

12710 LANCASTER HWY

12/21/2007

thomatc

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

Mecklenburg County
Health Department

June 13, 1996

Joe G. Clark
408 Gum Branch Road
Charlotte, NC 28214

Re: File 1361B

Dear Joe:

Enclosed you will find a copy of a letter from Joe Lynn, Regional Soil Specialist. This letter refers to the visit made on May 28, 1996 to the site at 12710 Lancaster Highway.

Please contact me if you have any questions at 336-5574.

Sincerely,

William R. Marlin

William R. Marlin
Soil Scientist

WM:gc

Environmental Health Division
700 North Tryon Street • Suite 211 • Charlotte, North Carolina 28202-2236

ref. file 1361B

Joe D. Clark
406 Dumbarton Rd
Charlotte, N.C. 28214

Dear Joe:

Enclosed you will find a copy of a letter from Joe Lynn, Regional Soil Specialist. This letter refers to the visit ~~to~~ made on ~~May 28, 1996~~ to May 28, 1996, to the site at 12710 Lancaster Highway. Please contact me if you have any questions

Sincerely,

William R. Mauldin

1361B

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Environmental Health

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
Linda C. Sewall, Director

DEHNR

June 11, 1996

William Marlin, Soil Scientist
Mecklenburg County Health Department
700 N. Tryon St.
Charlotte, N. C.

Mr. Marlin,

On May 28, 1996 you and I conducted an evaluation of the saprolite on a portion of a six acre site for Joe Clark off Hwy. 521. Mr. Clark and Bill Merlin was present during the evaluation.

Backhoe pits were used for the evaluation. The site is a linear slope, with a 4 to 8 percent slope. The soil is 8 to 10 inches deep, with a clay texture, angular blocky structure, and expansive mineralogy. The saprolite texture is mostly sandy clay loam, group III. There was some silty loam saprolite present. The moist saprolite consistency is firm to very firm and, the wet consistency is sticky and plastic or very sticky and very plastic. The clay mineralogy is expansive in some of the pits.

The texture, consistency, and clay mineralogy are Unsuitable under Rule .1956 Modified Systems. I know of no septic tank system that can be installed in this saprolite. NO SEPTIC TANK SYSTEM can be permitted on this site.

The options for Mr. Clark are; pursue a discharge permit from the Division of Environmental Management, or pursue a permit under Rule .1948 (d). I think the best option is a surface discharge permit from the Division of Environmental Management in Mooresville, N. C. (704) 663-1699. I recommend consulting someone with a demonstrated knowledge of discharge systems and checking into a surface drip disposal and treatment system.

Sincerely,

Joe Lynn

Joe Lynn
Regional Soil Specialist

On-Site Wastewater Section
P. O. Box 27687, Raleigh, North Carolina 27611-7687
Voice 919-733-2895

FAX 919-715-3227
An Equal Opportunity Affirmative Action Employer
50% recycled/10% post-consumer paper

FEE: 100.00
DATE: 4/13/96
OR # 0820

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

[redacted] [ ] CRT

TYPE APPLICATION: ___ 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 #: 13613

PROJECT TRACKING #:

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: P.O. 221-111-01

STREET ADDRESS: 12710 Lancaster Hwy

LOT NUMBER:

TOWNSHIP (CHECK ONE):

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

X COMMERICAL ___ INDUSTRIAL

DESCRIBE TYPE OF BUSINESS:

Space footage of facility.

NUMBER OF EMPLOYEES: _____ PER SHIFT: ___ ___ ___

HOW WILL WATER BE USED IN THE FACILITY:

X TOLIETS/URINALS
X HANDSINK
___ SHOWERS
___ FLOOR DRAINS

OTHER, PLEASE DESCRIBE:

TYPE OF WASTEWATER:

X SEWAGE
___ INDUSTRIAL PROCESS WASTE WATER

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

IF EXPANSION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED ADDITION:

WATER SUPPLY (CHECK ONE):
___ COMMUNITY (C)
X MUNICIPAL (M)
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 ___ NO	WELL SPRINGS OR WATERLINES	___ YES ___ NO
EXISTING WASTE WATER SYSTEMS	___ YES ___ NO	DESIGNATED WETLANDS	___ YES ___ NO
EASEMENTS OR RIGHT-OF-WAYS	___ YES ___ 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: (LAST) Clark (FIRST) Joe (MI) C

ADDRESS: 408 Gum branch Rd.

CITY: Char. STATE: NC ZIP: 28214

DAYTIME PHONE: (704) 399-5155

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: Joe Clark DATE: 4/12/96

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

FEE: _____

DATE: _____

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 #: 13613

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: PO 221-111-01 (Part of ACRD 38045)

STREET ADDRESS: 12710 LANCASTER HWY 521

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER:

TYPE OF BUILDING (CHECK ONE):

__ SINGLE MOBILE HOME(S)
__ DOUBLE WIDE (D)
X HOUSE (H) Office/Residence/Apt for Manager
__ 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: 1100 –

NUMBER OF BEDROOMS: 2 | NUMBER OF OCCUPANTS: 2

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)
X 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	WELL, SPRINGS OR WATERLINES	__ YES __ NO
EXISTING WASTEWATER SYSTEMS	__ YES __ NO	DESIGNATED WETLANDS	__ YES __ NO
EASTMENTS OR RIGHT-OF-WAYS	__ YES __ NO		

PROPERTY OWNER:

NAME: Clark Joe C
(LAST) (FIRST) (MI)

ADDRESS: 408 Gum Branch Rd

CITY: Charlotte STATE: NC ZIP: 28214

DAYTIME PHONE: 704 399-5155

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME:
(LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) –

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: Joe A Clark DATE: 4/12/96

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

TO: ENVIRONMENTAL HEALTH DEPT.
BUILDING STANDARDS DEPT.
DEPT. OF ENVIRONMENTAL PROTECTION/
SOLID AND HAZARDOUS WASTE

DATE: 4/12/96

FROM: COUNTY ENGINEERING DEPARTMENT

EHD FILE _____ JURISDICTION CODE Meck

PARCEL NUMBER 221-111-01

ASSIGNED ADDRESS 12710 Lancaster Hy

EXISTING ADDRESS _____

PROJECT NAME N/A

THE ABOVE DESCRIBED LOCATION HAS BEEN CHECKED CONCERNING:

		APPROVED	DISAPPROVED
1.	SUBDIVISION REGULATIONS		*
2.	FLOODWAY REGULATIONS		*
3.	EROSION CONTROL REGULATIONS		*
4.	PUBLIC UTILITY EASEMENT		*

		PRESENT	NOT PRESENT
5.	PUBLIC UTILITY EASEMENT	*	✓
6.	PROPERTY FRONTS ON THOROUGHFARE	✓ *	
7.	DRIVEWAY PERMIT REQUIRED	*	✓

*If checked, further investigation will be required to determine whether a building permit can be issued by Building Standards for the site.

REMARKS: Septic

NOTE: THIS FORM MUST BE TURNED IN AT THE CASHIER'S OFFICE AT BUILDING STANDARDS WHEN PAYING PERMIT FEES.

A CERTIFICATE OF OCCUPANCY WILL NOT BE GRANTED UNTIL THE TRANSPORTATION DIVISION GRANTS FINAL APPROVAL ON DRIVEWAYS.

SIGNED: Rob

OPWEAR 06-88

NEW ADDRESS ✓ *

FORM 100

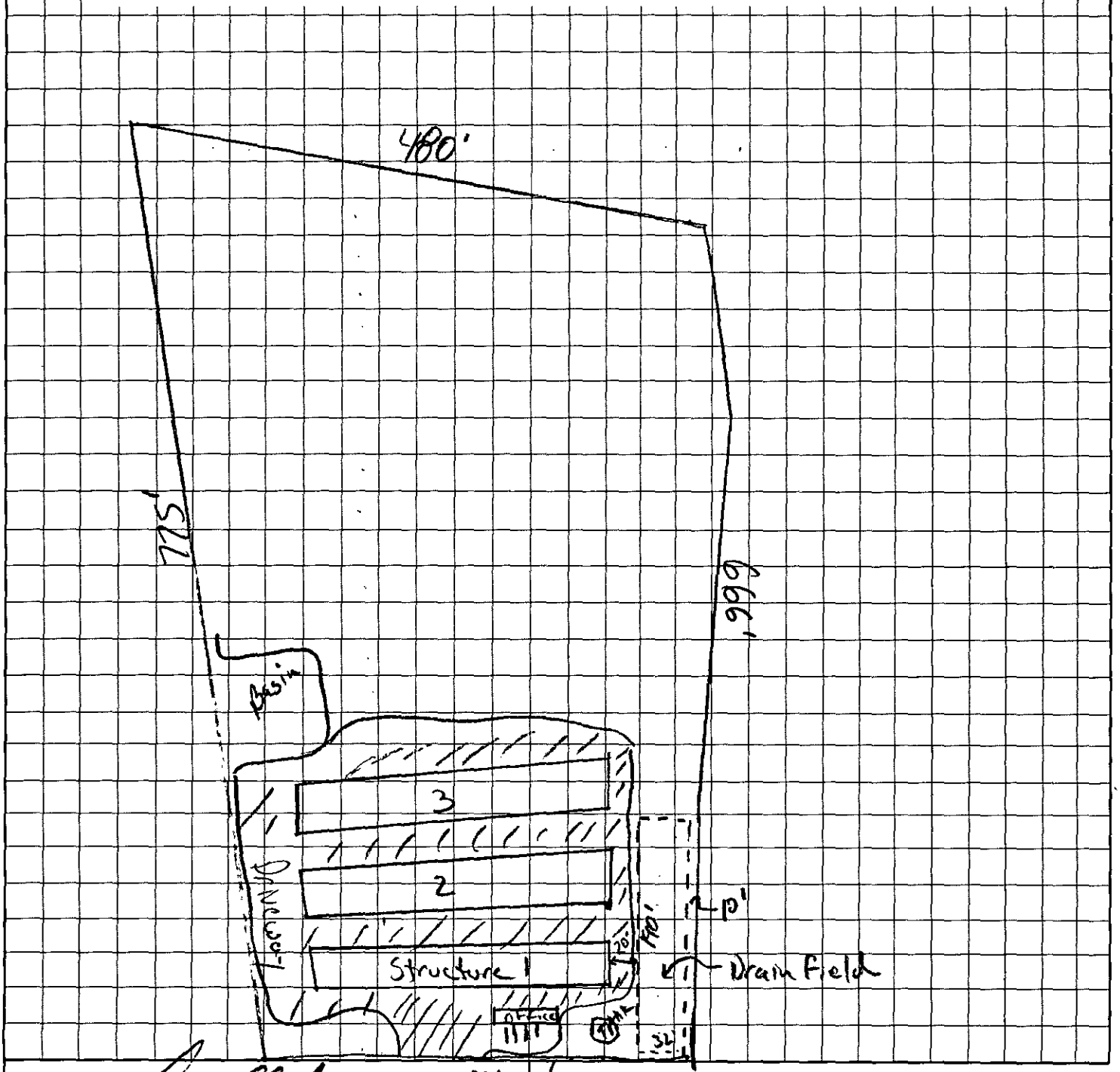
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 1361B

TC: _____

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.



OWNER/AGENT SIGNATURE Joe Abel

DATE 4/12/96

APPROVAL DATE _____

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

Mecklenburg County
Health Department

May 8, 1996

Mr. Joe G. Clark
6005 Robin Hollow Drive
Charlotte, NC 28227

Re: 12710 Lancaster Hwy
File: 1361B
Parcel: 221-111-01PO

Dear Mr. Clark:

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 (3)(B) **SOIL CHARACTERISTICS (MORPHOLOGY) EXPANSIVE CLAY MINERALOGY**, .1943(a) **SOIL DEPTH**, and .1942 **SOIL WETNESS CONDITIONS**. 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 indicated 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 groundwater or surface water, and
> (3) the effluent will not be exposed on the ground surface or be discharged to the 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 do not hesitate to call me at 336-5575.

Sincerely,

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

KR:gc

Mecklenburg County
Health Department

5-3-96

Joe G Clark
400 Gum Branch Rd
Charlotte NC 28214

Re: 12710 Lancaster Hwy
Fil: 1361 B
Parcel: P6 221-111-01

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(3)(B) Soil Characteristics (MORPHOLOGY) EXPANSIVE CLAY MINERALOGY, and .1943(a) SOIL DEPTH. 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;
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The State shall review the substantiating data if requested by the local health department.

1942 Soil Wetness Conditions

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

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

PROPERTY ID COUNT: #3 13610 PO 221-111-01

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

OWNER: Joe D. Clark APPLICANT: _____
ADDRESS: 406 Sumbranch Rd Chas. APPLICATION DATE: _____ DATE EVALUATED: _____
PROPOSED FACILITY: Storage PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: Approx 1.0 ac
LOCATION OF SITE: 12710 Lancaster Highway PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 5%	0-6"	gr/sc/	Fr/s EXP/SS/SP	2.5Y 3/2 mottles @ 6"	25"	N/A	None	US
		6-25"	sBK/C	Fi-VF/EXP/SS/SP					
2	LS 6%	0-3"	gr/sc/	Fr/s EXP/SS/SP	> 19" TO chroma 2 Mottles	19"	N/A	None	US
		3-19"	sBK/C	Fi-VF/EXP/S/P					
3	LS 5%	0-2"	gr/sc/	Fr/s EXP/SS/SP	>19" TO chroma 2 Mottles	19"	N/A	None	US
		2-19"	sBK/C	Fi-VF/EXP/SS/SP					
4	LS 6%	0-2"	gr/sc/	Fr/s EXP/SS/SP	> 11" TO chroma 2 Mottles	11"	N/A	None	US
		2-11"	sBK/C	Fi-VF/EXP/SS/SP					
5	LS 5%	0-3"	gr/sc/	Fr/s EXP/SS/SP	2.5Y 5/1 Mottles @ 8"	15"	N/A	None	US
		3-15"	sBK/C	Fi-VF/EXP/SS/SP					

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: William R. Marlin 4-25-97
OTHER(S) PRESENT: _____

LEGEND

use the following standard abbreviations

LANDSCAPE 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)				
(Ridge)		SCL (Sandy Clay Loam)			MOIST	WET
(Shoulder Slope)		SUC (Silt Loam Clay)				
(Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SIC (Silty Clay)			FI (Firm)	S (Sticky)
					VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None		EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

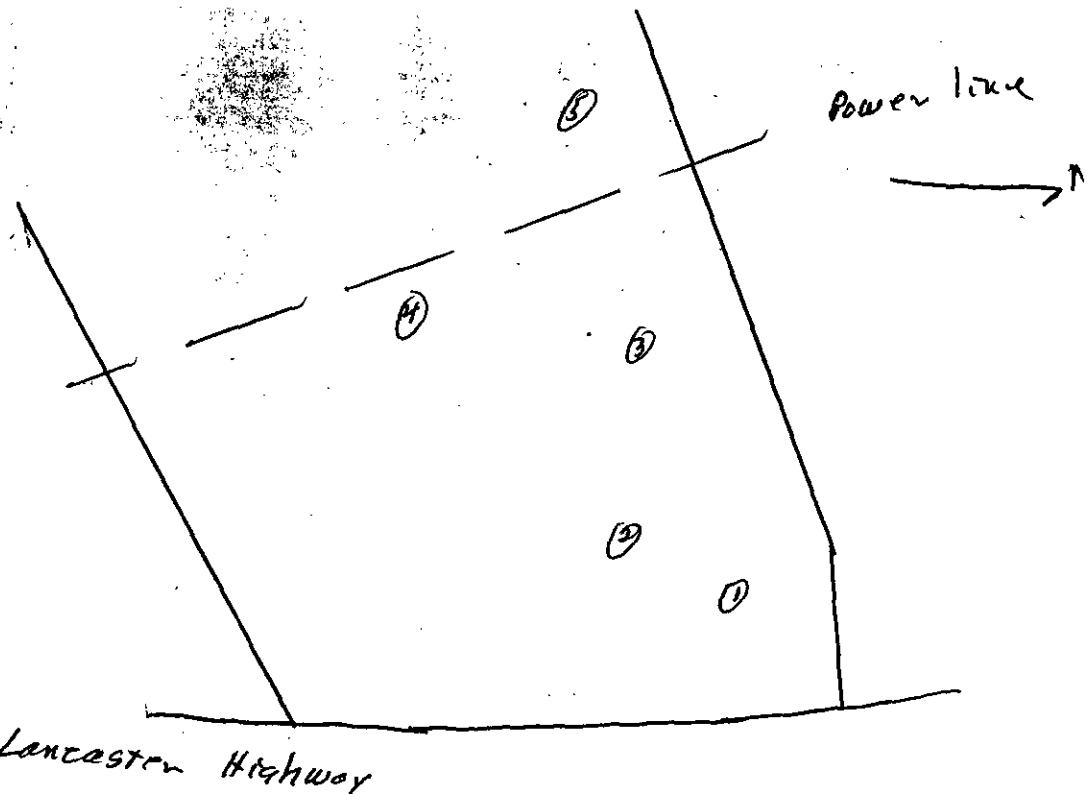
OTES

ORIZON DEPTH	In inches below natural soil surface
EPTH OF FILL	In inches from land surface
ESTRICTIVE HORIZON	Thickness and depth from land surface
IPROLITE	S(suitable) or U(unsuitable)
OIL 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).



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

Sheet ___ of ___
PROPERTY ID #: ___
COUNTY: ___

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

#3 13619 PO 221-111-01

OWNER: Joe D. Clark APPLICANT: ___
ADDRESS: 406 Hembranch Rd Chas, APPLICATION DATE: ___ DATE EVALUATED: ___
PROPOSED FACILITY: Storage PROPOSED DESIGN FLOW (.1949): ___ PROPERTY SIZE: Approx 1.0 Ac
LOCATION OF SITE: 12710 Lancaster Highway PROPERTY RECORDED: ___
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.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	PROFILE CLASS & LTAR
1	LS 5%	0-6"	gr/sc/	Fr/sEXP/ssSP	2.5Y 3/2 mottles @ 6"	25"	N/A	None	US
		6-25"	sBK/c	Fi-VF/EXP/ssSP					
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DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	US	US
System Type(s)		

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: William R. Merlin 4-25-96
OTHER(S) PRESENT: ___

FEE: 100.00
DATE: 4/13/96
CK# 0820

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

[redacted] | CRT

TYPE APPLICATION: ___ 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 #: 13618

PROJECT TRACKING #:

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: P.O. 221-111-01

STREET ADDRESS: 12710 Lancaster Hwy

LOT NUMBER:

TOWNSHIP (CHECK ONE):

4 PINEVILLE
5 MATTHEWS
6 HUNTERSVILLE
7 MINT HILL

X COMMERICAL ___ INDUSTRIAL

DESCRIBE TYPE OF BUSINESS:

Square footage of facility?

NUMBER OF EMPLOYEES: ___ PER SHIFT: ___

HOW WILL WATER BE USED IN THE FACILITY

X TOLIETS/URINALS
X HANDSINK
___ SHOWERS
___ FLOOR DRAINS

OTHER, PLE

T is subject to
lans or the
*

TYPE OF WASTEWATER:

X SEWAGE ___ INDUSTRI/ WASTE WATI

IF EXPANSION OF EXISTING SYSTEM, DESCRIBE TH

WATER SUPPLY (CHECK ONE): ___ COMMUNITY ___ SHARED WELL ___ PRIVATE WELL (P)

IF ANY OF THE FOLLOWING ARE LOCATED ON THE PR ...OW LOCATION ON PLAT:

BURIED CABLES, LANDFILLS, STUMPHOLES	___ YES ___ NO	WELL SPRINGS OR WATERLINES	___ YES ___ NO
EXISTING WASTE WATER SYSTEMS	___ YES ___ NO	DESIGNATED WETLANDS	___ YES ___ NO
EASEMENTS OR RIGHT-OF-WAYS	___ YES ___ 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:	LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:
NAME: (LAST) Clark (FIRST) Joe (MI) G	NAME: (LAST) (FIRST) (MI)
ADDRESS: 405 Gumbranch Rd.	DAYTIME PHONE: ( ) —
CITY: Char. STATE: NC ZIP: 28214	
DAYTIME PHONE: 704 399-5155	

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: Joe Clark DATE: 4/12/96

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

FEE: _____

DATE: _____

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 #: 13615

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: PO 221-111-01 (PART OF ACAD 38045)

STREET ADDRESS: 12710 LANCASTER HWY 521

TYPE OF BUILDING (CHECK ONE):

__ SINGLE MOBILE HOME(S)
__ DOUBLE WIDE (D)
X HOUSE (H) OFFICE/ Residence/Apt for MANAGER
__ MODULAR HOME (M)
__ MULTIPLE FAMILY (U)
__ OTHER (O)

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER:

HEATED SQUARE FOOTAGE: 1100 –

NUMBER OF BEDROOMS: 2 NUMBER OF OCCUPANTS: 2

TOWNSHIP (CHECK ONE):

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

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) X MUNICIPAL (M) __ 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 __ NO	WELL, SPRINGS OR WATERLINES	__ YES __ NO
EXISTING WASTEWATER SYSTEMS	__ YES __ NO	DESIGNATED WETLANDS	__ YES __ NO
EASTMENTS OR RIGHT-OF-WAYS	__ YES __ NO		

PROPERTY OWNER:

NAME: Clark Joe A
(LAST) (FIRST) (MI)

ADDRESS: 408 Gum Branch Rd

CITY: Charlotte STATE: NC ZIP: 28214

DAYTIME PHONE: 704 399-5155

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME:
(LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) –

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: Joe A Clark DATE: 4/12/96

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

1- 0- 6" ST/

6-25 EXPC.

2.54 5/2

2- 0-3" SC/

3-14" EX PC

3- 0-2" ST/

2-14" EXPT

4- 0-2" SC/

2-11" EXPT

3 0- 3" ST/

3-13" SC EXP 2.54 5/1

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

A400

Sheet ___ of ___
PROPERTY ID #: ___
COUNTY: ___

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

#3
13610
PO 221-111-01

OWNER: Joe D. Clark APPLICANT: ___
ADDRESS: 406 Hembranch Rd Chas. APPLICATION DATE: ___ DATE EVALUATED: ___
PROPOSED FACILITY: Storage PROPOSED DESIGN FLOW (.1949): ___ PROPERTY SIZE: Approx 1.0 ac
LOCATION OF SITE: 12710 Lancaster Highway PROPERTY RECORDED: ___
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON 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	PROFILE CLASS & LTAR
1	LS 5%	0-6"	gr/sc/	Fr/3 EXP/SS/SP	2.5Y 5/2 mottles @ 6"	25"	N/A	None	US
		6-25"	SBK/C	Fi-VF/EXP/US/UP					
2	LS 6%	0-3"	gr/sc/	Fr/3EXP/SS/SP	> 19" TO chroma 2 MOTTLES	19"	N/A	None	US
		3-19"	SBK/C	Fi-VF/EXP/3/P					
3	LS 5%	0-2"	gr/sc/	Fr/3EXP/SS/SP	> 19" TO chroma 2 mottles	19"	N/A	None	US
		2-19"	SBK/C	Fi-VF/EXP/US/UP					
4	LS 6%	0-2"	gr/sc/	Fr/3EXP/SS/SP	> 11" TO chroma 2 MOTTLES	11"	N/A	None	US
		2-11"	SBK/C	Fi-VF/EXP/US/UP					
5	LS 5%	0-3"	gr/sc/	Fr/3EXP/SS/SP	2.5Y 5/1 MOTTLES @ 8"	15"	N/A	None	US
		3-15"	SBK/C	Fi-VF/EXP/US/UP					

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

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: William R. Marlin 4-25-96
OTHER(S) PRESENT: ___

OMMENTS: 100% Repair - majority of [illegible] land
Agricultural

LEGEND

use the following standard abbreviations

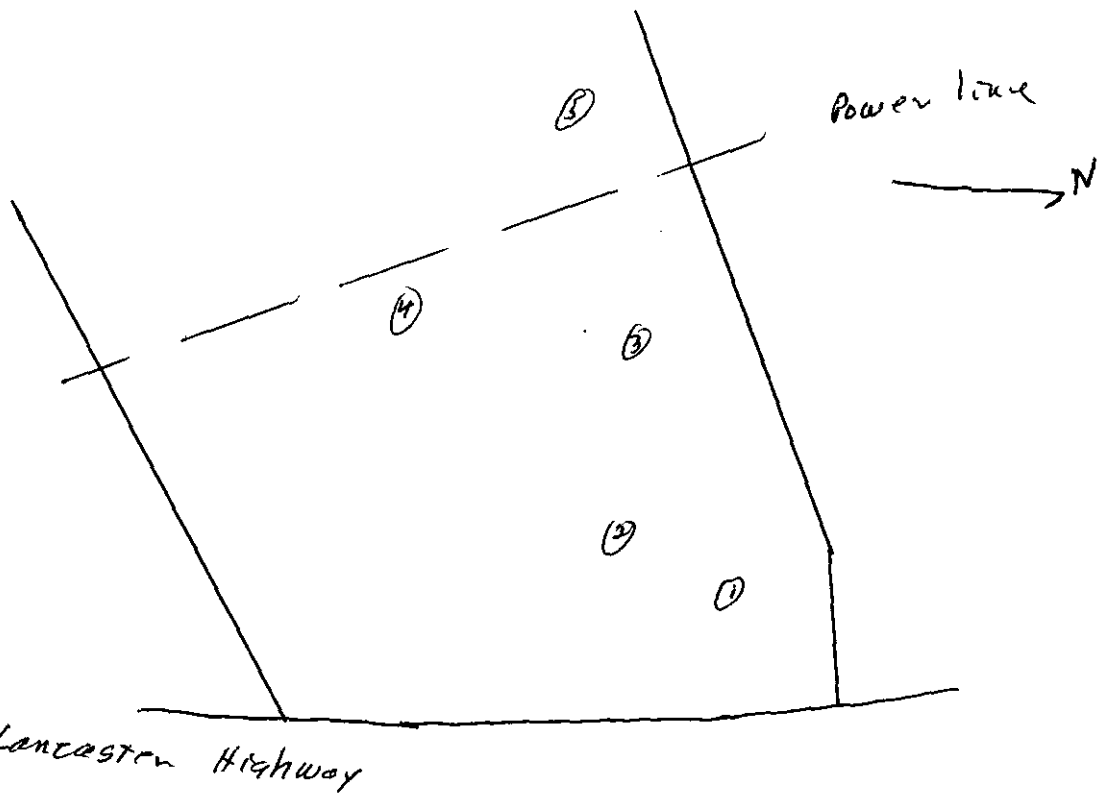
LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL 1955 LTAR	EPP 1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
C (Concave Slope) V (Convex Slope) (Drainage Way) S (Debris Slump) P (Flood Plain) S (Foot Slope) (Head Slope) (Linear Slope) (Nose Slope) (Ridge) (Shoulder Slope) (Terrace)	I	S (Sand) LS (Loamy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

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)
OIL 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).



REQUEST FOR TYPE I SEPTIC PERMIT

INCINERATING TOILET(.1958(c))

FOR

JOE G. CLARK AT

121710 LANCASTER HIGHWAY

MECKLENBURG COUNTY-NORTH CAROLINA
MCHD File 1361B

by

Toney C. Jacobs & Associates, Inc.
Consulting Soil Scientists
168 Broadbill Drive
Mooresville, N. C. 28115

June 21, 1996

SOIL SCIENCE SOCIETY OF N.C. CERTIFIED PROFESSIONAL CERT. #53 SOIL SCIENTIST TONEY C. JACOBS

To: Mr. Kelly Randall, R. S.
Mecklenburg County Health Dept.
Charlotte, N. C.

Mr. Joe G. Clark
Mr. Mitch Clark
408 Gun Branch Road
Charlotte, N. C. 28214

AMERICAN REGISTRY OF CERTIFIED PROFESSIONALS ARCPACS TONEY C. JACOBS CERTIFIED PROFESSIONAL SOIL SCIENTIST No. 2830 EXP.

Toney C. Jacobs, CPSS

Request for Type I Septic Permit Incinerating Toilet
For
Joe Clark at 12170 Lancaster Highway, Mecklenburg County, N.C.

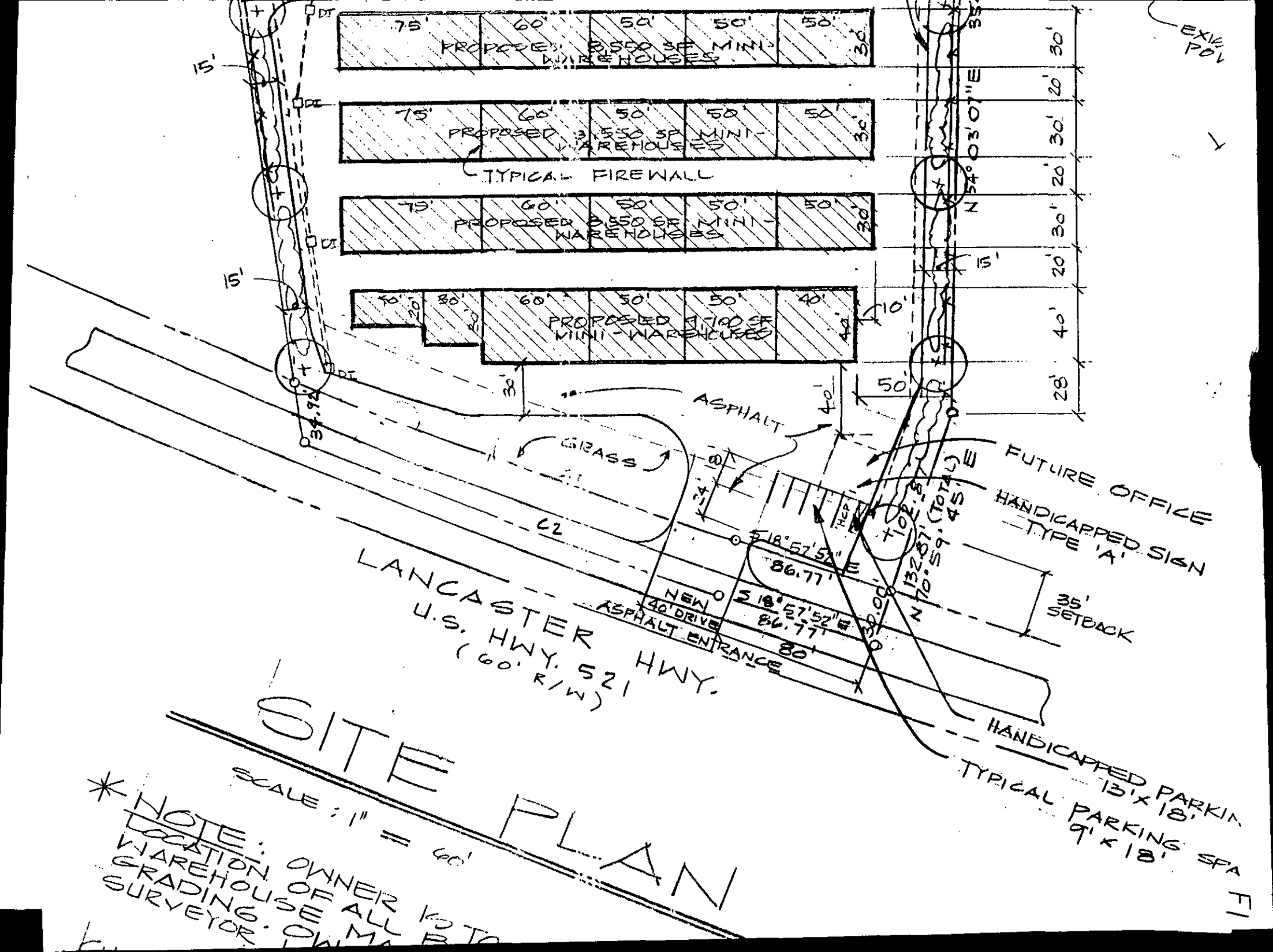
This permit will serve a mini-storage facility (office) with one employee. Plans for the first phase of building are included in Figure 1. The office will be a 30' x 30' building with a single non-public bathroom (Figure 2).

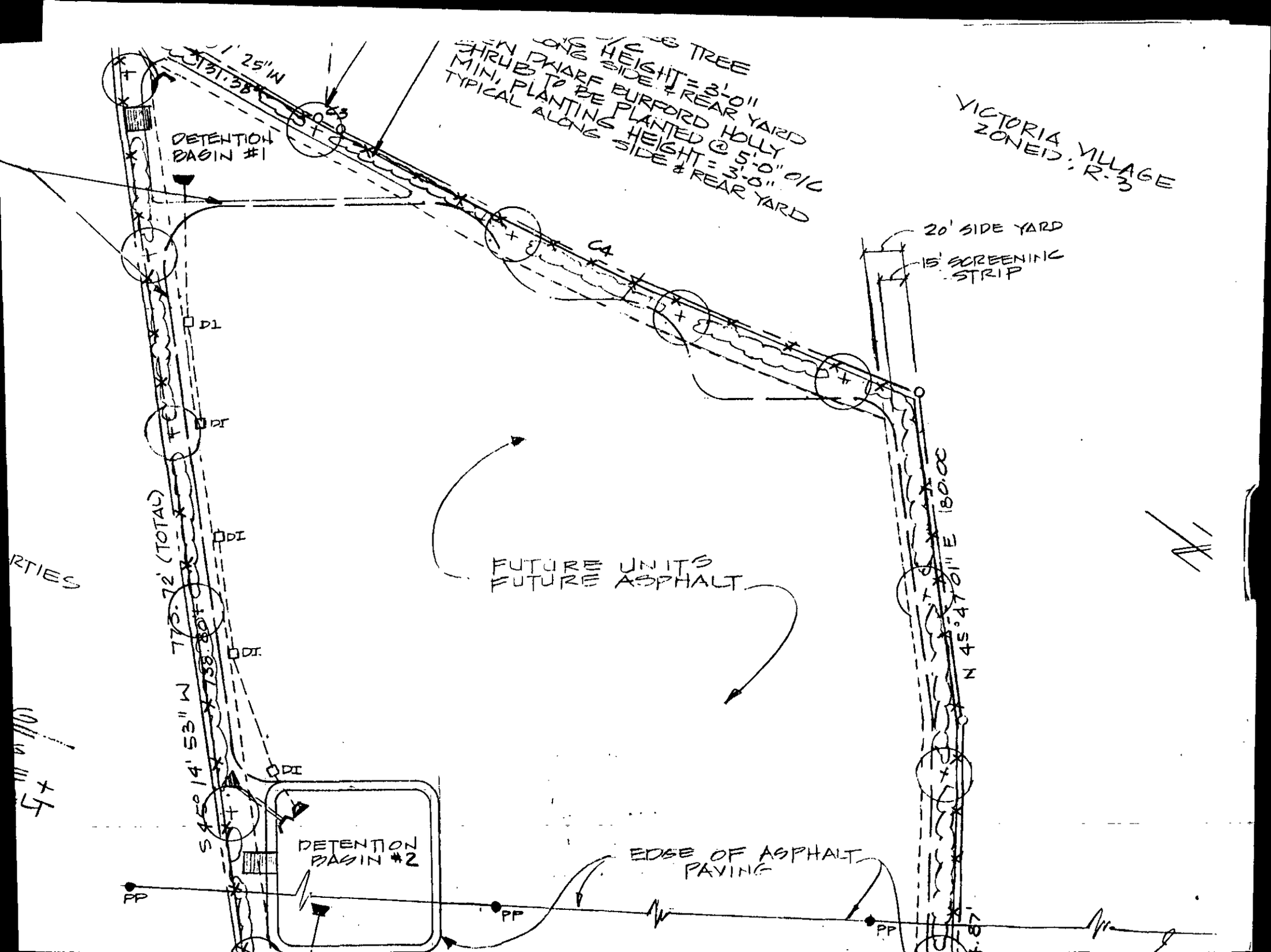
Soil on the 6.2 Ac site are unsuitable for ground absorption as evaluated by both MCHD and Joe Lynn, DEH Regional Soil Scientist (Appendix 1). Because of soil limitations, an Incinolet CF is proposed (Appendix 2). This unit is rated for 6 employees. Accompanying this incinerating toilet will be waterless clean-up, as this is not a food handling facility. Appendix 3 has technical information for such a product. There is a wide variety of this type product available. Drinking water will be from a bottled water service (Appendix 4).

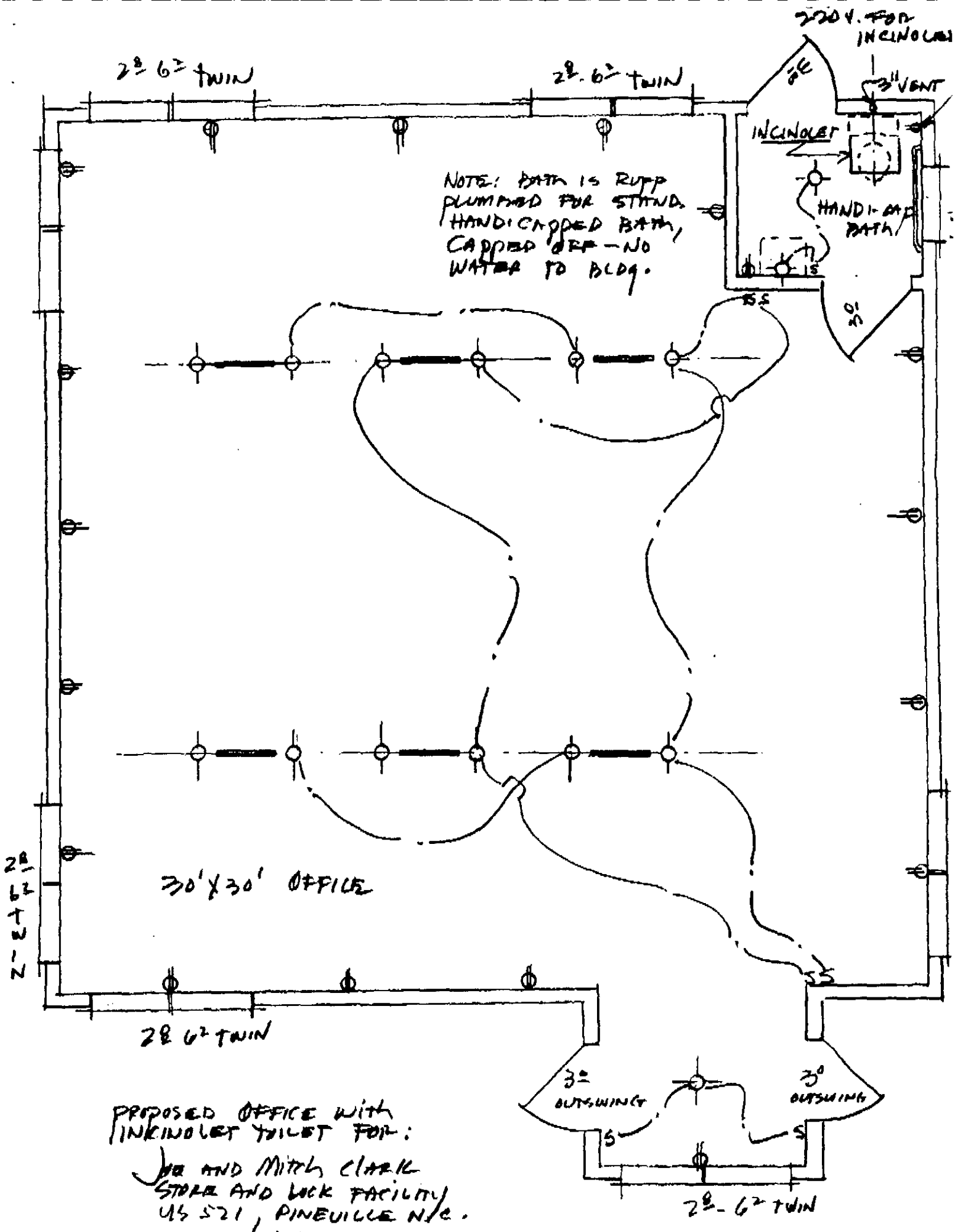
It is proposed to have outside water to clean parking lot and water landscaping, but none to the building. This will be from a lockable hydrant located outside the facility. At this time a code restroom facility will be stubbed in and capped for connection to CMUD at the first availability.

The proposed incincerator system is the same brand as displayed at the NCSU/DEH demo site in Chatham County. It follows .1958 regulations (Appendix 5) and will be installed to manufacturer's specifications. Owners would desire CMUD service by completion of building, but will connect to serve as available.

Any comment, additions, or additional requests that would make this possible to permit are welcome. I look forward to serving both client and regulator needs in this matter.


75'
60'
50'
50'
50'
PROPOSED 8,550 SF MINI-WAREHOUSES
30'
TYPICAL FIREWALL
PROPOSED 8,550 SF MINI-WAREHOUSES
PROPOSED 7,100 SF MINI-WAREHOUSES
40'
15'
10'
50'
ASPHALT
GRASS
FUTURE OFFICE
HANDICAPPED SIGN TYPE 'A'
35' SETBACK
LANCASTER HWY.
U.S. HWY. 521
(60' R/W)
NEW 40' DRIVE ASPHALT ENTRANCE
HANDICAPPED PARKING 13'x18'
TYPICAL PARKING SPACE 9'x18'
S 18°57'52" E
86.77'
80'
N 70°59'45" E (TOTAL)
132.87'
102.3'
54°03'07" E
EXIST. POL
SITE PLAN
SCALE: 1" = 60'
* NOTE: OWNER TO ALL LOCATION OF WAREHOUSE GRADING. CONTACT SURVEYOR


TREE
ONE HEIGHT = 3'-0"
SIDE & REAR YARD
SHRUB TO BE PLANTED @ 5'-0" O/C
MIN. PLANTING HEIGHT = 3'-0"
TYPICAL ALONG SIDE & REAR YARD
VICTORIA VILLAGE
ZONED: R-3
DETENTION BASIN #1
20' SIDE YARD
15' SCREENING STRIP
FUTURE UNITS
FUTURE ASPHALT
DETENTION BASIN #2
EDGE OF ASPHALT PAVING
S 45° 14' 53" W 773.72' (TOTAL)
N 45° 47' 01" E 180.00'
PP



PROPOSED OFFICE WITH INCINOLET TOILET FOR:

JOE AND MITCH CLARK
STORAGE AND LOCK FACILITY
US 521, PINEVILLE N.C.

SCALE ---- 1/4" = 1'-0"

F2

1361B
A1

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Environmental Health

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
Linda C. Sewall, Director

DEHNR

June 11, 1996

William Marlin, Soil Scientist
Mecklenburg County Health Department
700 N. Tryon St.
Charlotte, N. C.

Mr. Marlin,

On May 28, 1996 you and I conducted an evaluation of the saprolite on a portion of a six acre site for Joe Clark off Hwy. 521. Mr. Clark and Bill Merlin was present during the evaluation.

Backhoe pits were used for the evaluation. The site is a linear slope, with a 4 to 8 percent slope. The soil is 8 to 10 inches deep, with a clay texture, angular blocky structure, and expansive mineralogy. The saprolite texture is mostly sandy clay loam, group III. There was some silty loam saprolite present. The moist saprolite consistency is firm to very firm and, the wet consistency is sticky and plastic or very sticky and very plastic. The clay mineralogy is expansive in some of the pits.

The texture, consistency, and clay mineralogy are Unsuitable under Rule .1956 Modified Systems. I know of no septic tank system that can be installed in this saprolite. NO SEPTIC TANK SYSTEM can be permitted on this site.

The options for Mr. Clark are; pursue a discharge permit from the Division of Environmental Management, or pursue a permit under Rule .1948 (d). I think the best option is a surface discharge permit from the Division of Environmental Management in Mooresville, N. C. (704) 663-1699. I recommend consulting someone with a demonstrated knowledge of discharge systems and checking into a surface drip disposal and treatment system.

Sincerely,

Joe Lynn

Joe Lynn
Regional Soil Specialist

On-Site Wastewater Section
P. O. Box 27687, Raleigh, North Carolina 27611-7687
Voice 919-733-2895

FAX 919-715-3227
An Equal Opportunity Affirmative Action Employer
50% recycled/10% post-consumer paper

Mecklenburg County
Health Department

June 13, 1996

Joe G. Clark
408 Gum Branch Road
Charlotte, NC 28214

Re: File 1361B

Dear Joe:

Enclosed you will find a copy of a letter from Joe Lynn, Regional Soil Specialist. This letter refers to the visit made on May 28, 1996 to the site at 12710 Lancaster Highway.

Please contact me if you have any questions at 336-5574.

Sincerely,

William R. Marlin

William R. Marlin
Soil Scientist

WM:gc

Environmental Health Division
700 North Tryon Street • Suite 211 • Charlotte, North Carolina 28202-2236

INCINOLET

That Electric Toilet



A Word About Us...

OUR COMPANY

RESEARCH PRODUCTS/Blankenship has manufactured the INCINOLET product for 30 years. INCINOLET is used extensively in Japan, Norway, and other countries. Our main offices are in Dallas, Texas, and Toronto, Ontario. Member of the Better Business Bureau of Dallas.

OUR PRODUCT

INCINOLET is built of heavy-duty stainless steel, and uses specially sealed and treated electric heaters and the finest control system in the world. Its rugged design is the result of 30 years experience. We build quality into every INCINOLET to give you years of dependable service.

OUR SERVICE

SERVICE after the sale: You will find us willing, eager, in fact, to assist you as our very important customer.

SAFETY PRECAUTIONS

We equip INCINOLET with temperature controllers, thermostats, and time limiters, all of highest quality, to assure you years of safe operation. INCINOLET is an appliance and, as with any other appliance, either electric or heating, it must be used carefully in accordance with manufacturer's recommendations. Children, when using the INCINOLET toilet, must be supervised by a responsible adult.

SATISFACTION GUARANTEED
MONEY BACK GUARANTEE
RETURN PRIVILEGE

You may return the INCINOLET for full refund less freight charges within 30 days of its receipt, provided it is returned undamaged and in the original carton. Later returns, if accepted in writing by the company, are subject to a substantial restocking charge.

PARTS DEPARTMENT

A full inventory of all parts is ready for immediate shipment, same day if you call by noon central time.

PATENTS POLICY

We pursue an active patent program, both domestic and foreign.

WARRANTY

INCINOLET Models CF, and RV carry a full one year warranty. Models TR and WB are covered for an additional year on some components. See actual warranty for details. A copy of the warranty will be furnished free of charge upon request.

Listed by:

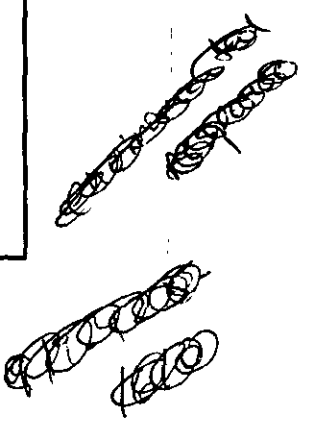
UL	MH7761
CSA	LR22785
USCG	159.015/2701/0

OPTIONAL LID COLORS



BROWN BLUE SAND YELLOW

WHITE IS THE STANDARD COLOR.



A Most Timely Product...

INCINOLET
THAT ELECTRIC TOILET

RESEARCH PRODUCTS/Blankenship, U.S.A.

2639 Andjon • Dallas, Texas 75220 • (214) 358-4238 • FAX (214) 350-7919

CANADA: RESEARCH PRODUCTS/Blankenship of Canada, Ltd. • Mississauga, Ontario L4V 1H2

JAPAN: DIRAC, Inc. • Sakae-Ku, Yokohama • NORWAY: KEN-MAR A/S • Halden

CALL TOLL FREE NATIONWIDE 1-800-527-5551

Specifications, prices, conditions subject to change without notice.

Printed in U.S.A. 3/93

A Most Timely Product...

INCINOLET electric incinerating toilet system solves the critical problems of water, waste and pollution of our ground water resources. Water is not used at all in this system and nothing is drained out. Easy to install, INCINOLET can be used in any climate.

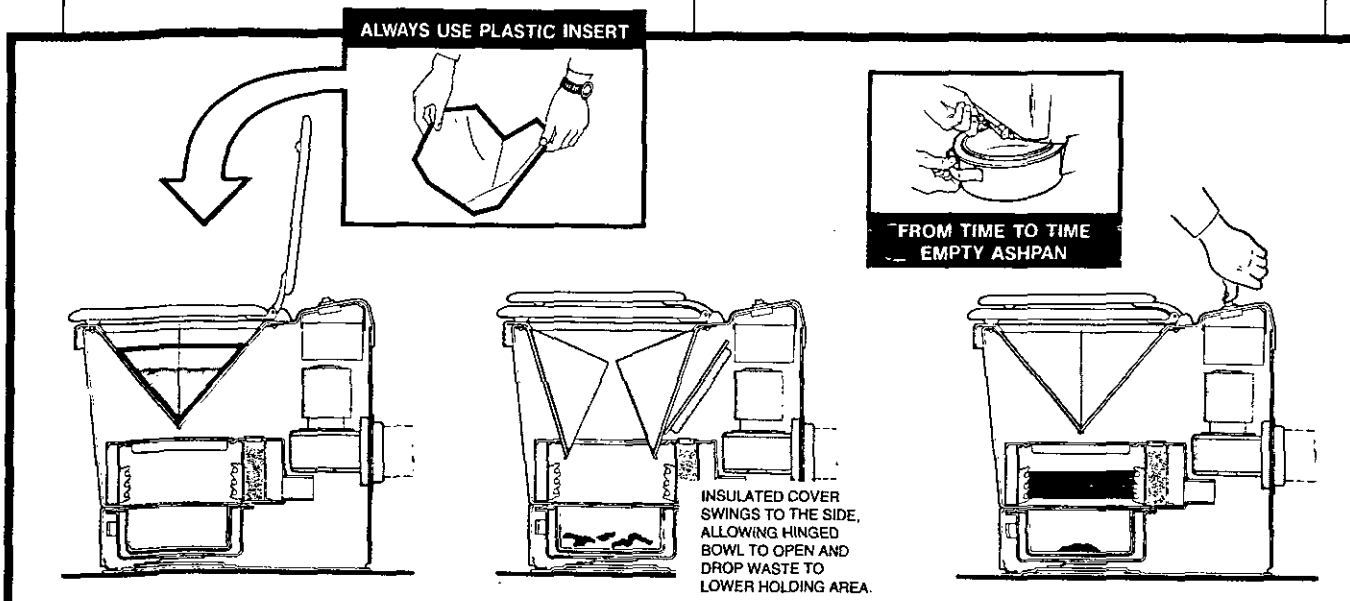
INCINOLET GIVES YOU:

CONVENIENCE
An indoor, near-at-hand, exceptionally sanitary toilet facility where you want it – wherever electric power is available.

AFFORDABILITY
Much less costly than other systems, and there's no digging or plumbing involved.

EASY TO USE AND INSTALL
Simply install a ventline (included) and plug into power. That's it!

QUALITY
Makes INCINOLET one American product popular internationally.



1. Drop plastic insert into toilet bowl. Plastic insert catches and contains all waste plus paper.

2. Flush bowl by stepping on foot pedal.

3. Push start button to incinerate waste automatically.

HOW THE INCINOLET WORKS

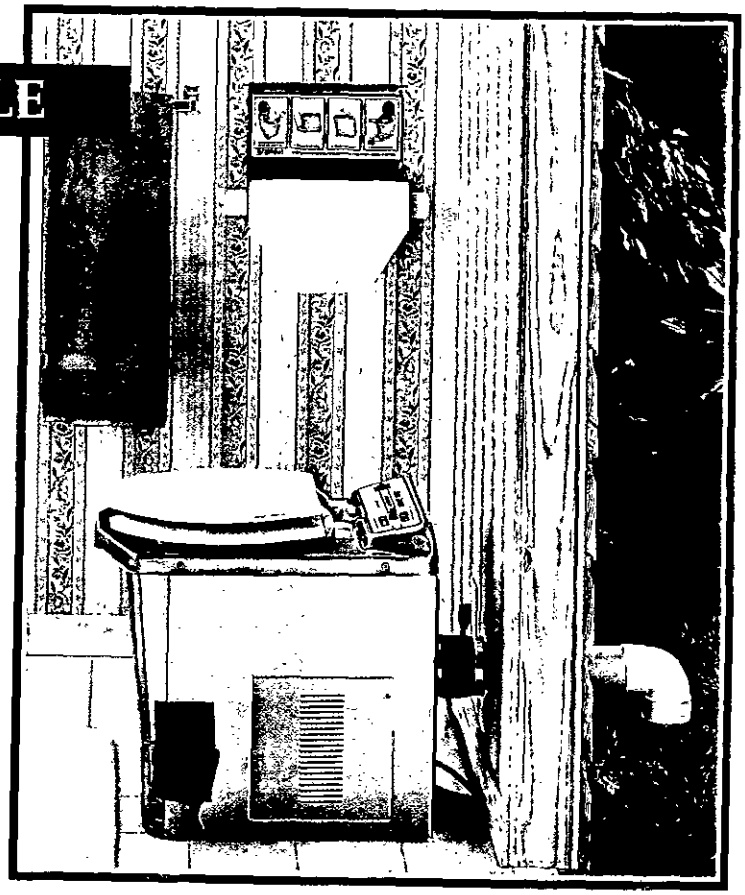
INCINOLET uses electric heat to reduce human waste (urine, solids, paper) to a tablespoonful of clean ash, dumped periodically into the garbage. INCINOLET remains immaculately clean because waste never touches the bowl surface: a plastic insert, dropped into the bowl prior to use, captures the waste, then both insert and its content drop into the incinerator chamber when the foot pedal is pushed. Outside surfaces remain cool to touch. You may use INCINOLET at any time even while it is in cycle.

A TYPICAL CYCLE

Incineration cycle is initiated with push button. Both heater and blower come on when button is pushed. Heater alternates off and on for 60 minutes, blower continues on until unit has cooled.

Several persons may use the toilet in rapid succession. Push the start button after each use to reset the timer to the beginning of the cycle each time.

INSTALLATION IS SIMPLE



INCINOLET system comes to you as a complete, ready-to-install package. Installation is quick and easy.

- Set the unit on the floor.
- Connect the vent pipe between the unit and the outside.
- Plug into electric power.
- Mount insert dispenser on wall near unit.

CAPACITY

Number of persons using toilet full-time:

Model CF and RV:

CAPACITY	VOLTS	CURRENT	WATTS
6 persons	240	7.5 amps	1800
6 persons	120	15 amps	1800

Model TR and WB:

CAPACITY	VOLTS	CURRENT	WATTS
10 persons	240	15 amps	3600
10 persons	208	17.5 amps	3600

EASY TO MAINTAIN

WIPE SURFACES
with a damp cloth occasionally. Or to restore high sheen, use stainless steel polish.

EMPTY ASHPAN
at least once every week, more often with heavy usage.



ODOR CONTROL SYSTEM

A platinum type catalyst, similar to that used in automobile emission systems, controls smoke and odor.

GENERAL DIMENSIONS

Width.....15 inches
Height.....20 inches
Depth.....24 inches
Ventpipe.....3 inch dia.
Blower.....100 cfm

ENVIRONMENTALLY KIND

INCINOLET can be used in the most environmentally fragile areas. It uses no water and drains nothing out. INCINOLET produces no odor and its emissions to the air are clean. Ash residue has been burned to 1400 degrees Fahrenheit and is completely germfree. Simply throw the ash out with the household garbage.

ENERGY CONSUMPTION

About one kilowatt-hour of electricity is consumed during one incineration cycle. One cycle can incinerate about four urine deposits, so that average energy consumption per use can be as low as 1/4 kw-hr. On average, four persons using toilet full time will consume about eight kilowatt hours of electricity per day. Estimates are based on a 120 volt unit with a 1800 watt heater.

Original Heavy-Duty System

The GOJO® Brand money saving system starts with portion-controlled dispensers that deliver just the right amount of cleaner every time -- offering you the lowest possible cost-per-wash. They're also easy to mount and use.

Then select one of our heavy-duty cleaning formulas. GOJO Original Formula is America's top selling creme-type waterless hand cleaner. It cleans fast but is easy on the hands because it's non-toxic and fortified with lanolin. It's also available in a Fine Italian Pumice Formula that's ideal for extra ground-in grease and sticky soils. GOJO Brand Paint and Stain Hand Cleaner's advanced cleaning formula quickly and safely removes all types of oil-base and latex paints, stains, varnishes, urethanes, epoxies, sealers and more.



DISPENSER STOCK NO.	DESCRIPTION		
1200	Heavy Duty Dispenser (for 1111 cartridge only)	1	5 lbs
1204	Dispenser (for 4.5 lb can)	1	1 lb
1223	Mini Dispenser (for 17 oz or 18 oz can)	6	4 lbs

A3

A4

DIAMOND SPRINGS

June 19, 1996

Diamond Springs has made an agreement with Mitch Clark to provide bottled water service for the new Mini Storage facility in Pineville as follows:

1 Water Cooler	$8.75 per Month
5-Gallon Water	5.65 per bottle
Bottle Deposit	6.00 per Bottle
1 Cup Dispensor	no charge
Conical shape cups	12.95 per 1000

This is a one year service agreement which will take effect as soon as the building is ready to be occupied.

Richard Rickabaugh
Sales Manager

P.O. Box 667887 • Charlotte, NC 28266-7887 • (704) 393-3900

continued proper performance of the ATU.
A condition of the Operation Permit shall be that the unit continue to perform in accordance with Class I effluent quality requirements of the National Sanitation Foundation (NSF) Standard Number 40 effective on the date the improvement permit was issued.

(7) Performance monitoring shall be carried out by the operator.

(A) During each inspection, the operator shall confirm proper mechanical performance, conduct a visual check for unusual color, clogging, oily film, odors, foam, measure settleable aeration chamber solids, and ascertain the need for removing solids, backwash and cleaning of filters, and other maintenance activities. The ground absorption system shall also be inspected and an evaluation of performance shall be made. The operator shall take the necessary steps to assure that needed maintenance is carried out.

(B) Semi-annually, samples shall be collected by the system operator and analyzed by a state-approved wastewater testing laboratory of the effluent for Five-Day Biological Oxygen Demand, Suspended Solids, and pH. The aeration tank shall be sampled for mixed liquor suspended solids.

(C) Performance monitoring results shall be reported to the local health department and the state quarterly.

(D) Remedial action and additional sampling shall be required if monitoring results or inspection indicate that Class I effluent standards are not met.

History Note: Statutory Authority G.S. 130A-335(e) and (f); 130A-342;
Eff. July 1, 1982;
Amended Eff. April 1, 1993; May 1, 1991; December 1, 1990; January 1, 1990.

.1958 NON-GROUND ABSORPTION SEWAGE TREATMENT SYSTEMS

(a) Where an approved privy, an approved septic tank system, or a connection to an approved public or community sewage system is impossible or impractical, this Section shall not prohibit the state or local health department from permitting approved non-ground absorption treatment systems utilizing heat or other approved means for reducing the toilet contents to an inert or stabilized residue or to an otherwise harmless condition, rendering such contents noninfectious or noncontaminating. Alternative systems shall be designed to comply with the purposes and intent of this Section.

(b) Holding tanks shall not be considered as an acceptable sewage treatment and disposal system. An improvement permit shall not be issued for a sewage holding tank.

(c) Incinerating, composting, vault privies, and mechanical toilets shall be approved by the state agency or local health department only when all of the sewage will receive adequate treatment and disposal.

(d) Sewage recycling systems which discharge treated waste-water meeting the state drinking water standards may be used only for toilet flushing and recycled sewage shall not be used for body contact or human consumption. Such systems must be specifically approved by the state or local health department.

(e) Chemical or portable toilets for human waste may be used at mass gatherings, construction sites, and labor work camps. Chemical or portable toilets proposed for use at a labor work camp shall have an operation permit from the local health department upon a showing by the owner or controller that the chemical or portable toilet shall be maintained in a sanitary condition. Chemical or portable toilets shall have a watertight waste receptacle constructed of nonabsorbent, acid resistant, noncorrosive material. The chemical or portable toilet waste collected shall be discharged into an approved sewage treatment and disposal system.

History Note: Statutory Authority G.S. 130A-335(e) and (f);
Eff. July 1, 1982;
Amended Eff. August 1, 1991; January 1, 1990.

.1959 PRIVY CONSTRUCTION

An "approved privy" shall consist of a pit, floor slab, and seat assembly housed in a building which affords privacy and reasonable protection from the weather.

(1) The pit shall consist of an excavation at least 42 inches square and in no case shall the bottom of an excavation be closer than one foot from the seasonally high water table or rock.

(2) The pit shall be properly curbed to prevent caving. In sandy or loose soil, the curb should extend the full depth of the pit. In tight soils, partial curbing is acceptable if it prevents caving.