CITY OF LINCOLN
NEBRASKA

MAYOR CHRIS BEUTLER
lincoln.ne.gov

Lincoln-Lancaster County
Health Department
Bruce D. Dart, Ph.D., Health Director
3140 "N" Street
Lincoln, Nebraska 68510-1514
402-441-8000
TDD: 402-441-6284
fax: 402-441-8323
health@lincoln.ne.gov

December 3, 2007

Mr. Tracy Stake, Division Manager
Lottman Carpenter Construction Company
9930 North134th Street, Suite B
Waverly, NE 68462

Subject: Variance Request for Lot 1, 12015 Highway 6, Waverly, NE CASE HS000054

Dear Mr. Stake:

The Lincoln-Lancaster County Health Department (LLCHD) has received your variance request.

This variance requests that LLCHD give approval to allow the installation of an onsite wastewater system that consists of a septic tank and absorption field on a lot less that the required minimum lot size of three acres (3), as required by County Resolution (CR) 02-30 Procedures for the Regulation of Onsite Wastewater Treatment Systems.

In order to grant a variance in accordance with the requirements of CR 02-30 and CR 02-31 Design Standards, the Health Director must give consideration to all the facts, relative interests of the applicant, and other owners of property likely to be affected by the discharges, and the general public.

You have provided the following information to LLCHD for consideration:

1. The proposed lot size is less than (3) three acres. The actual lot size is 1.31 acres.
2. Percolation test results (36 minutes/inch) were conducted by Claude Oie, PE3939. Based on these results, the soil would appear to be suitable for a standard onsite wastewater.
3. Mr. Oie has stated that 300 square feet of absorption field would be sufficient for the projected volume of sewage that will be generated from these facilities.
4. The facilities consist of an entryway, office, storage area, with a restroom equipped with low flush toilet and a large garage area. The facilities do not include a kitchen or employee shower facilities
5. A full time employee will not occupy the facility. At most, as indicated in your request, you will be in the premise about 30 hours a week.
6. The property is within the one-mile jurisdiction of the City of Waverly.

LLCHD, along with the onsite installer, Mr. Mike Dietz of Waverly Plumbing inspected the proposed system installation site and reserve area. Sufficient area exists to install the proposed system and a system in the reserve area and meet

LINCOLN
The Community of Opportunity

all set back requirements. Based on that inspection and the system design, it appears that the onsite wastewater system can be installed in conformance with the Design Standards.

The Nebraska Department of Environmental Quality (NDEQ) has been contacted. Since the percolation test results indicate a passing rate, Title 124 does not require a minimum lot size, therefore, NDEQ will not require a variance.

In consideration of the above, the Health Director finds as follows:

1. The variance will not substantially reduce the capability or capacity of the onsite wastewater system to treat sewage.

Based on these findings, a variance is hereby granted for a period of 10 years from the date of final onsite wastewater system inspection and approval. If after 10 years from date of final approval, the City of Waverly has not provided city sewer, this variance must be renewed. In order to renew the variance, re-application will have to be made. As part of that application you will need to document that staffing and estimated loading has not significantly changed, demonstrate that the system has not failed during the 10 years and that city sewer is not available.

Issuance of the variance is subject to the following conditions:

1. If LLCHD determines that the health of the public is adversely affected or that it is in the public interest to do so, this variance will be revoked.
2. The issuance of this variance shall not be construed to prevent or limit the authority of the Health Director to cause abatement of pubic health nuisance conditions or take legal action.
3. The proposed system will be located in the City of Waverly. The system will be connected to the City of Waverly's sanitary sewer when it becomes available.
4. In the future, if the lot is sold prior to connecting to the city sewer you agree to advise the buyer of the existence of this variance. You will need to submit this agreement prior to the issuance of the on-site wastewater permit.

This Department must be notified within 14 days of any change of use that could significantly increase sewage flow to the system. Examples of these types of changes would include, but not limited to, the installation of showers and locker room facilities, addition of food preparation area or addition of one or more full time employees.

Thank you for your efforts and cooperation with LLCHD staff. We are pleased to have the local flexibility to allow this variance. Should you require any additional information please contact John Chess, Water Quality Supervisor, 441-8027.

Sincerely,

Bruce D. Dart, PhD
Health Director

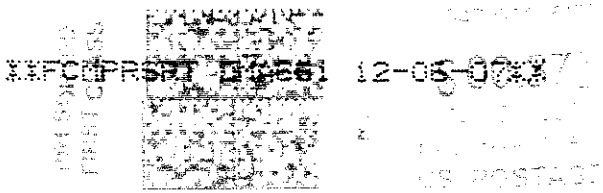
cc: EPH case file, LLCHD
John Chess, LLCHD



Lincoln-Lancaster County
Health Department
3140 "N" Street
Lincoln, NE 68510-1514

CITY OF LINCOLN
NEBRASKA
MAYOR CHRIS BEUTLER
lincoln.ne.gov

RETURN SERVICE REQUESTED



DEC 10 2007

~~TRACY STAKE DIVISION MGR~~
LOTTMAN CARPENTER CONSTRUCTION
9930 NO 134TH ST SUITE B
WAVERLY NE 68462

681 D5E 1 B07C 70 12/08/07
RETURN TO SENDER
:LOTTMAN CARPENTER CONST
12015 HIGHWAY 6
WAVERLY NE 68462-9647

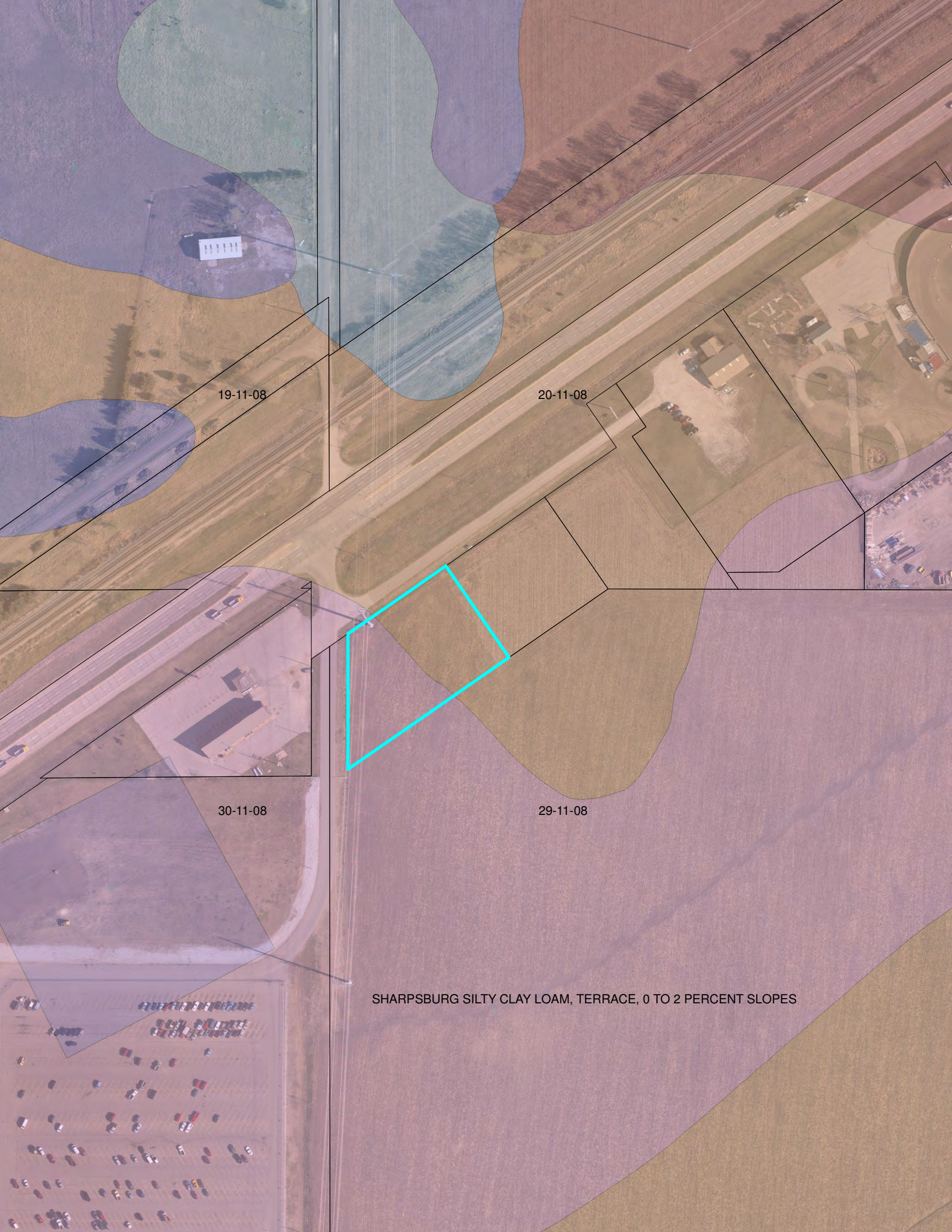
RETURN TO SENDER

LINCOLN
The Community of Opportunity

JANIS11 68510@1514

LLCHD HS000054

12-10-2007 14:9:9


19-11-08
20-11-08
30-11-08
29-11-08
SHARPSBURG SILTY CLAY LOAM, TERRACE, 0 TO 2 PERCENT SLOPES

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8022

A

Permit Number H50000554

Onsite Wastewater Treatment System Request for Site Clearance and Permit

Include Form B and C. Submit correct fee with this Application

3 acres or more required for: ☑ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

PLEASE PRINT OR TYPE

A. Onsite System Location

Address 12015 Hwy 6 (no rural route) City Waverly, NE Zip 68462

Legal Description ____ Morton Office Park #1

1/4 1/4 Section Township Range Subdivison Addition Block Lot

Geographical Location (if known): Longitude:____ Latitude:____

☐ Check if system mail address is not the same as the owner's address Total Acres:____

B. Owner

Name Lattman Carpenter Const. Co. Signature Tracy Stake

Address 12015 Hwy 6 City/State/Zip Waverly, Ne. 68462

☐ Check if owner designed system Home Phone____ Work Phone 402-239-8022

C. Contractor

Name: Same as Owner Company Name____

Address____ City/State/Zip____

☐ Check if contractor designed system Work Phone____

D. Engineer/Installer ☐ Check and complete if engineer designed system

Designer Name Mike Dietz Firm Waverly Plumbing & Well Work Phone 402-560-2923

E. This system will serve a

☐ Residential Dwelling Number of Bedrooms____ Is there a Whirlpool Bathtub? ☐ Yes ☐ No

☑ Commercial Establishment/Other Facility Specify____ Design flow in gallons per day____

Type of Wastewater ☐ Domestic ☐ Non-Domestic Well Permit Applied for ☐ Yes ☐ No ☐ Not Applicable

DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☑ County Resolution No. 02-30

1. Health Department
Site visits 12/5/07 D.C.
Date rec'd 12/5/07
Date frwd 12/5/07
ACTION ☑ Approved ☐ Disapproved
Signature ____

2. Supt. Bldg. Insp. or Village Clerk
Comments ____
Date rec'd ____
Date frwd ____
ACTION ☐ Approved ☐ Disapproved
Signature ____

3. City or County Engineer
Comments ____
Date rec'd ____
Date frwd ____
ACTION ☐ Approved ☐ Disapproved
Signature ____

Installation Final Written Approval
By Doug Amen
Date 12/6/07

Business Office Use Only
Date Received 12/6/07 Amount Paid 170.00
Received By SM Cash/Check No. 6460
12/6/07 SM $305.00 6502

White - Health Department Yellow - Engineer Pink - Building & Safety

Form A Updated: 5-07

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

B

Permit Number:

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address Hwy 6 (no rural route) City Waverly NE, Zip 68462

Owner _____ Addresss _____

Soil Type (SCS): Peorian Clay ?.? - Fill (clean) Percolation Rate: 40 min./inch

Date of Tests 8/11 to 8/12 Weather: Precipitation None Temperature 100

Percolation Test Data Table

A.	B.	C. D. E. F. Pre-Saturation Period				G. H. I. J. K. Percolation Readings					L. M. N. Results		
		Start		End		Start			End				
Hole No.	Hole Depth (in)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Water Lev (in.)	Date (Mo/Da)	Time (Hr/Min)	Elapsed Time (Min)	Water Level Drop (in)	Percolation Rates (Min/in)
1	39	8/11	10:30	8/12	3:00	8/12	6:30	34 1/4	8/12	7:00	30	3/4	40
2	36	8/11	10:30	8/12	3:00	8/12	6:30	33 1/4	8/12	7:00	30	3/4	40
3	37	8/11	10:30	8/12	3:00	8/12	6:30	31 1/2	8/12	7:00	30	1	30
4	39	8/11	10:30	8/12	3:00	8/12	6:30	32 3/4	8/12	7:00	30	7/8	34
5	38	8/11	10:30	8/12	30:00	8/12	6:30	33 1/2	8/12	7:00	30	1	30
6	39	8/11	10:30	8/12	3:00	8/12	6:30	33 1/8	8/12	7:00	30	3/4	40
	Recommendation												
	System is for Small office 4 to 5 People Max Similar to												
	1 Bedroom Dwelling use 300 sq ft of lateral												

Sum of Percolation Rates: 214

Average of Rates: 36

Rate Used for Calculation: _____

Person Conducting Percolation Tests

Name: CLAUDE OTT PE-3939

Phone: 402 486-4444

Address 6645 So 66th St.

Lincoln Ne. 68516

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

FORM 23-101 10-96

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 12-4-07

System Location (Indicate correct number and street)

Address 12015 Hwy 6 (no rural route) City Waverly NE, Zip 68462

A. Building Sewer

1. Material: PVC SPR-26
   Diameter: 4" in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 40 in.
3. Distance between dwelling and septic tank: 22 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line NA ft.
   stream NA ft.
   pressure line 100' ft.
   property line 30 ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: _____
2. Capacity: 1000 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 6 in.
   Over outlet, diameter 6 in.
   Riser: ☐ above ☐ below grade Even in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 24 in.
8. Distances to: Well or suction line 80 ft.
   Stream NA ft.
   Pressure line 80 ft.
   Property line 30 ft.

C. Distribution Box

1. Material: None
   Number available outlets: _____
2. Factory built: ☐ Yes ☐ No
3. Distance from septic tank: _____ ft.

D. Absorption Field

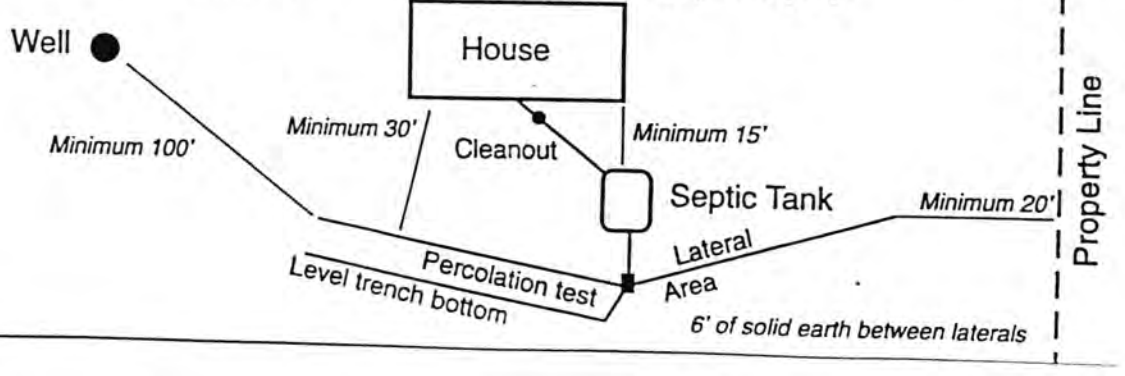
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round: Hi Cap Infiltrator
   or perforated pipe: _____
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 1
   Length of each line: 80 ft. _____ ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 3' ft.
   Slope 0 in/100 ft.
   Average depth 40 in
4. Filter material: gravel
   Depth of material 30 in.
5. Distances to: Well or suction line 100 plus ft.
   Stream N/A ft.
   Pressure line N/A ft.
   Property line ~~80~~ 38 ft.

Indicate North with Arrow

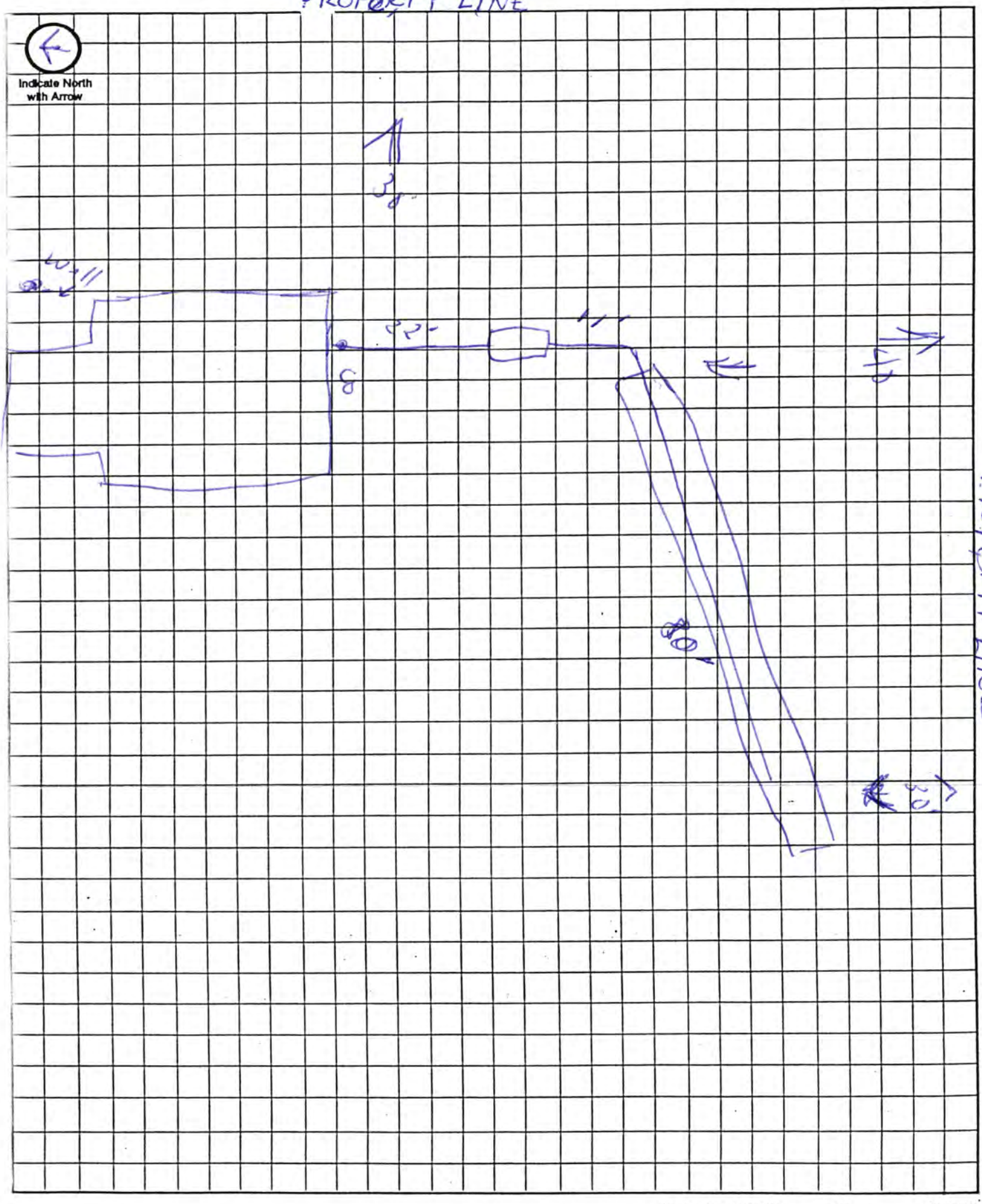
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



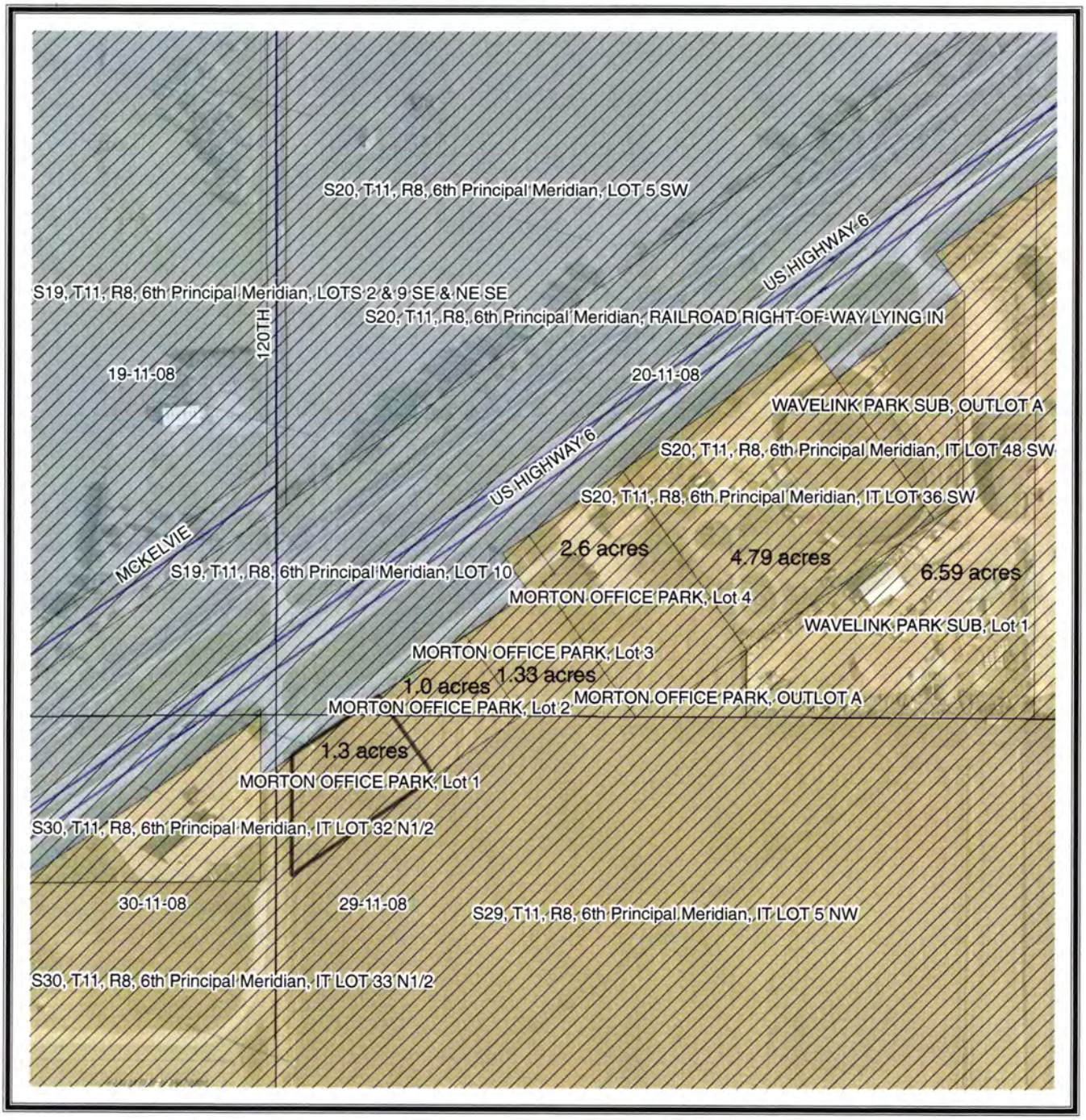
FORM 23-103 10-96

As Built Drawing



Approximate Scale: _____ ft. = _____ grid line/s

Lottman Carpenter Const. Co. Property



0 175 350 700 Feet

November 20, 2007
LLCHD

Source M:\records

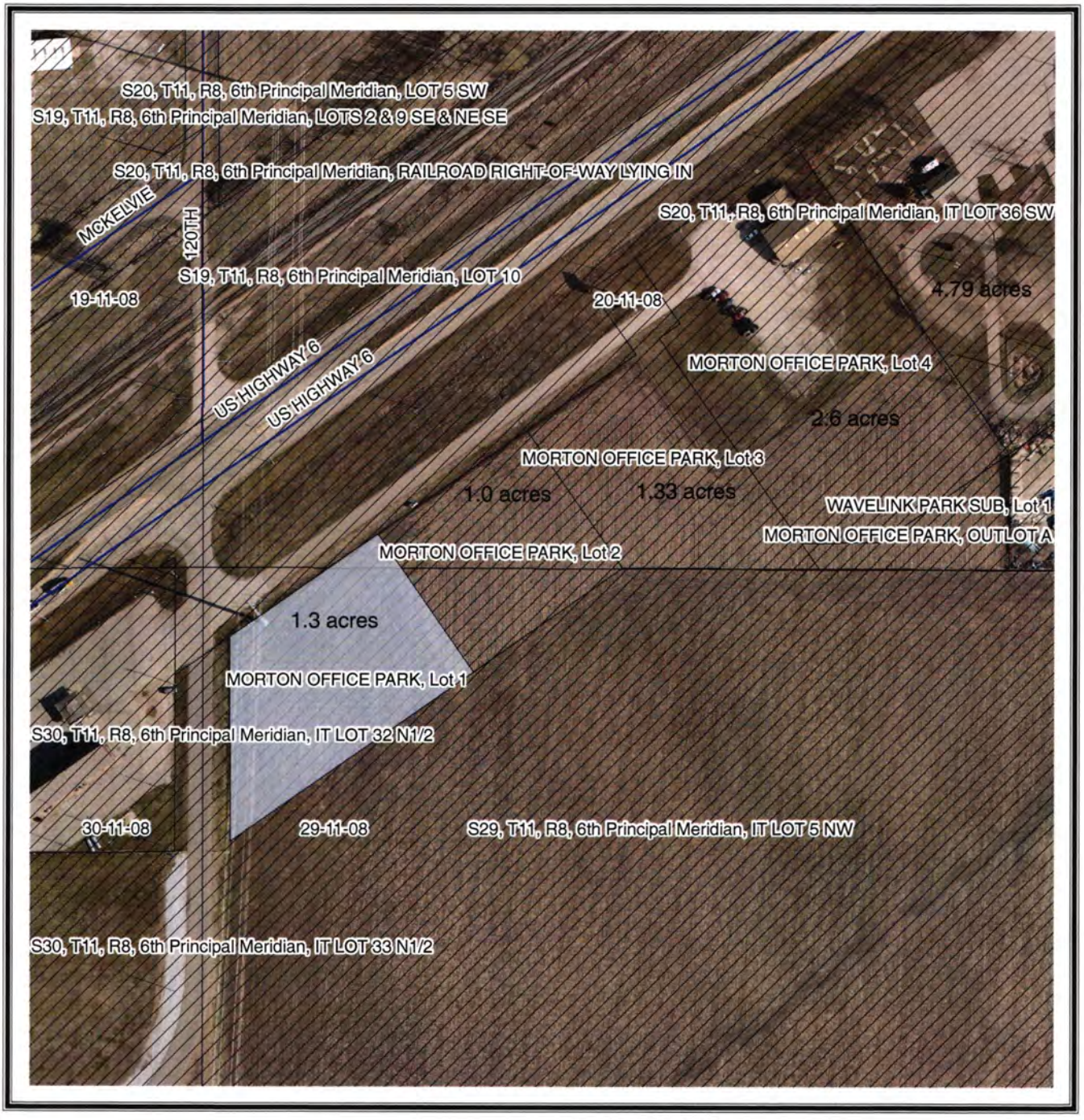
Legend

- 12015 Hwy 6
- Lin3mileLimit_06_01_07
- streets arc
- Waverly Village Limits
- Waverly 1 mile Zone

N
W E
S

LINCOLN LANCASTER COUNTY HEALTH DEPARTMENT

Lottman Carpenter Const. Co. Property



0 100 200 400 Feet

November 8, 2007
LLCHD

Source M:\records

Legend

- 12015 Hwy 6
- Lin3mileLimit_06_01_07
- streets arc
- Floodprone031507
- **flood polygon**
- **POLY-CODE**
  - 100 year
  - Flood Plain
  - 500 year

N
W E
S

LINCOLN LANCASTER COUNTY HEALTH DEPARTMENT

October 26, 2007

John Chess
Water Quality Program Supervisor
Lancaster County Health Dept.

John,

I would like to request a sewage disposal variance for Lot 1 of the Morton Office Park located just "East" of the Interstate 80 overpass on Hi-way 6 on your way to Waverly. This development is in the Waverly city limits and the city of Waverly issued the building permit. The address of our lot is 12015 Hi-way 6. The lot size is 1.31 acres and the City of Waverly does not have utilities run out that far at this time but they have assured me that the "services" are coming. This septic system, in my opinion, would only be seen as a temporary system.

This is the last lot in this "development". The developer, "Morton Buildings" built a new facility in 2005 and they have a septic system and have several people in their office full time. Our facility will have no kitchen, will have low flush toilet and there will be no "full time" office people. I will be there around 60% of the business day & I have an office assistant that work around 3 hours a day, 4-5 days a week. The building is only 2,592 sf., so there would be plenty of room for a backup system if needed.

Mike Dietz, Waverly Plumbing & Well is doing all of the plumbing, and will install the septic system & laterals if accepted. He is a "Registered Master" installer of septic systems in Lancaster County. I am enclosing the "perk" test results.

Please call me with any questions, concerns or if other information is needed.

Thank you for all your time,



Tracy Stake 402-239-8022
Divisional Manager/Lottman Carpenter Const. Co.
Waverly, Nebraska