Lincoln-Lancaster County Health Department
ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

(402) 441-8000

011120

Permit: SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 07380338101

Issued 08/21/07
Expires 08/21/08
Revenue Code 3157

Establishment: VANTAGE POINTE HOMES
T8N R7E SEC 16 QTR SE
PRESERVE@CRSSCRK-1ST BLK 2 LOT 1
6677 WINTERBERRY LN-ROCA

FEES: $290.00

Permittee: VANTAGE POINTE HOMES
1000 W ROKEBY RD
ROCA NE 68523

TOTAL: $290.00

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

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

A

Permit Number: 07380338101 adf

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

3.1 acres

A. System Location (Indicate correct number and street)

Address 6677 WINTER BERRY LN City ROCA NE, Zip 68430
(no rural route)
Legal Description LCR 6025 SE¼ 16 8 (6)E THE PRESERVE AT CROSS CREEK 1ST 2 1
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 LANDT LLC Signature _____
Address 1901 S.W. 5TH ST City/State/Zip _____
☐ Check if owner designed system Home Phone _____ Work Phone _____

C. Contractor

Name VANTAGE POINTE HOMES Company Name DANKUBA
Address 1000 W. ROKEBY RD. City/State/Zip 1000 W ROKEBY RD
☐ Check if contractor designed system LINC. NE 68523 Work Phone 402-560-2124

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

Designer Name Mel Eagner Firm Eagner Const 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 _____ 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 8/20/07 Date frwd 8/20/07	**ACTION** ☐ Approved ☐ Disapproved Signature _____	
2. **Supt. Bldg. Insp. or Village Clerk**	Date rec'd 8/20/07 Date frwd 8/20/07	**ACTION** ☒ Approved ☐ Disapproved Signature _____	
3. **City or County Engineer**	Date rec'd 8-20-07 Date frwd 8-20-07	**ACTION** ☒ Approved ☐ Disapproved Signature Jim Flouzek	

Installation Final Written Approval

By _____
Date 11/5/07

Business Office Use Only
Date Rec'd 08/21/07
Amt Paid 290.00
Rec'd By _____ ~~Cash~~/Check No. 3339

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:

The Preserve at Cross Creek
Lot 1 Block 2

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 6677 Winter Berry Lane (no rural route) City Roca NE, Zip 68430

Owner Land II LLC Addresss 1901 SW 5th St Suite 100 Lincoln 68522

Soil Type (SCS): _____ Percolation Rate: 56 min./inch

Date of Tests 8/10/07 to 8/11/07 Weather: Precipitation 0 Temperature 95

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	30	8-10	3:10	8-11	2:05	8-11	2:50	6	8-11	3:20	30	½	60
2	31	"	"	"	"	"	"	"	"	"	"	½	60
3	30	"	"	"	"	"	"	"	"	"	"	½	60
4	32	"	"	"	"	"	"	"	"	"	"	5/8	48
5	29	"	"	"	"	"	"	"	"	"	"	5/8	48
6	31	"	"	"	"	"	"	"	"	"	"	½	60

Person Conducting Percolation Tests

Name: Melvin Wagner
Phone: 402-432-5698
Address 4810 "W" Claire Ave.
Lincoln NE 68523

Sum of Percolation Rates: 336
Average of Rates: 56
Rate Used for Calculation: 60

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

The Preserve at
Cross Creek
Lot 1 Block 2

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

C

Permit Number:

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.

Indicate North with Arrow

See ~~Attached~~ Drawing

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

A. System Location (Indicate correct number and street)

Address (no rural route) WINTER BERRY LANE City ROCA NE, Zip 68430

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 56 (min. per inch) Soil Type: _____ Land Slope: _____ %

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

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

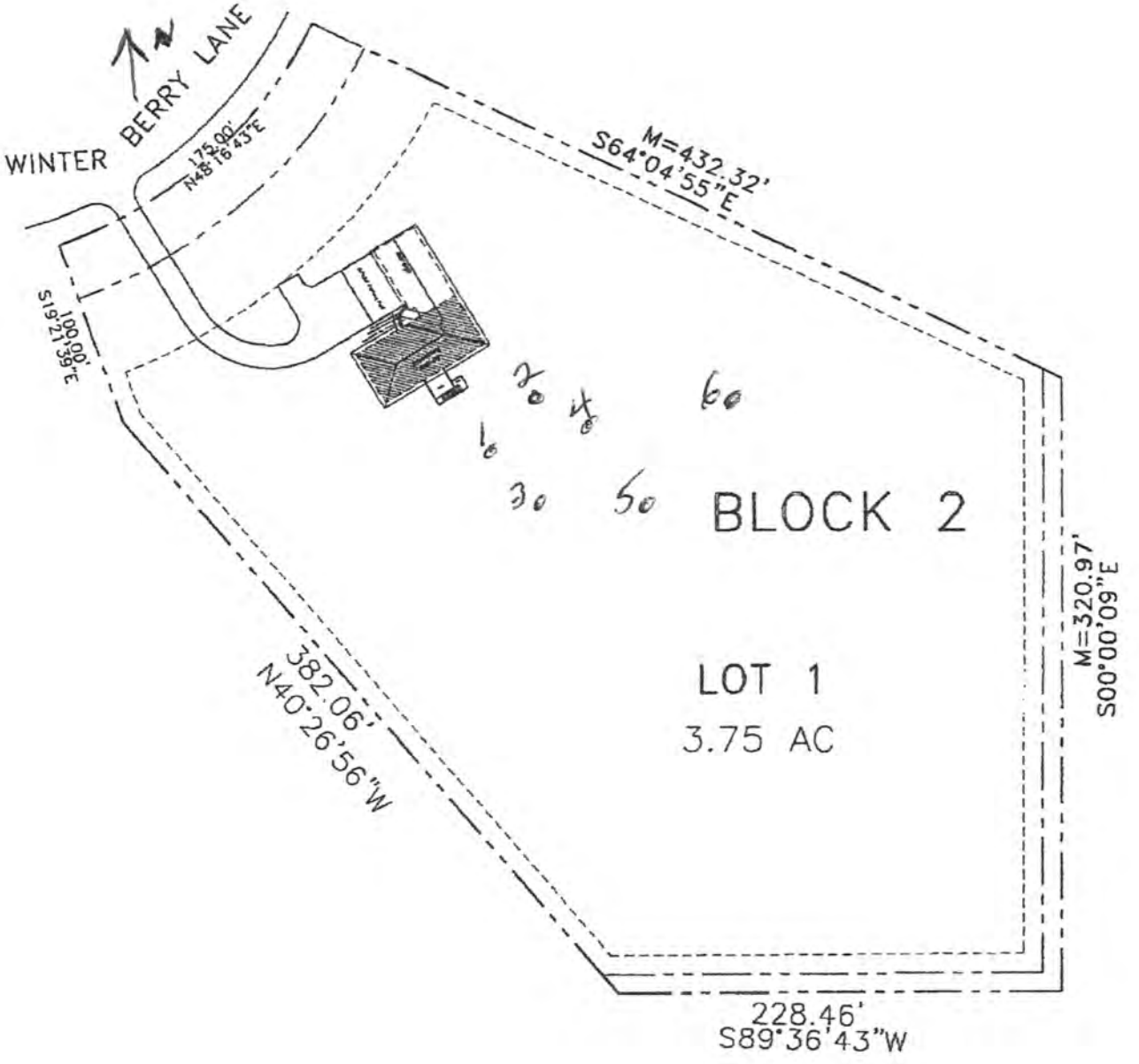
Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: INFILTRATORS

Capacity of Septic Tank 1250 gals Number of Absorption Beds: ~~1~~ Number of Distribution Laterals per Bed _____

Total Length of Laterals 262 ft. Number of Trenches 3 Trench Width 4 FT.

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 ☐	☐


N
WINTER BERRY LANE
175.00'
N48°16'43"E
M=432.32'
S64°04'55"E
100.00'
S19°21'39"E
20
40
60
10
30
50
BLOCK 2
LOT 1
3.75 AC
382.06'
N40°26'56"W
M=320.97'
S00°00'09"E
228.46'
S89°36'43"W

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

EPS N40° 39.301'
W096° 37.853'

Date 11/15/07

System Location (Indicate correct number and street)
Address 6677 WINTER BERRY LN (no rural route) City ROCA NE, Zip 68430

A. Building Sewer
1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 12 in.
3. Distance between dwelling and septic tank 20 ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line NA ft.
   stream NA ft.
   pressure line NA ft.
   property line OVER 100 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 12 in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 6 in.
8. Distances to: Well or suction line NA ft.
   Stream NA ft.
   Pressure line NA ft.
   Property line OVER 100 ft.

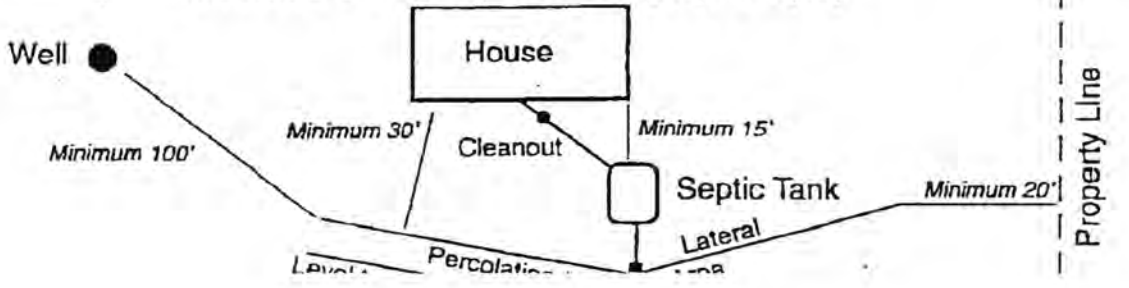
C. Distribution Box
1. Material: _____
   Number available outlets: _____
2. Factory built: ☐ Yes ☐ No
3. Distance from septic tank: _____ ft.

D. Absorption Field
(Provide as-built drawings on back of this form)
1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other INFILTRATORS
2. Lateral lines: Number 3
   Length of each line: 100 ft. 100 ft.
   _____ ft. _____ ft., 62 ft.
3. Trench dimensions: Width _____ ft.
   Slope _____ in/100 ft.
   Average depth 24 in
4. Filter material: NA
   Depth of material _____ in.
5. Distances to: Well or suction line NA ft.
   Stream NA ft.
   Pressure line OVER 100 ft.
   Property line " 100 ft.

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

Indicate North with Arrow

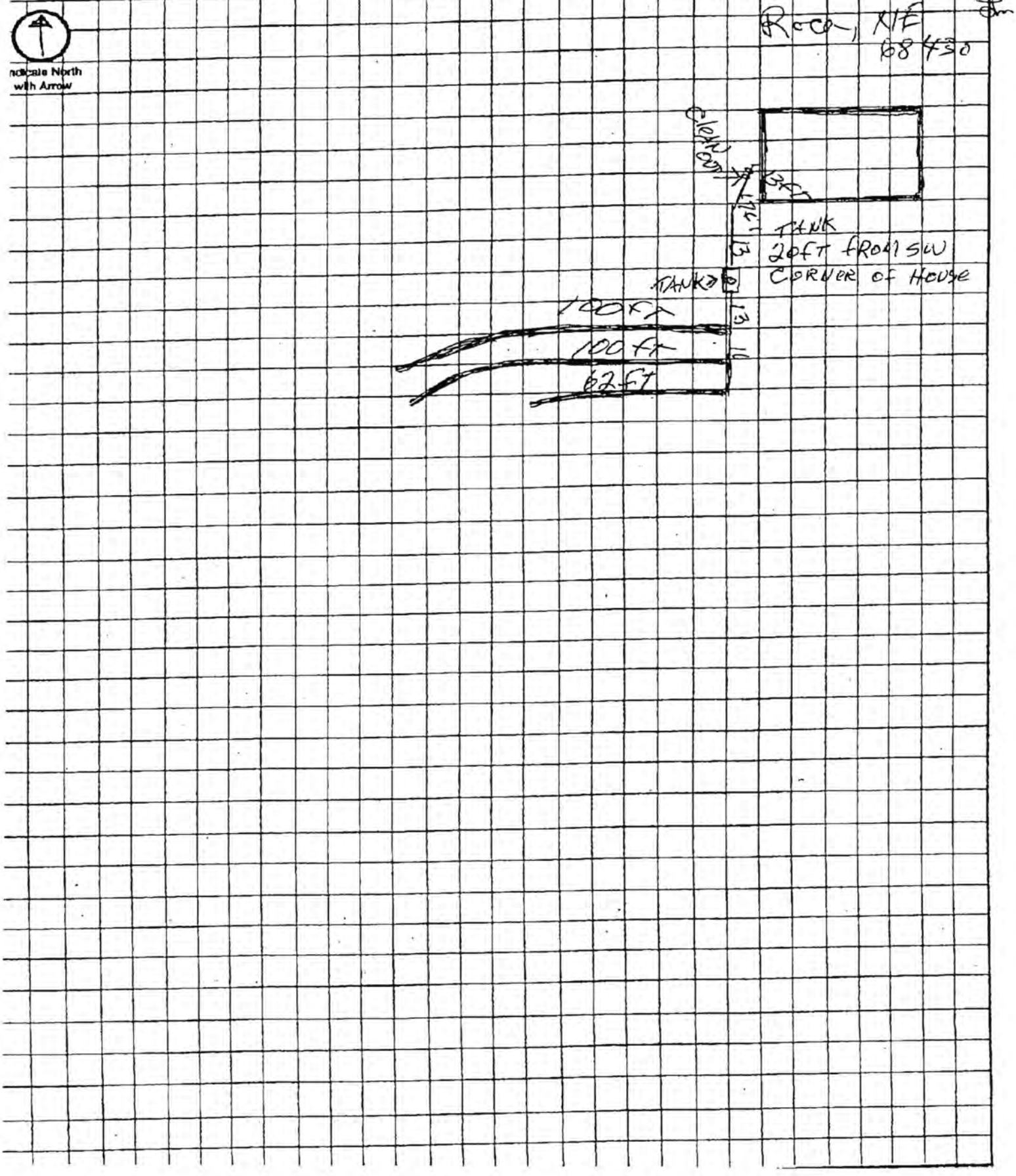
Individual Sewage System Design (Example)

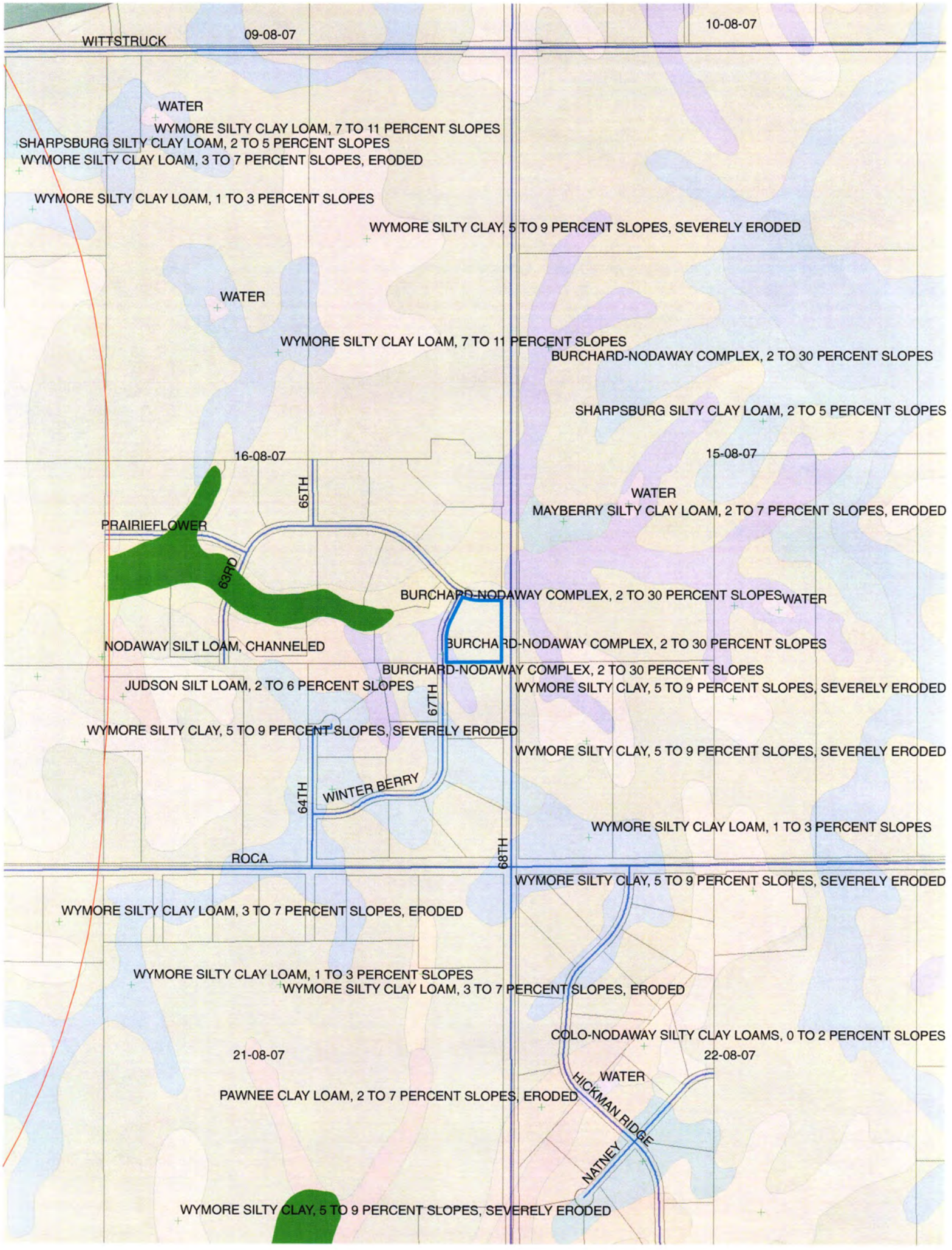


GPS N40° 39.301'
W 096° 37.853'

As Built Drawing

6677 Winterberry
Roca, NE
68430




WITTSTRUCK
09-08-07
10-08-07
WATER
WYMORE SILTY CLAY LOAM, 7 TO 11 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES
WYMORE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
WYMORE SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
WYMORE SILTY CLAY, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED
WATER
WYMORE SILTY CLAY LOAM, 7 TO 11 PERCENT SLOPES
BURCHARD-NODAWAY COMPLEX, 2 TO 30 PERCENT SLOPES
SHARPSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES
16-08-07
15-08-07
65TH
WATER
MAYBERRY SILTY CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
PRAIRIEFLOWER
63RD
BURCHARD-NODAWAY COMPLEX, 2 TO 30 PERCENT SLOPES
WATER
NODAWAY SILT LOAM, CHANNELED
BURCHARD-NODAWAY COMPLEX, 2 TO 30 PERCENT SLOPES
BURCHARD-NODAWAY COMPLEX, 2 TO 30 PERCENT SLOPES
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
67TH
WYMORE SILTY CLAY, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED
WYMORE SILTY CLAY, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED
WYMORE SILTY CLAY, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED
64TH
WINTER BERRY
WYMORE SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
68TH
ROCA
WYMORE SILTY CLAY, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED
WYMORE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
WYMORE SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
WYMORE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
COLO-NODAWAY SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES
21-08-07
22-08-07
WATER
HICKMAN RIDGE
PAWNEE CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
NATNEY
WYMORE SILTY CLAY, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED