Lincoln-Lancaster County Health Department

ENVIRONMENTAL HEALTH DIVISION
3140 N STREET · LINCOLN, NE 68510-1514 (402) 441-8000

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 00380224201

Issued 09/20/00
Expires 03/20/01
Revenue Code 3157

Establishment

SCOTT TALLMAN
T9N R7E SEC 33 QTR NE
LOT 37
6421 ROKEBY RD

FEES: $200.00

Permitee

SCOTT TALLMAN
2540 WOODSCREST AVE
LINCOLN NE 68502

TOTAL: $200.00

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

013752

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

A

Permit Number: 00380224 2

Sewage Disposal System

Request for Site Clearance and Permit

Include Form B, Form C and Applicable Fees with this Application.

☒ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Sewage Disposal System in conformance with appropriate resolution or ordinance, as described herein:

PLEASE PRINT OR TYPE

A. System Location (Indicate correct number and street)

Address 6421 ROKEBY ROAD (no rural route) City LINCOLN NE, Zip 68516

Legal Description Lot 37 NE¼ S33, T9N R7E
1/4 1/4 Section Township Range Subdivision Addition Block Lot

Geographical Location (if known): Longitude _____ Latitude _____

☐ Check if system mail address is not the same as the owner's address

B. Owner

Name SCOTT & LAURIE TALLMAN Signature Scott D. Tallman

Address 2540 WOODSCREST City/State/Zip LINCOLN, NE 68502

☐ Check if owner designed system Home Phone 402-438-5982 Work Phone SAME

C. Contractor

Name Herold Casement Company Name Capital City Trenching

Address 2141 W. Plum City/State/Zip Lincoln, Ne. 68522

☐ Check if contractor designed system Work Phone 432-2494

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

Designer Name _____ Firm _____ Work Phone _____

E. This System Will Serve a

☒ Residential Dwelling Number of Bedrooms 3 Is there a Whirlpool Bathtub (YES) NO

☐ Commercial Establishment/Other Facility Specify _____

Design flow in gallons per day 240 Type of Wastewater: ☒ Domestic ☐ Non-Domestic.

DO NOT WRITE BELOW THIS LINE

Approval Process ☒ Municipal Code 24.38 ☐ County Resolution No. 2832

1. **Health Department**
   Date rec'd 9/20/00
   Date frwd 9/20/00
   ACTION ☒ Approved ☐ Disapproved
   Signature Jerrold C. Hood

2. **Supt. Bldg. Insp. or Village Clerk**
   Date rec'd 9-20-00
   Date frwd 9-20-00
   ACTION ☒ Approved ☐ Disapproved
   Signature _____

3. **City or County Engineer**
   Date rec'd 9/20/00
   Date frwd 9/20/00
   ACTION ☒ Approved ☐ Disapproved
   Signature _____

10/31/00 Tank, sewer, bypass + lateral, j.c.k.

Installation Final Written Approval

By _____

Date 11/2/2000

Business Office Use Only
Date Rec'd 9/20/00
Amt Paid 200.00
Rec'd By _____ Cash/Check No. 3712

FORM 23-100 10-96 White - Health Dept. Yellow - Engineer Pink - Bldg. Inspector

Soil Absorption Test Data Report

Percolation Test Data

		Saturation Period				Percolation Readings						Results		
Hole No.	Hole Depth (in.)	Start Date Mo./Day	Time	End Date Mo./Day	Time	Start Date Mo./Day	Time	Depth to Water (in.)	End Date Mo./Day	Time	Depth to Water (in.)	Elapsed Time (min.)	Water Level Drop in.	Perc. Rates (min./in)
1	36"	06/29/99	10:00 AM	06/30/99	8:02 AM	06/30/99	8:15 AM	23.250	06/30/99	8:45 AM	25.375	30	2.125	14.1
						06/30/99	8:45 AM	20.750	06/30/99	9:15 AM	23.375	30	2.625	11.4
						06/30/99	9:15 AM	21.250	06/30/99	9:45 AM	23.250	30	2.000	15.0
						06/30/99	9:45 AM	21.000	06/30/99	10:15 AM	23.125	30	2.125	14.1
						06/30/99	10:15 AM	20.000	06/30/99	10:45 AM	22.125	30	2.125	14.1
						06/30/99	10:45 AM	20.125	06/30/99	11:15 AM	22.375	30	2.250	13.3
						06/30/99	11:15 AM	19.375	06/30/99	11:45 AM	21.625	30	2.250	13.3
						06/30/99	11:45 AM	20.500	06/30/99	12:15 PM	22.500	30	2.000	15.0
2	36"	06/29/99	10:00 AM	06/30/99	8:04 AM	06/30/99	8:17 AM	22.625	06/30/99	8:47 AM	22.625	30	0.000	0.0
						06/30/99	8:47 AM	22.625	06/30/99	9:17 AM	23.250	30	0.625	48.0
						06/30/99	9:17 AM	23.250	06/30/99	9:47 AM	23.250	30	0.000	0.0
						06/30/99	9:47 AM	22.000	06/30/99	10:17 AM	22.250	30	0.250	120.0
						06/30/99	10:17 AM	22.250	06/30/99	10:47 AM	22.250	30	0.000	0.0
						06/30/99	10:47 AM	22.250	06/30/99	11:17 AM	22.375	30	0.125	240.0
						06/30/99	11:17 AM	22.375	06/30/99	11:47 AM	22.375	30	0.000	0.0
						06/30/99	11:47 AM	22.375	06/30/99	12:17 PM	22.375	30	0.000	0.0
3	36"	06/29/99	10:00 AM	06/30/99	8:06 AM	06/30/99	8:20 AM	22.500	06/30/99	8:50 AM	29.125	30	6.625	4.5
						06/30/99	8:50 AM	22.250	06/30/99	9:20 AM	27.250	30	5.000	6.0
						06/30/99	9:20 AM	20.500	06/30/99	9:50 AM	26.250	30	5.750	5.2
						06/30/99	9:50 AM	20.250	06/30/99	10:20 AM	25.750	30	5.500	5.5
						06/30/99	10:20 AM	21.625	06/30/99	10:50 AM	26.250	30	4.625	6.5
						06/30/99	10:50 AM	20.000	06/30/99	11:20 AM	25.250	30	5.250	5.7
						06/30/99	11:20 AM	20.875	06/30/99	11:50 AM	25.250	30	4.375	6.9
						06/30/99	11:50 AM	20.750	06/30/99	12:20 PM	25.500	30	4.750	6.3

Project:	**Tallman Site Development - Percolation Tests**
Location:	**Between 56th & 70th Street North of Rokeby Road**
Job No.:	**99-0477.02**

Soil Absorption Test Data Report

Percolation Test Data

Hole No.	Hole Depth (in.)	Saturation Period: Start Date Mo./Day	Saturation Period: Time	Saturation Period: End Date Mo./Day	Saturation Period: Time	Percolation Readings: Start Date Mo./Day	Percolation Readings: Time	Percolation Readings: Depth to Water (in.)	Percolation Readings: End Date Mo./Day	Percolation Readings: Time	Percolation Readings: Depth to Water (in.)	Results: Elapsed Time (min.)	Results: Water Level Drop in.	Results: Perc. Rates (min./in)
4	36"	06/29/99	10:00 AM	06/30/99	8:08 AM	06/30/99	8:23 AM	20.750	06/30/99	8:53 AM	21.375	30	0.625	48.0
						06/30/99	8:53 AM	19.250	06/30/99	9:23 AM	19.375	30	0.125	240.0
						06/30/99	9:23 AM	19.375	06/30/99	9:53 AM	19.375	30	0.000	0.0
						06/30/99	9:53 AM	19.375	06/30/99	10:23 AM	19.625	30	0.250	120.0
						06/30/99	10:23 AM	19.625	06/30/99	10:53 AM	19.750	30	0.125	240.0
						06/30/99	10:53 AM	19.750	06/30/99	11:23 AM	19.875	30	0.125	240.0
						06/30/99	11:23 AM	19.875	06/30/99	11:53 AM	20.000	30	0.125	240.0
						06/30/99	11:53 AM	20.000	06/30/99	12:23 PM	20.125	30	0.125	240.0
5	36"	06/29/99	10:00 AM	06/30/99	8:10 AM	06/30/99	8:26 AM	19.125	06/30/99	8:56 AM	22.875	30	3.750	8.0
						06/30/99	8:56 AM	21.000	06/30/99	9:26 AM	22.875	30	1.875	16.0
						06/30/99	9:26 AM	19.875	06/30/99	9:56 AM	22.250	30	2.375	12.6
						06/30/99	9:56 AM	21.000	06/30/99	10:26 AM	22.875	30	1.875	16.0
						06/30/99	10:26 AM	21.000	06/30/99	10:56 AM	22.750	30	1.750	17.1
						06/30/99	10:56 AM	20.125	06/30/99	11:26 AM	22.375	30	2.250	13.3
						06/30/99	11:26 AM	20.000	06/30/99	11:56 AM	22.125	30	2.125	14.1
						06/30/99	11:56 AM	19.500	06/30/99	12:26 PM	21.625	30	2.125	14.1

Project:	**Tallman Site Development - Percolation Tests**
Location:	**Between 56th & 70th Street North of Rokeby Road**
Job No.:	**99-0477.02**

New Holes

Soil Absorption Test Data Report

Percolation Test Data

Hole No.	Hole Depth (ft.)	Saturation Period: Start Date Mo./Day	Saturation Period: Time	Saturation Period: End Date Mo./Day	Saturation Period: Time	Percolation Readings: Start Date Mo./Day	Percolation Readings: Time	Percolation Readings: Depth to Water (in.)	Percolation Readings: End Date Mo./Day	Percolation Readings: Time	Percolation Readings: Depth to Water (in.)	Results: Elapsed Time (min.)	Results: Water Level Drop (in.)	Results: Perc. Rates (min./in)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90	4.800	6.3
														12.4
														15.6
														13.8
														18.5
														16.0
														17.9
														15.5
														4.5
														5.6
														9.2
														7.4
														5.0
														7.2
														10.3
														8.6
														5.3
														6.0
														5.7
														5
														5.4
														6.3
														5.7
														6.4

Perc Tests

Soil Absorption Test Data Report

Perc. Rates (min/in)

Results

Pre-Soaking Procedures

Saturation Period

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

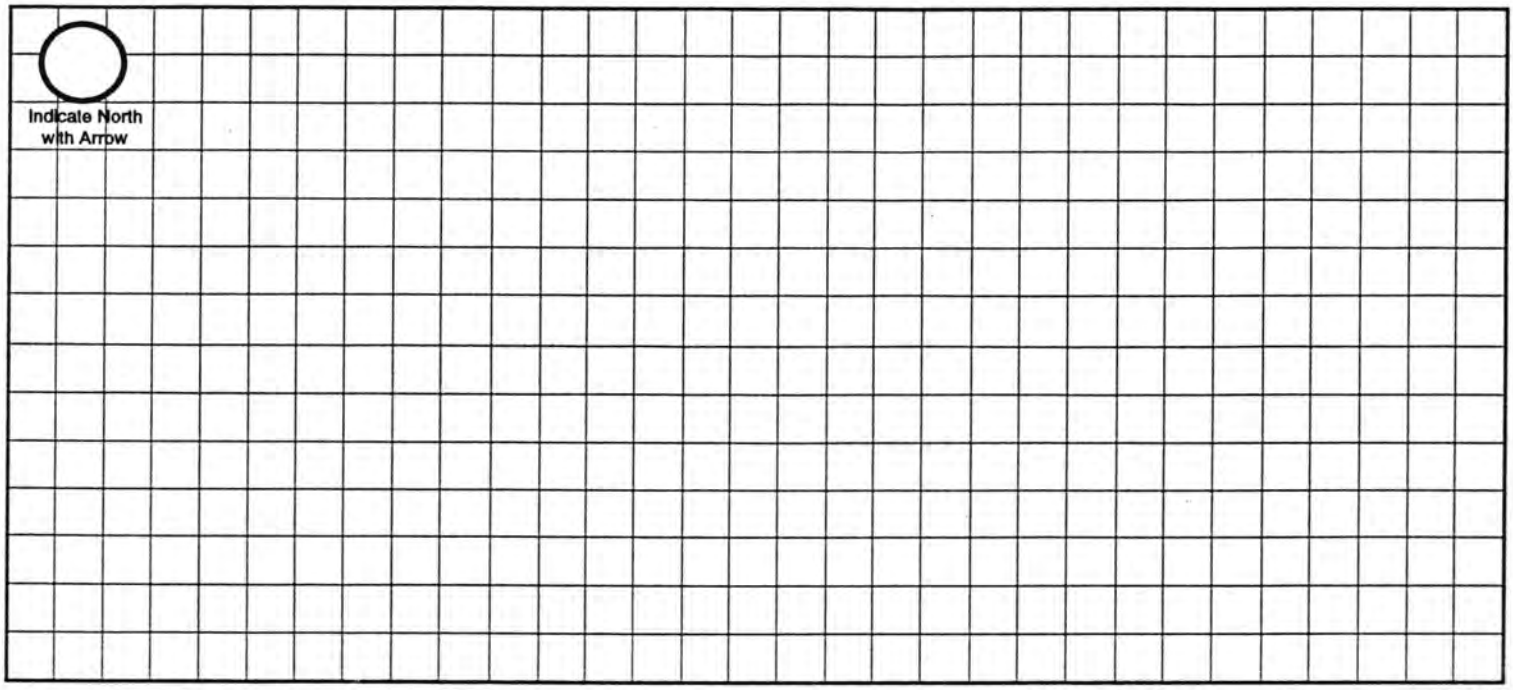
C

Permit Number: 00380224 2

Sewage Disposal System

Preliminary Plan Specifications

Draw a plot plan showing system location, lines, distribution box, tank and laterals, percolation test hole locations, well, residence, compass direction and property lines. Indicate on drawing if residence and well are existing or proposed.



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

A. System Location (Indicate correct number and street)

Address (no rural route) 6421 Rokeby Rd. City Lincoln NE, Zip 68516

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

C. Proposed Absorption System (See Form B for Percolation Information)

Percolation Rate 11 (min. per inch) Soil Type: Judson Silt Loam and Slope: _____ %

Type of Absorption System: ☐ Trench ☐ Bed ☐ Other _____

Total Square Feet of Field Required: 630 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: _____

Capacity of Septic Tank 1250 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 158 ft. Number of Trenches _____ Trench Width 4'

D. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☐	500 ☐	50 ☐	NA ☐	25 ☐	20 ☐	15 ☐	25 ☐	☐
Field (ft)	100 ☐	500 ☐	50 ☐	4 ☐	30 ☐	20 ☐	30 ☐	40 ☐	☐
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

E. Required Signatures

Home Building Contractor May Custom Homes, Inc. Michael P. May Date 9-7-00

Installer Capital City Trenching Ronald L. Claymont Date 5-24-00

FORM 23-102 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 _____

System Location (Indicate correct number and street)

Address 6421 Rocky Rd. (no rural route) City Lincoln NE, Zip _____

A. Building Sewer

1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 18 in.
3. Distance between dwelling and septic tank: 227 ft.
4. Number of clean-outs: _____
5. Distances to: well or suction line _____ ft.
   stream _____ ft.
   pressure line _____ ft.
   property line _____ ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments: 1
2. Capacity: 1250 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter _____ in.
   Over outlet, diameter _____ in.
   Riser: ☑ above ☐ below grade — in.
5. Inlet: ☑ baffle ☐ tee
6. Outlet: ☑ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 12 in.
8. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

C. Distribution Box

1. Material: Concrete
   Number available outlets: 5
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 54' ft.

D. Absorption Field

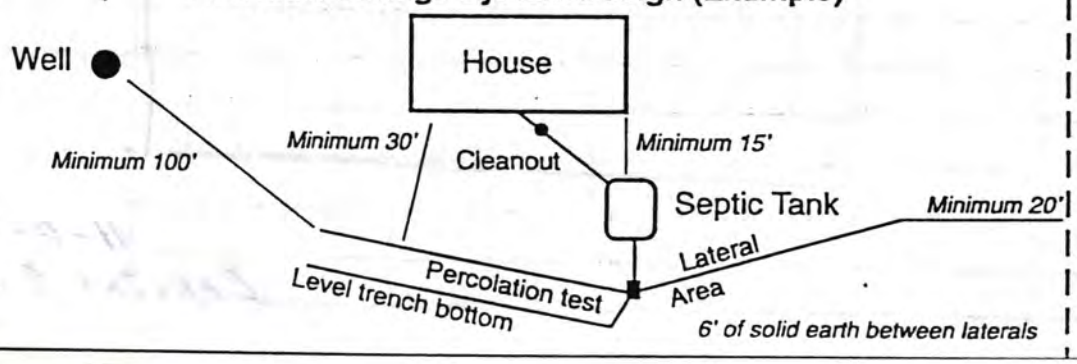
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 2
   Length of each line: 100 ft. 100 ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope _____ in/100 ft.
   Average depth 36 in
4. Filter material: Gravel
   Depth of material 20 in.
5. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

Indicate North with Arrow

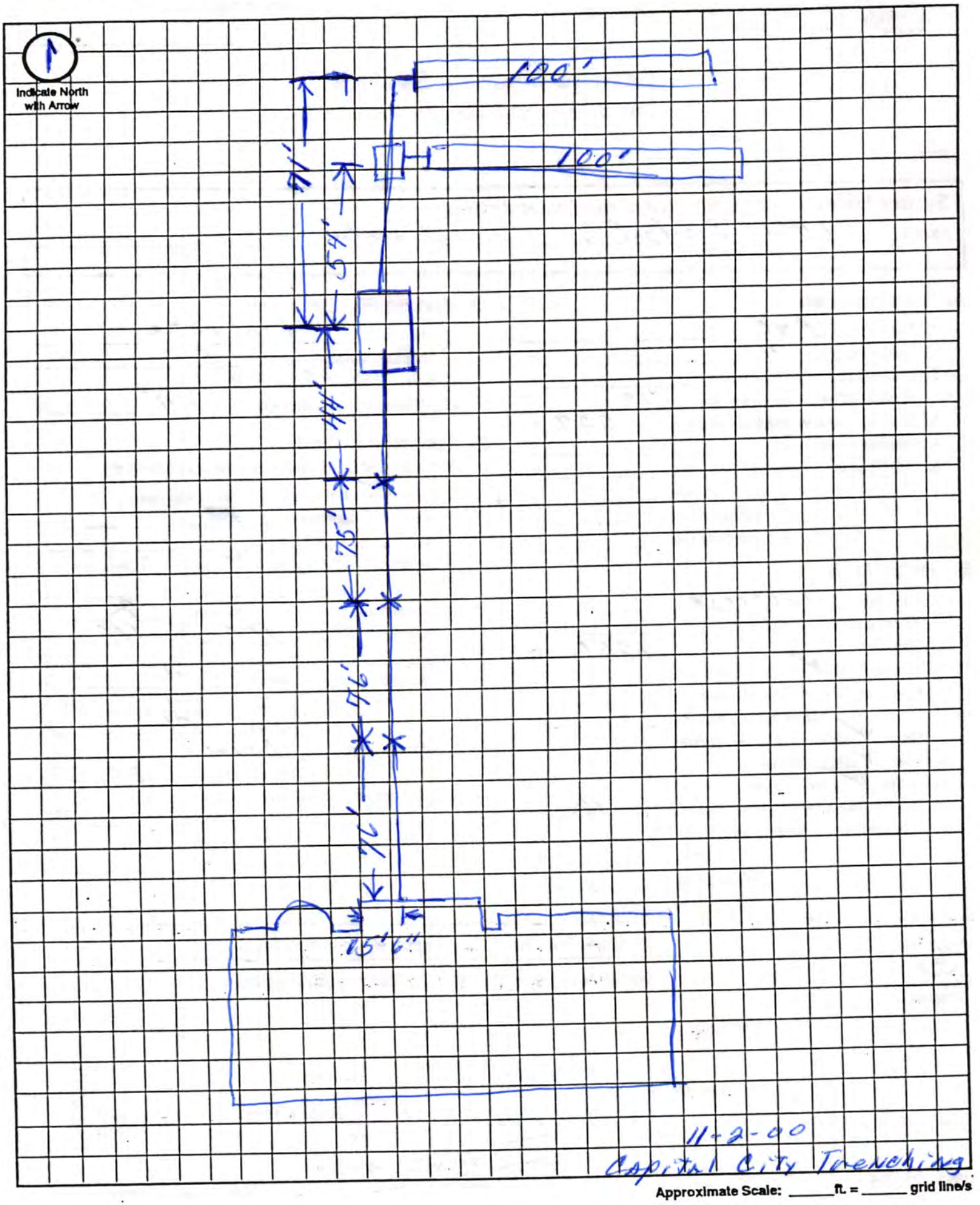
Complete "As Built" drawing on back of this form.

Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing



11-2-00
Capital City Trenching

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

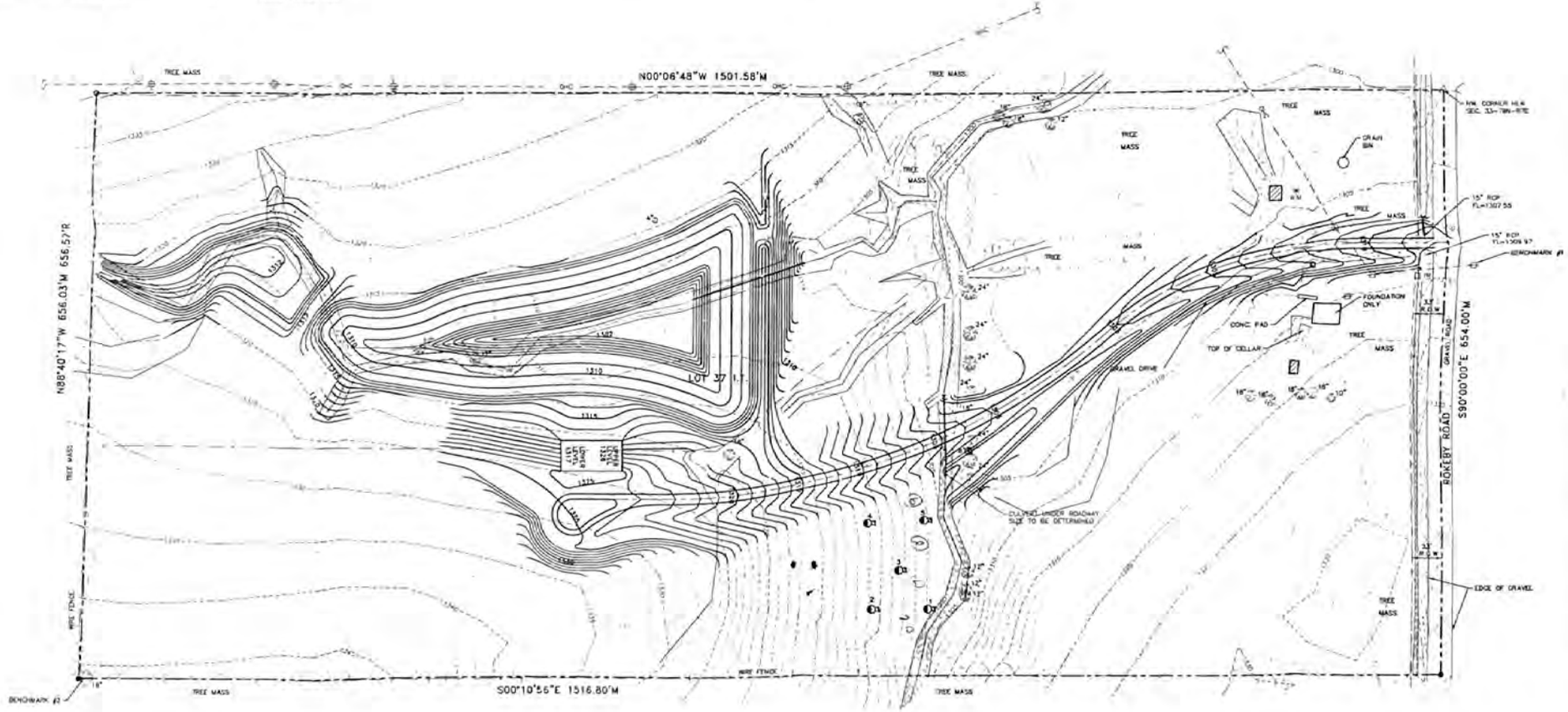
LEGEND

- POWER POLE
- TELEPHONE PEDESTAL
- GUY WIRE
- WINDMILL
- CONIFEROUS TREE
- DECIDUOUS TREE
- PERK TEST SITE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- TREE MASS\ROW
- OVERHEAD CABLE
- BUILDING LINE
- BARBED WIRE FENCE
- PROPERTY LINE
- CORNER FOUND
- CORNER SET (3/4" IPE UNLESS OTHERWISE NOCA'ED)
- SECTION CORNER FOUND

BENCHMARKS

1. CHAIR NAILS IN NW. FACE OF PWR. N. SIDE OF ROKEBY RD. 250' ± E. OF NW CORNER NE¼. ELEV.=1315.73 (NAVD 88)
2. CHAIR NAILS IN 18" TREE, W. FACE, 8'± N OF SE. PROPERTY CORNER. ELEV.=1347.07 (NAVD 88)

SCALE: 1" = 60'



OLSSON ASSOCIATES

CONSULTING ENGINEERS
1111 Lincoln Mall
P.O. Box 84608
Lincoln, NE 68501
402-474-6311

TALLMAN PROPERTY

SITE PLAN

LINCOLN, NEBRASKA
1999

drawn by: SD
designed by: SD
checked by: JSD
approved by:
project no. 990477.01
drawing no.
date: AUGUST 1999
revisions

AUG 1999
OLSSON ASSOCIATES CONSULTING ENGINEERS

SHEET 1 OF 2