Lincoln-Lancaster County Health Department

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

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 02380250701

Issued 07/23/02
Expires 01/23/03
Revenue Code 3157

FEES: $200.00

Establishment

KEITH SCHELL
T12N R6E SEC 33 QTR NE
NE 1/4OFNE 1/4-21ACR LOT 11IT
1255 W BRANCHED OAK RD-DAVEY

TOTAL: $200.00

Permittee

KEITH SCHELL
2230 HARRISON AVE
LINCOLN NE 68502

Bruce D. Dart

Bruce D. Dart, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

002834

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

A

Permit Number: 0238025070 1

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 1255 West Bunchberry Oak Road (no rural route) City Davey NE, Zip 68336

Legal Description NE 1/4 NE 1/4 Section 33 Township 12N Range 6E 21+ acres SEE ATTACHED Subdivision ~~Parcel A~~ Addition #9 Block 11 Lot IT

Geographical Location (if known): Longitude _____ Latitude _____

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

B. Owner

Name Keith Schell Signature _____

Address 2230 Harrison City/State/Zip Lincoln, Ne 68502

☐ Check if owner designed system Home Phone 477-0252 Work Phone 309-1281

C. Contractor

Name Brad Southwick Company Name Southwick Sewer & Drain

Address 17201 So 72nd City/State/Zip Hickman, Ne 68372

☐ Check if contractor designed system Work Phone 430-7606

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 5 Is there a Whirlpool Bathtub YES NO

☐ Commercial Establishment/Other Facility Specify _____

Design flow in gallons per day _____ 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 7/23/02 Date frwd 7/23/02 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hoad
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 8-21-02 Date frwd 8-21-02 ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** NOT IN FLOOD PLAIN. L.C.H. Date rec'd 8-21-02 Date frwd 8-21-02 ACTION ☒ Approved ☐ Disapproved Signature _____

Installation Final Written Approval

By Ron Magnuson

Date 1-30-04

Business Office Use Only

Date Rec'd 07/23/02

Amt Paid 200.00

Rec'd By _____ ~~Cash~~/Check No. 6751

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

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

B

Permit Number: 023802507

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address _____ City Raymond NE, Zip 68428
(no rural route)

Owner Kieth Schell Addresss 2230 Harrison Lincoln, Ne 68502

Soil Type (SCS): Mrd (Sandy Spot) Percolation Rate: _____ min./inch

Date of Tests 9/12 to 9/13/01 Weather: Precipitation 0 Temperature 80

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	36	9/12	6:30	9/13	11:00	9/13	1:40	13 1/2	9/13	1:50	10	1	10
2			P		AM			12 7/8				3/4	13
3								12 1/4				2	5
4								16 1/4				7/8	12
5								17 3/8				3/8	12
6								11 5/8				1 1/8	9
7								10 3/4				1	10
8								8 3/8				1/2	20

Person Conducting Percolation Tests

Name: Brad Southwick

Phone: _____

Address _____

_____

Sum of Percolation Rates: 91

Average of Rates: 12

Rate Used for Calculation: 20

5 Bdrm 1050 sq ft (262.5' x 4')
1500 Gallon Septic Tank

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks Onsite inspection revealed a hardpan or unknown distance below the bottom of leach field trench

Signature of Reviewing Official Ron Mengedoht Date 1-30-04

FORM 23-101 10-96

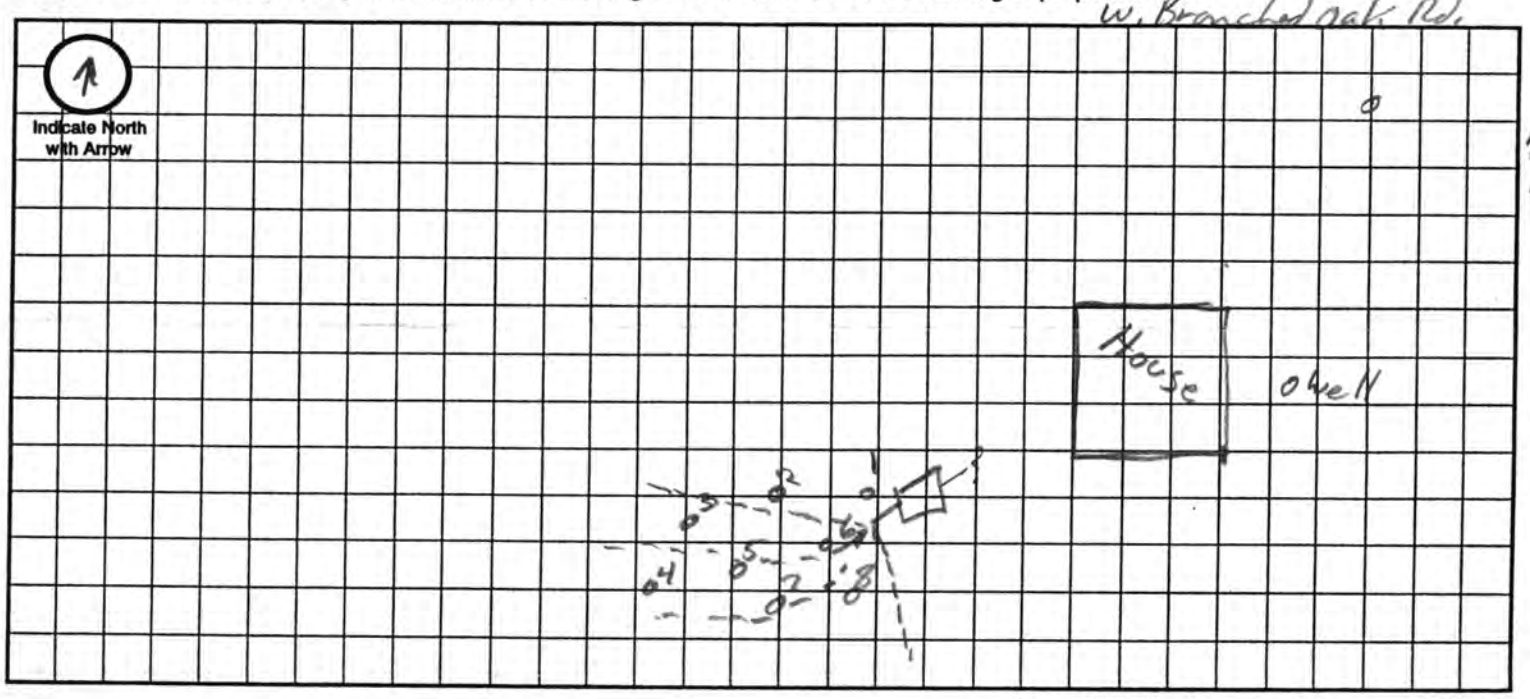
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 023802507

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) 1255 West Branched Oak Rd City Davey NE, Zip 68336

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 20 (min. per inch) Soil Type: Mod (Sandy Spots) Land Slope: 9 %

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

Total Square Feet of Field Required: 1050 sq. ft.

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

Capacity of Septic Tank 1500 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 262.5 ft. Number of Trenches 3 or 4 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 _____ Date _____

Installer Brad Southwick Date 9/15/01

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: 023802507

Sewage Disposal System

As Built Plans & Specifications

Date 7/23/04

System Location (Indicate correct number and street)

Address 1255 West Branch Cak (no rural route) City Raymond NE, Zip _____

A. Building Sewer

1. Material: Sch. 40 4" Diameter: 4" in.
2. Distance above basement floor: 0 in. or distance below basement floor: 24 in.
3. Distance between dwelling and septic tank: 85 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line 100+ ft. stream 100+ ft. pressure line 100+ ft. property line 100+ ft.

B. Septic Tank

1. Material: Cement Number of compartments: 1
2. Capacity: 1500 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 10 in. Over outlet, diameter 10 in. Riser: ☒ above ☐ below grade 2 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 100+ ft. Stream 100+ ft. Pressure line 100+ ft. Property line 100+ ft.

C. Distribution Box

1. Material: Plastic distribution Number available outlets: 6"
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 15' ft.

D. Absorption Field

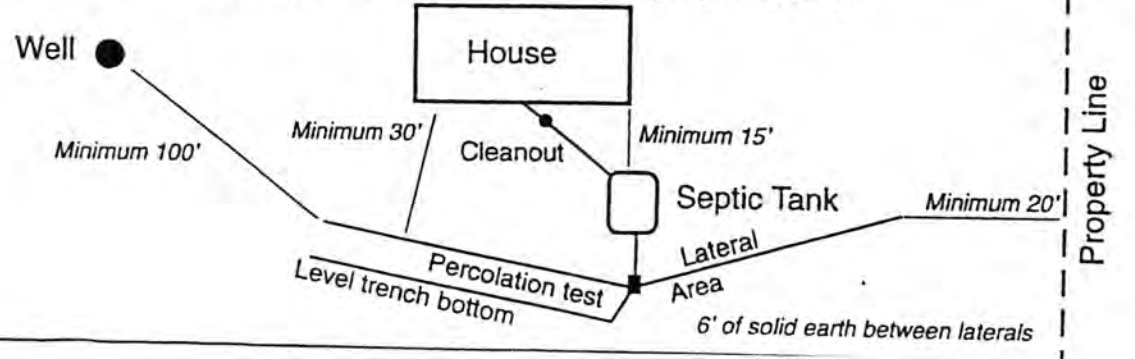
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe Diameter of half round: Infiltrators or perforated pipe: _____ Material: ☐ fiberglass ☒ plastic ☐ concrete ☐ other _____
2. Lateral lines: Number 3 Length of each line: 100 ft. 100 ft. 65 ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4 ft. Slope Level in/100 ft. Average depth 36" in
4. Filter material: Gravel Depth of material 9.4 in.
5. Distances to: Well or suction line 100+ ft. Stream 100+ ft. Pressure line 100+ ft. Property line 100+ ft.

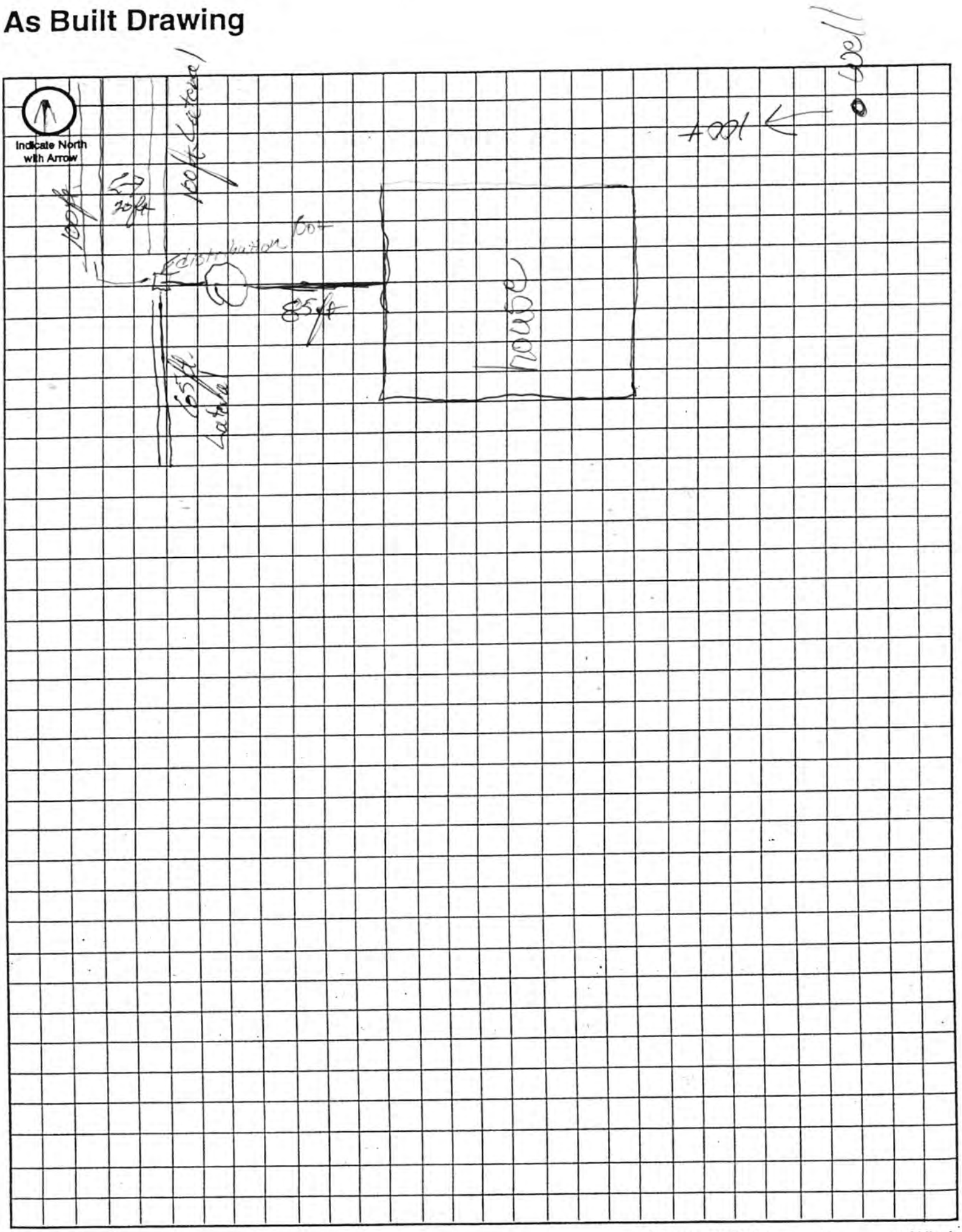
Indicate North with Arrow

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

Individual Sewage System Design (Example)

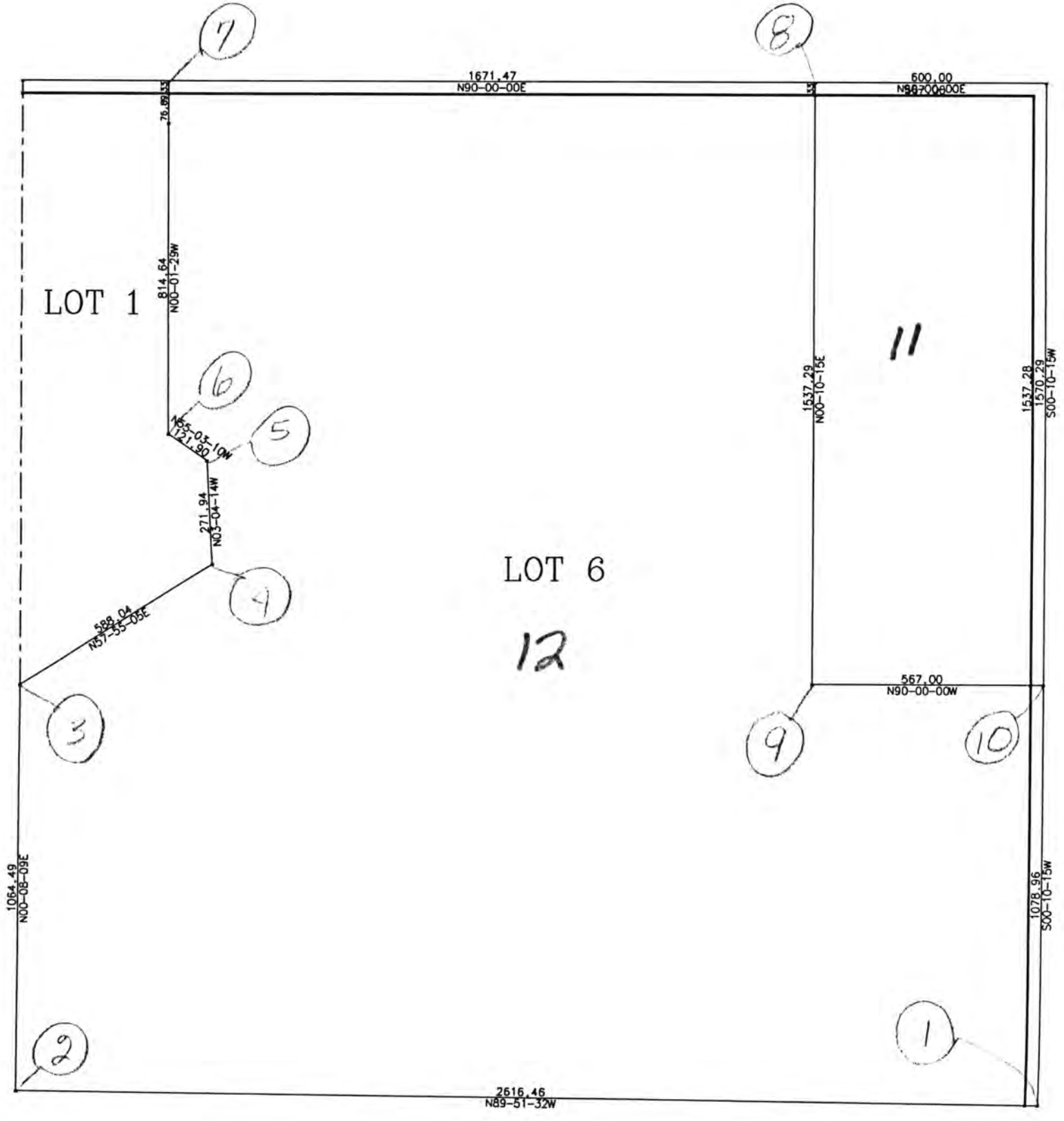


As Built Drawing



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


2 760 000 FEET
495 000 FEET
T. 12 N.
20
21
28
29
32
33
Salt Creek
(Joins sheet 9)
Broadwell Ave
NW 12th


7
8
1671.47
N90-00-00E
600.00
814.64
N00-01-29W
LOT 1
6
N65-03-10W
121.80
5
271.94
N03-04-14W
4
LOT 6
12
11
1537.29
N00-10-15E
1537.28
1570.29
S00-10-15W
588.04
N57-55-05E
3
567.00
N90-00-00W
9
10
1064.49
N00-08-09E
1078.96
S00-10-15W
2
1
2616.46
N89-51-32W

$5.50 C90463

NEBRASKA DOCUMENTARY STAMP TAX

NOV - 5 1999

$385.00 BY EP

REGISTER OF DEEDS INST. NO 99

FILED NOV -5 P 12:50 059121

BLOCK

CODE

CHECKED

ENTERED

EDITED

WARRANTY DEED

Jackson M. Ideen and Sharon L. Ideen, husband and wife, GRANTOR, in consideration of one dollar and other valuable consideration received from GRANTEE, **Keith Schell and Lisa Schell, husband and wife, as joint tenants and not as tenants in common,** conveys to GRANTEE, the following described real estate (as defined in Neb. Rev. Stat.76-201):

Lot Six (6), Irregular Tracts in the Northeast Quarter of Section 33, Township 12 North, Range 6 East of the 6th P.M., Lancaster County, Nebraska.

GRANTOR covenants (jointly and severally, if more than one) with GRANTEES that GRANTOR:

(1) is lawfully seized of such real estate and that it is free from encumbrances, except for any easements and restrictions now of record;
(2) has legal power and lawful authority to convey the same;
(3) warrants and will defend title to the real estate against the lawful claims of all persons.

Executed on this 5th day of November, 1999.

Jackson M. Ideen

Sharon L. Ideen

STATE OF NEBRASKA)
) SS.
COUNTY OF LANCASTER)

The foregoing instrument was acknowledged before me on November 5th , 1999, by Jackson M. Ideen and Sharon L. Ideen, husband and wife.

GENERAL NOTARY-State of Nebraska
GLEN C. PFENNING, JR.
My Comm. Exp. Jan. 30, 2002

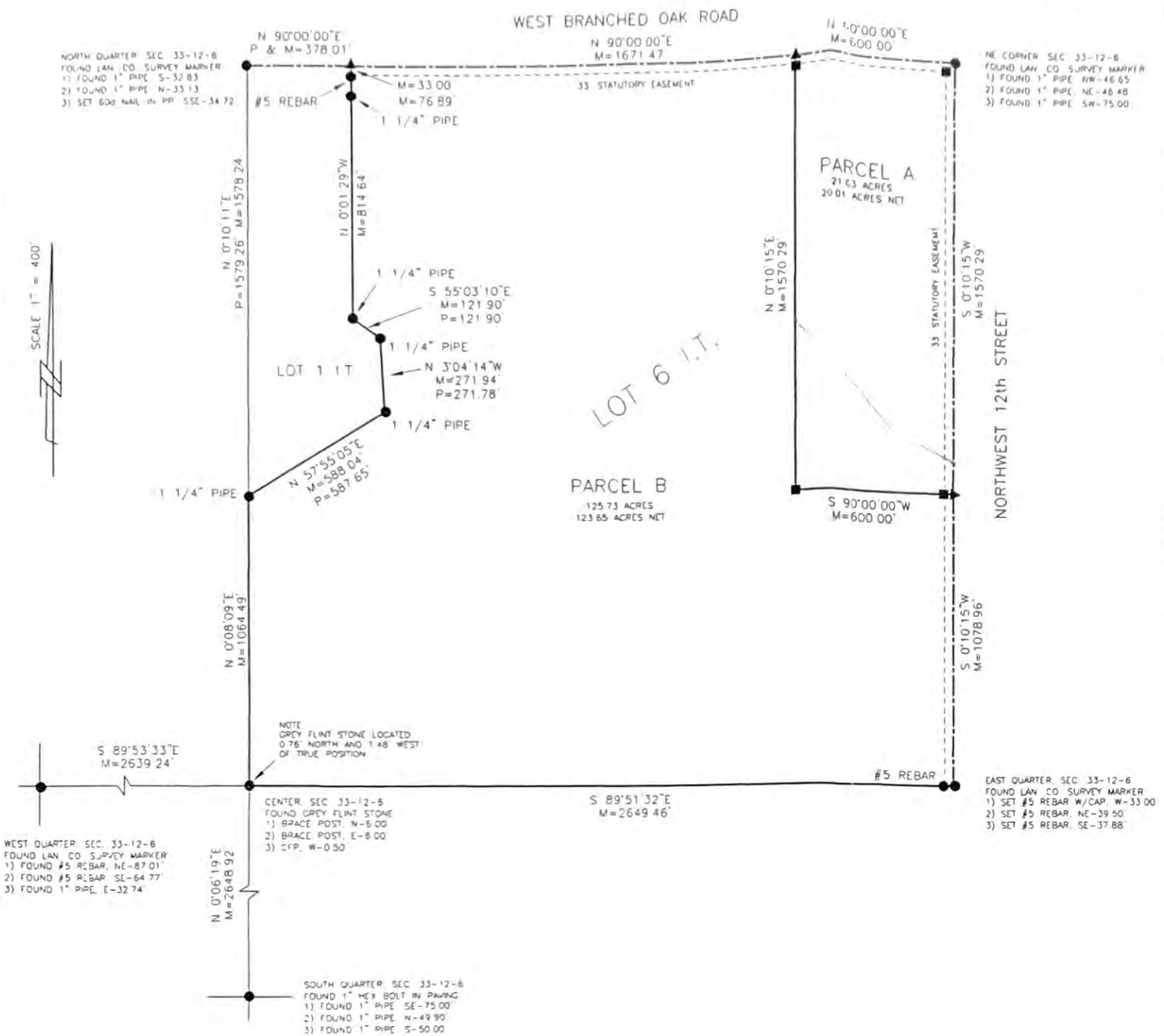
Notary Public

NTC(DG) 5 $0 NTCpd.

AA-20513

BOUNDARY SURVEY

LOT 6 I.T., LOCATED IN THE NORTHEAST QUARTER, SECTION 33, T 12 N, R 6 E LANCASTER COUNTY, NEBRASKA



LEGAL DESCRIPTION

PARCEL A
THAT PART OF LOT 6 IRREGULAR TRACT LOCATED IN THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 12 NORTH, RANGE 6 EAST OF THE 6TH P.M., LANCASTER COUNTY, NEBRASKA, MORE PARTICULARLY DESCRIBED AS FOLLOWS

BEGINNING AT THE NORTHEAST CORNER OF SAID NORTHEAST QUARTER; THENCE ON THE EAST LINE OF SAID NORTHEAST QUARTER, ON AN ASSIGNED BEARING OF S 0°10'15"W A DISTANCE OF 1570.29', THENCE PARALLEL TO THE NORTH LINE OF SAID NORTHEAST QUARTER, S 90°00'00"W 600.00', THENCE PARALLEL TO SAID EAST LINE OF THE NORTHEAST QUARTER, N 0°10'15"E 1570.29' TO A POINT ON SAID NORTH LINE OF THE NORTHEAST QUARTER; THENCE ON SAID NORTH LINE, N 90°00'00"E 600.00' TO THE POINT OF BEGINNING, SAID TRACT CONTAINING 21.63 ACRES, MORE OR LESS

PARCEL B
ALL OF LOT 6 IRREGULAR TRACT, LOCATED IN THE NORTHEAST QUARTER OF SECTION 33 TOWNSHIP 12 NORTH, RANGE 6 EAST OF THE 6TH P.M., LANCASTER COUNTY, NEBRASKA, EXCEPT THAT PART MORE PARTICULARLY DESCRIBED AS FOLLOWS

BEGINNING AT THE NORTHEAST CORNER OF SAID NORTHEAST QUARTER; THENCE ON THE EAST LINE OF SAID NORTHEAST QUARTER, ON AN ASSIGNED BEARING OF S 0°10'15"W A DISTANCE OF 1570.29', THENCE PARALLEL TO THE NORTH LINE OF SAID NORTHEAST QUARTER, S 90°00'00"W 600.00', THENCE PARALLEL TO SAID EAST LINE OF THE NORTHEAST QUARTER, N 0°10'15"E 1570.29' TO A POINT ON SAID NORTH LINE OF THE NORTHEAST QUARTER; THENCE ON SAID NORTH LINE, N 90°00'00"E 600.00' TO THE POINT OF BEGINNING, SAID TRACT CONTAINING 21.63 ACRES, MORE OR LESS.

SURVEYOR'S CERTIFICATE

I, THE UNDERSIGNED, A DULY REGISTERED LAND SURVEYOR IN AND FOR THE STATE OF NEBRASKA, DO HEREBY CERTIFY THAT I CAUSED A SURVEY TO BE MADE OF THE FOREGOING DESCRIBED PROPERTY, AND THAT THE RESULTS OF SAID SURVEY ARE TRULY AND ACCURATELY DEPICTED HEREON, TO THE BEST OF MY KNOWLEDGE AND BELIEF

IN TESTIMONY WHEREOF WITNESS MY HAND AND SEAL THIS 24th DAY OF OCTOBER, 2001

BILLY JOE KERR, LS #483

NEBRASKA REGISTERED LS-483 LAND SURVEYOR

RECEIVED
DEC 2[illegible] 2001
SURVEY RECORD REPOSITORY
LANCASTER COUNTY
544-554

RECEIVED
JAN 15 2002
LANCASTER COUNTY
ENGINEERING DEPT

LEGEND
P = PLAT DISTANCE
M = MEASURED DISTANCE
● = FOUND MONUMENT AS NOTED
■ = SET MONUMENT #5 REBAR & CAP
◀ = SET TEMP. POINT

K & M INC.
LAND SURVEYING
540 W. INDUSTRIAL LAKE DR. #1
LINCOLN, NE 68528
(402) 476-3020
(402) 476-3138

PROJ #0108061
B-86 P-97