Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

008581

(402) 441-8000

Permit: SEWAGE INSTALLATION
LAGOON

Establishment:
DOUGLAS D OBERMEIER
T9N R8E SEC 18
WHISPERING CREEK BLK 2 LOT 5
6000 S 114 ST

Permittee:
DOUGLAS D OBERMEIER
7807 AMELIA DR
LINCOLN NE 68516

Permit # 06380314101

Issued 01/11/06
Expires 01/11/07
Revenue Code 3157

FEES: $275.00

TOTAL: $275.00

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

JAN 2006

A

Permit Number: 06380314101

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 6000 S 114 (no rural route) City Lincoln NE, Zip ~~NE~~ 68526

Legal Description 1/4 1/4 Section 18 Township 9N Range 8E Subdivision Whispering Creek Addt. Addition 2 Block 5 Lot

Geographical Location (if known): Longitude _____ Latitude _____

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

B. Owner

Name Douglas Obermeier Signature Douglas D. Obermeier

Address 7807 Amelia Dr City/State/Zip Lincoln Ne 68516

☐ Check if owner designed system Home Phone 327-0151 Work Phone 730-2430

C. Contractor

Name _____ 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 Dave Prusa Firm Nebr. Dirtworks Work Phone 402-525-0822

E. This System Will Serve a

☒ Residential Dwelling Number of Bedrooms 4 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 1/11/06 Date frwd 1/11/06 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 1-11-06 Date frwd 1-11-06 ACTION ☒ Approved ☐ Disapproved Signature Shawn Johnson
3. **City or County Engineer** Date rec'd 1-11-06 Date frwd 1-11-06 ACTION ☒ Approved ☐ Disapproved Signature Dennis Bartels

T/17/06 Experimental system L.C.H.

Installation Final Written Approval

By Jerrold C. Hood R.E.H.S.

Date JULY 19, 2006

Business Office Use Only

Date Rec'd 01/11/06
Amt Paid 275.00
Rec'd By LS Cash/Check No. 1251

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: 063803141

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

JAN 06 2006

System Location (Indicate correct number and street)

Address 6000 S. 14th (no rural route) City Lincoln NE, Zip _____

Owner Doug Obermier Address _____

Soil Type (SCS): Clay Silt ? Percolation Rate: _____ min./inch

Date of Tests 1-04-06 to 1-05-06 Weather: Precipitation - clear sky, dry Temperature 45

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	24"	1-4	4. PM	1-5	10:15	1-5	10:38 AM	6	1-5-06	2:09 PM	213	0	
2	28"	1-4	4	1-5	10:15	1-5	10:38	6	1-5	2:09	213	.25	852
3	24"	1-4	4	1-5	10:15	1-5	10:36	6	1-5	2:09	213	.25	852
4	24"	1-4	4	1-5	10:15	1-5	10:36	6	1-5	2:10	214	0	
5	20"	1-4	4	1-5	10:15	1-5	10:35	6	1-5	2:10	215	0	
6	22"	1-4-06	4	1-5-06	10:15	1-5	10:35	6	1-5	2:10	215	.25	852

Person Conducting Percolation Tests

Name: Dave Prusa
Phone: 402-525-0822
Address: 10505 Pellard. Firth, Ne. 68378

Sum of Percolation Rates: _____
Average of Rates: _____
Rate Used for Calculation: _____

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

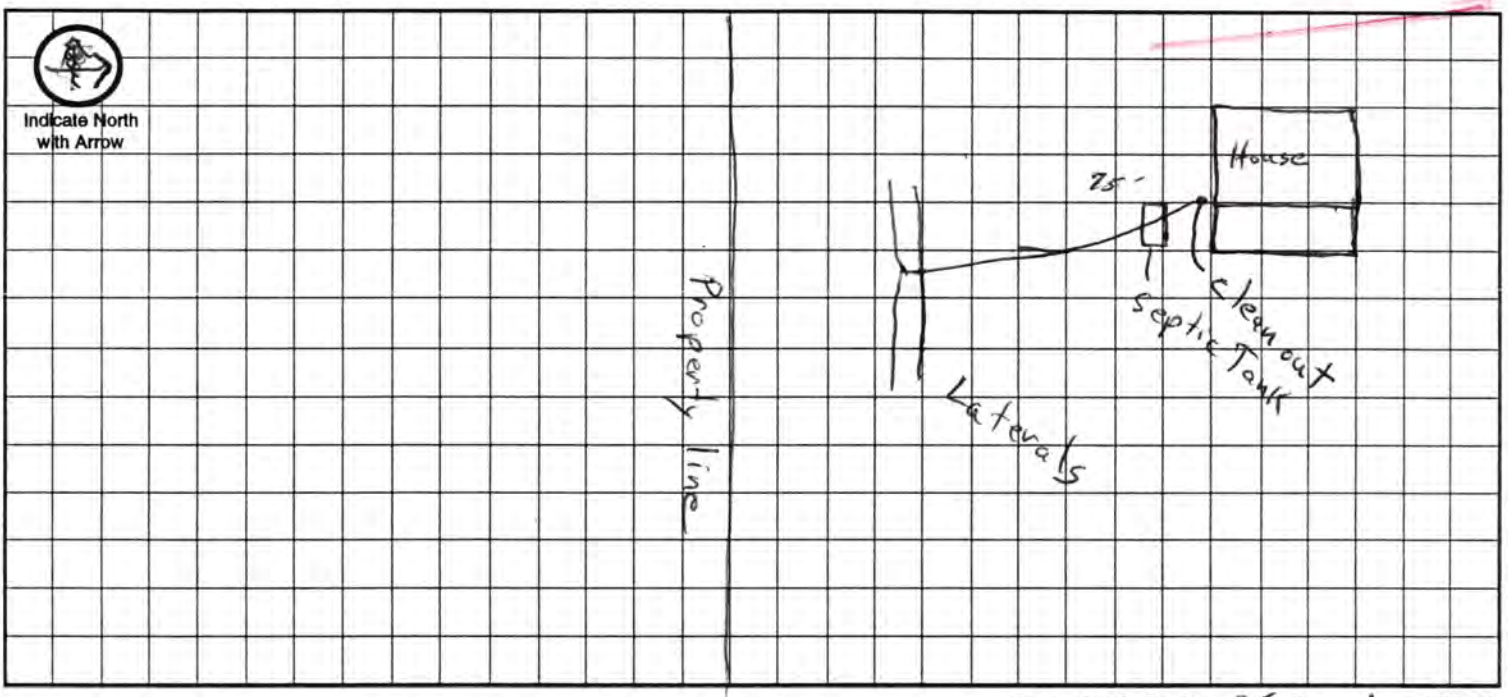
C

Permit Number: 063803141

Sewage Disposal System
Preliminary Plan Specifications

RECEIVED
JAN 10 2006

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: 25 ft. = 1 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 6000 S 114 City Lincoln NE, Zip 68526

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☒ Plastic ☐ Other _____

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

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

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

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

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

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

Total Length of Laterals _____ ft. Number of Trenches _____ Trench Width _____

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

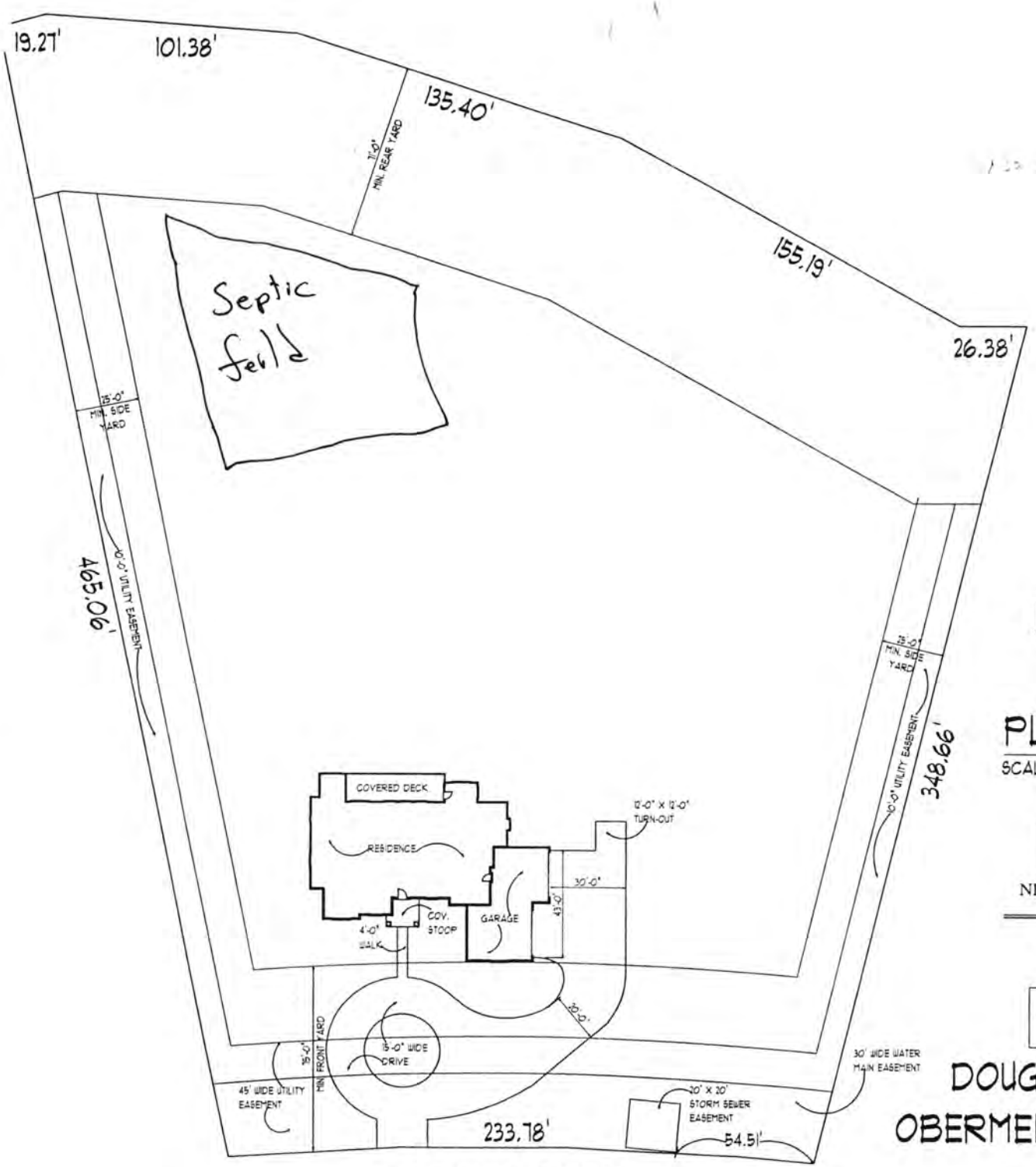
Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☐	500 ☐	50 ☐	NA ☐	25 ☐	20 ☐	15 ☐	25 ☐	☐
Field (ft)	100 ☐	500 ☐	50 ☐	4 ☐	30 ☐	20 ☐	30 ☐	40 ☐	☐
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐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

E. Required Signatures

X Home Building Contractor Douglas D. Oberman Date 12-29-05

Installer Dave Prusa Date 12-29-05

FORM 23-102 10-96



3.04 Acres

LOT 5

PLOT PLAN

SCALE: 1" = 60'-0"

NV INC
NEW VENTURES
Custom home design
The Trade Center
6031 S. 58th Street, Suite C
Lincoln, NE 68516
420-0088

NV27605

DOUG & RHONDA OBERMEIER RESIDENCE

RECEIVED
JAN 10 2006

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 7-18-06

System Location (Indicate correct number and street)

Address 6000 'S' 114th (no rural route) City LINCOLN NE, Zip 68526

N 40° 45.047' W 096° 33.850'

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: 21 ft.
4. Number of clean-outs: 0
5. Distances to: well or suction line NA ft.
   stream NA ft.
   pressure line OVER 25 ft.
   property line OVER 25 ft.

B. Septic Tank

1. Material: CONCRETE
   Number of compartments: 1
2. Capacity: 1500 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: 45 in.
8. Distances to: Well or suction line NA ft.
   Stream NA ft.
   Pressure line OVER 100 ft.
   Property line OVER 25 ft.

C. Distribution Box

1. Material: _____
   Number available outlets: _____
2. Factory built: ☐ Yes ☐ No
3. Distance from septic tank: 53 ft.

D. Absorption Field

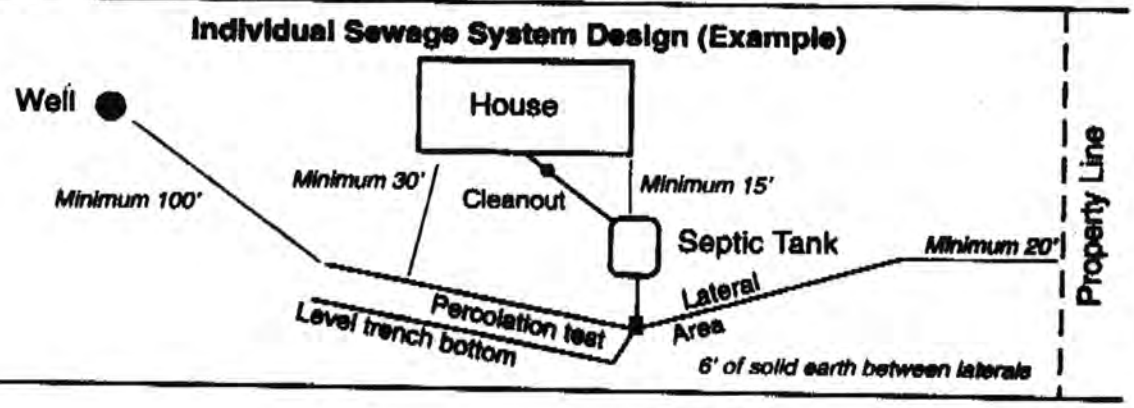
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: 36
   or perforated pipe EQUITRATORS
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: 139 Number 2
   Length of each line: 139 ft. 139 ft.
   121 ft. 139 ft., 121 ft.
3. Trench dimensions: Width 5 ft.
   Slope 0 in/100 ft.
   Average depth 30 in
4. Filter material: SAND
   Depth of material 18 in.
5. Distances to: Well or suction line NA ft.
   Stream NA ft.
   Pressure line OVER 25 ft.
   Property line OVER 20 ft.

Indicate North with Arrow

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

Individual Sewage System Design (Example)

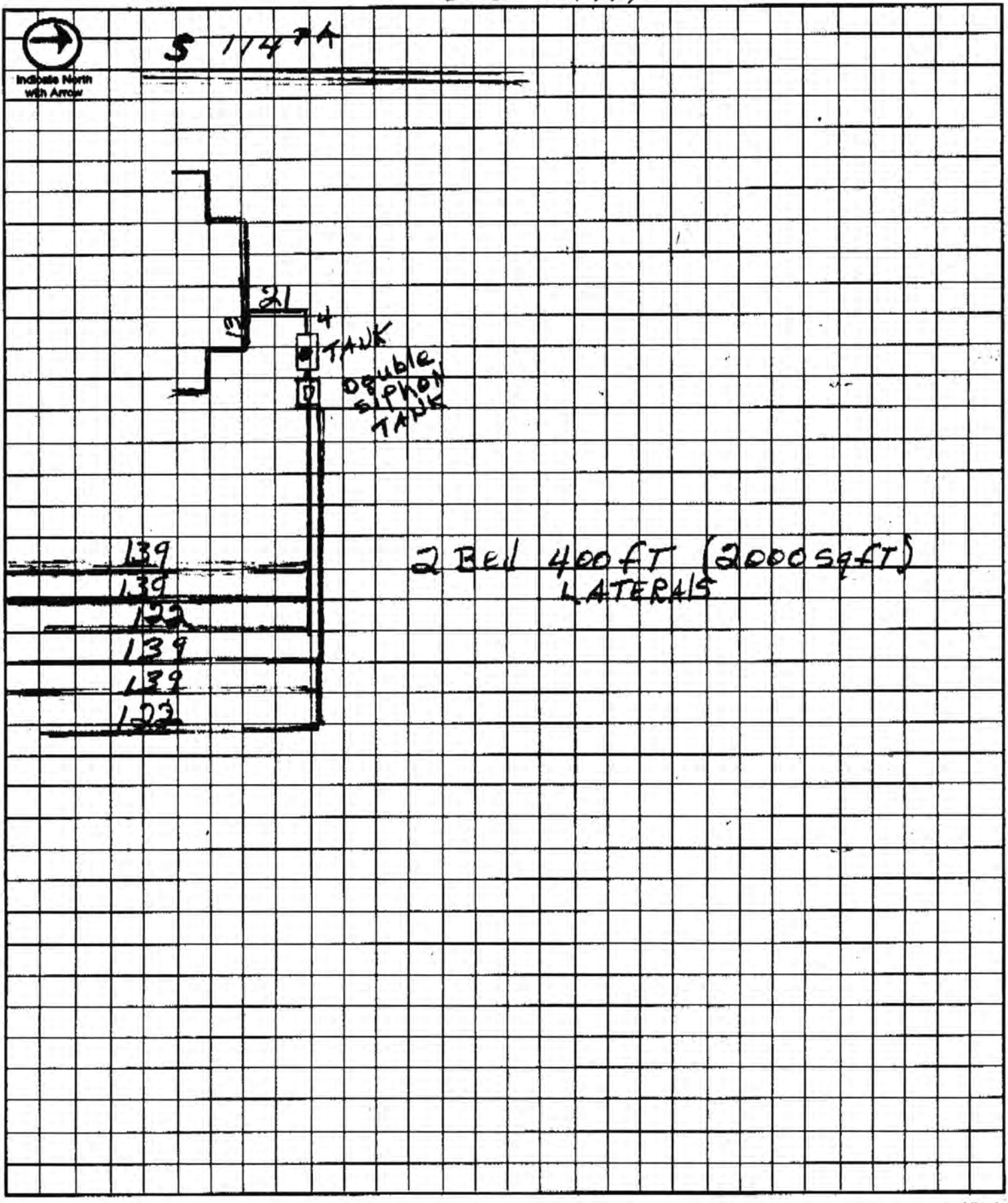


FORM 23-103 10-86

07/18/2006 06:03 14027977475 GAGNER PAGE 02

As Built Drawing

6000 S, 114th



Approximate Scale: _____ ft. = _____ grid lines