

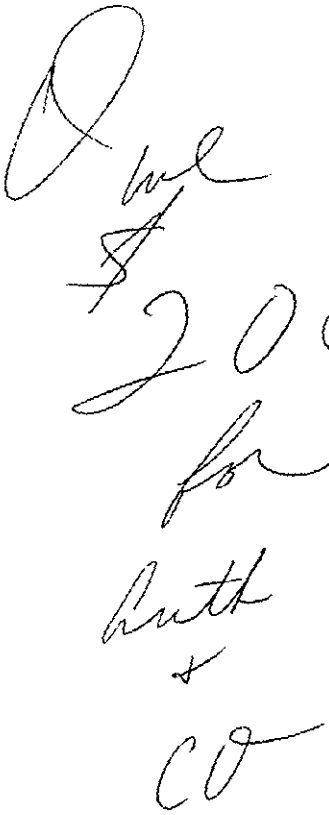
9039 CRUMP RD

20511401

12/31/2007

duponbj

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



☐ No

Well Only) ☐ (Septic Only)

DATE

DE • PROGRESS

l Health Division

• Charlotte, North Carolina 28202-2236

Gwen,

I need this file back after you are finished with it.

Thanks.

Jamy



1840 Shelton Avenue
Statesville, North Carolina 28687
Phone: (704) 873-2255 / (704) 878-2143

WHOLESALE DISTRIBUTOR
PLUMBING PRODUCTS - WATER SYSTEMS - HVAC EQUIPMENT & SUPPLIES

CERTIFICATE OF COMPLETION/OPERATION PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 2743 B DATE: 11-20-98
TC: 205-114-01 ☐ L ☐ CRT
SERIAL Nº 17863

Name of Owner Joe Rogers Juris.:
Address of Property 9039 Crump Road

Inspection Data:

Tank Material PCC
Total Length of Drainfield 189'
Number of Lines 3 @ 63'
Cover Depth 24" Avg
Water Supply Source Municipal
Distance to Water Source >10'
Excavation Inspected 11-20
Tank(s) Inspected 11-19
Wash Line Inspected N/A
High Water Alarm Inspected 11-20

* Float set for 8" tank drawdown
* Goulds ½ HP

PLOT

Design 1500 ST, 1000 AT, P1, INNOV. 5675E, T. Sand backfill Soil Type II TR# J. Laney

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☑ installed or constructed ☐ altered or repaired
☑ in accordance with the permit issued ☐ as detailed in the plot above

and meets the provisions of I5A NCAC 18A. 1900, "Laws And Rules For Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. This issuance of this

☐ Certificate of Completion ☑ 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 I5A NCAC 18A. 1990 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/revocation of this permit.

COMMENTS: Type III b office - 7 employees
63'3'w x 63'2" x 36" deep
- Pre check valve has built in disconnect or union
- Inspection ports on all 3 lines
- Nema 4x alarm

Larry B. Thompson Jr.
Environmental Health Specialist

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

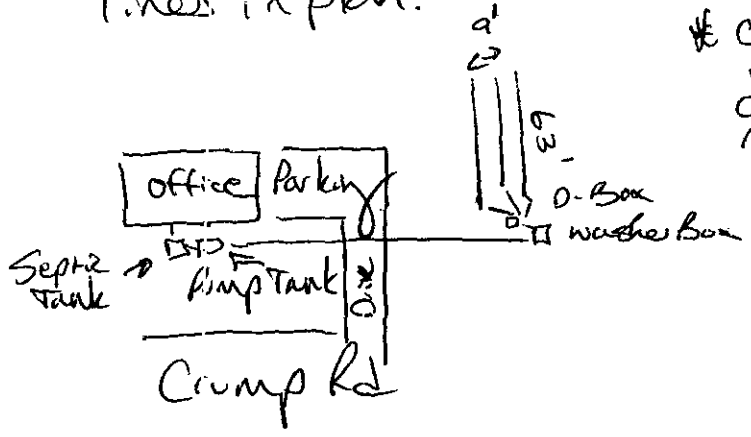
FILE: 2743B DATE: 11-18-98

TC: 205-114-01 ☐ L

SERIAL Nº 17974

Permission is hereby given to ✓ Install or Construct, _____ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in the application dated 11-5-98. All work shall be completed on or before 12-18-98, after which date this permit 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 the granting of this permit. A Certificate of Completion or 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 or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

Install according to approved plans with the exception of 3-63' long drainlines over the 2-97' long lines in plan.



PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank 1000 gallons

Tank Construction Pcc

Trench Depth ≤ 36"

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Trench Walls Scored and Porous Yes

Total Line Length 189 feet

Number of Lines 3

Depth of Stone N/A inches

Distance from House 5 feet

Distance from Property Line 10 feet

Distance from Well N/A feet
Municipal → 10'

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

NAME OF OWNER Joe Rogers

LOCATION OF PROPERTY 9039 Crump Road

Comments: Type III b office - 7 employees
(3) 3'w x 63'L x ≤ 36" deep - Group I, II or III soil backfill required around chamber system

Larry B. Thompson Jr.
Environmental Health Specialist

WHITE - HEALTH DEPARTMENT's COPY • CANARY - E.H.S. COPY • PINK - OWNER OR AGENT's COPY

DOSED GRAVITY INFILTRATOR SYSTEM PLAN

FOR

JOE ROGERS OFFICE BUILDING
9039 CRUMP ROAD
PINEVILLE, N. C. 28134

MCHD FILE #2743B TAX PARCEL 205-114-01

by
Toney C. Jacobs & Associates, Inc.
Consulting Soil Scientists
168 Broadbill Drive
Mooresville, NC 28117

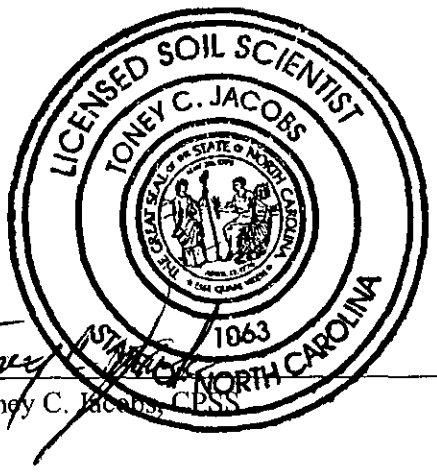
(704)663-6905
fax (704) 662-9845
e-mail jacobs@I-america.net

November 4, 1998



Submitted to: Mr. Philo Walker, R. S.
Mecklenburg County Health Dept.
Charlotte, N.C.

Mr. Joe Rogers
6849 Fairview Rd.
Charlotte, N.C. 28210



Toney C. Jacobs, CPSS

Joe Rogers Office Building

GRAVITY DISTRIBUTION INFILTRATION SYSTEM

Design Considerations

The proposed system is for a 7-person office on a 3.1 acre lot in a commercial/industrial area in southern Mecklenburg County. Much of the tract (1.7ac) is encumbered by a Southern Railway right-of-way. Although the property was an old plat there is more than ample suitable area on the tract for a 100% repair.

Soils were evaluated by Toney C. Jacobs and the system layout was by Toney C. Jacobs & Associates. Because of space conservation, the chambered system was considered as the best suited system for the tract. The septic system drainfield was flagged in the field as shown in Figure 1. The system will be pumped to a surge tank, chambered system, using 2 x 97' lines. During construction and tree removal precautions should be taken to prevent damaging the system area. The pump supply line crosses beneath a driveway at a depth in compliance with the rules. A copy of the rules for the line crossing is enclosed in appendix.

Location

The ≈ 3.1 acre tract is on the west side of South Blvd., and across the railroad (map enclosed).

References

1. *Laws and Rules for Ground Absorption Sewage Disposal Systems 15A NCAC 18A. 1900,* NCDEHNR-DEH.
2. Infiltrator product information

Recommendation

One hundred and ninety-four (194) lineal feet of dosed Infiltrator lines using gravity distribution. (Product information sheet on Infiltrator System, Inc. enclosed)

Ownership Responsibility

Conservation measures should be undertaken in plumbing fixture specifications to minimize the volume of wastewater entering the disposal system, including, but not limited to the following precautions:

(a) Provide water conserving plumbing fixtures within the facility. Waterclosets must be 1.6 gal. flush (per code). Shower head should also have restrictions or be of low volume design.

(b) Develop conservative water use habits.

(c) Monitor and maintain the system as necessary for proper operation. An Operation Permit will not require a maintenance contract to be filed with the Mecklenburg County Health Department for the system. Management is recommended to prolong and enhance service.

System must be properly installed by a *qualified* and *competent* contractor following the requirements of the Mecklenburg County Department of Environmental Health, DEH, the N.C. Building Code, Plumbing Code, and the Electrical Code. This plan, as any, is a guide to a minimum standard, but cannot take the place of experience and common sense.

Components of System

1. Two compartment septic tank ~~1000 gal.~~ 1500gal
2. Pump tank 1000 gallons
3. Supply pipe
4. Minimum 50 gal concrete surge tank
5. Speed lever box (or equivalent)
6. 194' of chambers with sand backfill on the sides

Construction Sequence

1. Lines have been flagged as noted on drawing and in specifications.

2. Clear the area of all organic material with minimum soil disturbance (do not grade except as specified). There are old field rows approximately 7' apart up and down the slope. These will be leveled during installation. A minor surface swail will remove surface water to the railroad cut from above the drainfield.

3. Install trenches per cited reference material and this plan.

4. Carefully backfill distribution trenches to grade with clean clay or clay loam soil fill material which is carefully placed and compacted.

5. The installation contractor shall stabilize the area of construction by planting with Kentucky 31 tall Fescue and mulching. Area to be limed and fertilized with 0.5 tons lime, 75 units of N, 150 units P, and 100 units of K per disturbed acre.

6. The septic tank shall consist of an approved 1000 gallon capacity reinforced, precast watertight, concrete tank with full baffle and shall have easy access to each chamber from ground level for inspection. The first chamber of the septic tank shall consist of 2/3 to 3/4 of the volume of the total tank and the baffle shall contain a horizontal opening across the tank at about midway . Locate the septic tank at such height as to provide approximately 8" of cover soil over top of the tank.

7. Final Landscaping: After the system is installed, the absorption field should be reshaped to shed rainwater and be free of low areas to insure that the system will not be overloaded with excess rainwater and run-on.

8. Supply pipe should have a metal locator tape or wire should it have to be located.

9. The dosing tank shall consist of an approved 1500 gallon capacity, reinforced, precast, watertight concrete tank without baffle and shall have a concrete mounting pad (concrete blocks) for accommodating the pump. Test for leakage per regulations. Provide access for entry into the tank directly over the pump location, and extending 6" above final grade. Use a 30" diameter concrete well casing or equivalent and concrete well cap or other approved type cover. There must be a seal (masonry or seal rope) between well tile and top of tank.

10. All piping and fitting shall be SCH 40 PVC. Glue for all PVC pipe joints shall be as recommended by the pipe manufacturer.

11. Pump: The submerged pump shall be Goulds 3885 or equal, 115 or 230 v/l phase; capable of pumping 10 gallons per minute at 29.5' of head.

12. Pump controls and alarm to meet specifications of .1952, and being a single simplex box with light and audible indicators (see specs).

13. A "Warning Sign" shall be located within the house to inform the occupants of action to take in case the "High Water Alarm" is activated. This sign shall contain the name, address, telephone number, and emergency telephone number of the person to contact upon malfunction of the system. This should be "management entity", although not required.

14. Pump and Controls: Details of pump installation are shown in the plan. The pump must be placed on concrete blocks on the bottom of the tank. This prevents the pumping of any solid particles which can clog the pipe system. A piece of nylon rope or other non-corrodible material should be attached to the pump and the outlet pipe for lifting the pump in and out of the chamber. Controls must be fastened to a "tree" with clamps or brackets supplied by the manufacturer. The lower level control or "pump-off" must be positioned above the pump, so that the pump remains submerged at all times. The level control "pump-on" is positioned to pump a specified volume of effluent. The high water control float is then mounted about 3" above the upper pump-on control. (Note: Care must be taken to insure that floats do not become fouled by other components in the tank, such as the electric power cord or the lifting rope. The pump outlet pipe should be

connected to the supply manifold with a threaded PVC union (or dresser coupling) to allow quick removal.

15. Electrical Connections: The pump and high water alarm must be placed on separate electrical circuits. (If the pump circuit fails, the alarm must still be able to operate). Follow the manufacturers recommendations for the proper fuses or circuit breakers. All electrical connections must be made outside the pumping chamber. Power cords from the pumps and controls should be plugged into the NEMA 4X simplex approved outdoor receptacle. This must not be located inside the pumping chamber due to the corrosive and explosive gasses that may form from the sewage. This box must be a minimum of 1' above finished grade. Wiring between the pumping chamber and the station should meet State and local code requirements. A lightning arrester is recommended to protect the pump and controls from electrical surges.

16. Proper Operation Check: After all components have been installed and connected, the system should be checked for proper operation. With electrical power turned off, fill the pumping chamber with water from garden hose until the liquid rises to the level of the high-water alarm float. Turn on the electrical power. The alarm light should go on the house, and the pump should start operating. The alarm light should go off when the liquid reaches the lowest float control. Be sure the pump is still completely submerged.

17. With someone at the surge tank, turn pump on and set gate valve at surge tank to deliver 10 gpm.

Concluding Note:

This plan was done to facilitate permitting by the Mecklenburg County Health Department by an agent of the owner. Because of the simplicity of this system, a pre-installation meeting between Toney C. Jacobs & Associates and the installer is not required. Any additions, or additional requirement(s), or deletions to enhance design or workability which will facilitate a permit are welcomed and may be made by note on this plan without returning entire design. The designer realizes that many plans can be changed and/or improved upon. The installer must realize that this is an exact plan and must be installed with exacting measurements. Should the installer desire a change, it must be approved by the health department in writing. Final inspection will also require more time and detail than a conventional system. If there are questions, please give me a call (number on front).

Design Specifications

Joe Rogers Office Building

Daily design flow:	175gpd. (7 employees)
Septic tank size:	1500 ~~1000 gal.~~ (2 compartments)
Pumping tank size:	1000 gal.
Effluent loading rate:	0.225gpd/sf initial system repair the same
Total length and diameter of supply manifold:	app. 245 lf-2" 40 PVC
Number and length of laterals:	2 @ 97' long
Speed lever control:	2 required
Flow rate through the system:	10 gpm capability
Elevation head:	11.0'
Pressure head:	3.0'
Friction head:	0.5'
20% contingency	5.0
Total head:	29.5
Pump requirements:	10 gpm at 29.5' of head; use Goulds 3885 ½hp pump or equivalent with compatible electrical
Dosing volume:	88 gal. - 2.0 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 gals.)
Pump run per dose:	approx. 8.8 min. (run time control of dose)
Check valve:	No (not required but can be used if desired by installer)
Siphon break hole:	No

VICINITY

SCALE 1" = 40'

2" PVC supply line sch 40

Type II Driveway
26' F/C to F/C min.

NEW M.H. REQUIRED

Need 1 van acces
space 8'+8'=16

septic tank
pump tank
w/ riser

tank may be
reversed if nec.

EXISTING 8" SAN. SEWER LINE

CRUMP ROAD

EXISTING 8" WATER LINE

S78°14'
H29-50-30E

LONG CURB CUT CHAIR-HIGH RAMP DEVELOPMENT SIP 10.25A

LONG WALK U.C. ACCESSIBLE CHAIR-HIGH RAMP DEVELOPMENT SIP 10.25A

WATER METER

SEWER CLEANOUT

2300 SF

87'

SLOPED CURB TYP.

EXTENT OF DISTURBED AREA
=12765 SF = 0.29 AC.

EXIST'G U.G. UTILITIES TO BE RELOCATED

541.39'
N04-36-30E

Surface diversion of water from Above field

Supply >30' deep

282.57'
R=1677.20'

231.54'
N04-30-30E
113.99'

SOUTHERN RAILWAY R/W

123.85

EXISTING SIDEWALK

57.34'

SOUTH BOULEVARD

PARKING

NO REQ

NO. PROVIDED

DEED BOOK 4962, PG
ZONED I-2,

SURVEY INFORMATION
SURVEY DATED JULY 10
FROM A. MCKOSIE, LLC

TCJ CONSULTING

SITE / SOIL EVALUATION

JOB: Joe Rogers PHONE: _____ DATE: 11/2/04

LOCATION: _____ PIN: _____ COUNTY: Moore PROPERTY SIZE: 3.1

PROPOSED FACILITY: _____ WATER SUPPLY: On-Site Well__ Community__ Public__ EVALUATION: Auger Boring Pit__ Cut__

WEATHER: Clouding ANTECEDENT MOISTURE: Dry SURFACE WATER: NA

FACTORS	PROFILE 1	PROFILE	PROFILE	PROFILE
LANDSCAPE POSITION-%	Mid I <5	Mid F 15 <5	mid I 15 <5	
HORIZON I DEPTH	0-5	0-3	0-5	
Color - Munsell	10	10	10	
Texture	sl	sl	sl	
Structure	M	M	M	
Consistence	fri	fri	fri	
		Compacted		
Boundary				
HORIZON DEPTH II	5-36	3-46	5-35	
Color - Munsell	10	10	10	
Texture	c	c	c	
Mottles	NA	f. dist red		
Structure	SAB	SAB	SAB	
Consistence	fri	fri	fri	
Boundary				
HORIZON III DEPTH	36-46		35-46	
Color - Munsell	10		10 + red yel	
Texture	c-cl		c/cl	
Mottles	c red 10		c red 10	
Structure	M-fSAB		M fSAB	
Consistence	fri		fri	
Boundary				
HORIZON IV DEPTH				
Color - Munsell				
Texture				
Mottles				
Structure				
Consistence				
Boundary				
SOIL WETNESS				
RESTRICTIVE HORIZON				
SAPROLITE				
LTAR	PS .2-.25	PS .2-.25	PS .2-.25	
CLASSIFICATION				

LEGEND

LANDSCAPE POSITION
R - Ridge Interfluve
S - Shoulder
L - Linear slope
S - Foot slope
N - Nose slope
H - Head slope
Cc - Concave slope
Cv - Convex slope
T - Terrace
P - Flood Plain

TEXTURE
s - sand
ls - loamy sand
sl - sandy loam
l - loam
si - silt
sil - silt loam
sicl - silty clay loam
cl - clay loam
scl - sandy clay loam
sc - sandy clay
sic - silty clay
c - clay

CONSISTENCE
MOIST / WET
WET
Ns - non-sticky
Ss - slightly sticky
S - sticky
Vs - very sticky

Np - non-plastic
Sp - slightly plastic
P - plastic
Vp - very plastic

MOIST
vfr - very friable
fr - friable
fi - firm
vfi - very firm
efi - extremely firm

STRUCTURE
sg - single grain
m - massive
cr - crumb
gr - granular
sab - subangular blocky
ab - angular blocky
pl - platy
pr - prismatic

dosing and distribution systems and nitrification fields. Minimum pretreatment capacities shall be determined by the design flow rate of Table I of this Rule.

History Note: *Statutory Authority G.S. 130A-335(e);*
Eff. July 1, 1982;
Amended Eff. January 1, 1990; January 1, 1984.

.1950 LOCATION OF SANITARY SEWAGE SYSTEMS

(a) Every sanitary sewage treatment and disposal system shall be located at least the minimum horizontal distance from the following:

(1)	Any private water supply source, including any well or spring	100 feet;
(2)	Any public water supply source	100 feet;
(3)	Streams classified as WS-I	100 feet;
(4)	Waters classified as S.A.	100 feet, from mean high water mark;
(5)	Other coastal waters	50 feet, from mean high water mark;
(6)	Any other stream, canal, marsh, or other surface waters	50 feet;
(7)	Any Class I or Class II reservoir	100 feet, from normal pool elevation;
(8)	Any permanent storm water retention pond	50 feet, from flood pool elevation;
(9)	Any other lake or pond	50 feet, from normal pool elevation;
(10)	Any building foundation	5 feet;
(11)	Any basement	15 feet;
(12)	Any property line	10 feet;
(13)	Top of slope of embankments or cuts of 2 feet or more vertical height	15 feet;
(14)	Any water line	10 feet;
(15)	Drainage Systems:	
	(A) Interceptor drains, foundation drains, and storm water diversions	
	(i) upslope	10 feet,
	(ii) sideslope	15 feet, and
	(iii) downslope	25 feet;
	(B) Groundwater lowering ditches and devices	25 feet;
(16)	Any swimming pool	15 feet;
(17)	Any other nitrification field (except repair area)	20 feet;

(b) Ground absorption sewage treatment and disposal systems may be located closer than 100 feet from a private water supply, except springs and uncased wells located downslope and used as a source of drinking water, for repairs, space limitations, and other site-planning considerations but shall be located the maximum feasible distance and in no case less than 50 feet.

(c) Nitrification fields and repair areas shall not be located under paved areas or areas subject to vehicular traffic. If effluent is to be conveyed under areas subject to vehicular traffic, ductile iron or its equivalent pipe shall be used. However, pipe specified in Rule .1955 (e) may be used if a minimum of 30 inches of compacted cover is provided over the pipe.

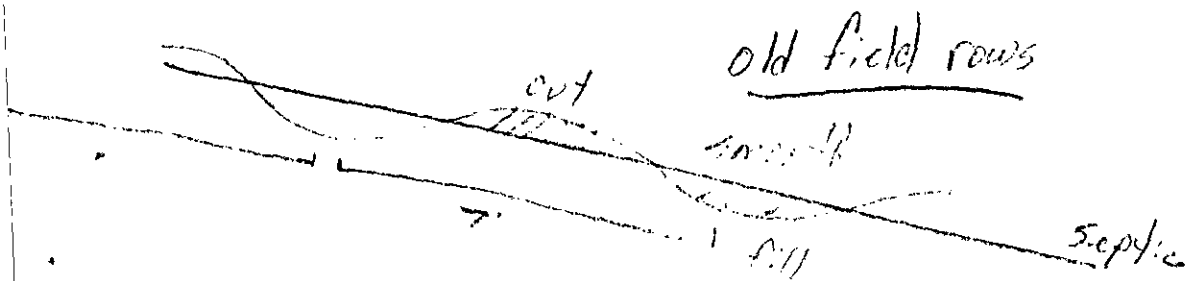
(d) In addition to the requirements of Paragraph (a) of this Rule, sites to be used for subsurface disposal for design units with flows over 3,000 gallons per day, as determined in Rule .1949 (a) or (b) of this Section, which include one or more nitrification fields with individual capacities of greater than 1,500 gallons per day, shall be located at least the minimum horizontal distance from the following:

(1)	Any Class I or II reservoir or any public water supply source utilizing a shallow (under 50 feet) groundwater aquifer	500 feet;
(2)	Any other public water supply source, unless determined to utilize a confined aquifer	200 feet;
(3)	Any private water supply source, unless determined to utilize a confined aquifer	100 feet;
(4)	Waters classified as SA	200 feet, from mean high water mark;

Sta.	B.S.	H.I.	F.S. or Grade Rod	Elev. or Planned Elev.
red flag nail ed. rd	3.65	103.65		100
red line	4.35			99.3
blue line	4.05			99.6
gr. at tank	9.5			94.15
depth	15.5			88.15

SCS-29 (3-60)

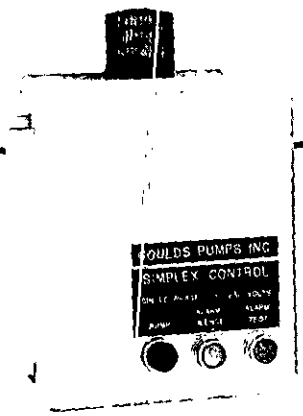
GPO 1960 OF—550816



Goulds

SES Series Customized Control Panels

Simplex/Weather Proof Controller with Alarm



APPLICATIONS

Superior quality simplex liquid level controller, automatically maintains pump operation, includes high level alarm warning for a variety of sump, effluent, sewage and water transfer applications.

SPECIFICATIONS

- Accepts single or dual power feed.
- Hand-off automatic pump selection switch.
- On-off control circuit switch.
- Oversized magnetic contactor.
- Numbered terminal strip-screw type.
- NEMA 4X, 30 watt, flashing red light.
- NEMA 4X, fiberglass enclosure with gasketed, hinged door and stainless steel hardware.
- NEMA 4X, alarm horn – 95db.
- 115 V, 3 amp, control circuit breaker.

Single Phase

- Field adjustable for 115 or 230 V, 60 Hz.

Maximum Pump Running Amps	Panel Order No.
20	S10020
27 (3 HP)	S10027*
36 (5 HP)	S10036*

*For 3 and 5 HP single phase, includes run capacitors and pilot duty overloads.

Three Phase

- Field adjustable for 208/230 /460/575 V, 60 Hz.
- 115V control circuit transformer.
- Adjustable motor overload protectors.
- **Heaters not required.**

Maximum Pump Running Amps	Panel Order No.
1.6 to 2.5	S31625
2.5 to 4.0	S32540
4.0 to 6.3	S34063
6.3 to 10	S36310
10 to 16	S31016
16 to 20	S31620
20 to 25	S32025

FEATURES

■ Rugged NEMA 4X construction withstands even the most severe weather conditions and prevents corrosion.

■ Hinged door with lockable stainless steel latch for safe operation indoors and out.

■ High level alarm circuit includes spring loaded through door mounted silence switch for manual silence of alarm horn.

■ Through door mounted alarm test switch insures proper operation of the alarm circuit without the need to open the panel.

■ Through door mounted pump run light.

■ Top mounted high intensity flashing red light provides 360° visibility.

■ Pulsating, corrosion proof alarm horn.

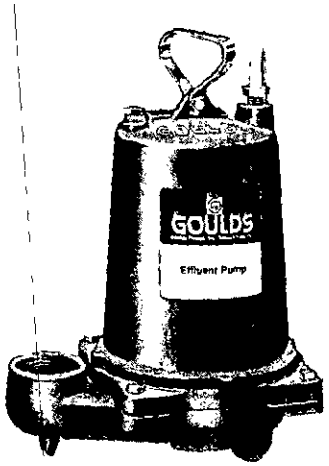
■ Color coded wiring, screw type terminals and plug in sockets, ensure ease of field servicing.

■ Field wiring diagram, panel schematic and installation instructions included.

■ Panel can be wired for a single power feed for pump and control circuit or the control circuit can be wired to a separate power supply to insure alarm integrity in case of a tripped pump breaker.

■ Entire unit is UL/CSA approved and listed.

© 1995 Goulds Pumps



Goulds

Submersible Effluent Pump

MODEL

3885

APPLICATIONS

Specifically designed for the following uses:

- Homes
- Farms
- Trailer courts
- Motels
- Schools
- Hospitals
- Industry
- Effluent systems

SPECIFICATIONS

Pump

- Solids handling capabilities: ¾" maximum.
- Discharge size: 2" NPT.
- Capacities: up to 128 GPM.
- Total heads: up to 123 feet TDH.
- Mechanical seal: silicon carbide-rotary seat/silicon carbide-stationary seat, 300 series stainless steel metal parts, BUNA-N elastomers.
- Temperature: 104°F (40°C) continuous 140°F (60°C) intermittent.
- Fasteners: 300 series stainless steel.
- Capable of running dry without damage to components.

Motor

Single phase:

- ⅓ HP, 115 V, 200 V, 230 V, 60 Hz, 1750 RPM; ½ HP, 115 V, 60 Hz, 3500 RPM; ½ HP – 1½ HP, 230 V, 60 Hz, 3500 RPM.
- Built-in overload with automatic reset.
- Class B insulation.

Three phase:

- ½ HP – 1½ HP 200/230/460 V, 60 Hz, 3500 RPM.
- Class B insulation.
- Overload protection must be provided in starter unit.
- Shaft: threaded, 400 series stainless steel.
- Bearings: ball bearings upper and lower.
- Power cord: 20 foot standard length (optional lengths available).

Single phase:

- ⅓ and ½ HP – 16/3 SJTO with 115 V or 230 V three prong plug.
- ¾-1½ HP – 14/3 STO with bare leads.

Three phase:

- ½-1½ HP – 14/4 STO with bare leads. On CSA listed models – 20 foot length SJTW and STW are standard.

FEATURES

■ **Impeller:** Cast iron, semi-open, non-clog with pump-out vanes for mechanical seal protection. Balanced for smooth operation. Silicon bronze impeller available as an option.

■ **Casing:** Cast iron volute type for maximum efficiency. 2" NPT discharge adaptable for slide rail systems.

■ **Mechanical Seal: SILICON CARBIDE VS. SILICON CARBIDE** sealing faces. Stainless steel metal parts, BUNA-N elastomers.

■ **Shaft:** Corrosion-resistant stainless steel. Threaded design. Locknut on three phase models to guard against component damage on accidental reverse rotation.

■ **Motor:** Fully submerged in high-grade turbine oil for lubrication and efficient heat transfer.

■ **Designed for Continuous Operation:** Pump ratings are within the motor manufacturer's recommended working limits, can be operated continuously without damage.

■ **Bearings:** Upper and lower heavy duty ball bearing construction.

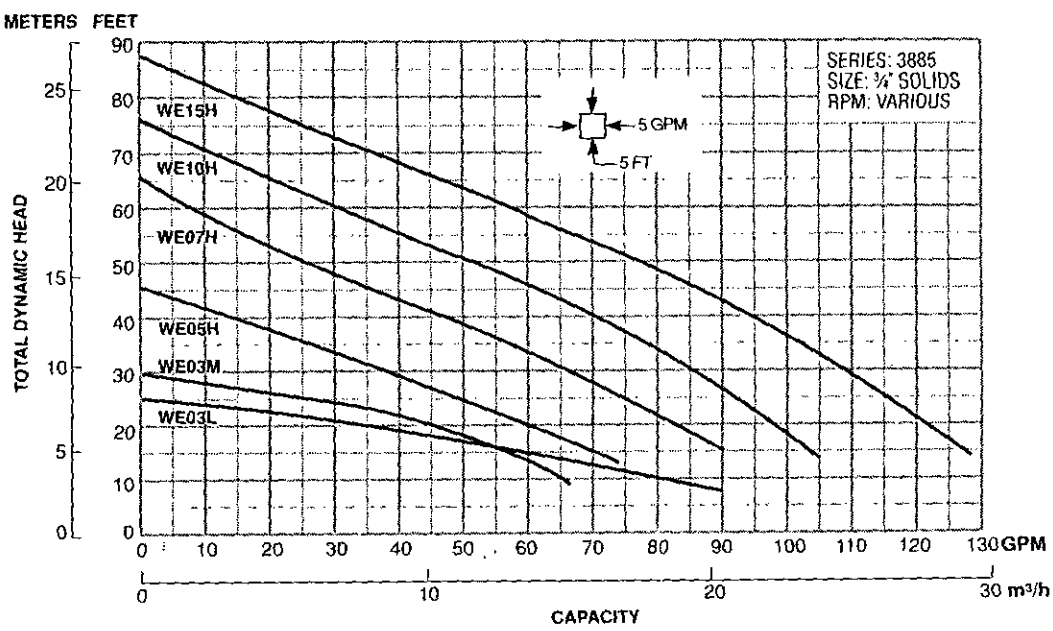
■ **Power Cable:** Severe duty rated, oil and water resistant. Epoxy seal on motor end provides secondary moisture barrier in case of outer jacket damage and to prevent oil wicking.

■ **O-ring:** Assures positive sealing against contaminants and oil leakage.

AGENCY LISTINGS

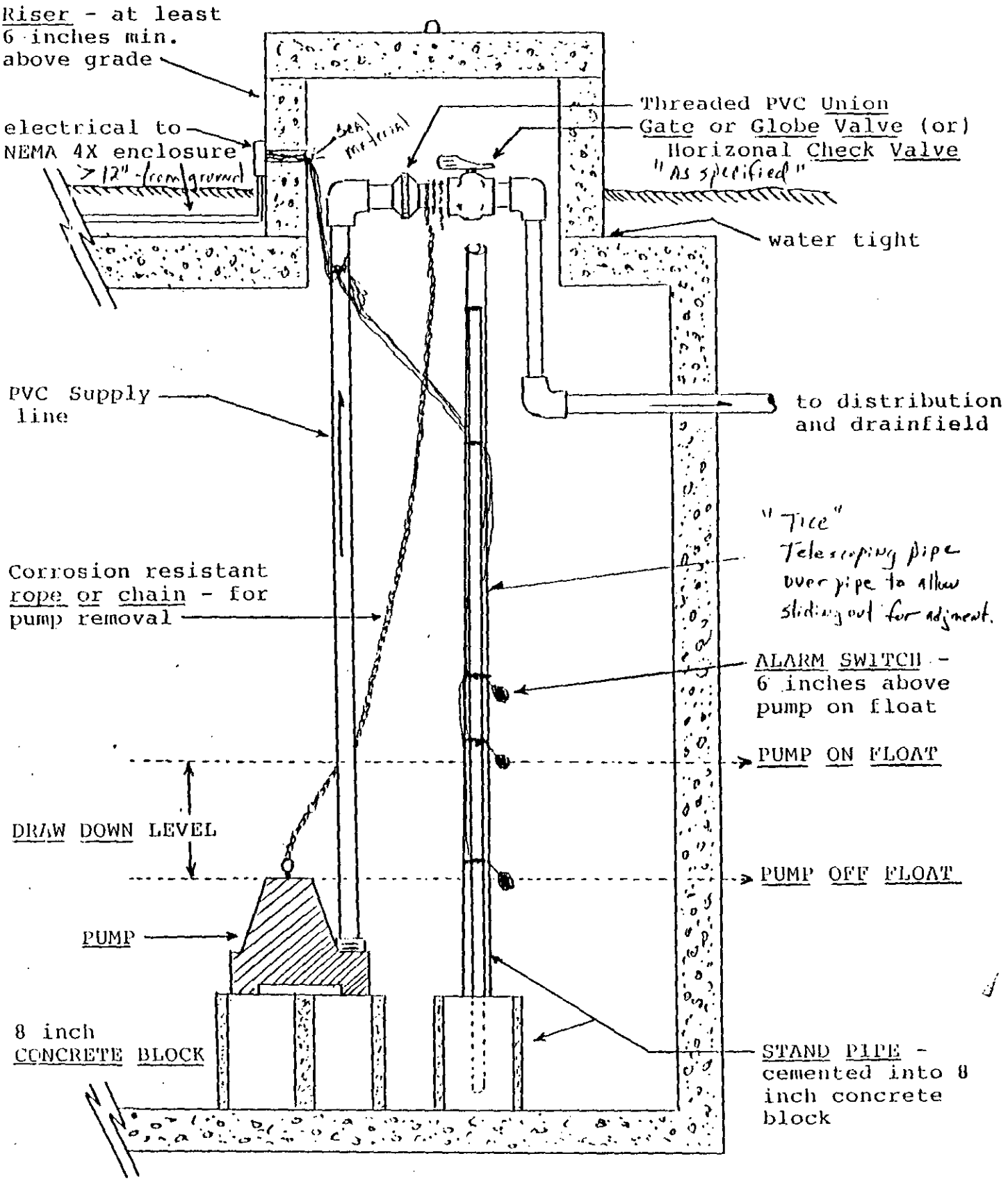
Canadian Standards Association

Underwriters Laboratories



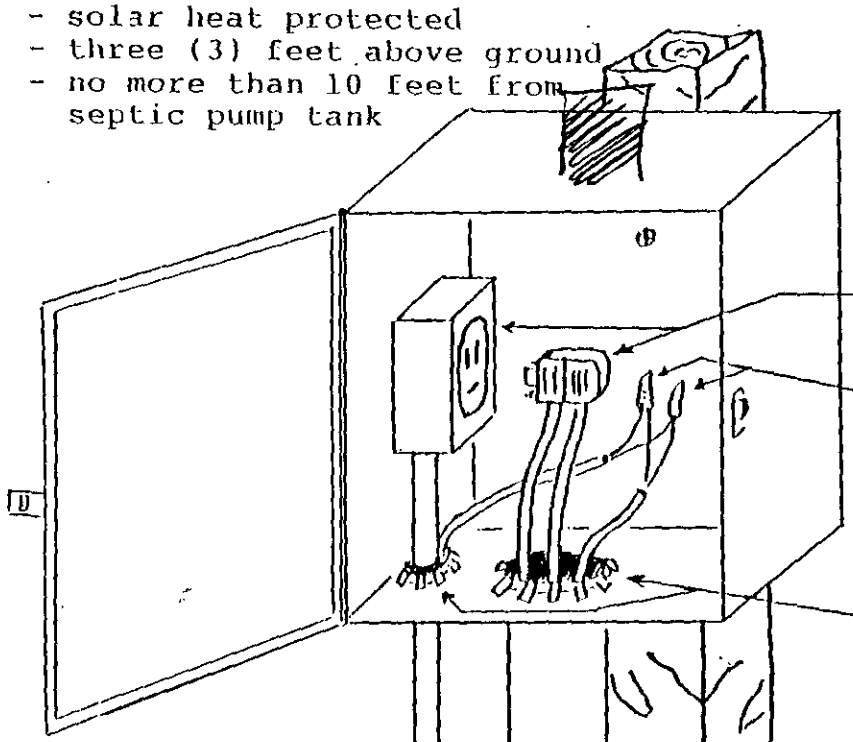
© 1995 Goulds Pumps

Effective May, 1995
B3885


Riser - at least 6 inches min. above grade
electrical to NEMA 4X enclosure
>12" from ground
Threaded PVC Union
Gate or Globe Valve (or) Horizonal Check Valve
"As specified"
water tight
PVC Supply line
to distribution and drainfield
"Tee"
Telescoping pipe over pipe to allow sliding out for adjustment.
Corrosion resistant rope or chain - for pump removal
ALARM SWITCH - 6 inches above pump on float
PUMP ON FLOAT
DRAW DOWN LEVEL
PUMP OFF FLOAT
PUMP
8 inch CONCRETE BLOCK
STAND PIPE - cemented into 8 inch concrete block

Simplex Control Panel w/ pump connections & alarm in one unit.

NEMA 4X ENCLOSURE must be:
- water tight
- corrosion resistant
- solar heat protected
- three (3) feet above ground
- no more than 10 feet from septic pump tank



Pump Power Connection

Low Voltage Alarm:
- for audible
- for visual

Duct Seal

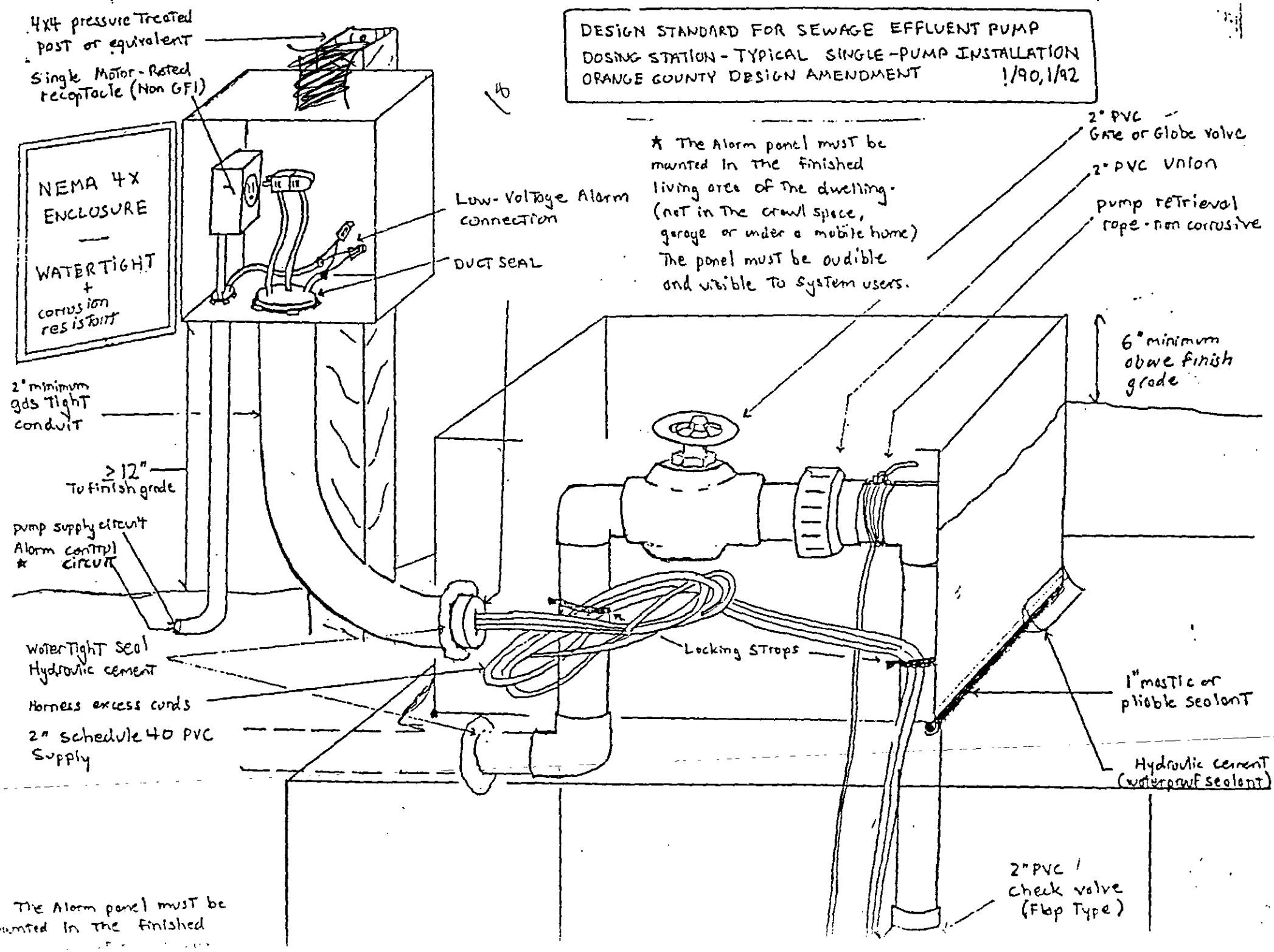
4X4 Pressure Treated Post or the equivalent:
- may be attached to dwelling if not more than 10 feet from septic pump tank

Conduit: waterproof, gas-proof, corrosion resistant (no splices in conduit line)

to dwelling

to pump tank

DESIGN STANDARD FOR SEWAGE EFFLUENT PUMP
DOSING STATION - TYPICAL SINGLE-PUMP INSTALLATION
ORANGE COUNTY DESIGN AMENDMENT 1/90, 1/92



* The Alarm panel must be mounted in the finished

FOR REGISTRATION JUDITH A. GIBSON
REGISTER OF DEEDS
MECKLENBURG COUNTY, NC
1998 NOV 18 02:47 PM
BOOK:10049 PAGE:500-504 FEE:$14.00
INSTRUMENT # 1998181631

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

WASTEWATER TREATMENT AND DISPOSAL SYSTEM DESIGN AGREEMENT: 15A NCAC 18A .1948 AND ANY OF THE FOLLOWING RULES: .1956; .1957(a); .1957(b); or .1957(c); OR .1969

FILE # 2743 B
PARCEL # 205-114-01

The undersigned, JOSEPH D. ROGERS, owner of property located at 9039 Crump Road, (the "site") and described in an instrument recorded in Book _____ at Page _____, Mecklenburg Public Registry, hereby acknowledges that the undersigned applied to the Mecklenburg County Health Department (the "Department") for a permit to install a septic tank sewage disposal system on the site; that the Department evaluated the site for suitability for such a system in accordance with the regulations promulgated by the North Carolina Commission for Health Services as 15A NCAC 18A .1900 et seq.; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested that the Department reclassify the site as "provisionally suitable" in light of the particular septic tank system proposed by the undersigned; that the Department considered various studies, data, and other information which indicate to the Department that the septic tank system proposed by the undersigned is allowed by the rules; and that the Department therefore reclassified the site as "provisionally suitable" and issued an appropriate permit for such proposed septic tank system.

The undersigned further acknowledges that the proper design, construction, operation and maintenance of such septic tank system is the responsibility of the designer, owner, developer, installer, or user of the system, as applicable, and that neither the Department nor its officials, employees, or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for any damages of any kind which are caused, or which may be caused, by a malfunction of such system.

The undersigned further acknowledges that the following conditions will apply to the site:

- Any changes on the property may make the Improvement Permit Null and void and may make the Improvement Permit subject to revocation.

This instrument was prepared by: Larry Thompson
Mail after recording to: 700 N. Tryon St. Suite 211
Charlotte NC. 28202

mp

- Do not grade, cut, fill, pave, construct a building or deck, dig a well, install a swimming pool or otherwise cover or disturb the soil (except for planting and maintaining grass or other ground covers) in a manner which will adversely affect the repair area or area where the septic tank system is located.

- When a private certified operator is required, no improvement permit for the designated repair shall be issued unless there is a private certified operator to carry out this management program in the service area where the proposed system is to be located. (Refer to Rule .1961, "Maintenance of Sewage Systems," for further information.)

- Additional fees will be required according to the Mecklenburg County user fee schedule applicable at the time for the issuance of a repair permit for any subsequent repairs to the sewage treatment and disposal system or for installation of a replacement system.

- At the time repairs to the sewage treatment and disposal system are to be made or a replacement system installed, the regulations in effect at that time will govern the repairs or installation of a replacement system.

The undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department, its employees, and officials, as well as Mecklenburg County and its employees and officials, for any damages or other claims of any person or persons whatsoever arising out of the installation, operation, or failure of said septic tank system.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the name or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

IN WITNESS WHEREOF, the undersigned has hereunto set his hand and seal, or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers and its seal to be hereunto affixed by authority of its Board of Directors, this _____ day of _____, 199__.

_____ _____ (SEAL)
(Corporate Name)

_____ (SEAL)

By: Joseph David Rogers _____ (SEAL)

_____ President _____ (SEAL)

ATTEST:

_____

_____ Secretary

(Corporate Seal)

STATE OF NORTH CAROLINA
COUNTY OF Mecklenburg

I, Jan P. Wolfzorn, a Notary Public for said County and State, do hereby certify that Joseph David Rogers personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this 18 day of November, 1998.

Jan P. Wolfzorn
Notary Public

My Commission Expires:
3-22-03

RBCWM:24751_1/8-30-95

STATE OF NORTH CAROLINA
COUNTY OF _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally came before me this day and acknowledged that _he is _____ Secretary of _____ _____, a North Carolina corporation, and that by authority duly given and as the act and deed of said corporation, the foregoing instrument was signed in its name by its _____ President, sealed with its corporate seal and attested by _____ as its _____ Secretary.

WITNESS my hand and notarial seal, this _____ day of _____, 199__.

_____
Notary Public

My Commission Expires:

_____

JUDITH A. GIBSON
REGISTER OF DEEDS , MECKLENBURG COUNTY
COUNTY & COURTS OFFICE BUILDING
720 EAST FOURTH STREET
CHARLOTTE NC 28202

****

Filed For Registration: 11/18/1998 02:47 PM

Book: RE 10049 Page: 500-504

Document No.: 1998181631

AGMT 5 PGS $14.00

Deputy: MELISSA DOHMAN

****

State of North Carolina, County of Mecklenburg

The foregoing certificate of JEAN L. WOLLBRINCK Notary is certified to be correct. This 18TH of November 1998

JUDITH A. GIBSON, REGISTER OF DEEDS By: Melissa D Dohman
Deputy/Assistant Register of Deeds

****

1998181631

FEE: _____ **AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION**
DATE: _____ **VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE**

DATE: 11-17-98 PERMIT NO: 2743 B
PARCEL NO: 205-114-01

JOB LOCATION ADDRESS: 9039 Gump Road
PROPERTY OWNER: Joe Rogers
BUILDING CONTRACTOR: _____
SUBDIVISION NAME: _____
AUTHORIZATION ISSUED BY: Danny B. Thompson Jr. DATE: 11-17-98
DEHNR AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 2743B, 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, CONSTRUCTION, ALTERATION AND/OR REPAIR 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 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 AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. OTHER CONDITIONS: See Conditions of Improvement Permit.

OWNER CERTIFICATION

I CERTIFY THAT THERE HAVE BEEN NO ALTERATIONS IN SITE OR SOIL CONDITIONS OR MODIFICATIONS TO FACILITY, WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS FROM THOSE SPECIFIED IN THE ORIGINAL APPLICATION OR ASSOCIATED IMPROVEMENT PERMIT UNLESS AUTHORIZED IN WRITING BY THE MECKLENBURG COUNTY HEALTH DEPARTMENT. I ALSO UNDERSTAND THAT ANY SUCH ALTERATIONS, MODIFICATIONS, OR FALSE INFORMATION ARE GROUNDS FOR REVOCATION OF PERMITS AND AUTHORIZATION TO CONSTRUCT.

Joseph Rogers 11/18/98
SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE DATE

Permit Number: 2743B

Tax Number: 205-114-01

- The 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.

Basement	___ Yes	✓ No	___ Partial Basement	
Type Primary Wastewater System Type (circle one): 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: ___ IWWS-93-1 ___ IWWS-93-2 ___ IWWS-94-1	
.225 Long-term acceptance rate	175 Max gallons/day wastewater flow	582 Absorption Area (sq ft)	9' Trench spacing (min. on centers)	
N/A Serviced by private well	1500 Gallon septic tank	194 Total trench length (ft)	30" Maximum trench depth (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions)	
N/A Bedrooms in residence 7employees	1000 Gallon pump tank	N/A Depth of stone Innovative		
Any surface waters present:	Type:	Minimum separation distance:		
Site modifications required: Group I, II or III soil				
Additional Conditions: - ~~Sand~~ backfill is required if using chambered system - Simplex control panel (Nema4x) is required. Of this must house pump connections as well as alarm in one unit at the pump ta - Agreement forms required.				
Repair Area System Type Type (circle one): 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: ___ IWWS-93-1 ___ IWWS-93-2 ___ IWWS-94-1	
582 Absorption Area (Sq ft) 194 Total Trench Length (Ft)	N/A Depth of Stone Trench INNOVATIVE	9' Trench spacing (min. on centers)	30" Maximum Trench Depth	
For existing system, enter the year originally installed:				

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the Request for I Job Location contained in this document. This approval is granted in accordance with the provisions of Laws and Rules For Sewage, Treatment and Disposal in effe 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 Departme
- This Improvement permit is transferable.

Larry B. Thompson, R.S. 11-17-98
DEHNR Authorized Agent — Date

Joseph Rogers 11/18/98
Owner/Agent Signature — Date

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

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

FEE: 100.00 CK

DATE: 11/5/98 SC

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

#1 (400) 1 CRT

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 #: 27438

PROJECT TRACKING #:

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 205-114-01

STREET ADDRESS: 9039 Crump Rd. Pineville NC 28

LOT NUMBER:

X COMMERICAL ___ INDUSTRIAL

DESCRIBE TYPE OF BUSINESS: Insurance Office

Square Footage of Facility:

NUMBER OF EMPLOYEES: 7 PER SHIFT: ___ ___ ___

TOWNSHIP (CHECK ONE):

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

$10

HOW WILL WATER BE USED IN THE FACILITY:

X TOILETS/URINALS
X HANDSINK
___ SHOWERS
___ FLOOR DRAINS

OTHER, PLEASE DESCRIBE:

Checked 11-11-96 consultants approval
concur w/

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

concur w/ T. Jacobs soil

TYPE OF WASTEWATER:

___ SEWAGE
___ INDUSTRIAL PROCESS WASTE WATER

IF EXPANSION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED ADDITION: report in file dwbm 11/11/98.

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: Joe Rogers

NAME: Rogers Joseph D
(LAST) (FIRST) (MI)

ADDRESS: 5520 Rehobeth Rd

CITY: Waxhaw STATE: NC ZIP: 28173

DAYTIME PHONE: ( ) 568 - 4129

LEGAL (AGENT) FOR PROPERTY OWNER, IF APPLICABLE:

NAME:
(LAST) Jacobs (FIRST) Toney (MI)

DAYTIME PHONE: (704) 663 - 6905

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: Toney C Jacobs (PSS (agent) DATE: 11-5-98

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

FEE: 100.00 CK

DATE: 11/5/98 JC

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

[redacted]

1 | CRT

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

[redacted]

FILE #: 27436

PROJECT TRACKING #:

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 205-114-01

STREET ADDRESS: 9039 Crump Rd. Pineville NC 28

LOT NUMBER:

TOWNSHIP (CHECK ONE):

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

X COMMERICAL ___ INDUSTRIAL

DESCRIBE TYPE OF BUSINESS:

Insurance Office
Square Footage of Facility:

NUMBER OF EMPLOYEES: 1 PER SHIFT: ___ ___ ___

HOW WILL WATER BE USED IN THE FACILITY:

X TOILETS/URINALS
X HANDSINK
___ SHOWERS
___ FLOOR DRAINS

OTHER, PLEASE DESCRIBE:

Field checked T. Jacobs soil report 11-11-98, Conventional

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

Tom. M. R. Medlin 11-11-98

TYPE OF WASTEWATER:

___ SEWAGE
___ INDUSTRIAL PROCESS WASTE WATER

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: Joe Rogers

NAME: Rogers Joseph D
(LAST) (FIRST) (MI)

ADDRESS: 5520 Rehobeth Rd

CITY: Waxhaw STATE: NC ZIP: 28173

DAYTIME PHONE: ( ) 568 - 4129

LEGAL (AGENT) FOR PROPERTY OWNER, IF APPLICABLE:

NAME:
(LAST) Jacobs (FIRST) Toney (MI)

DAYTIME PHONE: (704) 663 - 6905

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: Toney C Jacobs CPSS (agent) DATE: 11-5-98

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: 110.00 pd

DATE: 11/5/98 C

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

#1

1 | CRT

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 #: 27438

PROJECT TRACKING #:

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 205-114-01

X COMMERICAL ___ INDUSTRIAL

STREET ADDRESS: 9039 Crump Rd. Pineville NC 28

DESCRIBE TYPE OF BUSINESS: Insurance Office

Square Footage of Facility:

LOT NUMBER:

NUMBER OF EMPLOYEES: 7 PER SHIFT: ___ : ___ ___

TOWNSHIP (CHECK ONE):

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

8/10

HOW WILL WATER BE USED IN THE FACILITY:

X TOILETS/URINALS
X HANDSINK
___ SHOWERS
___ FLOOR DRAINS

OTHER, PLEASE DESCRIBE:

Checked 11-11-98 consultants approved
concur w/

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

TYPE OF WASTEWATER:
___ SEWAGE
___ INDUSTRIAL PROCESS WASTE WATER

concur w/ T. Jacobs soil report in file dated 11-11-98.

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

___ WETLANDS ___ YES ✓ NO

11-11-98 - Soils report from Tony Jacobs is in file - I concur w/ it

WASTEWATER DISCHARGE AND GRADING PLANS

OR PROPERTY OWNER, IF APPLICABLE:

obs (FIRST) Toney (MI)

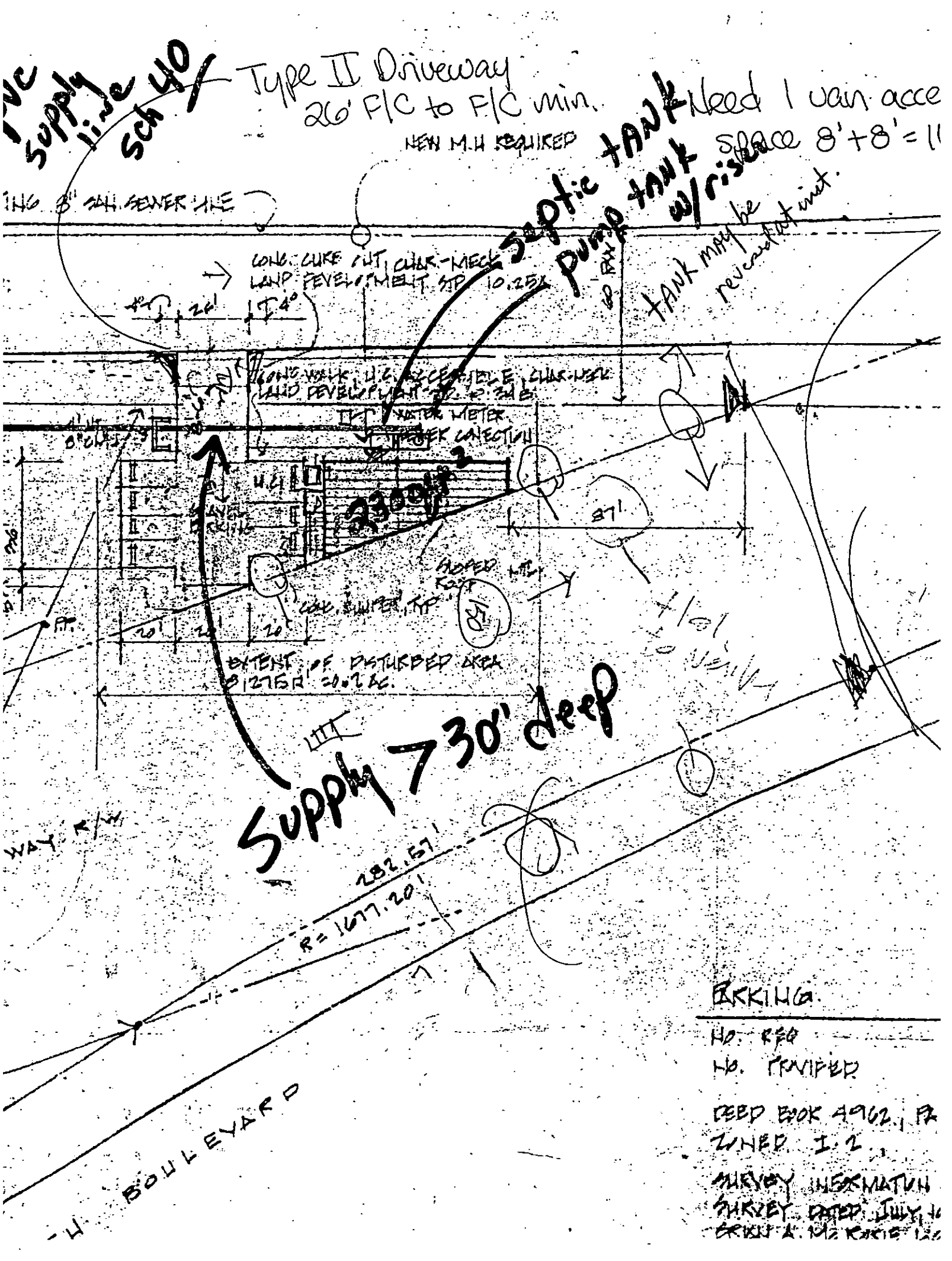
: (704) 663 - 6905

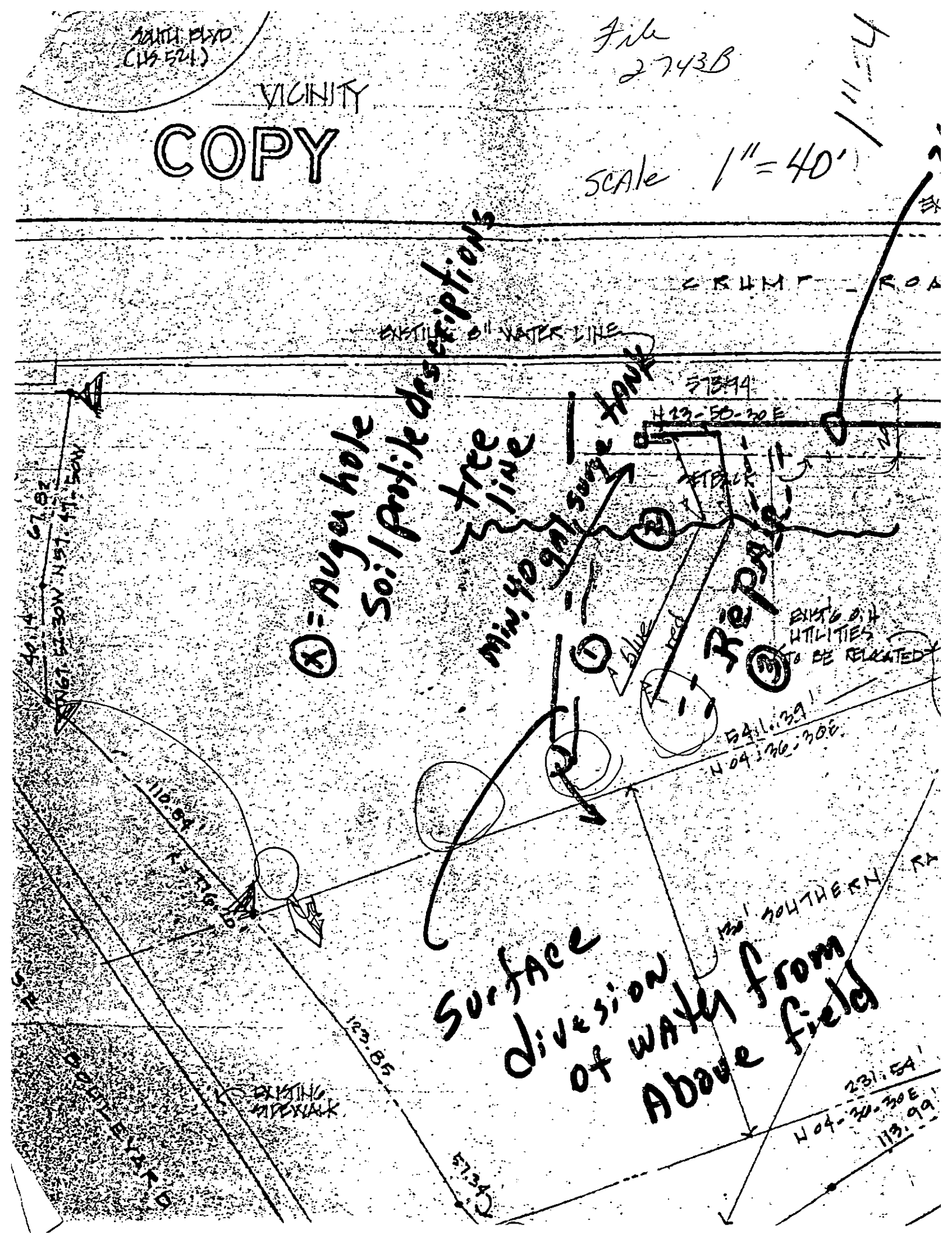
DESCRIBED ABOVE AS THE "JOB LOCATION" HAS
IE ARE TRUE, AND AUTHORIZES AGENTS OF THE
. THE PURPOSE OF PROCESSING THIS REQUEST.

SIGNED: Tony C Gant CPSS (agent)

DATE: 11-5-98

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION


PVC supply line sch 40
Type II Driveway
26' F/C to F/C min.
NEW M.H REQUIRED
Need 1 van acce
space 8'+8'=1
ING 8" SAN. SEWER LINE
septic TANK
pump TANK w/riser
TANK may be relocated if nec.
CONC. CURB CUT, CURB-MECH LAND DEVELOPMENT STD. 10.25A
4'
24'
4'
CONC. WALK, U.C. ACCESSIBLE, CURB-MECH LAND DEVELOPMENT STD. 10.24B
WATER METER
BACK CONNECTION
8" DWG.
U.C.
2300 sf
87'
SLOPED TO ROOF
CONC. SWALE, TYP.
20'
2'
20'
EXTENT OF DISTURBED AREA
±1.75 AC.
Supply 730' deep
WAY
282.57'
R=1677.20'
BOULEVARD
PARKING
NO. REQ
NO. PROVIDED
DEED BOOK 4962, PA
ZONED I-2
SURVEY INFORMATION
SURVEY DATED: JULY, 1
ERVIN A. MAYNARD


SOUTH BLVD
(CHS 524)
VICINITY
COPY
File
2743B
SCALE 1" = 40'
EXISTING 8" WATER LINE
EXISTING 8" SEWER LINE
EXISTING TREE LINE
MIN. HOGANSON TANK
EXISTING FENCE
EXISTING SIDEWALK
EXISTING UTILITIES TO BE RELOCATED
A Blue
B Red
Repair
Surface Diversion of Water from Above field
S73°14'
N13-50-30E
N04-36-30E
231.54'
113.99'
110.84'
123.85'
S73°14'
N04-36-30E
54.39'
N04-36-30E
27.82'
N04-36-30E
SOUTHERN RA
COUNTY ROAD

DATE Nov. 5, 1998

TO: CHARLOTTE-MECKLENBURG BUILDING STANDARDS
PERMIT ISSUING SECTION

FROM: MECKLENBURG COUNTY ENGINEERING

JURISDICTION Char

205-114-01
PARCEL NUMBER

9039 Crump Rd
ASSIGNED STREET ADDRESS (ADDRESS OF RECORD)

EXISTING STREET ADDRESS (IF DIFFERENT FROM ASSIGNED)

N/A
PROJECT NAME (IF APPLICABLE)

THE ABOVE DESCRIBED LOCATION HAS BEEN CHECKED CONCERNING:

1. SUBDIVISION REGULATIONS	_____APPROVED	_____NOT APPROVED
2. FLOODWAY REGULATIONS	_____APPROVED	_____NOT APPROVED
3. WATERSHED PROTECTION	_____APPROVED	_____NOT APPROVED
4. COMMERCIAL DRAINAGE PLAN	_____APPROVED	_____NOT APPROVED
5. PUBLIC UTILITY EASEMENT	_____PRESENT	_____NOT PRESENT
6. PROPERTY FRONTS ON THOROUGHFARE	_____YES	_____NO
7. DRIVEWAY PERMIT REQUIRED	_____YES	_____NO
8. DOES PROJECT CONFLICT WITH ROAD PROJECT?	_____YES	_____NO

REMARKS: ~~Sewer~~ Septic Tank

NOTE: THIS FORM MUST BE TURNED IN AT THE CASHIERS OFFICE WHEN PAYING PERMIT FEE. CERTIFICATE OF OCCUPANCY WILL NOT BE GRANTED UNTIL TRANSPORTATION DIVISION GRANTS FINAL APPROVAL ON DRIVEWAY(S).

ALL OTHER FORMS OBSOLETE

☐ NEW ADDRESS

SIGNED: Dary A. Hunsucker

REVISED 1/91

MECKLENBURG CO REG OF DEEDS
720 EAST FOURTH STREET
CHARLOTTE, NC 28202
(704)336-2443

ISSUED TO:LARRY THOMPSON

RECEIPT # 003917
DATE 11/18/1998

TIME	BOOK	PAGE		FEE
14:47	10049	500	1998181631	
AGMT				14.00
COPY,FILINGCOPY				1.40
Total Amount Due				$15.40
CASH				20.00
Total Payments:				$20.00
Change Issued:				$4.60

THANK YOU
JUDITH A. GIBSON
REGISTER OF DEEDS
Deputy: DOHMAMG