS: 4704 SWORDFISH DR
SUBDIVISION: RAND MEADOWS LOT: 35 ACRES: 0.48
DIRECTION: HWY 401 S, TL 1010 E, RAND MEADOWSS/D ON RT

IMPROVEMENT PERMIT

TANK SIZE: 1000 gal. PUMP Tank: 1000 gal. SQ FT: 1035 STONE DEPTH: 12 in. MAX DEPTH LINE: 24 in.
WASTEWATER: INDIVIDUAL SEWAGE: DOMESTIC TYPE SYSTEM: III B PUMP: Y P/M: N
DAILY FLOW: 360 gal/day DESIGN FEE REQ?: PAID?: WATER: COMMUNITY

COMMENTS:

IP ISSUED? Y DATE: 10/20/2005 BY: (NRH) *Jatane Hinds* PHONE#: 796-8771

AUTHORIZATION FOR WASTEWATER/WATER SYSTEM CONSTRUCTION

VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE

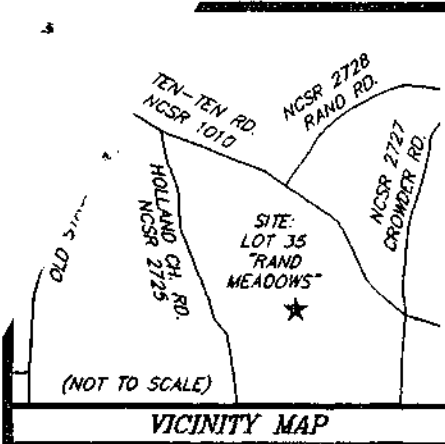
AUTHORIZATION CONDITIONS:

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:**

INSTALL THREE CONVENTIONAL LINES 115' BY 3' WITH A MAXIMUM TRENCH DEPTH OF 24" AND 12" OF STONE. INSTALL 1000 GALLON PUMP TANK AND 1000 GALLON SEPTIC TANK. INSTALL ALL LINES ON CONTOUR. MAINTAIN ALL SETBACKS. NO HEAVY MACHINERY OR GRADING ON SYSTEM OR REPAIR AREAS. NO FOUNDATION DRAINS TO BE INSTALLED ON BACK OF HOUSE. CALL THIS OFFICE WITH ANY QUESTIONS OR CONCERNS PRIOR TO INSTALLATION.

776 Innovative
TANK SIZE: 1000 gal. PUMP TANK: 1000 gal. SQ FT: ~~4085~~ STONE DEPTH: 12 in. MAX DEPTH LINE: 24 in.
MAINT: N OPER: N L/O: Y TRENCH#: 3 LENGTH: ~~115~~ 86' WIDTH: 36 in. DESIGNER:
SUBFIELDS: _ DESIGN HEAD PRESSURE: _ DESIGN FLOW: _ gal/min DOSE VOLUME: _ gal.

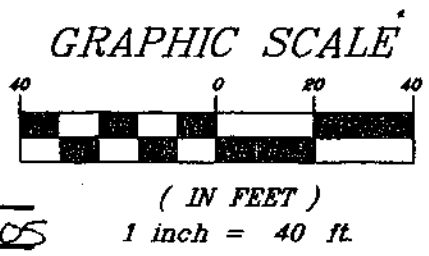
CA ISSUED? Y DATE: 11/22/2005 BY: (NRH) *Jatane Hinds* PHONE#: 796-8771



I, , do hereby certify that this plot was drawn under my supervision from an actual survey made under my supervision using references shown hereon; that the boundaries not surveyed are shown as broken lines plotted from information shown hereon; that the ratio of precision as calculated by latitudes and departures is 1: ; witness my original signature, license number and seal this day of .

Zoning B30 By CHL
 Approve ✓ Date 10/05/05
 Revise Use 101
 Reject MBL
 Front 15 Rear 15
 Side 5 Corner

Comments:



As Built

SHOWN HEREON IS ALL OF LOT No. 35 OF "RAND MEADOWS" PHASE 2 CLUSTER SUBDIVISION RECORDED IN BOOK OF MAPS 2004 PAGE 1301, WAKE COUNTY REGISTRY.

PROPERTY ADDRESS: 4704 SWORDFISH DRIVE
 RALEIGH, NORTH CAROLINA 27603

ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GROUND MEASUREMENTS.

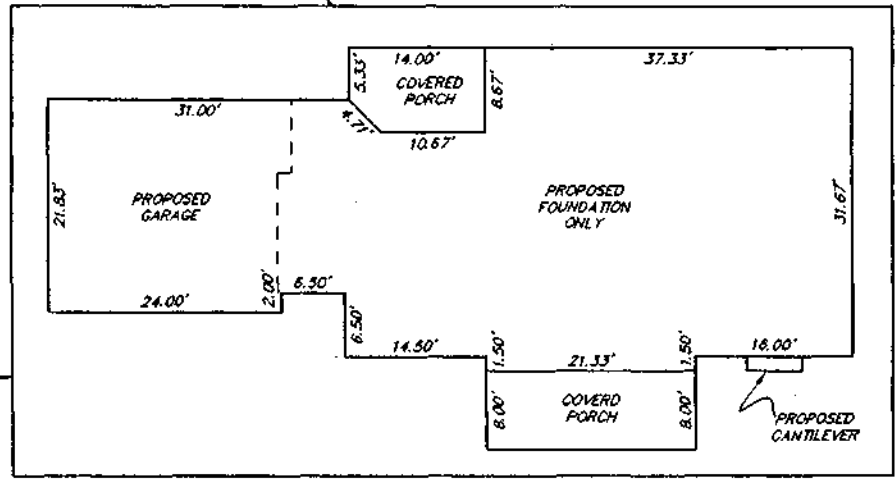
AREA BY THE D.M.D. METHOD

MINIMUM BUILDING SETBACKS
(PER RECORDED MAP)

FRONT	15'
SIDE	5'
REAR	15'

* NO DWELLING SHALL BE LOCATED W/IN 30' OF THE PERIMETER OF THIS SUBDIVISION REGARDLESS OF THE SETBACKS LISTED ABOVE.

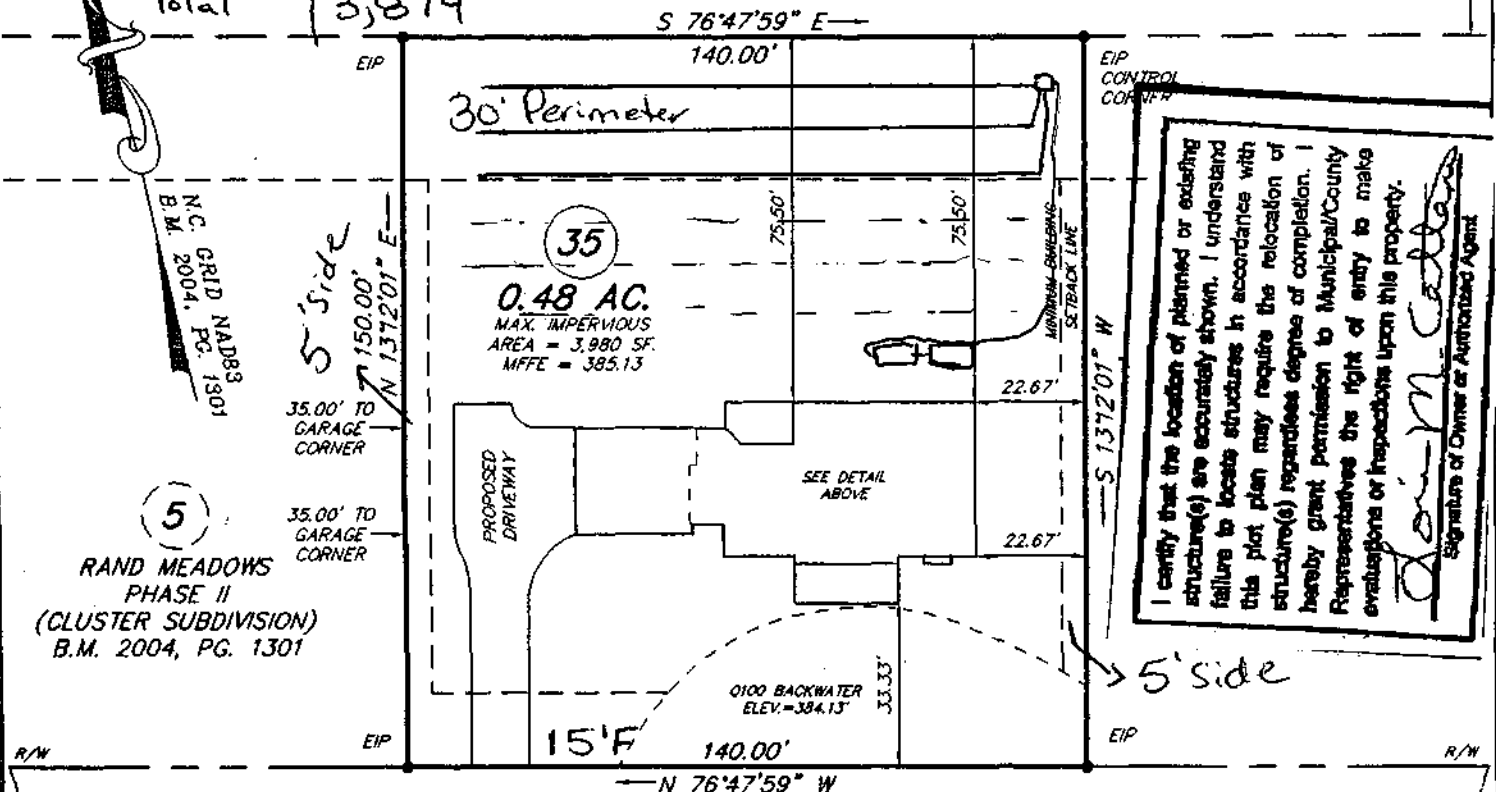
DETAIL OF PROPOSED DWELLING
 SCALE 1" = 20'



Impervious Surface

House	1660	} 2194
gar	524	
Porch	171	
Screen Porch	119	
Drivc+Walk	1400	
Total	3,874	

(NOW OR FORMERLY)
PHILIP R. RAND, ET AL
 B.M. 1946, PG. 72



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. I hereby grant permission to Municipal/County Representatives the right of entry to make evaluations or inspections upon this property.

Don M. Cattan
 Signature of Owner or Authorized Agent

0061175
 D35158
 Pin# 16080149 8745

4704 SWORDFISH DRIVE
 50' PUBLIC R/W

- LEGEND
- EIP - Existing Iron Pipe
 - IPS - Iron Pipe Set
 - MP - Mathematical Point Only
 - EIS - Existing Iron Stake
 - G - Centerline
 - PKS - Parker-Kalon Nail Set
 - ERR - Existing Railroad Spike
 - RRS - Railroad Spike Set
 - R/W - Right Of Way
 - MNS - Mag Nail Set
 - ECM - Existing Concrete Monument
- DRAWN BY
 PRP
- C:\PRP Drawings\05-356.dwg

PRELIMINARY
 THIS IS A PRELIMINARY DRAWING AND IS NOT TO BE USED AS A SURVEY OR TO TRANSFER ANY PROPERTY SHOWN HEREON

PLOT PLAN FOR
CATTANO CONSTRUCTION
 PANTHER BRANCH TOWNSHIP, WAKE COUNTY, NC

Smith and Smith
 surveyors

P.O. BOX 457
 APEX, N.C. 27502
 (919) 362-7111

P.O. BOX 877
 PITTSBORO, N.C. 27318
 (919) 842-4321

DATE SEPT. 29, 2005
 SCALE 1" = 40'
 PROJECT No. 05-356

