Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

003689

(402) 441-8000

Permit SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 04380279101

Issued 03/12/04
Expires 09/12/04
Revenue Code 3157

Establishment KIM SKILLETT
T9N R5E SEC 11
LOT 15IT
7755 W PIONEER-DENTON

FEES: $200.00

Permittee KIM SKILLETT
6605 W DENTON RD
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

A

Permit Number: 073802T9101

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 7755 W. Pioneer (no rural route) City Denton NE, Zip 68339

Legal Description 11 — 9N 5E 15 N.W.
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 Kim Skillett Signature Kim Skillett

Address 6605 W. Denton Rd City/State/Zip Denton NE 68339

☐ Check if owner designed system Home Phone 7972261 Work Phone 4343620

C. Contractor

Name Jack Craig Company Name Craig Construction Inc

Address 5809 Locust St Lincoln City/State/Zip Lincoln NE 68516

☐ Check if contractor designed system 68516 Work Phone 440-8504

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

Designer Name MELVIN EAGNER Firm EAGNER CONST Work Phone 402-432-5698

E. This System Will Serve a

☒ Residential Dwelling Number of Bedrooms 2 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 3/12/04 Date frwd 3/12/04 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 3-12-04 Date frwd 3-12-04 ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 3/12/04 Date frwd 3/12/04 ACTION ☒ Approved ☐ Disapproved Signature _____

11/18/04 Line tank installed
12/20/04 Laterals

Installation Final Written Approval

By Doug Amsler

Date 12/29/04

Business Office Use Only
Date Rec'd 03/12/04
Amt Paid 200.00
Rec'd By _____ ~~Cash~~/Check No. 5493

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: 043802791

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 7755 W. Pioneer (no rural route) City Denton NE, Zip 68339

Owner Kim Skillett Addresss 6605 W. Denton Rd, Denton NE 68339

Soil Type (SCS): SHARPSBURG SILTY CLAY LOAM. Percolation Rate: 44 min./inch

Date of Tests 11/20/03 to 11/21/03 Weather: Precipitation 0 Temperature 49

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	11/20	9:00	11/21	10:00	11/21	10:00	6	11/21	10:30	30	5/8	48 MIN/IN
2	29	"	"	"	"	"	"	"	"	"	"	3/4	40 MIN/IN
3	30	"	"	"	"	"	"	"	"	"	"	5/8	48 MIN/IN
4	30	"	"	"	"	"	"	"	"	"	"	1/2	60 MIN/IN
5	29	"	"	"	"	"	"	"	"	"	"	3/4	40 MIN/IN
6	30	"	"	"	"	"	"	"	"	"	"	3/4	40 MIN/IN

Sum of Percolation Rates:

Average of Rates:

Rate Used for Calculation:

Person Conducting Percolation Tests

Name: Melvin Wagner

Phone: 402-432-5698

Address 4810 "W" Claire Ave Lincoln NE. 68523

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date MARCH 12, 2004

FORM 23-101 10-96

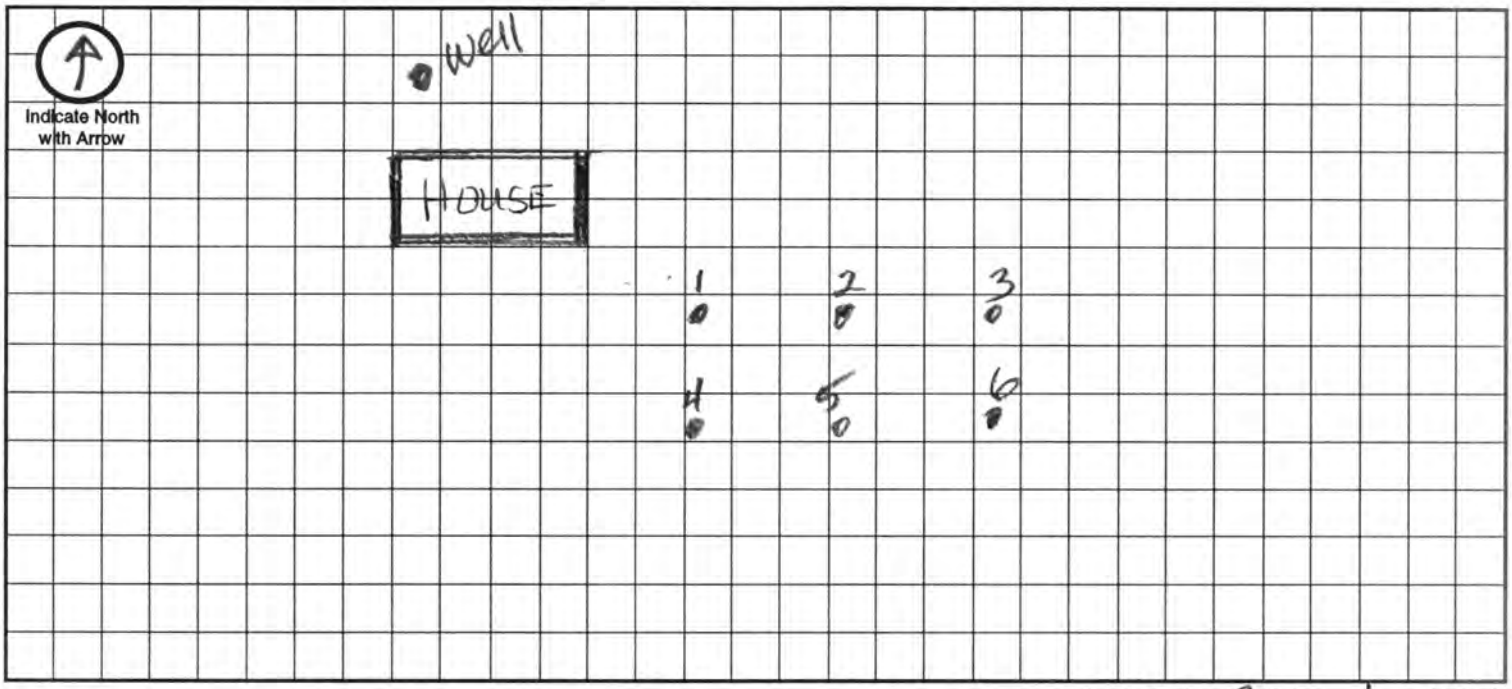
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 04380279I

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: 20 ft. = 1 grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 7755 W. Pioneer City Denton NE, Zip NE 68339

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 44 (min. per inch) Soil Type: SHARPSBURG SILTY CLAY LOAM Land Slope: _____ %

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

Total Square Feet of Field Required: 660 sq. ft.

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

Capacity of Septic Tank 1000 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 165 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 Jack Craig Date _____

Installer Melvin F. Dagner Date 3/12/04

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 22 Dec 04

System Location (Indicate correct number and street)
Address 7755 "W" Pioneer Blvd 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: 18 in.
3. Distance between dwelling and septic tank: 30 ft.
4. Number of clean-outs: 0
5. Distances to: well or suction line _____ ft.
   stream _____ ft.
   pressure line _____ ft.
   property line _____ ft.

B. Septic Tank

1. Material: CEMENT
   Number of compartments: 1
2. Capacity: 1000 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: 24 in.
8. Distances to: Well or suction line OVER 100 ft.
   Stream NA ft.
   Pressure line OVER 30 ft.
   Property line OVER 100 ft.

C. Distribution Box

1. Material: _____
   Number available outlets: 6
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 80 ft.

D. Absorption Field

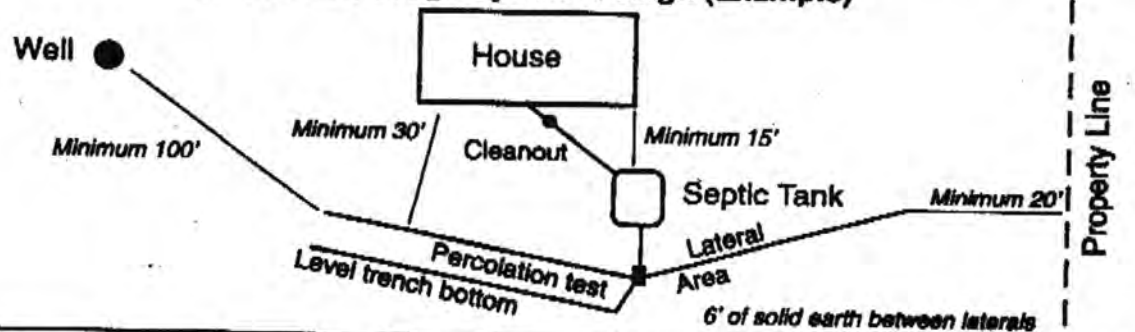
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☒ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: 4
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other PVC
2. Lateral lines: Number 2
   Length of each line: 150 ft. 150 ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 36 ft.
   Slope 0 in/100 ft.
   Average depth 24 in
4. Filter material: GRAVEL
   Depth of material 12 in.
5. Distances to: Well or suction line 150 ft.
   Stream NA ft.
   Pressure line OVER 100 ft.
   Property line OVER 150 ft.

Indicate North with Arrow

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

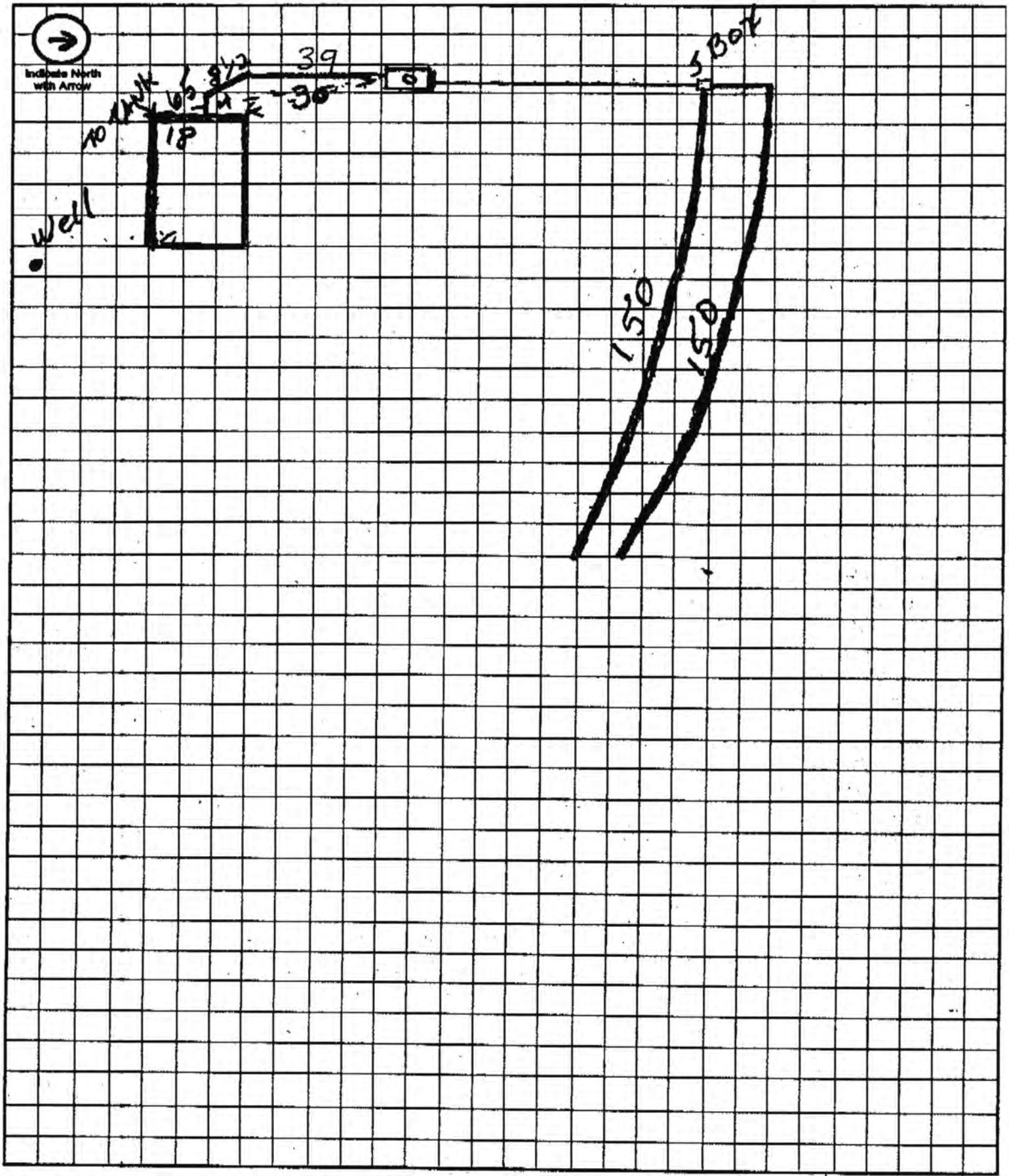
Individual Sewage System Design (Example)



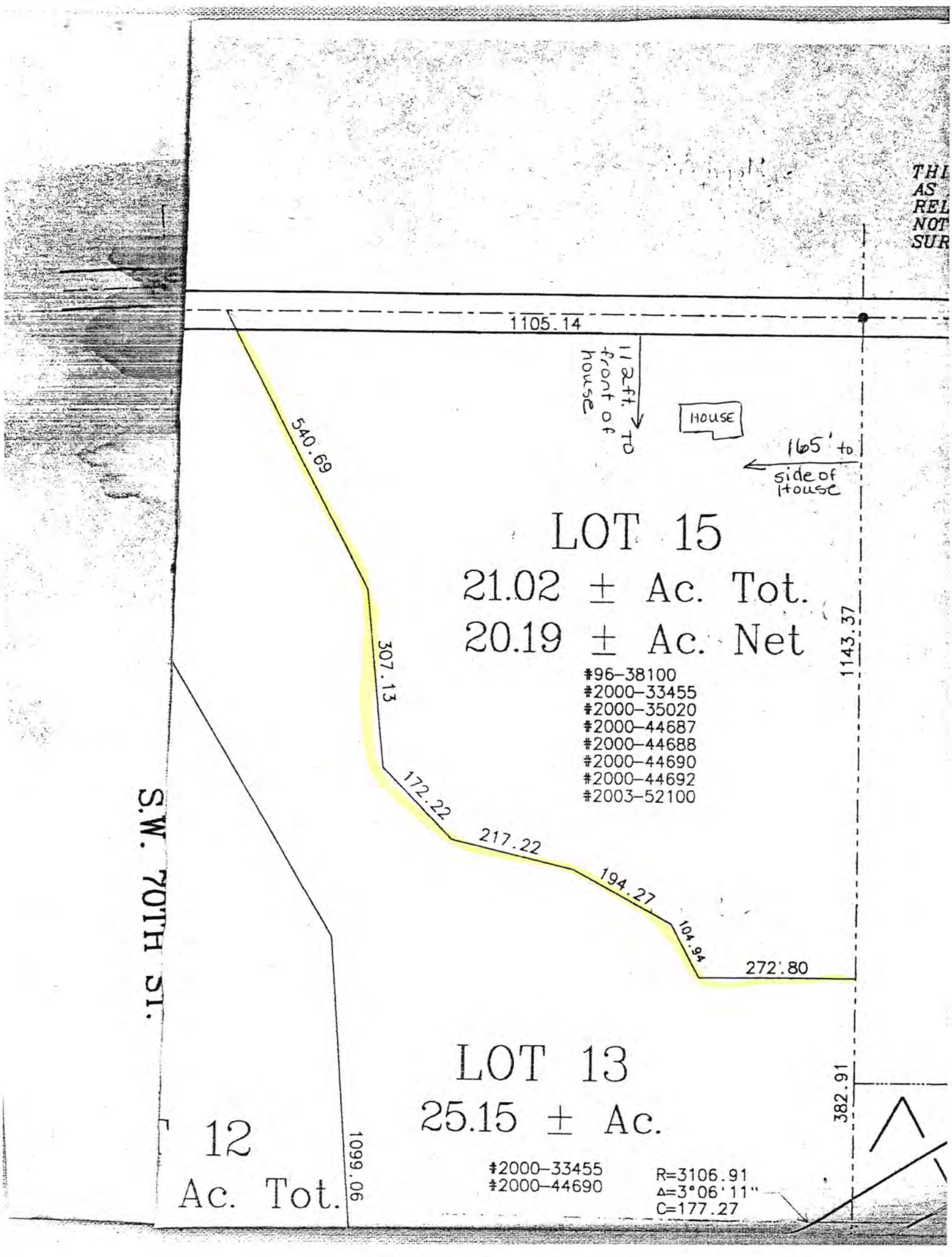
FORM 23-103 10-95

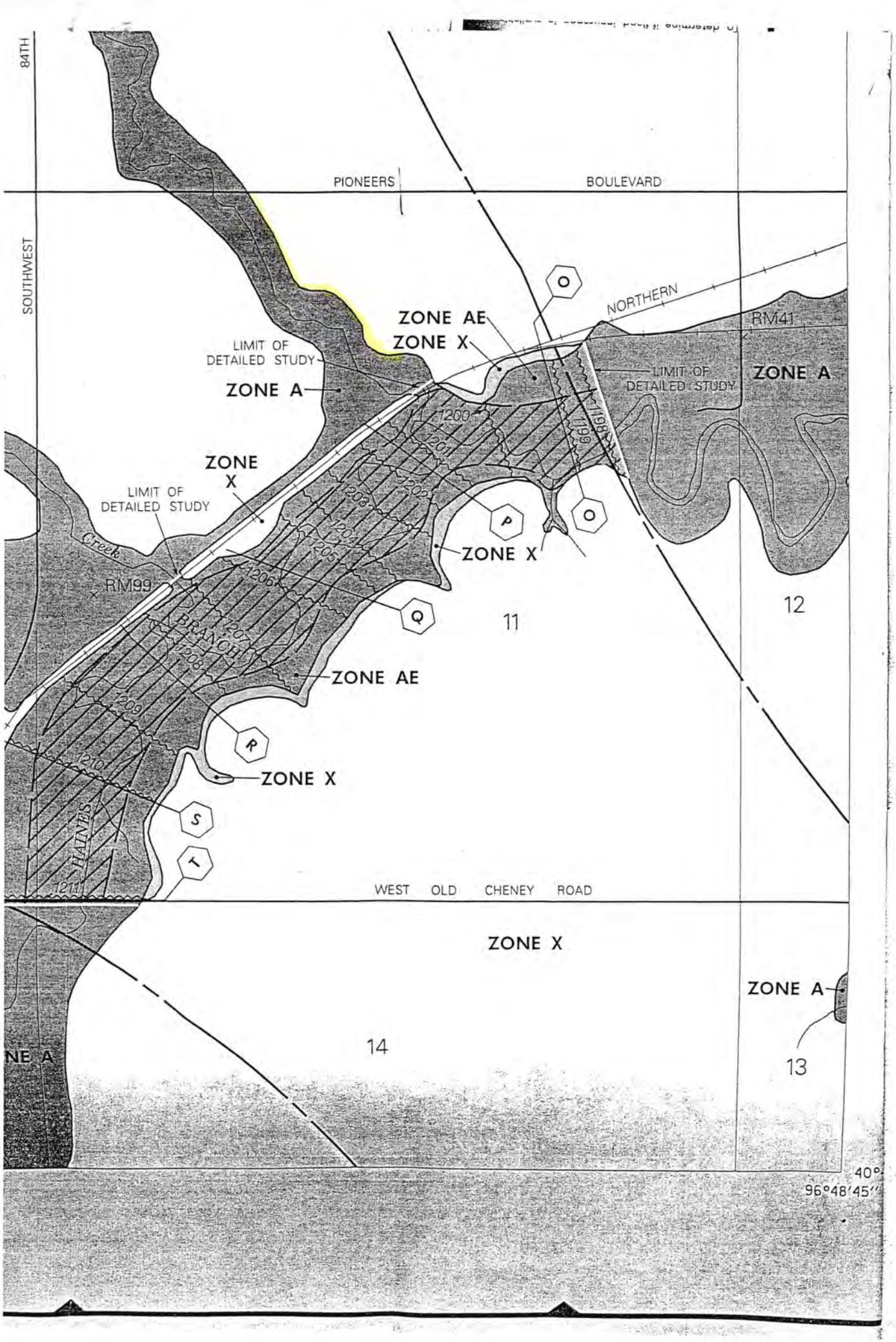
12/21/2004 22:05 14027977475 GAGNER PAGE 02

As Built Drawing



Approximate Scale: 10 ft. = 1 grid line/s


THI
AS
REL
NOT
SUR
1105.14
112ft. TO front of house
HOUSE
165' to side of House
540.69
307.13
172.22
217.22
194.27
104.94
272.80
1143.37
LOT 15
21.02 ± Ac. Tot.
20.19 ± Ac. Net
#96-38100
#2000-33455
#2000-35020
#2000-44687
#2000-44688
#2000-44690
#2000-44692
#2003-52100
S.W. 70TH ST.
LOT 13
25.15 ± Ac.
12
Ac. Tot.
1099.06
382.91
#2000-33455
#2000-44690
R=3106.91
Δ=3°06'11"
C=177.27


84TH
SOUTHWEST
PIONEERS
BOULEVARD
NORTHERN
RM41
ZONE AE
ZONE X
LIMIT OF DETAILED STUDY
ZONE A
LIMIT OF DETAILED STUDY
ZONE A
1200
1201
1199
1198
ZONE X
LIMIT OF DETAILED STUDY
1202
1203
1204
1205
1206
RM99
Creek
BRANCH
1207
1208
1209
1210
1211
HAINES
ZONE AE
ZONE X
ZONE X
11
12
WEST OLD CHENEY ROAD
ZONE X
ZONE A
14
13
NE A
40°
96°48'45"