Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

003747

(402) 441-8000

Permit SEWAGE INSTALLATION
LAGOON

Permit # 04380279901

Issued 03/30/04
Expires 09/30/04
Revenue Code 3157

Establishment GEORGE STEWART
T9N R5E SEC 3
LOT 8IT
8858 W PIONEERS BLVD-DENTON

FEES: $200.00

Permittee GEORGE STEWART
8600 W PIONEERS BLVD
DENTON NE 68339

TOTAL: $200.00

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

RECEIVED
MAR 2 9 2004

A

Permit Number: 04380279901

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 8858 West Pioneers (no rural route) City DENTEN NE, Zip 68339

Legal Description 1/4 3 1/4 Section 9N Township 5E Range Subdivision Addition Block B.I. Lot

Geographical Location (if known): Longitude _____ Latitude _____

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

B. Owner

Name George S. Stewart Signature George S Stewart

Address 8600 west Pioneer City/State/Zip Denton Ne 68339

☐ Check if owner designed system Home Phone _____ Work Phone _____

C. Contractor

Name MELVIN GAGNER Company Name GAGNER CONST

Address 4810 W' CLAIRE AVE City/State/Zip LINCOLN NE.

☒ Check if contractor designed system Work Phone 432-5698

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

Designer Name Mel Gagner Firm GAGNER CONST Work Phone 432-5698

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 3/30/04 Date frwd 3/31/04 ACTION ☒ Approved ☐ Disapproved Signature Jerold C. Hoo
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 3/31/04 Date frwd 3/31/04 ACTION ☒ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd 3/31/04 Date frwd 3/31/04 ACTION ☒ Approved ☐ Disapproved Signature

6/8/04 Lagoon + line – need fence – completed 7/10/05

Installation Final Written Approval

By Cory Myers

Date 7/10/05

Business Office Use Only 3061

Date Rec'd 3-30-04

Amt Paid 200.00

Rec'd By ew Cash/Check No. 7479

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

Lincoln-Lancaster County Health Department
Environmental Health Division
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B

Permit Number: 043802799

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address _____ City DENTON NE, Zip 68339

(no rural route)
Owner GEORGE S. STEWART Addresss 8600 "W" PIONEER

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

Date of Tests 3/24 to 3/25 Weather: Precipitation cloudy Temperature 71

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	3/24	9:05	3/25	10:00	3/25	10:30	6	3/25	11:00	30	0	
2	31	"	"	"	"	"	"	"	"	"	"	0	
3	30	"	"	"	"	"	"	"	"	"	"	1/8	
4	29	"	"	"	"	"	"	"	"	"	"	0	
5	30	"	"	"	"	"	"	"	"	"	"	0	
6	30	"	"	"	"	"	"	"	"	"	"	0	

Person Conducting Percolation Tests

Name: _____

Phone: _____

Address _____

_____

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

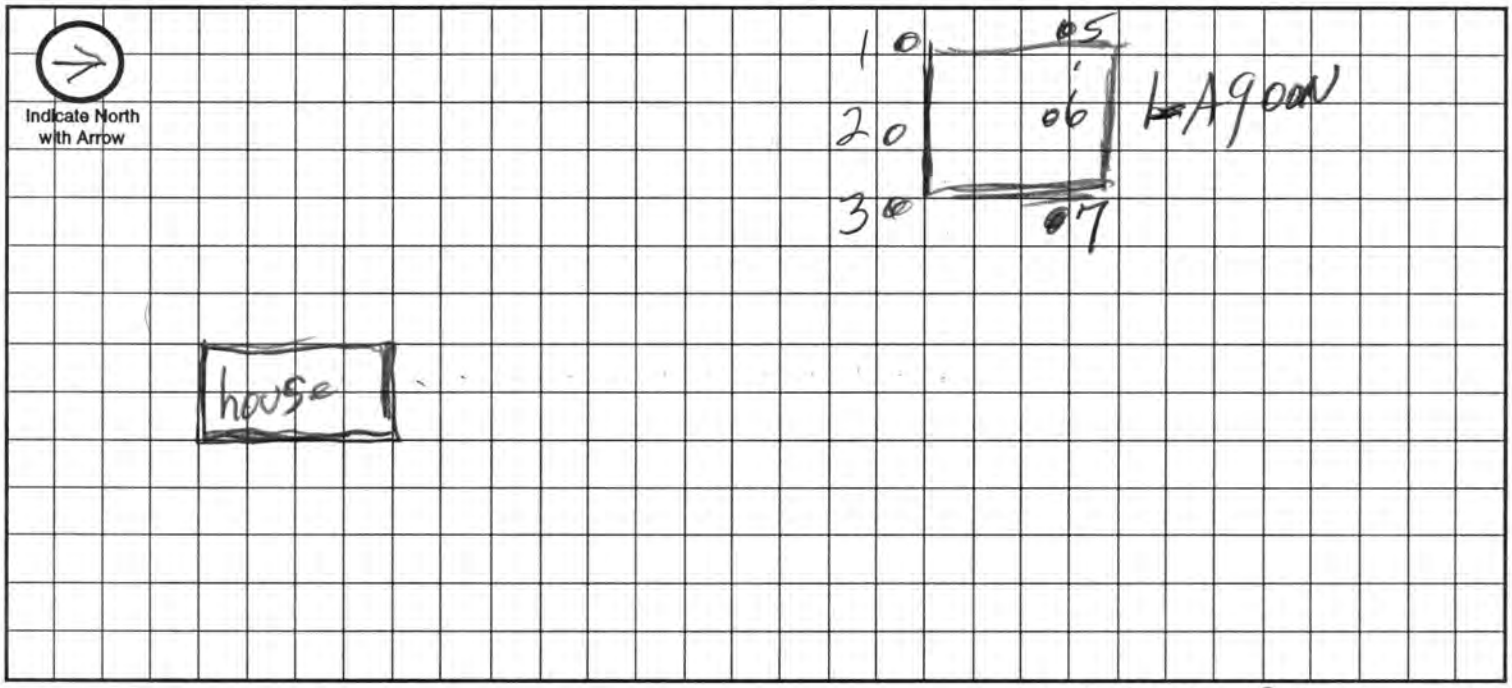
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number:

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: 10 ft. = 1 grid line/s

A. System Location (Indicate correct number and street)

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

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

Home Building Contractor George S. Stewart Date 3/25/04

Installer Melvin F Wagner Date 3/25/04

FORM 23-102 10-96

Lincoln-Lancaster County Health Department
Environmental Health Division
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D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 7 JUNE 04 George Stewart

System Location (Indicate correct number and street)

Address 8856 W PIONEERS BLVD City DENTON NE, Zip 68339
(no rural route)

A. Building Sewer

1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 16 in.
3. Distance between dwelling and septic tank: _____ 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: _____
   Number of compartments: _____
2. Capacity: _____ 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: _____ in.
8. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

C. Distribution Box

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

D. Absorption Field

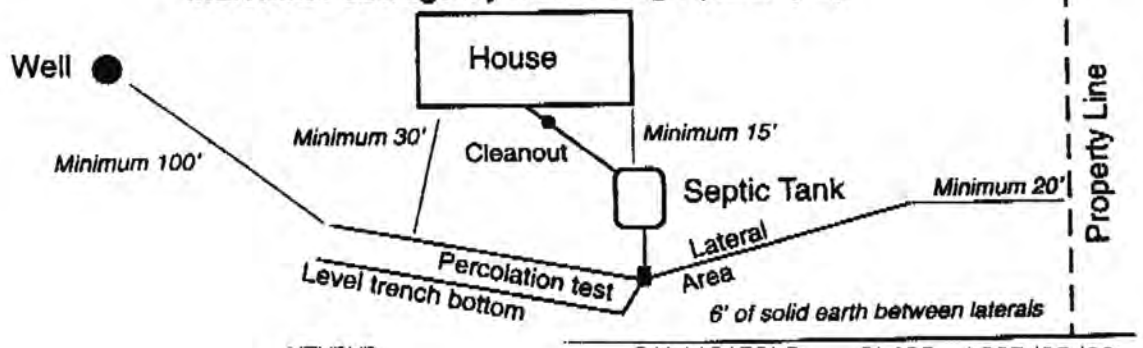
(Provide as-built drawings on back of this form)

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

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

Indicate North with Arrow

Individual Sewage System Design (Example)

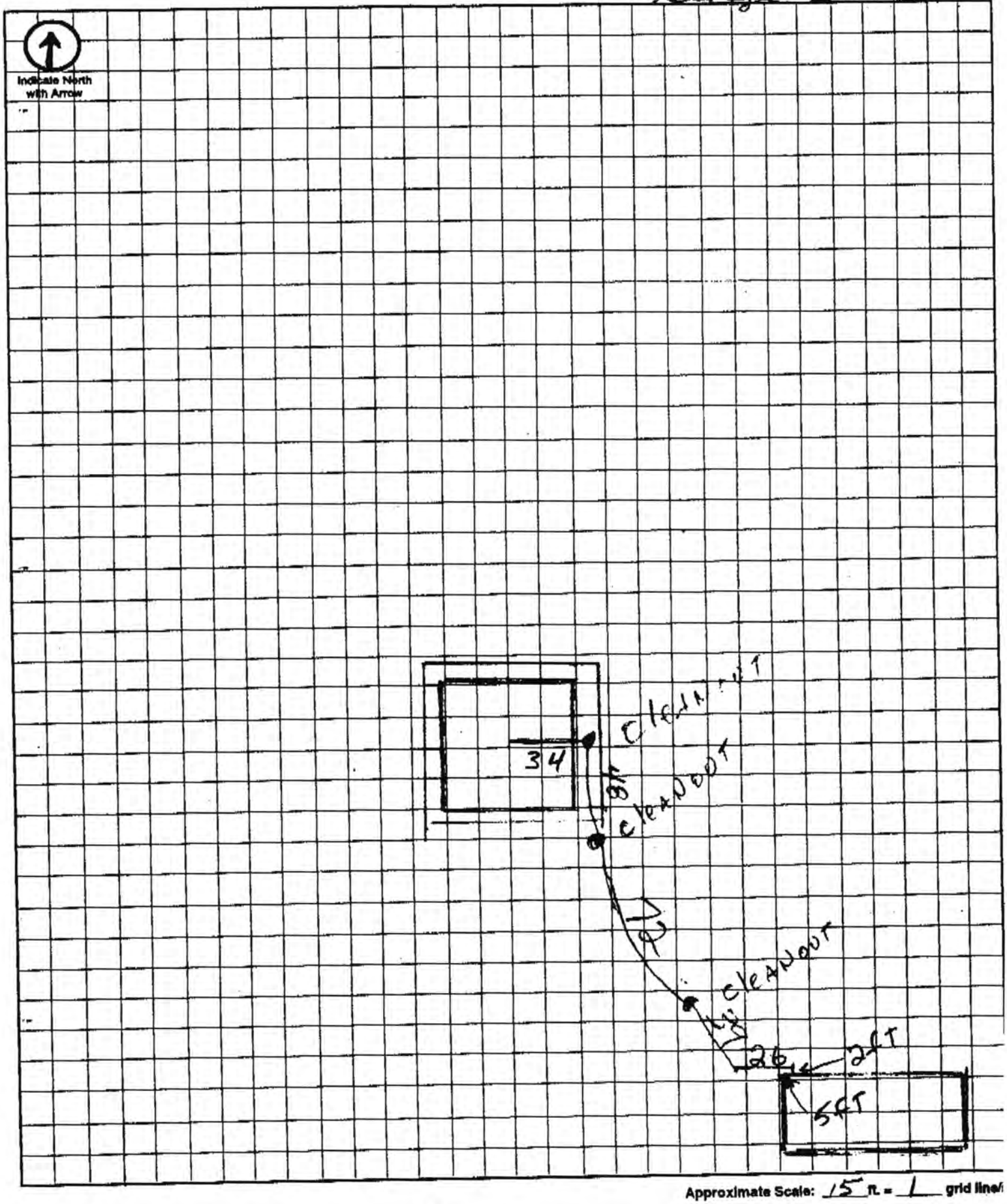


FORM 23-103 10-96

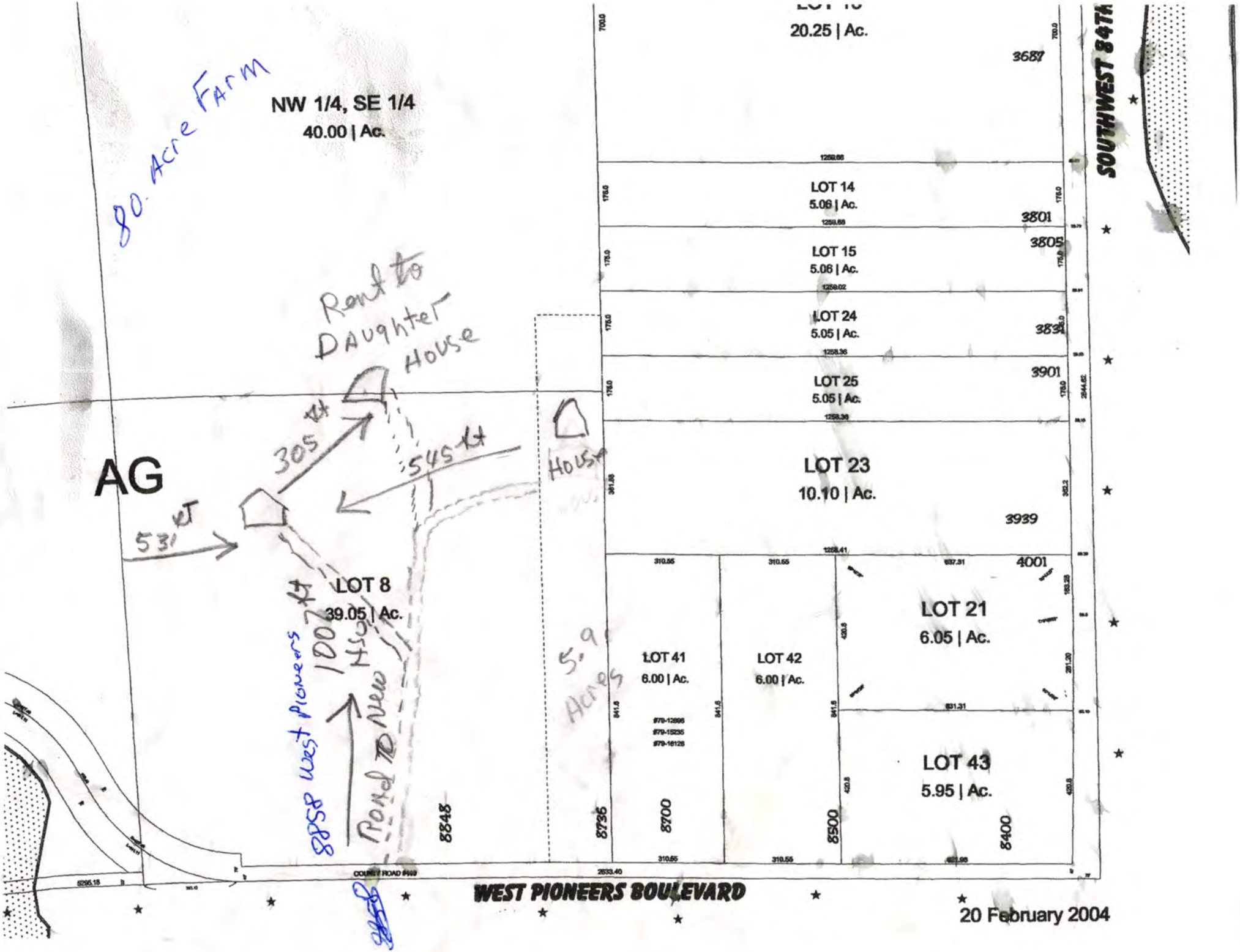
06/18/2004 19:43 14027977475 GAGNER PAGE 02

As Built Drawing

George Stewart



Approximate Scale: 15 ft. = 1 grid line


80 Acre Farm
NW 1/4, SE 1/4
40.00 | Ac.
20.25 | Ac.
3687
LOT 14
5.06 | Ac.
3801
LOT 15
5.06 | Ac.
3805
LOT 24
5.05 | Ac.
LOT 25
5.05 | Ac.
3901
LOT 23
10.10 | Ac.
3939
4001
Rent to
Daughter
House
AG
305 ft
545 ft
House
531 ft
LOT 8
39.05 | Ac.
1007 ft
8858 West Pioneers
Road
5.9
Acres
LOT 41
6.00 | Ac.
LOT 42
6.00 | Ac.
LOT 21
6.05 | Ac.
LOT 43
5.95 | Ac.
8848
8736
8700
8500
8400
SOUTHWEST 84TH
WEST PIONEERS BOULEVARD
20 February 2004