

9400 N LAKEBROOK RD

05322105

8/25/08

marliwr

Groundwater and Wastewater Services File Imaging Project
May 2007
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Mecklenburg County
Health Department

September 24, 1997

Gough Econ, Inc.
P.O. Box 668583
Charlotte, NC 28266

Re: 9400 Lakebrook Road
File: 20087
Parcel: 053-159-14

Dear Sirs:

Receipt of your Application for Improvement Permit for the above referenced property is acknowledged. A soil evaluation and a site visit have been conducted. The results of the evaluation indicated that the site is **UNSUITABLE** under Rules .1941 **SOIL CHARACTERISTICS (MORPHOLOGY)**, .1943 **SOIL DEPTH** and .1945 **AVAILABLE SPACE**. For these reasons your Application for Improvement Permit is denied. A possible way to develop the site exists under Rule .1948(d) which reads as follows:

> A site classified as **UNSUITABLE** may be used for a ground absorption sewage treatment and disposal system specifically identified in Rules .1955, .1956, or .1957 of this Section or a system approved under Rule .1969 if written documentation, including engineering, hydrogeologic, geologic or soil studies, indicates to the local health department that the proposed system can be expected to function satisfactorily. Such sites shall be reclassified as **PROVISIONALLY SUITABLE** if the local health department determines that the substantiating data indicate that:
> (1) a ground absorption system can be installed so that the effluent will be non-pathogenic, non-infectious, non-toxic, and non-hazardous;
> (2) the effluent will not contaminate ground or surface water; and
> (3) the effluent will not be exposed on the ground surface or be discharged to surface waters where it could come in contact with people, animals, or vectors.

The State shall review the substantiating data if requested by the local health department.

Please be advised that you have the right to an informal review by this department. You also have the right to appeal under G.S. 130A-24, and to have the appeal held in Mecklenburg County.

If you have any questions regarding this matter, please call me at 336-5575.

Sincerely,

Kelly Randall, R.S., Soil Scientist
Individual Water and Wastewater Systems

KR:gc

COPY

Mecklenburg County
Health Department

Gough-Econ Inc.
PO Box 668503
Charlotte NC 28266

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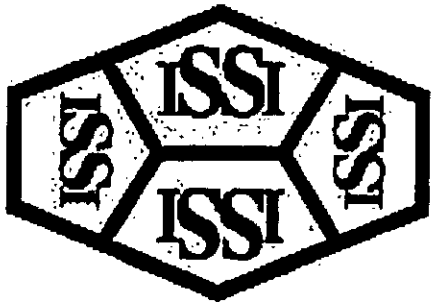
Sincerely,

Kelly Randall, R.S., Soil Scientist
Individual Water and Wastewater Systems

KR:lw

. 1941 SOIL CHARACTERISTICS (MORPHOLOGY))

. 1943 SOIL DEPTH, and . 1945 AVAILABLE SPACE



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ISSI Operations Center Staff

FEE: _____
DATE: _____

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR IMPROVEMENT PERMIT FOR COMMERCIAL/INDUSTRIAL SITE

[redacted]

TYPE APPLICATION: X NEW SYSTEM ___ EXPANSION 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 #:

PROJECT TRACKING #:

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: Book 53 - Pg. 15-159-14

STREET ADDRESS: 9400 N. Lakebrook Rd.

LOT NUMBER:

___ COMMERICAL X INDUSTRIAL

DESCRIBE TYPE OF BUSINESS:
Manufacturer of Bucket Coveyor Sys

Square footage of facility: 38,000 sq ft

NUMBER OF EMPLOYEES: 34 PER SHIFT: 34

TOWNSHIP (CHECK ONE):

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

HOW WILL WATER BE USED IN THE FACILITY:

X TOILETS/URINALS
X HANDSINK
___ SHOWERS
___ FLOOR DRAINS

OTHER, PLEASE DESCRIBE:

An IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change.

TYPE OF WASTEWATER:
X SEWAGE
___ INDUSTRIAL PROCESS WASTE WATER

IF EXPANSION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED ADDITION:
Leach Field to Serve Existing Septic System

WATER SUPPLY (CHECK ONE):
___ COMMUNITY (C) ___ MUNICIPAL (M) X PRIVATE WELL (P)
___ SHARED WELL (S) ___ OTHER 'SPRINGS' (O)

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

BURIED CABLES, LANDFILLS, STUMPHOLES ___ YES X NO
EXISTING WASTE WATER SYSTEMS X YES ___ NO
EASEMENTS OR RIGHT-OF-WAYS X YES ___ NO
WELL SPRINGS OR WATERLINES ___ YES ___ NO
DESIGNATED WETLANDS ___ YES X NO

BUILDING PLANS TO INCLUDE ALL PLUMBING, FLOOR DRAINS AND ALL SOURCES OF WASTEWATER DISCHARGE AND GRADING PLANS MAY BE REQUIRED DURING THE EVALUATION STAGE.

PROPERTY OWNER:

NAME: Gough Econ, Inc.
(LAST) (FIRST) (MI)

ADDRESS: P.O. Box 668583

CITY: Charlotte STATE: NC ZIP: 28266

DAYTIME PHONE: ( ) - (704) 399-4501

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME:
(LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) -

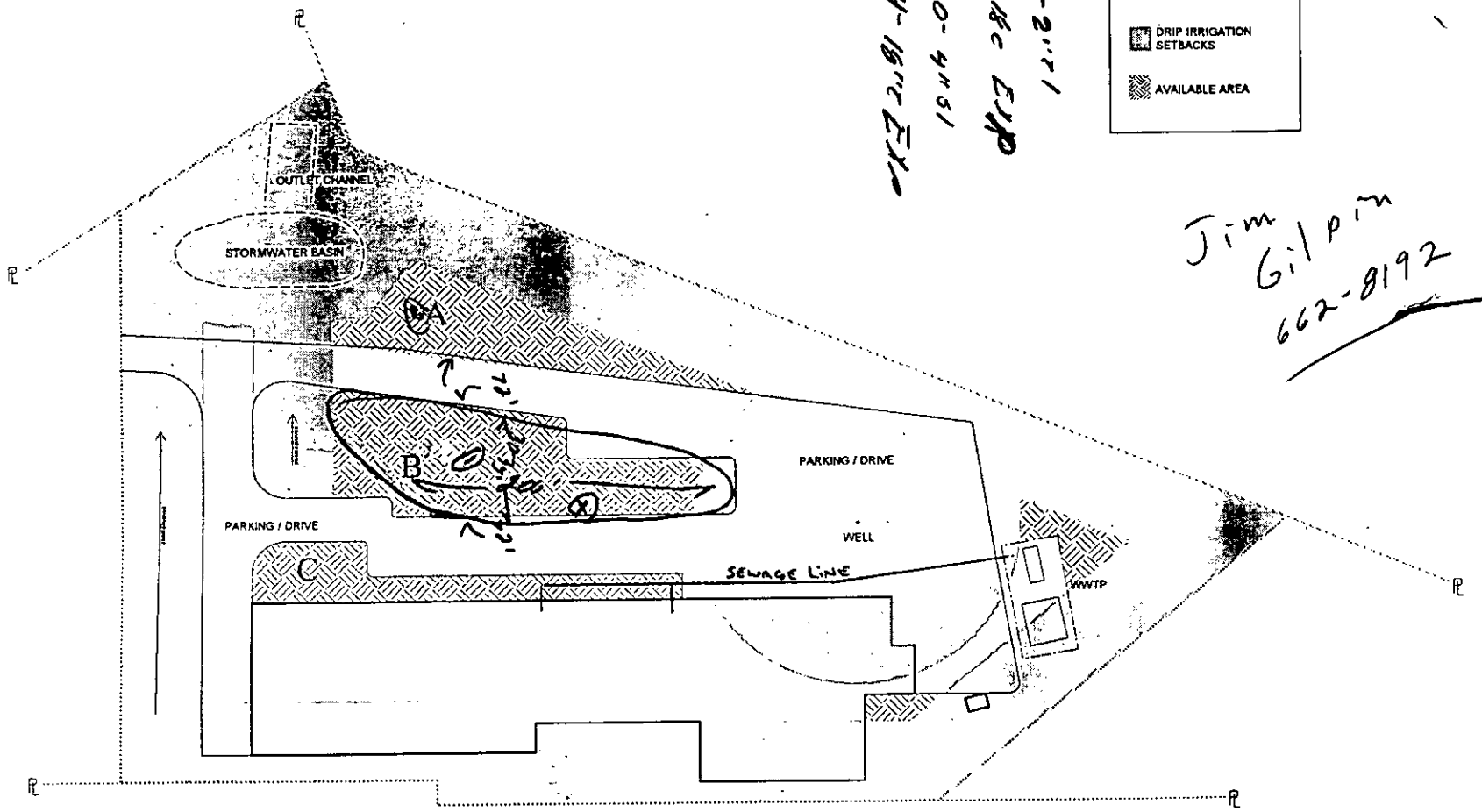
WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____

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: Daryl P. Ruley DATE: 9-9-97

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

NOTE: SETBACKS ARE FOR DRIP IRRIGATION



A: 6875 ft²
B: 11,905 ft²
C: 5050 ft²

Total Acreage: 0.547 Acers
Largest Section: B: 0.2733 Acres

PLOT PLAN
SETBACKS

GOUGH ECON, INC.

SCALE: 1"=100' | DRAWING BY: RRO

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

COUNTY: _____

SOIL/SITE EVALUATION #3 20087
for ON-SITE WASTEWATER SYSTEM 053-159-14

OWNER: Dough Econ, Inc. APPLICANT: _____
ADDRESS: Box 668503, Charlotte, NC APPLICATION DATE: _____ DATE EVALUATED: _____
PROPOSED FACILITY: Plant PROPOSED DESIGN FLOW (.1949): 850gpd PROPERTY SIZE: .47
LOCATION OF SITE: 9400 N. Tamiami Trail PROPERTY RECORDED: _____
WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	Slopes 2-8% .1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFI CLAS & LTA
1	R	0-2"	gr/cl	Fri SEXP/SS/SP	>18" TO Soil Wetness	18"	N/A	None	US
		2-18"	ABK/C	VFri/EXP/OS/UP					
2	LS	0-4"	gr/sl	Fri SEXP/SS/SP	>18" TO Soil Wetness	18"	N/A	None	US
		4-18"	ABK/C	VFri/EXP/OS/UP					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	US	US
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: William R. Merlin 9-2
OTHER(S) PRESENT: LSS

COMMENTS:

LEGEND

use the following standard abbreviations

ANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL 1955 LTAR	LPP 1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
C (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
V (Convex Slope)		LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
(Drainage Way)					EXP (Expansive)	CR (Crumb)
S (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
P (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
S (Foot Slope)						ABK (Angular Blocky)
(Head Slope)	III	SI (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
(Linear Slope)		SICL (Silty Clay Loam)				PR (Prismatic)
(Nose Slope)		CL (Clay Loam)			MOIST	WET
(Ridge)		SCL (Sandy Clay Loam)				
(Shoulder Slope)		SLC (Silt Loam Clay)			VFR (Very Friable)	NS (Non-sticky)
(Terrace)					FR (Friable)	SS (Slightly Sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FI (Firm)	S (Sticky)
		SIC (Silty Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
					EFI (Extremely Firm)	NP (Non-plastic)
		O (Organic)	None			SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

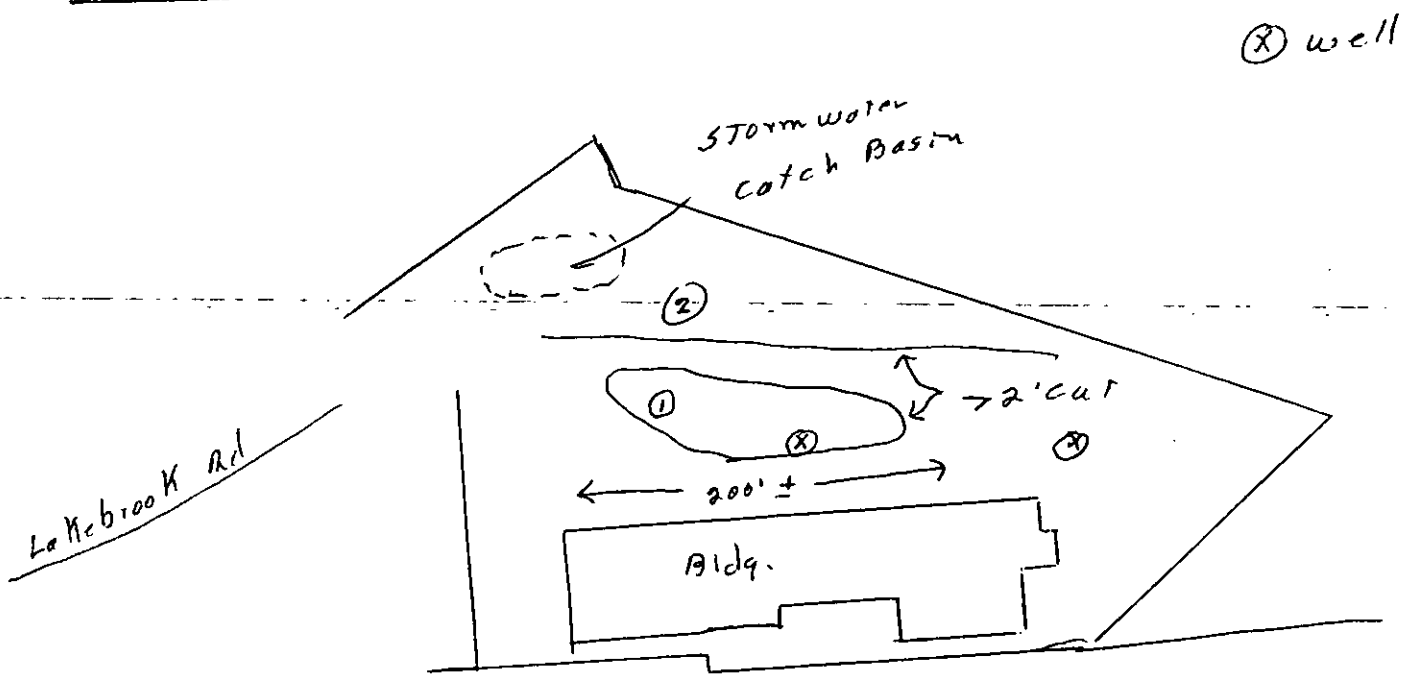
OTES

ORIZON DEPTH	In inches below natural soil surface
EPTH OF FILL	In inches from land surface
ESTRICTIVE HORIZON	Thickness and depth from land surface
PROLITE	S(suitable) or U(unsuitable)
IL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
LASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

valuation of saprolite shall be by pits.

ong-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).



1-85

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

COUNTY: 40 #3 20091

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

053-159-14

OWNER: Dough Econ, Inc. APPLICANT: _____
ADDRESS: Box 668503, Charlotte, NC APPLICATION DATE: _____ DATE EVALUATED: _____
PROPOSED FACILITY: Plant PROPOSED DESIGN FLOW (.1949): 850gpd PROPERTY SIZE: .47
LOCATION OF SITE: 9400 N. Tryon Street PROPERTY RECORDED: _____
WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
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PROFILE #	Slopes 2-8% 1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) 1941 STRUCTURE/ TEXTURE	1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS 1942 SOIL WETNESS/ COLOR	1943 SOIL DEPTH	1956 SAPRO CLASS	1944 RESTR HORIZ	PROFIL CLASS & LTAI
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DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	US	US
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: William R. Meeks 9-22-91
OTHER(S) PRESENT: LSS

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL 1955 LTAR	LPP 1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
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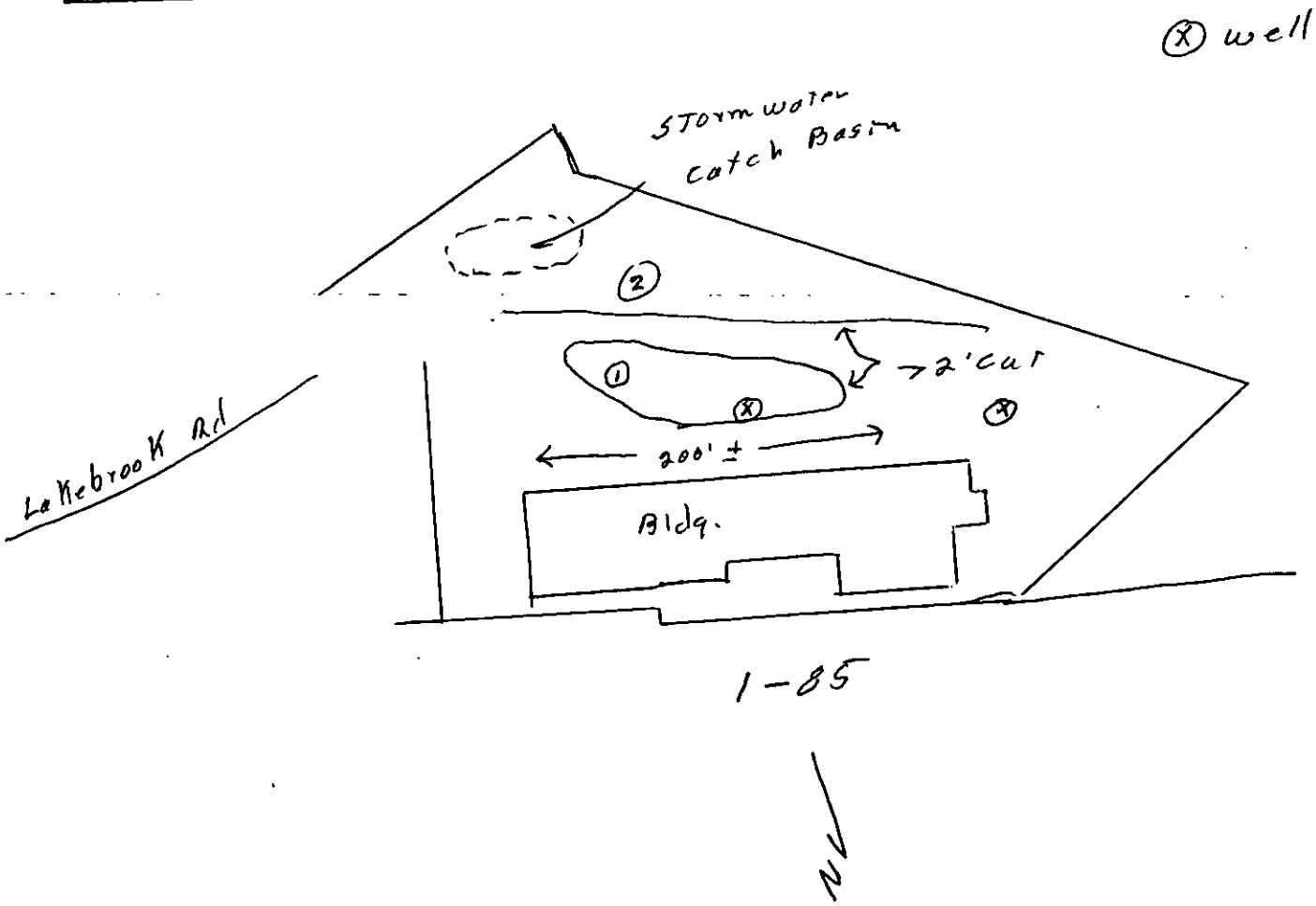
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Show profile locations and other site features (dimensions, reference or benchmark, and North).



Pd $100.00 9/12/97

09-02-97 12:05PM FROM MECK CO HLTH HAL MAR 20087 P02

FEE: $100.00 CK# 20169

DATE: 9/12/97

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR IMPROVEMENT PERMIT FOR COMMERCIAL/INDUSTRIAL SITE

[redacted]

TYPE APPLICATION: X NEW SYSTEM ___ EXPANSION 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 #:

PROJECT TRACKING #:

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: Book 53 - Pg. 15-159-14

STREET ADDRESS: 9400 N. Lakebrook Rd.

LOT NUMBER:

___ COMMERICAL X INDUSTRIAL

DESCRIBE TYPE OF BUSINESS:
Manufacturer of Bucket Coveyor Sys

Square footage of facility: 38,000 sq ft

NUMBER OF EMPLOYEES: 34 PER SHIFT: 34

TOWNSHIP (CHECK ONE):

X 0 MECKLENBURG
___ 1 CHARLOTTE
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___ 5 MATTHEWS
___ 6 HUNTERSVILLE
___ 7 MINT HILL

HOW WILL WATER BE USED IN THE FACILITY:

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X HANDSINK
___ SHOWERS
___ FLOOR DRAINS

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TYPE OF WASTEWATER:

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___ SHARED WELL (S)
___ MUNICIPAL (M)
___ OTHER 'SPRINGS' (O)
X PRIVATE WELL (P)

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EXISTING WASTE WATER SYSTEMS X YES ___ NO
EASEMENTS OR RIGHT-OF-WAYS X YES ___ NO
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BUILDING PLANS TO INCLUDE ALL PLUMBING, FLOOR DRAINS AND ALL SOURCES OF WASTEWATER DISCHARGE AND GRADING PLANS MAY BE REQUIRED DURING THE EVALUATION STAGE.

PROPERTY OWNER:

NAME: (LAST) Gough Econ, Inc. (FIRST) (MI)

ADDRESS: P.O. Box 668583

CITY: Charlotte STATE: NC ZIP: 28266

DAYTIME PHONE: ( ) (704) 399-4501

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: (LAST) (FIRST) (MI)

DAYTIME PHONE: ( )

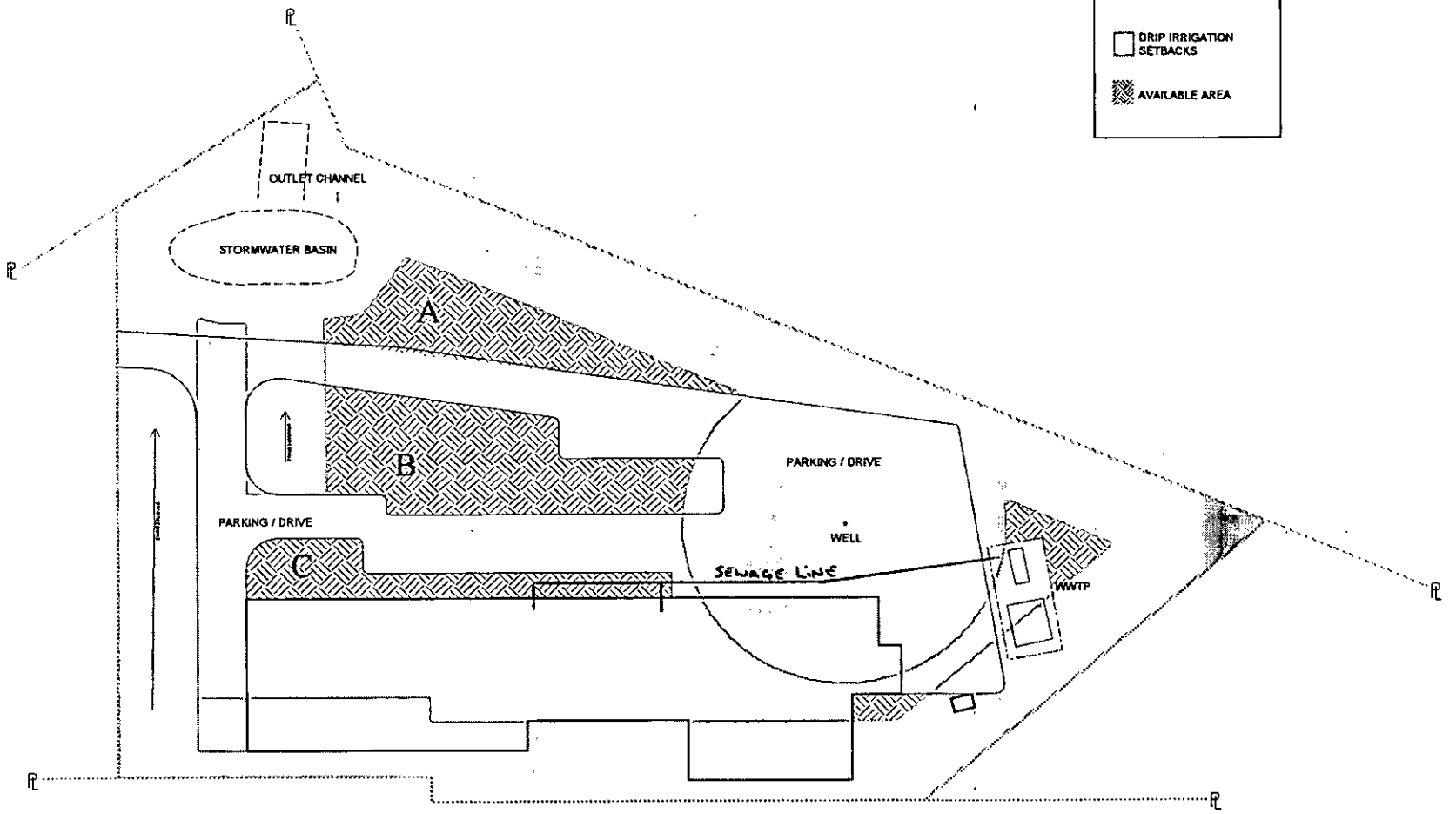
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SIGNED: David P. Ruley DATE: 9-9-97

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

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Largest Section: B: 0.2733 Acres

PLOT PLAN
SETBACKS

GOUGH ECON, INC.

SCALE: 1"=100'		DRAWING BY: RRO