

13414 CLAYSPARROW RD

19935327

1/8/2008

duponbj

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

$200.00

#402

GWS -- RES. APP 07/05

PERMIT APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATION FOR ON-SITE WASTEWATER SYSTEM NEW WELL INSTALLATION OR REPAIR OF EXISTING WELL MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES

FILE # 5572B

SEPTIC / TYPE APPLICATION: ☐ NONE ☑ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFY PLOT PLAN

WELL / TYPE APPLICATION: ☐ NONE ☐ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

JOB LOCATION INFORMATION:

TAX/PARCEL #: 199-353-27

STREET ADDRESS: 13414 claysparrow Rd.

CITY: Charlotte

STATE: NC ZIP: 28278

SUBDIVISION OR MOBILE HOME PARK NAME: Sanctuary

LOT #: 80

TOWNSHIP:

☑ 0-MECKLENBURG ☐ 4-PINEVILLE

☐ 1-CHARLOTTE ☐ 5-MATTHEWS

☑ 2-DAVIDSON ☐ 6-HUNTERSVILLE

☐ 3-CORNELIUS ☐ 7-MINT HILL

BUILDING INFORMATION:

TYPE OF BUILDING:

☐ SINGLE MOBILE HOME (S) ☐ MODULAR HOME (M)

☐ DOUBLE WIDE (D) ☐ MULTIPLE FAMILY (U)

☑ HOUSE (H) ☐ OTHER

HEATED SQUARE FOOTAGE:

NUMBER OF BEDROOMS: 5

NUMBER OF OCCUPANTS: 5

FOUNDATION FOR RESIDENCE:

☐ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING

☑ CRAWLSPACE ☐ BASEMENT WITH NO PLUMBING

IF PLANNING TO EXPAND/ALTER THE EXISTING SYSTEM INDICATE THE FOLLOWING CHANGES:

NUMBER OF BEDROOMS TO BE ADDED: NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE:

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE? ☐ YES ☑ NO TYPE:

WATER SUPPLY:

☐ MUNICIPAL (M) ☑ PUBLIC (C) ☐ PRIVATE WELL (P) ☐ SHARED WELL (S) ☐ OTHER 'SPRINGS' (O)

PROPOSED USE OF WELL: ☐ N/A ☐ IRRIGATION ☐ POTABLE ☐ GEOTHERMAL ☐ OTHER

ARE ANY OF THE FOLLOWING LOCATED ON THE PROPERTY? IF SO, PLEASE SHOW LOCATION ON SITE PLAN/PLAT.

BURIED CABLES, LANDFILLS, STUMPHOLES	☐ YES	☐ NO	WELLS, SPRINGS, OR WATER LINES	☐ YES	☐ NO
EXISTING WASTEWATER SYSTEMS	☐ YES	☐ NO	DESIGNATED WETLANDS	☐ YES	☐ NO
EASEMENTS OR RIGHT-OF-WAYS	☐ YES	☐ NO	GRADING/SOIL REMOVAL PERFORMED	☐ YES	☐ NO

PROPERTY OWNER:

NAME: Prestige Custom Homes, Inc

ADDRESS: 7837 Pemswood Street

CITY: Charlotte

STATE: NC ZIP: 28277

HOME PHONE: WORK PHONE: 704-752-7613

MOBILE PHONE: 980 722-6658 FAX: 704-752-8038

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME:

ADDRESS:

CITY:

STATE: ZIP:

HOME PHONE: WORK PHONE:

MOBILE PHONE: FAX:

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?

WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?

*An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

2/21/06

Owner's/Agent's Signature Date

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT & NATURAL RESOURCES DIVISION
OF ENVIRONMENTAL HEALTH ON-SITE
WASTEWATER SECTION

*A Well Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Owner's/Agent's Signature Date

MECKLENBURG COUNTY HEALTH DEPARTMENT
GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST., SUITE 211
CHARLOTTE, NC 28202 704-336-5100 / FAX: 704-336-8894

FEE: $300.00
DATE: 3-24-04

APPLICATION FOR IMPROVEMENT PERMIT FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM

[ ] CRT

TYPE APPLICATION: ___ NEW SYSTEM ___ EXPANSION/ ALTERATION OF EXISTING SYSTEM ___ REPAIR OF EXISTING SYSTEM

NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

FILE #: 5592B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 109-353-07

STREET ADDRESS: Island Point Rd.

SUBDIVISION OR MOBILE HOME PARK NAME: The Sanctuary at Lake Wylie, LLC

LOT NUMBER: 88

TYPE OF BUILDING (CHECK ONE):

___ SINGLE MOBILE HOME(S)
___ DOUBLE WIDE (D)
___ HOUSE (H)
___ MODULAR HOME (M)
___ MULTIPLE FAMILY (U)
___ OTHER (O)

TOWNSHIP (CHECK ONE):

✓ 0 MECKLENBURG
___ 1 CHARLOTTE
___ 2 DAVIDSON
___ 3 CORNELIUS
___ 4 PINEVILLE
___ 5 MATTHEWS
___ 6 HUNTERSVILLE
___ 7 MINT HILL

HEATED SQUARE FOOTAGE:

NUMBER OF BEDROOMS:

NUMBER OF OCCUPANTS:

CLOSING DATE _____

FOUNDATION FOR RESIDENCE:

___ WITHOUT BASEMENT
___ ON SLAB
___ CRAWL SPACE
___ WITH BASEMENT /PLUMBING
___ WITH BASEMENT /NO PLUMBING

IF EXPANSION/ALTERATION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED BUILDING ADDITION:

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: ___ YES ✓ NO TYPE: _____

WATER SUPPLY (CHECK ONE):

___ COMMUNITY (C)
___ SHARED WELL (S)
✓ MUNICIPAL (M)
___ OTHER 'SPRINGS' (O)
___ PRIVATE WELL (P)

IF ANY OF THE FOLLOWING ARE LOCATED ON THE PROPERTY, PLEASE SHOW LOCATION ON PLAT:

BURIED CABLES, LANDFILLS, STUMPHOLES ___ YES ✓ NO
EXISTING WASTEWATER SYSTEMS ___ YES ✓ NO
EASTMENTS OR RIGHT-OF-WAYS ✓ YES ___ NO
WELL, SPRINGS OR WATERLINES ___ YES ✓ NO
DESIGNATED WETLANDS ___ YES ✓ NO

PROPERTY OWNER:

NAME: (LAST) The Sanctuary at Lake Wylie, LLC (FIRST) (MI)

ADDRESS: 10933 Ballantyne Corporate Ave

CITY: Charlotte STATE: NC ZIP: 28277

DAYTIME PHONE: (704) 544-0201 ext 226

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: (LAST) Jacobs (FIRST) Tonya (MI) C

DAYTIME PHONE: 704 663-6905

m 704 582 9219

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____

An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

SIGNED: Tonya C Jacobs, CPSS (Agent) DATE: 3/24/04

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR., SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1
Property ID: 199-353-02
Lot #: 88
File #: 55728
Code: 1

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: THE SANCTUARY @ LAKE WYLIE
Address: 10933 BALLANTYNE CROSSING AVE
Proposed Facility: RESIDENCE Design Flow (.1949): 600 GPD
Location of Site: CLAYSPARROW RD

Applicant: TONEY JACOBS
Date Evaluated: 5/27/04
Property Size:
Property Recorded:

Water Supply: [X] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 Structure/ Texture	SOIL MORPHOLOGY .1941 Consistence Mineralogy	OTHER PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	LS, S	0-2	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48"	N/A	NONE	PS IV .3 GPD/FT
		3-42	SBK/C	FI/SEXP/S/P					
		43-48	SBK/CL	FI/SEXP/SS/SP					
2	"	0-2	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48"	N/A	NONE	"
		3-40	SBK/C	FI/SEXP/S/P					
		41-48	SBK/CL	FI/FR/SEXP/SS/SP					
3	"	0-2	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48"	N/A	NONE	"
		3-48	SBK/C	FI/SEXP/S/P					
4		0-2	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48"	N/A	NONE	"
		3-48	SBK/C	FI/SEXP/S/P					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	.3 GPD/FT²	.3 GPD/FT²

Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: DAVID CORNELIUS, RS. 5/27/04
Others Present:

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1
Property ID: 199-363-02
Lot #: 88
File #: 55728
Code: 1

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: THE SANCTUARY @ LAKE WYLIE
Address: 10133 BALLANTYNE CROSSING LANE
Proposed Facility: RESIDENCE
Design Flow (.1949): 600 GPD
Location of Site: CLAYSPARROW RD

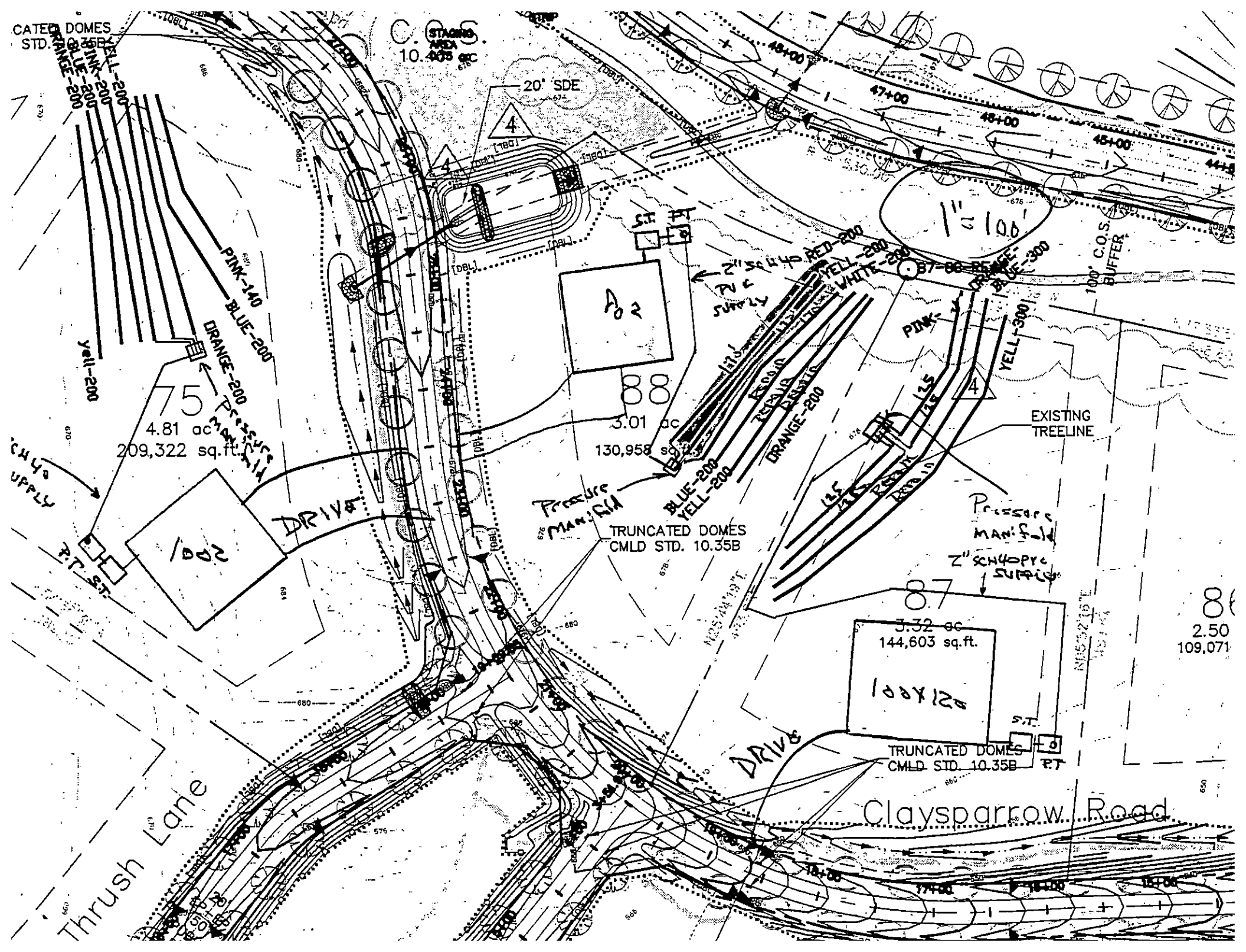
Applicant: TONEY JACOBS
Date Evaluated: 5/27/04
Property Size:
Property Recorded:

Water Supply:	[X] Public	[ ] Individual	[ ] Well	[ ] Spring	[ ] Other
Evaluation Method:	[X] Auger Boring		[ ] Pit	[ ] Cut	
Type of Wastewater:	[X] Sewage		[ ] Industrial Process	[ ] Mixed	

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941 Structure/ Texture	1941 Consistence/ Mineralogy	OTHER PROFILE FACTORS 1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
1	LS, 5	0-2	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS>	48"	N/A	NONE	PS IV .36 GPD/FT
		3-42	SBK/C	FI/SEXP/S/P					
		43-48	SBK/CL	FI/SEXP/SS/SP					
2	"	0-2	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS>	48"	N/A	NONE	"
		3-40	SBK/C	FI/SEXP/S/P					
		41-48	SBK/CL	FI/FR/SEXP/SS/SP					
3	"	0-2	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS>	48"	N/A	NONE	"
		3-48	SBK/C	FI/SEXP/S/P					
4		0-2	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS>	48"	N/A	NONE	"
		3-48	SBK/C	FI/SEXP/S/P					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	.36 GPD/FT²	.36 GPD/FT²

Other Factors (.1946):
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: DAVID CORNELIUS, RS. 5/27/04
Others Present:


CATCH DOMES STD. 10.35B
ORANGE-200
BLUE-200
PINK-200
YELL-200
STAGING AREA 10.405 ac
20' SDE
PINK-140
BLUE-200
DRANGE-200
yell-200
75
4.81 ac
209,322 sq.ft.
DRIVE
P.T. ST.
88
3.01 ac
130,958 sq.ft.
Pressure MANIFOLD
TRUNCATED DOMES CMLD STD. 10.35B
BLUE-200
YELL-200
ORANGE-200
RED-200
WHITE-200
PINK-
YELL-300
EXISTING TREELINE
100' C.O.S. BUFFER
1" = 100'
87
3.32 ac
144,603 sq.ft.
2" SCH40 PVC SUPPLY
TRUNCATED DOMES CMLD STD. 10.35B
Thrush Lane
Claysparrow Road
2.50
109,071

CONDITIONS OF IMPROVEMENT PERMIT

Permit Number: **5572B** Tax Number: **199-353-02**

- The IMPROVEMNET PERMIT is subject to revocation if site plans or the intended use change. There is to be NO grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is NOT transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

Basement: ☐ Yes ☒ No ☐ Partial Basement

Primary Wastewater System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☒ Innovative or Experimental:

0.3 Long-term acceptance rate (GPD/ft^2)	600 Max gallons/day wastewater flow	1500 Absorption Area (ft^2)	9 Trench spacing (min. on centers) (ft)
Serviced by private well: ☐ Yes ☒ No	1500 Gallon septic tank	500 Total trench length (ft)	24 Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.)
5 Bedrooms in residence	1500 Gallon pump tank	na Depth of stone (in)	

Any surface water present: no Type: Minimum separation distance (ft):

Additional conditions: **Install according to plans on file submitted by Toney Jacobs and associates. Pressure Manifold**

Repair Area System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☒ Innovative or Experimental:

1500 Absorption Area (ft^2) 500 Total trench length (ft)	na Depth of stone (in)	9 Trench spacing (min. on centers) (ft)	24 Maximum trench depth (in)

The undersigned, an authorized agent of the MECKLENBURG COUNTY HELTH DEPARTMENT, certifies that the Department has approved the Request for the Job Location contained in this document. The approval is granted in accordance with the provisions of Laws and Rules For Sewage, Treatment and Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

*** No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and/or Repair Approval is granted by this Department.

*** This Improvement Permit is transferable.

DENR Authorized Agent Date 8/2/04

Owner/Agent Signature Date

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR.
SUITE 211
700 N. TRYON ST.
CHARLOTTE, NC 28202
(704) 336-5103

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENTAL, HEALTH, AND
NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

TONEY C. JACOBS & ASSOCIATES, INC.

Consulting Soil Scientists

Licensed by the North Carolina Board for Licensing of Soil Scientists
Certified by the American Registry of Certified Professionals in Agronomy, Crops and Soils

168 Broadbill Drive
Mooresville, NC 28117
Phone (704) 663-6905
Fax (704) 662-9845 E-mail jacobs@i-america.net

July 20, 2004

To: Mr. David Cornelius, R.S.
Mecklenburg County Env. Health Dept.

From : Toney C. Jacobs
Paul G. Penninger

RE: Request for an Improvement Permit for lot 88 at The Sanctuary:
MCHD file # 5572B

Crescent Resources is requesting an Improvement Permit for lot 88 at The Sanctuary Subdivision for a 5 bedroom, crawl space home. Mr. David Cornelius of the MCHD evaluated the soils on 5-27-04 and determined the septic area is PS at an 0.3 gpd/ft^2 LTAR. Toney C. Jacobs and Associates, Inc. has flagged a 25% reduction septic system and repair on the lot, as shown on the attached sketch.

We understand a building permit cannot be issued until your office issues an Authorization to Construct (ATC). The buyer of the lot will apply for the ATC. If the buyer's house pad does not fit in the "building envelope" shown on the Improvement Permit, we understand the proposed system may have to be modified prior to your office issuing the ATC. **No grading shall take place on lot prior to obtaining the ATC from the MCHD.**

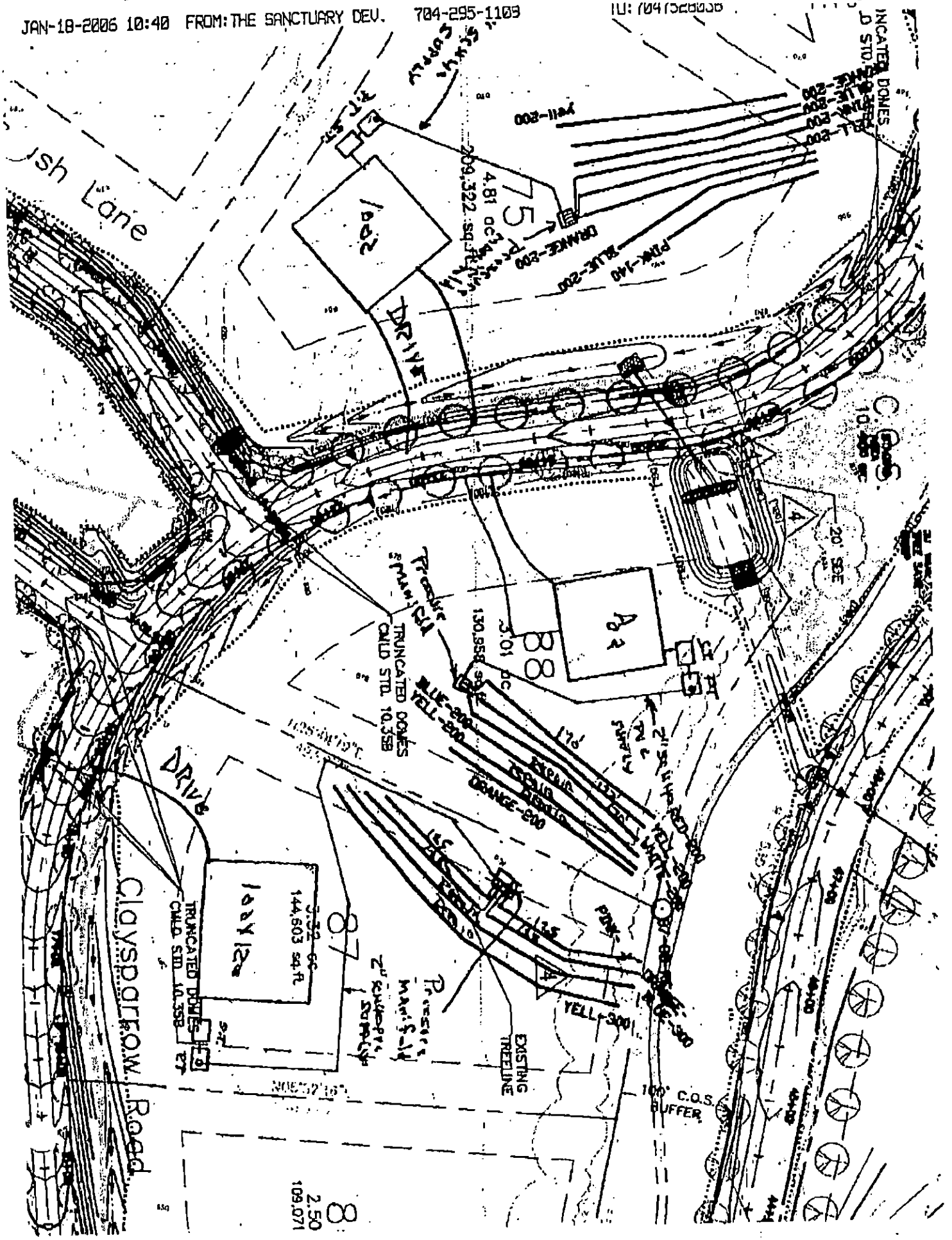
Tri-County Wastewater (TCWW) is under contract to supply maintenance services for each septic system installed at The Sanctuary. TCWW will have a list of preferred septic contractors for the subdivision and will also have requirements for the installation of the septic systems that are greater that the state requirements. It will be the responsibility of TCWW to enforce any requirements above state requirements or the conditions on the Improvement Permit or ATC.

Please review the attached system sketch and design specifications for the Improvement Permit. Please call if you have and questions, comments, or corrections.

Design Specifications for Lot 88 at

The Sanctuary, MCHD File # 5572B

System Type:	primary:	pressure manifold , 25% reduction
	repair:	pressure manifold , 25% reduction
Daily design flow:		600 gpd
Septic tank size:		1500 gal. (2 compartments)
Pumping tank size:		1500 gal.
Effluent loading rate:		0.3 gpd/ft^2 for primary and repair
Number and length of laterals:		3@ 170 ft. 25% reduction
Flow rate through the system:		16.5 gpm –use ½ in. SCH 80 taps with 2 ft. head pressure on pressure manifold (5.5 gpm per tap)
Pump requirements:		to be calculated by installer or owners agent when specific house and pump tank location are available
Dosing volume:		approx. 270 gal. – 2.2 doses/day at design flow
Depth of water pumped per dose:		calculated to specific tank by measure or dealer engineering specifications (1 cubic ft. of water equals 7.48 gal.)
Check valve:		YES
Siphon break hole:		No


Lane
DRIVE
Clayspar
Road
4.81 ac
204,322 sq.ft.
LOT 75
LOT 82
LOT 88
LOT 87
LOT 86
144,503 sq.ft.
130,858 sq.ft.
3.01 ac
2.50 ac
109,071
TRUNCATED DOMES
CMLD STD. 10.35B
INCATED DOMES
D STD. 10.35B
EXISTING TREELINE
100' C.O.S. BUFFER
20' SSE
2" CONDUIT
PROPOSED MANHOLE
PROPOSED STORM
PROPOSED WATER
PROPOSED SANITARY
PROPOSED GAS
PROPOSED ELECTRIC
PROPOSED TELEPHONE
PROPOSED CABLE
PROPOSED STREET LIGHT
PROPOSED FIRE HYDRANT
PROPOSED TREE
PROPOSED SHRUB
PROPOSED SIGN
PROPOSED MAILBOX
PROPOSED TRANSFORMER
PROPOSED GAS METER
PROPOSED ELECTRIC METER
PROPOSED TELEPHONE PEDESTAL
PROPOSED CABLE PEDESTAL
PROPOSED STREET LIGHT
PROPOSED FIRE HYDRANT
PROPOSED TREE
PROPOSED SHRUB
PROPOSED SIGN
PROPOSED MAILBOX
PROPOSED TRANSFORMER
PROPOSED GAS METER
PROPOSED ELECTRIC METER
PROPOSED TELEPHONE PEDESTAL
PROPOSED CABLE PEDESTAL

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	02/22/06	**Amount:**	150.00
Receipt #:	41597	**Tendered:**	0.00
Check / Auth #:	MC 022457	**Returned:**	0.00
Received By:	WALKEVA		

Account Information

Account #: 200000
Contractor: ANDERSON MARK
Attn: PRESTIGE CUSTOM HOMES, INC.
Address: 7837 PEMSWOOD STREET
Address:
City/State/Zip: CHARLOTTE, NC 28277

Item	Description	Permit#	Quantity	Unit Price	Total Price
0703	Installation/Final Approval 13414 CLAYSPARROW ROAD LOT 88		1	150.00	150.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	02/22/06	**Amount:**	150.00
Receipt #:	41595	**Tendered:**	0.00
Check / Auth #:	MC	**Returned:**	0.00
Received By:	WALKEVA		

Account Information

Account #: 200000
Contractor: ANDERSON MARK
Attn: PRESTIGE CUSTOM HOMES, INC.
Address: 7837 PEMSWOOD STREET
Address:
City/State/Zip: CHARLOTTE, NC 28277

Item	Description	Permit#	Quantity	Unit Price	Total Price
0734	Auth for Waste Wtr Sys Constr 13414 CLAYSPARROW ROAD LOT 88		1	150.00	150.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

TONEY C. JACOBS & ASSOCIATES, INC.

Consulting Soil Scientists

Licensed by the North Carolina Board for Licensing of Soil Scientists

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July 20, 2004

To: Mr. David Cornelius, R.S.
Mecklenburg County Env. Health Dept.

From : Toney C. Jacobs
Paul G. Penninger

RE: Request for an Improvement Permit for lot 88 at The Sanctuary:
MCHD file # 5572B

Crescent Resources is requesting an Improvement Permit for lot **88** at The Sanctuary Subdivision for a **5** bedroom, crawl space home. Mr. David Cornelius of the MCHD evaluated the soils on 5-27-04 and determined the septic area is PS at an 0.3 gpd/ft^2 LTAR. Toney C. Jacobs and Associates, Inc. has flagged a 25% reduction septic system and repair on the lot, as shown on the attached sketch.

We understand a building permit cannot be issued until your office issues an Authorization to Construct (ATC). The buyer of the lot will apply for the ATC. If the buyer's house pad does not fit in the "building envelope" shown on the Improvement Permit, we understand the proposed system may have to be modified prior to your office issuing the ATC. **No grading shall take place on lot prior to obtaining the ATC from the MCHD.**

Tri-County Wastewater (TCWW) is under contract to supply maintenance services for each septic system installed at The Sanctuary. TCWW will have a list of preferred septic contractors for the subdivision and will also have requirements for the installation of the septic systems that are greater that the state requirements. It will be the responsibility of TCWW to enforce any requirements above state requirements or the conditions on the Improvement Permit or ATC.

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The Sanctuary, MCHD File # 5572B

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Pumping tank size:		1500 gal.
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Number and length of laterals:		3@ 170 ft. 25% reduction
Flow rate through the system:		16.5 gpm –use ½ in. SCH 80 taps with 2 ft. head pressure on pressure manifold (5.5 gpm per tap)
Pump requirements:		to be calculated by installer or owners agent when specific house and pump tank location are available
Dosing volume:		approx. 270 gal. – 2.2 doses/day at design flow
Depth of water pumped per dose:		calculated to specific tank by measure or dealer engineering specifications (1 cubic ft. of water equals 7.48 gal.)
Check valve:		YES
Siphon break hole:		No

PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5103

FILE: 5572B

TC: 199-353-02

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.

*INSTALL IN ACCORDANCE W/ PLANS ON FILE

- TYPE III b INITIAL PUMP, 25% REDUCTION
- 600 GPD - 5 BR
- 1500 GAL ST
- 1500 GAL PT
- LTAR 0.3 GPD/FT^2
- PRESSURE MANIFOLD
- TYPE III b REPAIR PUMP, 25% REDUCTION

[signature], President
OWNER/AGENT SIGNATURE
DATE 10-10-06

APPROVAL DATE 10/9/06
[signature], RS, LSS

White - Health Department's Copy Canary - E.H.S. Copy Pink - Owner's Copy



Print

Close

Parcel Information

88705
File # 5572B

Parcel ID	Account	Parent	Previous
19935327	INDIVIDUAL		

Owner(s)

Owner Name	Mailing Address	City/State
YANEZ MIGUEL A	13414 CLAYSPARROW RD	CHARLOTTE NC 28278

Legal Information

Legal	Municipality	Annexed	Special District	Fire District	Acreage
L88 M42-619	MECKLENBURG COUNTY-UNINCORPORATED		FIRE SERVICE A	STEELE CREEK #2	3.01

Total Parcel Assessment & Exemptions

Building	Land	Features	Total	Exemption	Year Approved	Review Date	Amount
991900	216000	1900	1209800				

Sales Information

Sale	Price	Stamps	Qualify	V/I	DeedBook	Type	Legal Ref.	Grantor
Mar 7 2008	1275000	2550.00000	MULTIPARCEL	IMP	23477 - 173	WARRANTY D	23477-173	PRESTIGE CUSTOM HOME
Mar 7 2008	1275000	2550.00000	MULTIPARCEL	IMP	23477 - 173	WARRANTY D	23477-173	PRESTIGE CUSTOM HOME
Dec 29 2004	210000	420.00000		VAC	18182 - 604	SPEC WARRNTY	18182-604	

Land Use

Use	Units	Type	Neighborhood	Assessment
R120	3.01	AC	T916	216000

Building Information

Bldg	Description	Type	Year Built	Property Location
1	Single-Fam	RES	2006	13414 CLAYSPARROW RD UNINC

Bldg	Story	Units	Total SqFt	Heated	Foundation	Ext. Wall	Grade	Value
1	2.0 STORY	1	7365	5505	CRAWL SPACE	FACE BRICK - STUCCO HRDCT	EXCELLENT 05	991900

Bldg	Heat	Fuel	FirePlace	AC	Fixtures	Bedrooms	Full Baths	3/4 Baths	1/2 Baths
1	AIR-DUCTED	GAS	3 - FP3	AC-CENTRAL		5	5		1

Sub Areas

Bldg	Description	Size
1	GARAGE - FINISHED	982
1	BASE (FIRST FLOOR)	3040
1	UPPER STORY - FINISHED	2465
1	ATTIC - UNFINISHED	396
1	PORCH - OPEN - FINISHED	110
1	PORCH - OPEN - FINISHED	72
1	PORCH - OPEN - FINISHED	300

Depreciation

Bldg	Physical	Functional	Economic	Special	Override
1	AV - 5.00%				

Notes

Tax Year	Notes	Note Date
2011	Informal Review Request Received	04/05/2011

Special Features & Yard Items

Bldg	Built	Type	Quantity	Units	Value
1	2006	PATIO	1	16x24	1900

Value Changes

Notice Date	Tax Year	Reason	Changed To	Deferred
Feb 8 2011	2011	Countywide Revaluation	1324900	0
Apr 27 2007	2007	New Improvement	1073100	0
Jul 7 2005	2005	Division of Land and/or New Parcel	176700	0
Jul 7 2005	2005	Division of Real Estate and/or New Parce	176700	0

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

INSTALLATION APPROVAL for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 5572B Permit #: _____ Tax Parcel #: 199-353-02

Property Owner: THE SANCTUARY @ LAKE WYLIE

Job Location Address: 13414 CLAYSPARROW (LOT #88)

City: CHARLOTTE State: NC Zip Code: _____

Installation Approval Issuance Date: 9/29/06

Permission is hereby given to ☑ install ☐ alter ☐ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge, as specified herein at the described location. This approval is granted based upon the application information submitted to our office. All work shall be completed on or before 10/29/06, after which date this approval shall be null and void. The system shall meet all of the construction requirements of 15A NCAC 18A. 1900 which are in effect on the date of granting this approval. An **Operation Permit** must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now of hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

***NOTICE: This system shall not be installed while soils are in a wet condition.**

Permitted Design Flow: 600 GPD

Site LTAR: 0.3 GPD/ft² (For new installations only.)

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: 1500 gallons

Drainfield Design ☐ N/A

Trench Depth: 30 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 510 feet

# of Lines: 3 @ 170 feet

Depth of Media: 12 inches (Type) INNOVATIVE

Distribution Device: PRESSURE MANIFOLD

Bed Design *(For Repair Installations ONLY.)* ☑ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Distribution Device: _____

Water Supply Source

☑ Municipal ☐ Private Well ☐ Community Well

☐ Other _____

Minimum System Setbacks

Distance from Building Foundation: 5 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 10 feet

SKETCH OF SYSTEM LAYOUT
(Proposed Layout)

* INSTALL IN ACCORDANCE W/ PLANS ON FILE

Comments: System Classification & Type: TYPE IIIb PUMP, 25% REDUCTION; 1500gal ST 1500gal PT

DENR Authorized Agent: Chris Sherrill, RS, LSS Signature: Christopher M Sherrill

FEE: 300.00

DATE: 2/22/2006

LD

CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

MECKLENBURG COUNTY

GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 5572B

PERMIT NUMBER: 30000402

PARCEL NUMBER: 19935327

JOB LOCATION INFORMATION

ADDRESS: 13414 CLAYSPARROW RD

CITY: CHARLOTTE **STATE: NC** **ZIP:**

ISSUED TO: Prestige Custom Homes, Inc

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 2/22/2006

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30000402, AND THE ATTACHED SITE PLAN WITH SYSTEM DETAILS. CONSTRUCTION AND INSTALLATION MUST ALSO MEET ALL REQUIREMENTS SET FORTH IN THE RULES GOVERNING SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL AND ANY OTHER APPLICABLE RULES AND LAWS.

2. AN INSTALLATION APPROVAL MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A REGISTERED SEPTIC TANK CONTRACTOR WITH THE MECKLENBURG COUNTY HEALTH DEPARTMENT.

3. ANY ALTERATION IN SITE OR SOIL CONDITIONS (INCLUDING LOCATION OF STRUCTURES AND APPURTENANCES) OR MODIFICATION IN USE, DESIGN WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS AS SPECIFIED IN THE ASSOCIATED IMPROVEMENT PERMIT AND APPLICATION, MAY SUBJECT THIS CONSTRUCTION AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. THIS CONSTRUCTION AUTHORIZATION AS PROVIDED IN G.S. 130A-335(f) AND G.S. 130A-336(b) SHALL BE VALID FOR A PERIOD EQUAL TO THE VALIDITY OF THE IMPROVEMENT PERMIT, NOT TO EXCEED 60 MONTHS.
   *CONSTRUCTION AUTHORIZATION EXPIRATION DATE: 8/2/2009

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St, Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30000402** GWS File #: **5572B** Tax Parcel #: **199-353-27**

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be **NO** grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is **NOT** transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

I. This Improvement Permit Shall: Expire in Five (5) Years **Expiration Date (If Applicable):** 8/2/2009

Type of Installation: Residential - New System Lot Number: 88
Structure Type: HOUSE Size (ft^2): 0 # Bedrooms: 5 # Occupants: 5
Building Foundation: Crawl Space Water Supply: Community

II. Initial System Type: Pump to Innovative or Experimental **System Classification:** IIIb

Initial System Specifications:

Design Flow (gpd): 600 LTAR (gpd/ft^2): 0.3 Septic Tank Size (gal): 1500 Pump Tank Size (gal): 1500
Trench Width (ft): 3 Trench Spacing (ft): 9 Absorption Area (ft^2): 1500 Total Trench Length (ft): 500
Maximum Trench Depth (in): 24 Depth of Media (in): 12 Distribution Device: Pressure Manifold

III. Repair System Type: Pump to Innovative or Experimental **System Classification:** IIIb

Repair System Specifications:

Design Flow (gpd): 600 LTAR (gpd/ft^2): 0.3 Septic Tank Size (gal): 1500 Pump Tank Size (gal): 1500
Trench Width (ft): 3 Trench Spacing (ft): 9 Absorption Area (ft^2): 1500 Total Trench Length (ft): 500
Maximum Trench Depth (in): 0 Depth of Media (in): 12 Distribution Device: Pressure Manifold

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic tank system until an INSTALLATION APPROVAL is granted by the Department.
- The septic system installer shall be a registered septic tank contractor with Mecklenburg County Health Department.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: David Cornelius Owner/Legal Agent: Prestige Custom Homes, Inc.

Signature: [signature] 8/2/04 Signature: [signature], President

Print Name

Date Issued: 8/2/2004

N.C. Department of Environment and Natural Resources
Division of Environmental Health

Inspection of Engineered Subsurface Wastewater System

Mecklenburg County **Health Department**	YANEZ RESIDENCE **Name of Establishment**	5572B **Permit/Project No.**
13414 CLAYSPARROW RD **Location**	RESIDENCE **Type of Establishment**	600 **Design Flow**
MIGUEL YANEZ **Owner/Agent**	13414 CLAYSPARROW RD **Address**	**Phone**
	CHALOTTE NC 28278	
Operator	**Address**	**Phone**
IIIb **System Type**	11/11/11 **Date of Inspection**	11/11/16 **Next Inspection Due**

	Yes	No	N/A	Comments:
1. ESTABLISHMENT:				
a. Type, size, and sewage flow in accordance with permit?	☒	☐	☐	
2. COLLECTION SYSTEM:				
a. No evidence of leaks into or out from sewer lines/manholes?	☒	☐	☐	
b. Free of blockages/solids buildup in lines or manholes?	☒	☐	☐	
3. TANKAGE: (Grease Traps/Lift Stations/Septic/Dosing Tanks)				
a. Tank risers accessible and surface water diverted?	☒	☐	☐	
b. Tanks and access manholes structurally sound, watertight?	☒	☐	☐	
c. Sanitary tee(s) in good working condition?.....	☐	☐	☒	3.c. Sanitary tee not inspected.
d. Tanks pumped, cleaned out as needed?.....	☒	☐	☐	
4. RAW SEWAGE LIFT STATION (if present):				
a. Required pumps present, operating, and cycling properly	☐	☐	☒	
b. High-water alarm present and operating properly?	☐	☐	☒	
c. Floats/pipe/valves/disconnects in good condition?	☐	☐	☒	
5. EFFLUENT DOSING SYSTEM:				
a. Effluent appears clear, free of excess solids?	☐	☐	☒	
A. PUMP SYSTEMS:				
a. Required pumps present, operating, and cycling properly?	☒	☐	☐	INACCESSIBLE
b. High-water alarm present and operating properly?	☒	☐	☐	"
c. Floats/pipe/valves/disconnects in good working condition?	☒	☐	☐	"
d. Control panel enclosure/components in good condition?	☒	☐	☐	"
e. Elapsed time readings: _____ _____ _____ _____				
B. SIPHON SYSTEMS:				
a. No evidence of overflow or siphon leakage?	☐	☐	☒	
b. Siphon(s) appear to be working/alternating properly?	☐	☐	☒	
c. Bells and vents free of debris and in good condition?	☐	☐	☒	

	Yes	No	N/A	Comments:
6. GROUND ABSORPTION FIELDS:				
a. No evidence of effluent surfacing/reaching surface waters?	☒	☐	☐	
b. Minimal ponding in subsurface trenches?	☒	☐	☐	
c. Surface water being effectively diverted away?	☒	☐	☐	
d. Diversions/ditches/swales/tiles drains properly maintained?	☒	☐	☐	
e. Line cover/vegetation adequate/maintained as needed?	☒	☐	☐	
f. Protected from traffic, destructive uses?	☒	☐	☐	
g. Distribution devices in good condition, working properly?	☒	☐	☐	
h. Repair area properly reserved, maintained?	☒	☐	☐	
A. LOW PRESSURE PIPE DRAIN FIELDS:				
a. Turnups/cleanouts/valves intact and accessible?	☐	☐	☒	
b. No effluent standing in lower laterals?	☐	☐	☒	
c. Laterals free of excess solids, cleaned out as needed?	☐	☐	☒	
d. Pressure head is properly adjusted?	☐	☐	☒	

OVERALL CONDITION AND OPERATION OF SYSTEM:
GOOD

SUMMARY OF REPAIRS REQUIRED AT THIS TIME:

***REPAIR WITHIN DAYS.**

SYSTEM MAINTENANCE/IMPROVEMENTS REQUIRED:
*The MCHD recommends having the tanks (septic & dosing) pumped out every 3 to 5 years to remove excess solids.
*Please visit http://groundwater.charmeck.org for additional information.

DATE: 11/11/11

SIGNED: Philo Walker REHS AGENT
Division of Environmental Health

Printed Name: PHILO WALKER REHS
Phone #: 704-336-5570

NOC HLD on POSSE

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 5572B Permit #: _____ Tax Parcel #: 199-353-02

Property Owner: THE SANCTUARY @ LAKE WYLIE

Job Location Address: 13414 CLAYSPARROW (LOT #88)

City: CHARLOTTE State: NC Zip Code: 28278

Operation Permit Issuance Date: 10/5/06 Contractor Name: STANLEY

Permitted Design Flow: 600 GPD

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: 1500 gallons

Effluent Pump Model: GOULDS (3hp)

Drainfield Installation ☐ N/A

Trench Depth: 30 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 510 feet

# of Lines: 3 @ 170 feet

Depth of Media: 12 inches (Type) INNOVATIVE

Depth of Cover: 12 inches

Distribution Device: PRESSURE MANIFOLD

Bed Installation *(For Repair Installations ONLY.)* ☑ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Water Supply Source

☑ Municipal ☐ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: 5 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 10 feet

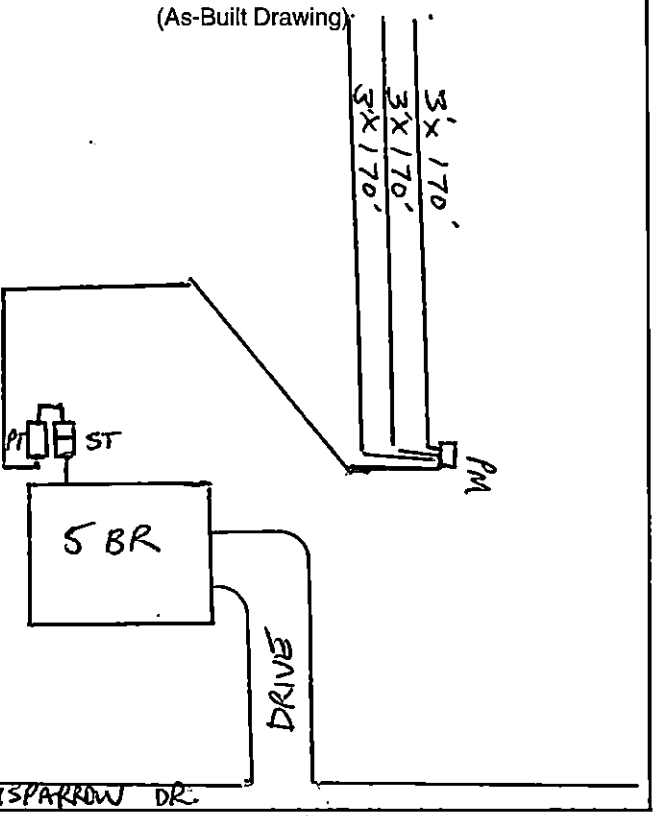
Inspection Dates

Tank(s) Inspected: 10/5/06

Excavation Inspected: 10/5/06

Pump & Controls Inspected: 10/5/06

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)



The undersigned has inspected the Septic Tank System described above, and certifies it has been ☑ installed ☐ altered ☐ repaired ☑ as detailed in the plot above ☐ in accordance with the permit issued and meets the provisions of 15A NCAC 18A. 1900, "Laws and Rules for Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. The issuance of this Operation Permit does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1900 in addition to those listed below under "Comments." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Notice: Disturbance of the designated repair area may result in the Suspension or Revocation of this permit.

Comments: System Classification & Type: TYPE IIIb PUMP, 25% REDUCTION; QUICK 4 CHAMBERS

DENR Authorized Agent: Chris Sherrill, RS, LSS Signature: Christy M Sherrill

Mecklenburg County Groundwater & Wastewater Services
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NC DENR
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IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30000402** GWS File #: **5572B**

IV. Permit Conditions/Comments:

- This type of septic system requires an inspection once every 5 years by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- This type of repair system requires periodic inspections by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- Septic system shall be installed in accordance with the plans submitted by the wastewater system design consultant.
- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic tank system until an INSTALLATION APPROVAL is granted by the Department.
- The septic system installer shall be a registered septic tank contractor with Mecklenburg County Health Department.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: David Cornelius

Signature: _____ 8/2/04

Date Issued: 8/2/2004

Owner/Legal Agent: Prestige Custom Homes, Inc.

Print Name

Signature: _____, President