

2345 DONALD ROSS RD

11709101

1/11/2008

duponbj

Groundwater and Wastewater Services File Imaging Project

May 2007

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Groundwater & Wastewater Services
Septic Project File & Data Review Worksheet

GWS File #: 71693 WASPS App #: 2374

Primary ES assigned to project: CS

Secondary ES assigned to project: _____

Project Type: New System ☑ Alteration ☐ Repair ☐ Modified Plot Plan ☐

I. File Review:

Rule or Law	Permit Application			
.1937(d)	Is the Application complete	Yes ☑	No ☐	N/A ☐
.1937(d)	Is there a Site plan/Plat with application	Yes ☑	No ☐	N/A ☐
.1937(d)	Is the Facility shown?	Yes ☑	No ☐	N/A ☐
.1937(d)	Are appurtenances shown	Yes ☑	No ☐	N/A ☐
	Site Evaluation Information			
.1939 (a)(1)	Topography and Landscape Position Recorded?	Yes ☑	No ☐	N/A ☐
.1940 (a-g)	Slope % Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Texture Class Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Structure type Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Consistence Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Mineralogy Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(3)	Soil Wetness Condition Recorded?	Yes ☐	No ☐	N/A ☑
.1939 (a)(4)	Soil Depth to Rock or Parent Material Recorded When Encountered	Yes ☐	No ☐	N/A ☑
.1939 (a)(5)	Depth to Restrictive Horizons Recorded When Encountered?	Yes ☐	No ☐	N/A ☑
.1939 (a)(6)	Sufficient Available Space Recorded?	Yes ☑	No ☐	N/A ☐
.1937(m)	Are the Profile Locations Shown?			
.1939(a)	Are the S/PS Profiles in system & in repair area?	Yes ☑	No ☐	N/A ☐
& .1945(b)	Number of auger borings made: 3			
	Were sufficient auger borings made?	Yes ☑	No ☐	N/A ☐
.1939(d), .1955, .1956, .1957	LTAR .3	Yes ☑	No ☐	N/A ☐
	Improvement Permit/Construction Authorization			
.1937(g) 130A-336(a)	Proposed System Type stated-Initial	Yes ☑	No ☐	N/A ☐
.1945(b)	Proposed System Type stated-Repair	Yes ☑	No ☐	N/A ☐
130A-336 (a)(3)	System location identifiable by setbacks - Initial	Yes ☑	No ☐	N/A ☐
.1937(g) .1945(b)	System components shown – Initial	Yes ☑	No ☐	N/A ☐
.1945(b)	Repair area shown	Yes ☑	No ☐	N/A ☐
.1937 (f)(g)	Does System design match facility, flow & WWcharacteristics?	Yes ☑	No ☐	N/A ☐
.1937 (f)(g)	Is System design consistent with soil/site conditions?	Yes ☑	No ☐	N/A ☐
.1937 (f)(g)	Is the System located in the approved area?	Yes ☑	No ☐	N/A ☐
130A-336(a)	Is the Design flow (gpd) indicated?	Yes ☑	No ☐	N/A ☐

130A-336(a)	Number of Bedrooms, employees, seats, etc. indicated?	Yes ☑	No ☐	N/A ☐
.1937(g)	Trench depth indicated?	Yes ☑	No ☐	N/A ☐
.1937(g)	Trench width indicated?	Yes ☑	No ☐	N/A ☐
.1937(g)	Trench length indicated?	Yes ☑	No ☐	N/A ☐
130A-336(a)(1)	Proposed/existing well shown?	Yes ☐	No ☐	N/A ☑
130A-336(a)(1)	Property line lengths shown?	Yes ☑	No ☐	N/A ☐
130A-336(a)	Facility/appurtenance setbacks shown from fixed points?	Yes ☑	No ☐	N/A ☐

Operation Permit

.1937(i)	System type as described in table V(a) of rule .1961	Yes ☑	No ☐	N/A ☐
.1937(i)	Conditions for system performance, operation, maintenance, monitoring and reporting.	Yes ☑	No ☐	N/A ☐

II. WASPS Review:

Construction authorization issued	Yes ☐	No ☐	N/A ☐
Installation approval issued	Yes ☐	No ☐	N/A ☐
Operation permit issued	Yes ☐	No ☐	N/A ☐
Other related documentation	Yes ☐	No ☐	N/A ☐

Items requiring correction/modification: _____

Comments:

IA issued date: 10-24-07

OP issued date: 10-29-07

Review performed by: IK Date performed: 9-26-07

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 #: 7169B Permit #: _____ Tax Parcel #: 117-091-01

Property Owner: CAROLINA GOLF CLUB, INC.

Job Location Address: 2345 DONALD ROSS RD.

City: CHARLOTTE State: NC Zip Code: 28208

Operation Permit Issuance Date: 10/29/07 Contractor Name: AUTRY

Permitted Design Flow: 450 GPD

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: N/A gallons

Effluent Pump Model: N/A

Drainfield Installation ☐ N/A

Trench Depth: 30 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 375 feet

# of Lines: 3 @ 125 feet

Depth of Media: 12 inches (Type) EZ FLOW

Depth of Cover: 12 inches

Distribution Device: D-BOX

Inspection Dates

Tank(s) Inspected: 10/29/07

Excavation Inspected: 10/29/07

Pump & Controls Inspected: N/A

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

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

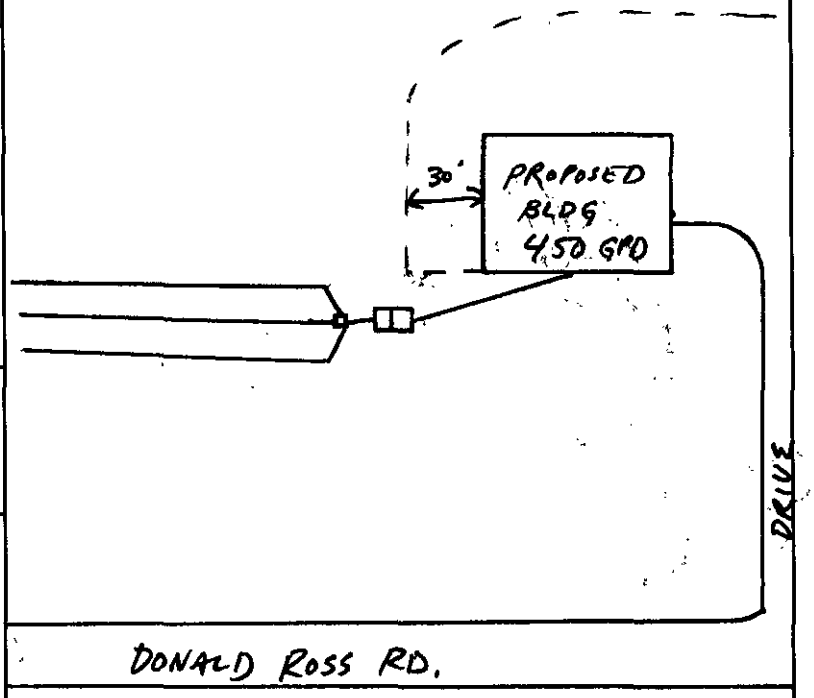
# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)



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

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: 1120 ; INSTALLED/.1961 ; WATER LINE >10' FROM SYSTEM (CAN BE INSTALLED).

DENR Authorized Agent: Chris Sherrill, RS, CSS Signature: Christopher M. Sherrill

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 #: 7169B Permit #: _____ Tax Parcel #: 117-09/-01

Property Owner: CAROLINA GOLF CLUB, INC.

Job Location Address: 2345 DONALD ROSS RD.

City: CHARLOTTE State: NC Zip Code: 28208

OPERATION PERMIT CONDITIONS:

I. Performance: System shall perform in accordance with 15A NCAC 18A .1961.

II. Monitoring: System shall be monitored as required by 15A NCAC 18A .1961.

III. Maintenance: Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank removed, periodically from all compartments, to ensure proper operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

IV. Operation: System shall be operated in accordance with 15A NCAC 18A .1961.

System Classification: IIIg

*Operation Permits for Type V and VI systems expire five (5) years from the date of issuance (in accordance with Table V(a)). The system owner must contact GWS six (6) months prior to expiration for permit renewal.

Subsurface system operator required: Yes ☐ No ☑

☐ This type of system requires the system owner to maintain a contract with a certified operator to perform system inspection, maintenance, and reporting as required in 15A NCAC 18A .1961. and Table V(a). The system owner is responsible for all fees associated with these services.

☑ System does not require inspection by GWS on a routine frequency.

☐ System requires inspection by GWS once every five (5) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every three (3) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every twelve (12) months. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every six (6) months. The system owner is responsible for all fees associated with the inspection.

V. Other:

_____

_____

_____

_____

DENR Authorized Agent: Chris Sherrill, RS, LSS Date: 10/29/07

Signature: Christopher M Sherrill

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700 N. Tryon St., Suite 211 Charlotte, NC 28202
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NC DENR
Division of Environmental Health
On-Site Wastewater Section

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

File #: 7169B Permit #: _____ Tax Parcel #: 117-091-01

Property Owner: CAROLINA GOLF CLUB INC.

Job Location Address: 2345 DONALD ROSS RD.

City: CHARLOTTE State: NC Zip Code: 28208

Installation Approval Issuance Date: 10/24/07

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 11/24/07, 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: 450 GPD

Site LTAR: .3 GPD/ft² (For new installations only.)

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: N/A gallons

Drainfield Design ☐ N/A

Trench Depth: 30 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 375 feet

# of Lines: 3 @ 125 feet

Depth of Media: 12 inches (Type) INNOVATIVE

Distribution Device: D-BOX

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 _____

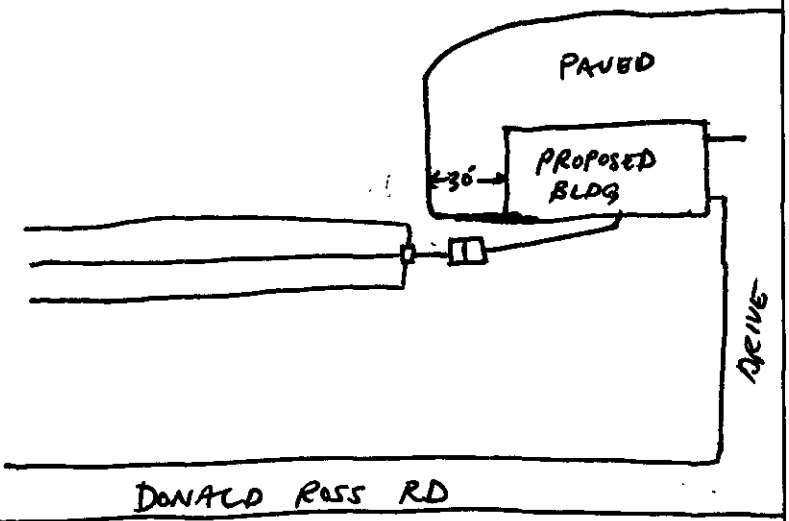
Minimum System Setbacks

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)



Comments: System Classification & Type: IIIg GRAVITY 25% REDUCTION ; INSTALL/.1961

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

FEE: 300.00
DATE: 9/28/2007

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

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 7169B

PERMIT NUMBER: 30002374

PARCEL NUMBER: 11709101

JOB LOCATION INFORMATION

ADDRESS: 2345 DONALD ROSS RD

CITY: CHARLOTTE **STATE: NC** **ZIP:** 28208

ISSUED TO: CAROLINA GOLF CLUB INC

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 9/28/2007

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30002374, 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: 9/26/2012

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 09/28/07
Receipt #: 52912
Check / Auth #: CHARGE
Received By: GLADNAG

Amount: 150.00
Tendered: 0.00
Returned: 0.00

Account Information

Account #: B42550
Contractor: CORAM CO INC J G
Attn:
Address: P O BOX 1644
Address:
City/State/Zip: MOUNT AIRY, NC 27030

Item	Description	Permit#	Quantity	Unit Price	Total Price
0734	Auth for Waste Wtr Sys Constr 2345 DONALD ROSS RD		1	150.00	150.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
765.00	0.02	2.40			

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 09/28/07
Receipt #: 52913
Check / Auth #: CHARGE
Received By: GLADNAG

Amount: 150.00
Tendered: 0.00
Returned: 0.00

Account Information

Account #: B42550
Contractor: CORAM CO INC J G
Attn:
Address: P O BOX 1644
Address:
City/State/Zip: MOUNT AIRY, NC 27030

Item	Description	Permit#	Quantity	Unit Price	Total Price
0703	Installation/Final Approval 2345 DONALD ROSS RD		1	150.00	150.00

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

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
765.00	0.02	2.40			

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 COMMERCIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30002374** GWS File #: **7169B** Tax Parcel #: **117-091-01**

- 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):** 9/26/2012

Intallation Type: Commercail/Industrial - New System Business Type: Commercial

Facility Size (ft^2): 0 # Employees/Shift: 18 # Shifts: 1

Wastewater Type: Sewage Water Supply: Municipal

II. Initial System Type: Approved **System Classification:** IIIg

Initial System Specifications:

Design Flow (gpd):	450	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1125	Total Trench Length (ft):	375
Maximum Trench Depth (in):	30	Depth of Media (in):	12	Distribution Device:	Distribution Box		

III. Repair System Type: PPBPS (pressurized) **System Classification:** IVa

Repair System Specifications:

Design Flow (gpd):	450	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	1000
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	750	Total Trench Length (ft):	250
Maximum Trench Depth (in):	30	Depth of Media (in):	24	Distribution Device:	Manifold (LPP Distri		

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 system until an INSTALLATION APPROVAL is granted by the Department.
- The septic system installer shall be a registered septic 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: Chris Sherrill Owner/Legal Agent: MATTHEW J. Yaworsk

Print Name

Signature: Signature:

Date Issued: 9/26/2007

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 COMMERCIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30002374** GWS File #: **7169B**

IV. Permit Conditions/Comments:

- This type of repair system requires the installation of a pump tank and all associated components. This type of system will require routine inspections by our office. The system owner is responsible for all fees associated with these inspections.
- 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.

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 system until an INSTALLATION APPROVAL is granted by the Department.
- The septic system installer shall be a registered septic 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: Chris Sherrill

Signature:

Date Issued: 9/26/2007

Owner/Legal Agent: Matthew J. Yavorcik
Print Name

Signature:

1" = 40'

[redacted] 450 GPD MAINTENANCE BLDG.

LTAR - .3 GPD/FT²

IIIg GRAVITY 25% REDUCTION

1500 GAL ST

INSTALL 3 LINES AT 3' x 125' 30" ON CONTOUR = 375 L.F.

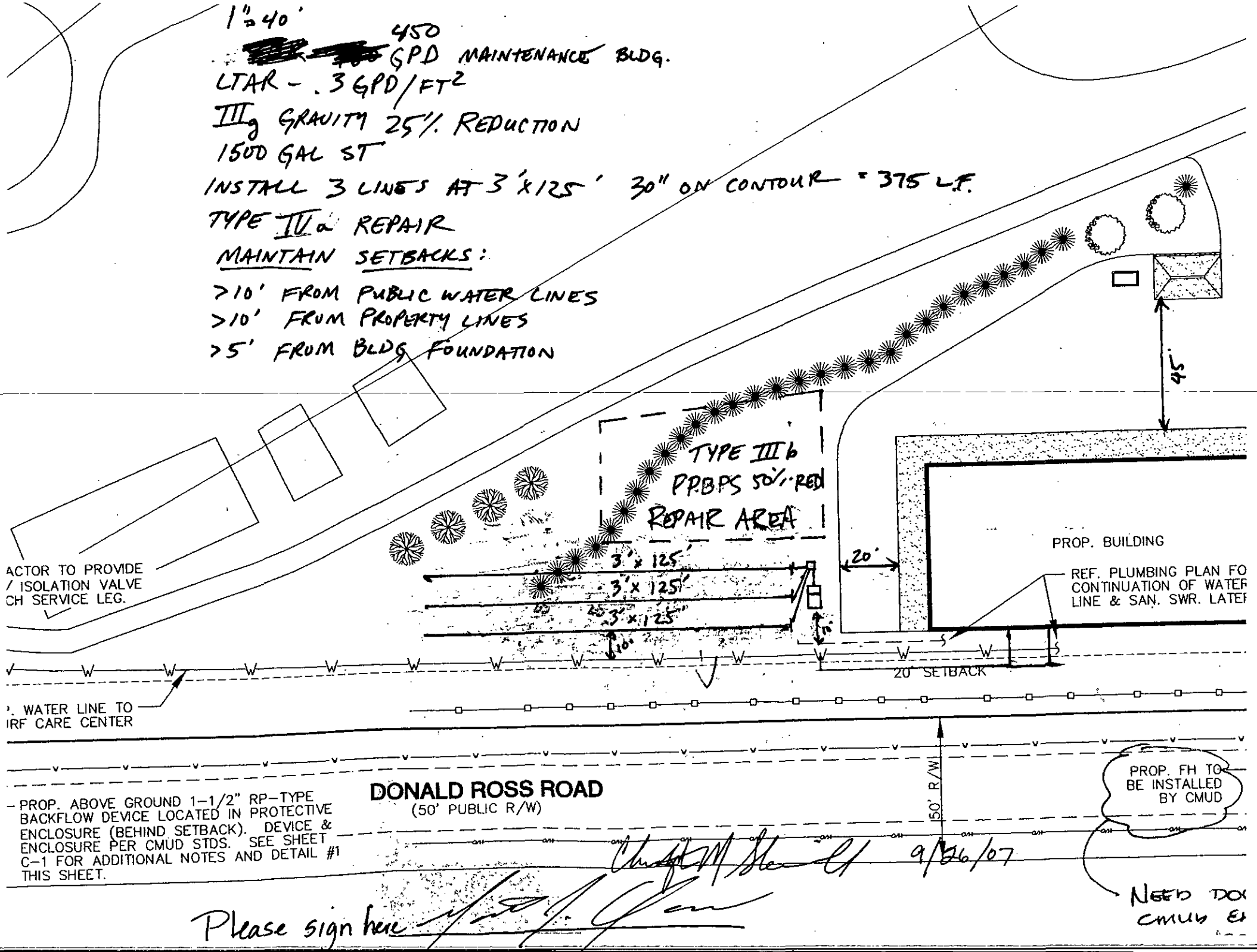
TYPE IIIa REPAIR

MAINTAIN SETBACKS:

>10' FROM PUBLIC WATER LINES

>10' FROM PROPERTY LINES

>5' FROM BLDG FOUNDATION



- PROP. ABOVE GROUND 1-1/2" RP-TYPE BACKFLOW DEVICE LOCATED IN PROTECTIVE ENCLOSURE (BEHIND SETBACK). DEVICE & ENCLOSURE PER CMUD STDS. SEE SHEET C-1 FOR ADDITIONAL NOTES AND DETAIL #1 THIS SHEET.

9/26/07

Please sign here

NEED DOC
CMUD E

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

Sheet: 1 of 2
Property ID: 117-091-01
Lot #:
File #: 7169B
AppID: 2374

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Carolina Golf Club, Inc.
Applicant:
Address: 2415 Old Steele Creek Road, Charlotte, N. C. 28208
Date Evaluated: 6/12/2007
Proposed Facility: Maintenance bldg. Design Flow (.1949): 450gpd
Property Size: .25a inv.
Location of Site: 2345 Donald Ross Road
Property Recorded:
Water Supply: [x] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [x] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	LS, 5	0-9	COMPACTED	MIXED	>48" to SOIL WETNESS	48+	N/A	NONE	PS, IV .3GPD/FT^2
		9-36	SBK/ABK/C	FI/SEXP/S/P					
		36-48	SBK/CL	FR/SEXP/SS/SP					
2	"	0-5	GR/SCL	"	>52" TO SOIL WETNESS	52	"	"	"
		5-27	SBK/ABK/C	FI/SEXP/S/P					
		27-52	SBK/CL	FR/SEXP/SS/SP					
3	"	0-6	GR/SCL	"					
		6-48	SBK/ABK/C	FI/SEXP/S/P					
					SITE LTAR .3GPD/FT^2				

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	IIIg	IV a
Site LTAR	.3 gpd/ft2	.3 gpd/ft2

Other Factors (.1946):
Soil Evaluation By: W. R. Marlin, LSS, 6/12/2007,
Others Present: Wayne Harris
Site Classification (.1948): PS
Site Evaluation By: C.Sherrill,RS, LSS
Others Present: W.Harris

COMMENTS:

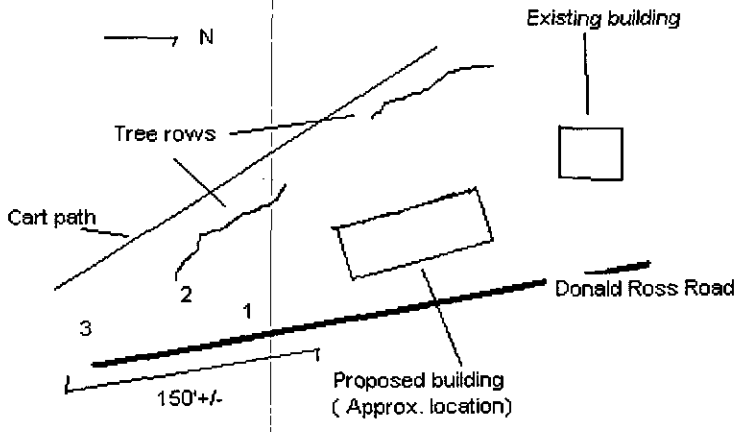
Does not appear to require 100% repair

FILE #: 7169B

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		M-Massive
LS-Linear Slope				CR-Crumb
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6	GR-Granular
NS-Nose Slope		L-Loam		SBK-Subangular Blocky
HS-Head Slope				ABK-Angular Blocky
CC-Concave Slope	III	Si-Silt	0.6 - 0.3	PL-Platy
CV-Convex Slope		SICL-Silty Clay Loam		PR-Prismatic
T-Terrace				
FP-Flood Plain		CL-Clay Loam		
		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
		C-Clay		

Consistence Moist	Consistence Wet	Mineralogy
VFR-Very Friable	NS-Non-Sticky	SEXP-Slightly Expansive
FR-Friable	SS-Slightly Sticky	EXP-Expansive
FI-Firm	S-Sticky	
VFI-Very Firm	VS-Very Sticky	
EFI-Extremely Firm	NP-Non-Plastic	
	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	

Sketch of Soil Evaluation Locations



FILE NUMBER: 71698 Revised On: January 3, 2007 APPLICATION NUMBER: 2374

SEPTIC FEE: 400.00
DATE: 6/5/07
Ck.# 51700 JKA

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

WELL FEE: _____
DATE: _____

1. SEPTIC / TYPE APPLICATION: ☐ NONE ☒ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFIED PLOT PLAN

2. WELL / TYPE APPLICATION: ☒ NONE ☐ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

3. JOB LOCATION INFORMATION:
TAX PARCEL NUMBER: 117-091-01
STREET ADDRESS: 2345 DONALD ROSS ROAD
CITY: CHARLOTTE
STATE: NC ZIP: 28208
LOT #: N/A LOT SIZE (acres): 129.3 ± AC
TOWNSHIP:
☐ 0-MECKLENBURG ☐ 3-CORNELIUS ☐ 6-HUNTERSVILLE
☒ 1-CHARLOTTE ☐ 4-PINEVILLE ☐ 7-MINT HILL
☐ 2-DAVIDSON ☐ 5-MATTHEWS

4. BUILDING INFORMATION:
DESCRIBE TYPE OF BUSINESS: GOLF COURSE MAINT. BLDG.
☒ COMMERCIAL ☐ INDUSTRIAL
SQUARE FOOTAGE OF FACILITY: 7250 sf
NUMBER OF EMPLOYEES PER SHIFT: [redacted] 18 (VARIES)
NUMBER OF SHIFTS: 1 NUMBER OF SEATS: N/A
TYPE OF WASTEWATER GENERATED:
☒ DOMESTIC SEWAGE ☒ INDUSTRIAL WASTEWATER
☐ OTHER _____

5. IF PLANNING TO EXPAND OR ALTER THE EXISTING SYSTEM, INFORMATION DOCUMENTING THE INCREASED WASTEWATER FLOW AND/OR A JUSTIFICATION FOR SYSTEM ALTERATION IS REQUIRED. N/A

6. WATER SUPPLY: ☒ MUNICIPAL ☐ PUBLIC WELL ☐ PRIVATE WELL ☐ SHARED WELL ☐ SPRING
7. PROPOSED USE OF WELL: ☒ N/A ☐ IRRIGATION ☐ POTABLE ☐ GEOTHERMAL ☐ OTHER

8. PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE *(1-MOST DESIRED 5-LEAST DESIRED):*

8A. RANK: ☒ ANY TYPE ☐ CONVENTIONAL 1 ☐ ACCEPTED 5 ☐ INNOVATIVE 5 ☐ ALTERNATIVE 5 ☐ OTHER 5 _____

9. DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.

BURIED CABLES, LANDFILLS, STUMPHOLES	☐ YES ☒ NO	GRADING/SOIL REMOVAL PERFORMED	☐ YES ☒ NO
EXISTING WASTEWATER SYSTEMS	☐ YES ☒ NO	JURISDICTIONAL WETLANDS	☐ YES ☒ NO
WELLS, SPRINGS, OR WATER LINES	☐ YES ☒ NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	☐ YES ☒ NO
EASEMENTS OR RIGHT-OF-WAYS	☐ YES ☒ NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	☒ YES ☒ NO

10. PROPERTY OWNER:
NAME: CAROLINA GOLF CLUB INC.
ADDRESS: 2415 OLD STEELE CREEK RD.
CITY: CHARLOTTE
STATE: NC ZIP: 28208
HOME PHONE: N/A WORK PHONE: 704.392.6366
MOBILE PHONE: FAX: 704.398.1769

11. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:
NAME: ROGER WOLFE, GEN. MANAGER
ADDRESS:
CITY: — SAME —
STATE: ZIP:
HOME PHONE: WORK PHONE:
MOBILE PHONE: 704.942.1369 FAX:

12. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? MARCH 1961 DB 2237 PG 106
13 WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? N/A

14. SEPTIC SYSTEM PERMIT APPLICATION SIGNATURE SECTION:
If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for either 60 months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

Walter M. Hunter for CGC 6/5/07
Property Owner's or Owner's Legal Representative Signature Date

15. WELL PERMIT APPLICATION SIGNATURE SECTION:
If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for a period of 12 months from the date of issuance.

Property Owner's or Owner's Legal Representative Signature Date

☐ SURVEY PLAT TO SCALE SUBMITTED ☒ SCALED SITE PLAN SUBMITTED ☐ UN-SCALED SITE PLAN SUBMITTED

MECKLENBURG COUNTY-GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST., SUITE 211, CHARLOTTE, NC 28202 PHONE: (704) 336-5103 FAX: (704) 336-6894

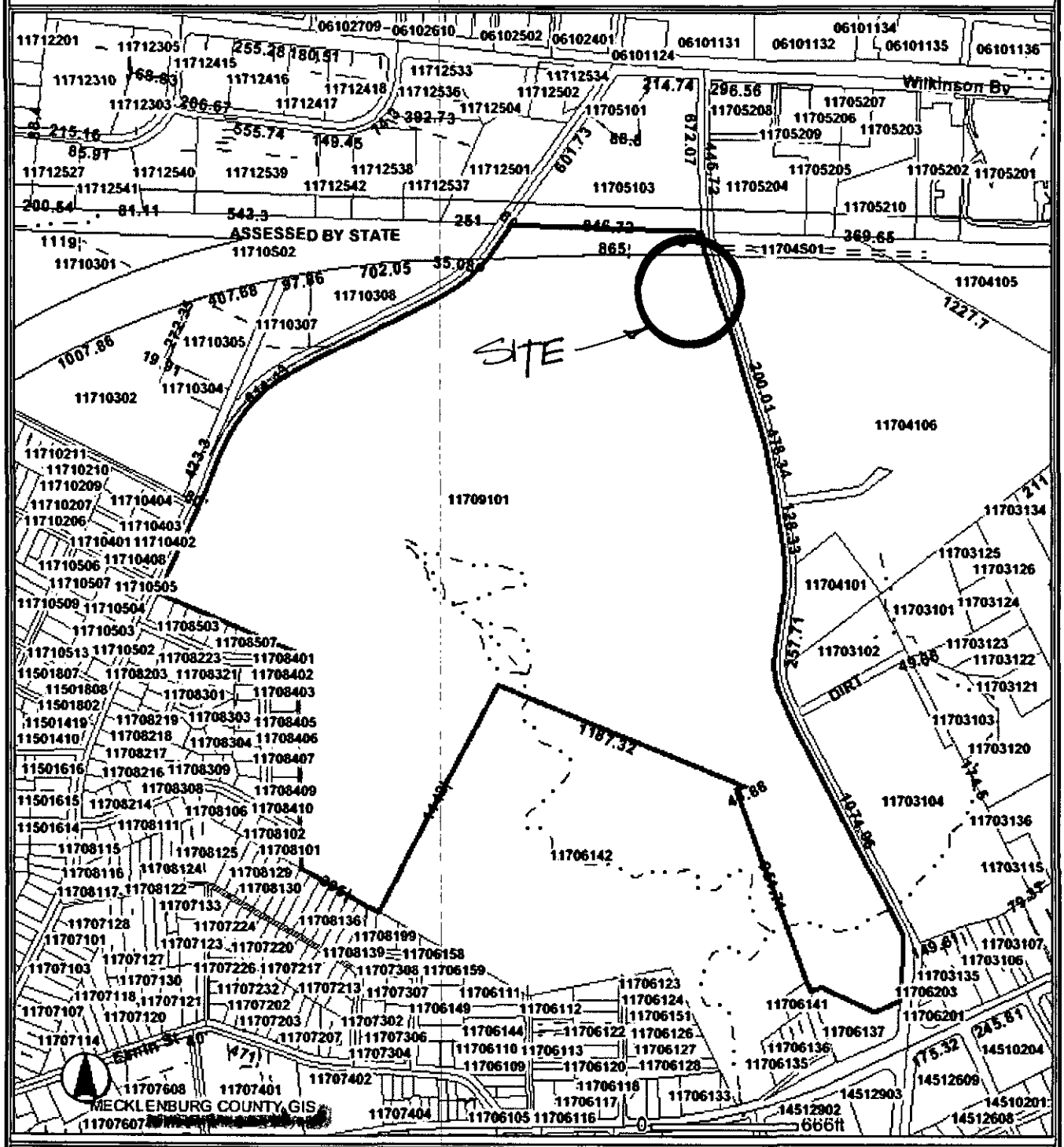
Mecklenburg County, North Carolina

POLARIS

Property Ownership Land Records Information System

Date Printed: Mon Jun 4 14:23:21 EDT 2007

CGC



This map is prepared for the inventory of real property within Mecklenburg County and is compiled from recorded deeds, plats, tax maps, surveys, planimetric maps, and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification. Mecklenburg County and its mapping contractors assume no legal responsibility for the information contained herein.

EXHIBIT 'A'

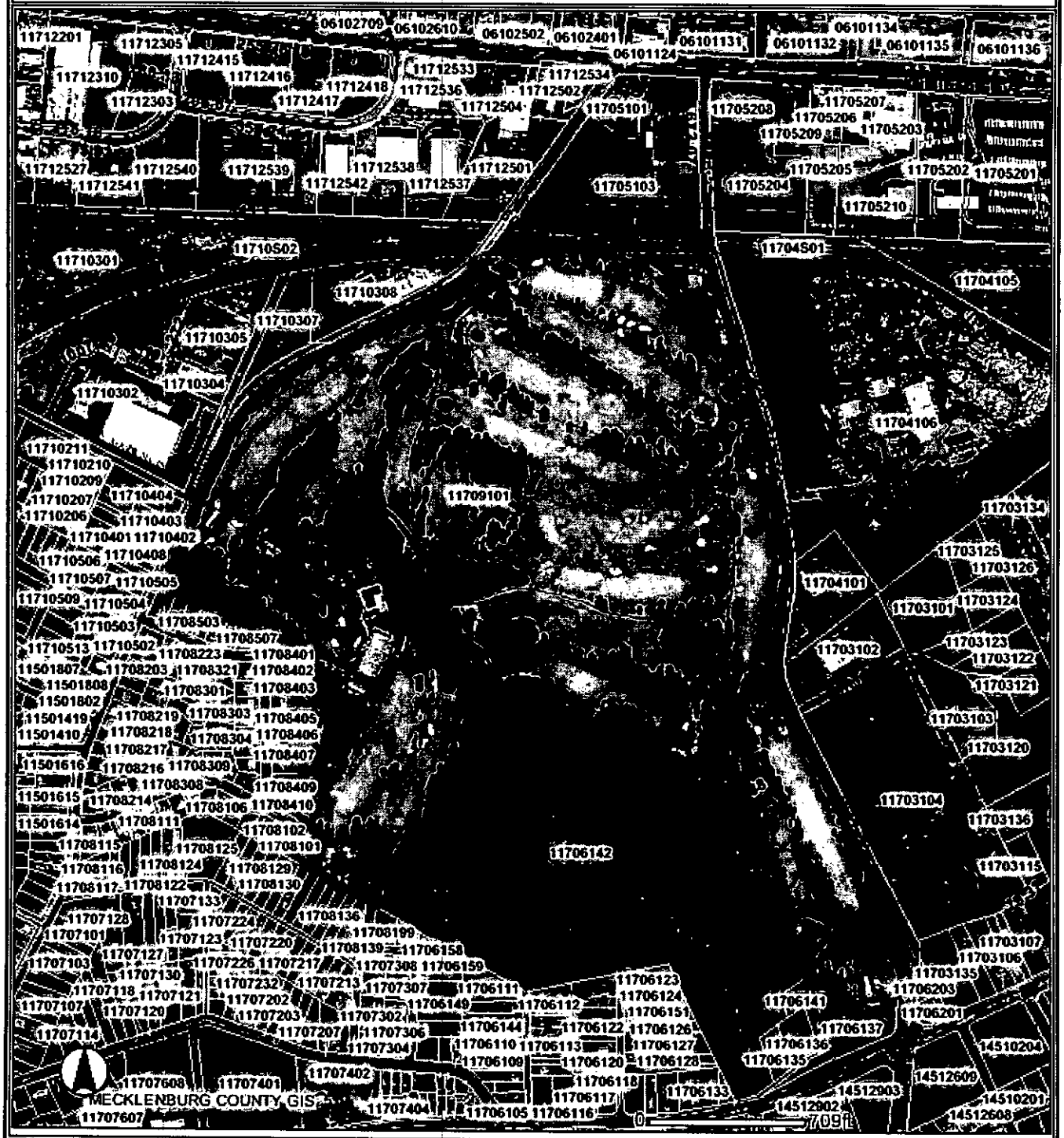
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June 4, 2007

Ms. Lisa B. Corbitt
LUESA
700 N. Tryon Street, Suite 211
Charlotte, NC 28202

HARRIS ENGINEERING
Engineering
Planning · Surveying

Re: Carolina Golf Club
Turf Care Center – On-Site Wastewater Permit Application
HE Job No. 20703

Dear Ms. Corbitt:

On behalf of our client, Carolina Golf Club, Inc., we are submitting the following items for review and approval:

- Completed "Commercial Site" Wastewater Permit Application.
- Permit Review Fee ($400.00, CGC check).
- Copy of Preliminary Site Plan (Sheet C-3) showing proposed layout & location of septic system improvements.
- Exhibit 'A' - POLARIS excerpt showing project site.
- Exhibit 'B' – floor plan of proposed structure.

The proposed project is a golf course maintenance building replacement of an existing structure that is being demolished by a pending CMUD water main extension. Per our conversation, we have indicated the wastewater flow as "industrial" because we are tying the floor drains into the proposed system As I noted, we are receptive to any suggestions your staff may have for an alternate treatment of the flow from the floor drains. Also, please note that I did find a copy of the original deed (March 1961), and have added that information to the application.

If you have any questions or require additional information I can be reached at (704) 905-8618 or via email at wharris@harris-engr.com .

Best regards,
HARRIS ENGINEERING

Wayne M. Harris, P.E.
President

Enclosures: as noted

Cc: Roger Wolfe, CGC General Manager
Tim Demmitt, CGC Board

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HARRIS ENGINEERING
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Planning · Surveying
Wayne M. Harris, P.E.
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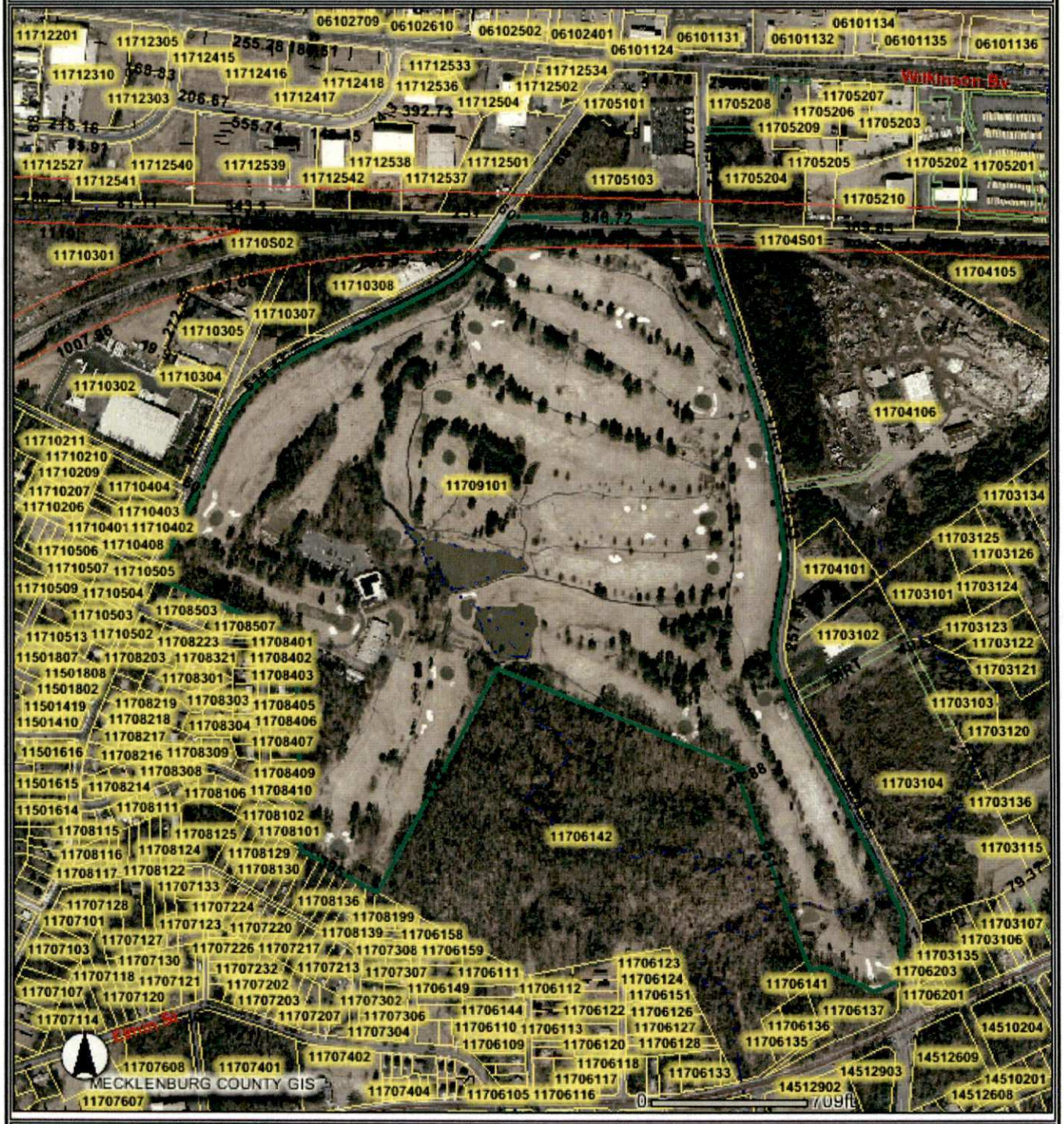
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