Lincoln-Lancaster County Health Department

ENVIRONMENTAL HEALTH DIVISION

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

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 02380248701

Issued 06/07/02
Expires 12/07/02
Revenue Code 3157

Establishment

RONALD HATLEY
T8N R6E SEC 3 QTR SW
3.8 ACRES
12800 SW 14 ST-ROCA

FEES: $200.00

Permittee

RONALD HATLEY
2100 S CANTERBURY LN
LINCOLN NE 68512

TOTAL: $200.00

Bruce D. Dart

Bruce D. Dart, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

002420

A

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

Permit Number: 02380248701

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 12800 SW 14TH ST. (no rural route) City ROCA NE, Zip 68430

Legal Description S.W. 1/4 3 8N 6E EAST OF THE 6TH PM. [redacted]
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 RONALD HATLEY Signature Ronald Hatley

Address 2100 S. Canterbury Ln. City/State/Zip LINCOLN, NE. 68512

☑ Check if owner designed system Home Phone 423-7684 Work Phone Same. 794-6786

C. Contractor

Name Ronald Hatley. 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 _____ Firm _____ Work Phone _____

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 6-7-02 Date frwd 6-7-02 **ACTION** ☑ Approved ☐ Disapproved Signature [signature]
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 8-29-02 Date frwd 8-29-02 **ACTION** ☑ Approved ☐ Disapproved Signature [signature]
3. **City or County Engineer** Date rec'd 8-30-02 Date frwd 8-30-02 **ACTION** ☑ Approved ☐ Disapproved Signature [signature]

Tank + line - 6/14/02 DS
+ lateral - Need drawing

Installation Final Written Approval

By [signature]

Date 9/5/02

Business Office Use Only

Date Rec'd 6/7/02
Amt Paid 200.00.
Rec'd By CW Cash/Check No. 3662

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: 023802487

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 12800 SW 14th ST, (no rural route) City ROCA NE, Zip 68430

Owner RONALD HATLEY Address 2100 S. CANTERBURY L,

Soil Type (SCS): Wymore silty clay loam 3-8-6 Percolation Rate: _____ min./inch

Date of Tests _____ to _____ Weather: Precipitation 3" AFTER HOLES WERE DUG. Temperature 95° DAY OF PRE AND TESTS

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	48	6-4	2:08	6-4	6:08	6-5	5:30	33 7/8	6-5	6:08	34	7/8"	.025
2	48	"	2:11	"	6:11	6-5	5:33	33 1/2	6-5	6:04	31	-1 1/2	.048
3	48	"	2:14	"	6:14	"	5:35	32 1/8	6-5	6:07	32	-1 1/8	.039
4	48	"	2:16	"	6:16	"	5:38	30 5/8	"	6:09	31	-1 1/8	.043
5	48	"	2:18	"	6:18	"	5:41	31	"	6:12	31	-3/4	.024
6	48	"	2:22	"	6:22	"	5:44	32 7/8	"	6:14	30	-7/8	.029
7	48	"	2:25	"	6:25	"	5:47	32 1/4	"	6:17	30	-1 1/4	.041
8	48	"	2:28	"	6:28	"	5:49	30	"	6:21	32	-1"	.031
9	48	"	2:31	"	6:31	"	5:52	32 7/8	"	6:24	32	-7/8	.027
10	48	"	2:40	"	6:40	"	5:54	30 1/8	"	6:28	34	-1 1/8	.036

Sum of Percolation Rates: ~~10.625~~ 308.08 " 30.8 ~~+.0625~~

Average of Rates: 30.8 ~~+.0625~~ 30 mpi

Rate Used for Calculation: ~~1.0625" ?~~ 1" in 30 min

Person Conducting Percolation Tests

Name: Ronald Hatley

Phone: 423-7684

Address 2100 S. CANTERBURY L,
LINCOLN, NE. 68512

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

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 6-2-02

System Location (Indicate correct number and street)

Address 12800 SW. 14TH ST. (no rural route) City ROCA NE, Zip 68430

A. Building Sewer

1. Material: _____
   Diameter: _____ in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: _____ 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: CONCRETE
   Number of compartments: 2 STD. PRECAST
2. Capacity: 1000 [redacted] gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter STD. 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: 12 in.
8. Distances to: Well or suction line 50 ft.
   Stream N/A ft.
   Pressure line 50 ft.
   Property line ~~[redacted]~~ 130 FT. ft.

C. Distribution Box

1. Material: ~~CONCRETE~~ PLASTIC
   Number available outlets: ?
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: ~~[redacted]~~ 20 ft.

D. Absorption Field

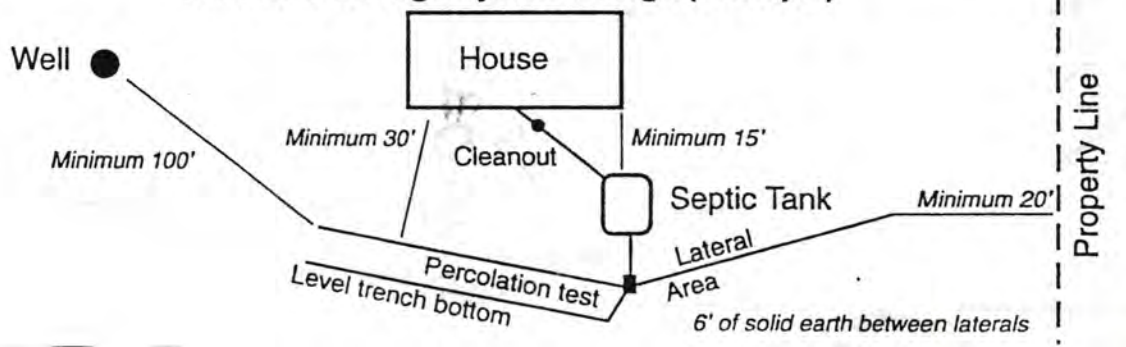
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☑ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: 4 "
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 2
   Length of each line: 100 ft. ft. _____ ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 3 ft. ft.
   Slope Level. in/100 ft.
   Average depth 48 in
4. Filter material: GRAVEL.
   Depth of material 6" UNDR. & 2" OVER PIPE in.
5. Distances to: Well or suction line 150 ft.
   Stream N/A. ft.
   Pressure line 100 ft.
   Property line ~~[redacted]~~ 75 ft.

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

Indicate North with Arrow

Individual Sewage System Design (Example)



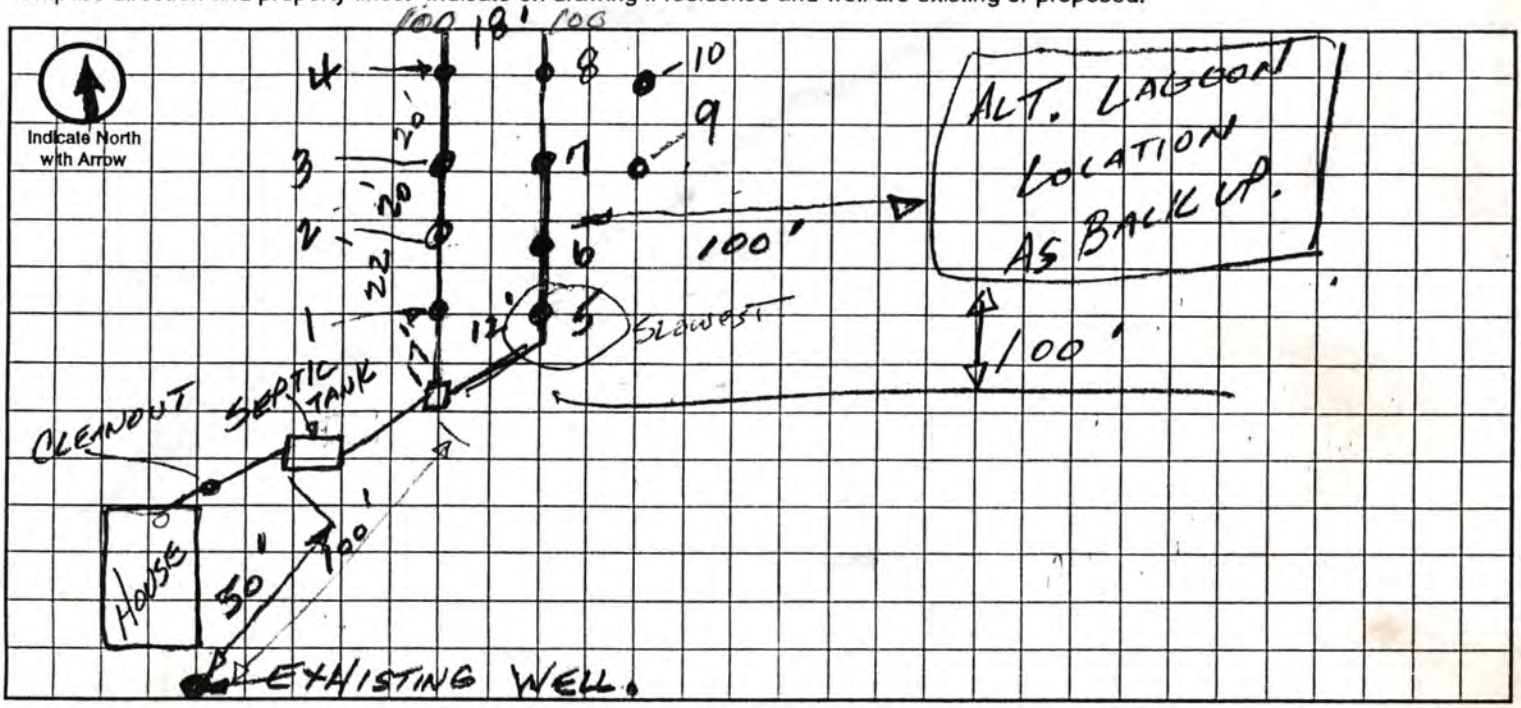
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

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: _____ ft. = _____ grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 12800 SW 14 TH ST. 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 30 (min. per inch) Soil Type: Wymore Land Slope: 1% %

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

Total Square Feet of Field Required: 500 sq. ft. $3\overline{)500}^{166}$ $2\overline{)50}^{25}$

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 166 ft. Number of Trenches 2 Trench Width 36"

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 Ronald Hatley Date 6-2-02

Installer Ronald Hatley Date 6-2-02

FORM 23-102 10-96

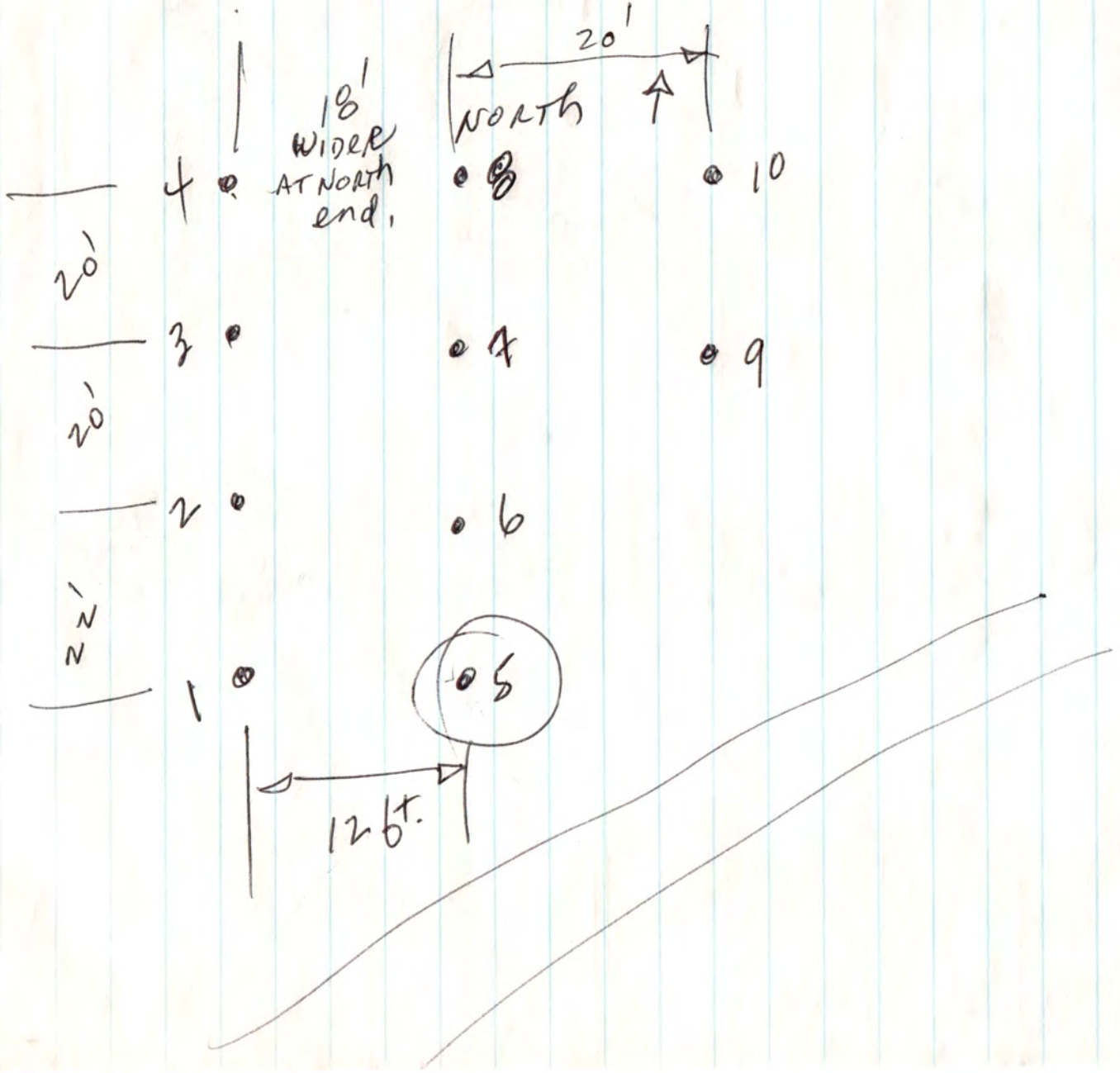

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(Joins sheet 40)
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T. 8 N.
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BpF
JuC
WtC2
WtD3
WtD
Cp
PaC2
ShD2
ShC
CrB
MeC2
MrD
MhC3
MtC3
PbC3
WtB
Wt
No
Ke
Bu
Wittstruck
77
55F
3
2
10
11
15
14
33

8" DIA. Holes. x 48" Deep w/ 2" GRAVEL.

Ron Hatley.

6-5-02

HOCE PLAT.



8" DIA x 48" DP
w/ 2" GRAVEL.

DISTANCE DOWN FROM NAIL TO TOP OF 12" WATER COLUMN

Ron Hatley

6-4-02

Pre Soak

Hole	START FILL MEASURE DOWN		FIRST REFILL		SECOND REFILL	START @	THIRD Refill	START @	FINAL TOP OFF TO 12" OF WATER.	
1	2:08 PM	32"	3:10	-5" DROP	-1½"	3:40	-1½"	5:20	1½"	@ 6:0
2	2:11	32"	3:13	-5"	-2"		-2"		2"	6:11
3	2:14	32"	3:15	-5"	-2"		-1½"		1½"	6:14
4	2:16	28"	3:17	-8"	-2"		-4"		1½"	6:16
5	2:18	30"	3:22	5"	-2"		-1½"		1½"	6:18
6	2:22	31"	3:26	5½"	-2½"		-2"		1½"	6:22
7	2:25	30"	3:30	7"	-2½"		-2"		1½"	6:25
8	2:28	29"	3:33	6"	-2"		-2"		1½"	6:28
9	2:31	28"	3:35	6½"	-1½"		-1½"		1½"	6:31
10	2:40	30"	3:38	8"	-2"		-2"		1½"	6:40

Covers All Holes Overnight

page 1 6-5-02 Ronald W. Hatley.

Percolation Readings for Holes 1 thru 10

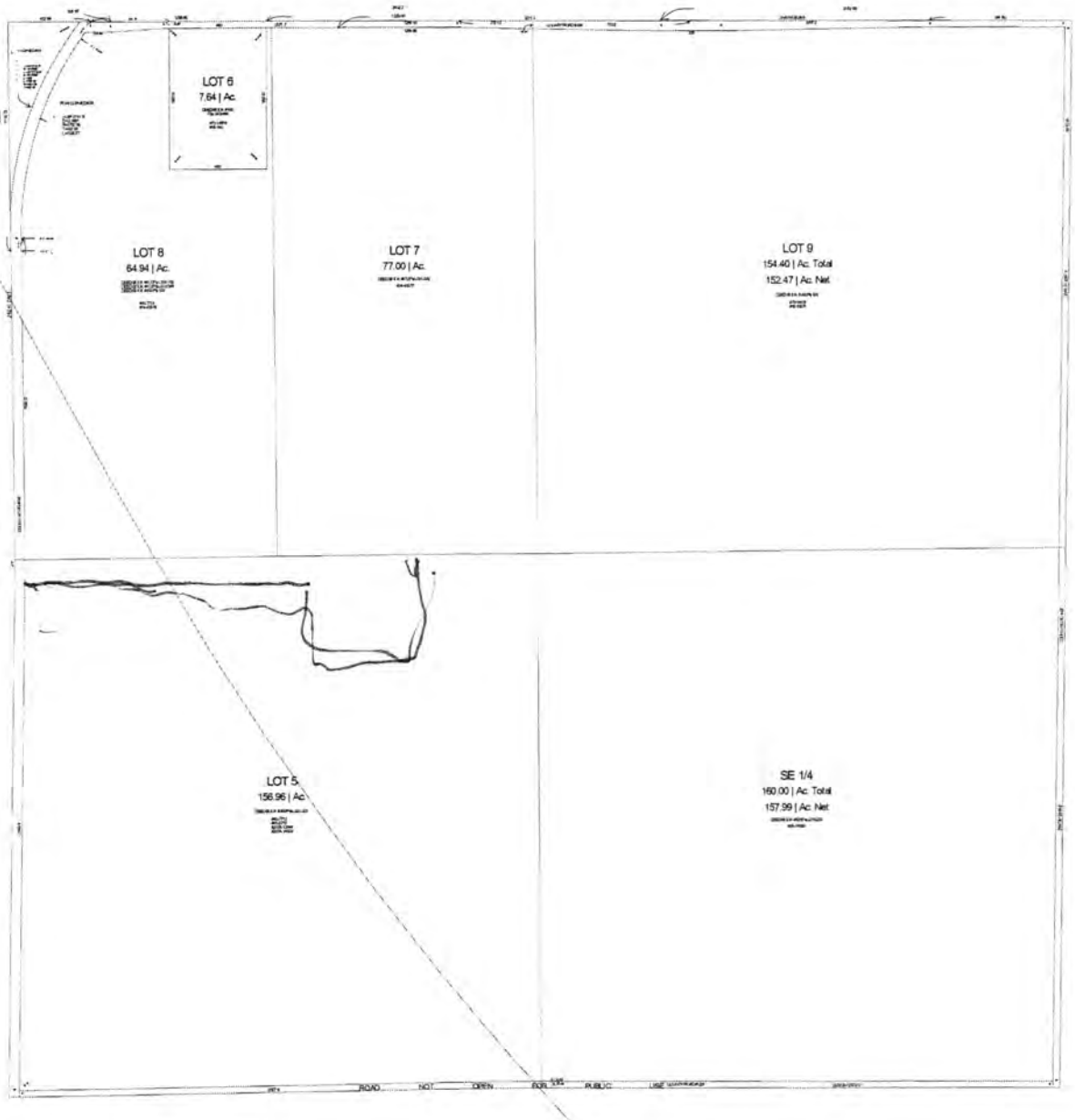
START @	Hole 1 2:00 Base Dim 33" w/ 6" water	Hole 2 2:04 (32")	Hole 3 2:07 (31")	Hole 4 2:09 (29 1/2")	Hole 5 2:11 (30 1/4")	Hole 6 2:14 (32")	From nail to top of 6" water = Baseline Dim's.
30 min	2:33 — 34 3/4 − 1 3/4 refill	2:35 — 35" − 3" refill	2:37 — 33 3/8 − 2 3/8 refill	2:39 — 32 1/2 − 3" refill	2:41 — 31 1/2 − 1 1/4 refill	2:43 — 34" − 2" refill	
1 Hr	3:00 — 34 1/2" − 1 1/2" refill	3:03 — 34 1/2 − 2 1/2 refill	3:06 — 33 5/8 − 2 5/8 refill	3:09 — 32 3/8 − 2 7/8 refill	3:11 — 31 1/4 − 1"	3:13 — 33 1/2" − 1 1/2" refill	
1 1/2 Hr	3:30 — 34 3/8 − 1 3/8 Refill	3:35 — 34 3/8 − 2 3/8 refill	3:37 — 33 1/4 − 2 1/4 refill	3:39 — 31 3/4 − 2 1/4 refill	3:42 — 32 1/4 − 1" refill	3:46 — 33 3/8 − 1 3/8 refill	
2 Hr	4:00 — 34 1/4 − 1 1/4 refill	4:02 — 34 1/8 − 2 1/8 refill	4:04 — 32 3/4 − 1 3/4 refill	4:07 — 31 1/2" − 2" refill	4:10 — 31 1/4 − 1" refill	4:14 — 33 1/8 − 1 1/8 refill	
2 1/2 Hr	4:30 — 34 1/8 − 1 1/8 refill	4:33 — 34" − 2" refill	4:36 — 32 3/4 − 1 3/4 refill	4:39 — 31 1/4 − 1 3/4 refill	4:42 — 31 1/4 − 1" refill	4:46 — 33" − 1" refill	
3 hr	5:00 — 34 1/8 − 1 1/8 refill	5:05 — 31 3/4 − 1 3/4 refill	5:08 — 32 5/8 − 1 5/8 refill	5:09 — 31 1/4 − 1 3/4 refill	5:11 — 31 1/4 − 1" refill	5:14 — 33" − 1" refill	
3 1/2 hr	5:30 — 34" − 1" refill	5:33 — 33 5/8 − 1 5/8 refill	5:35 — 32 5/8 − 1 5/8 refill	5:38 — 30 7/8 − 1 3/8 refill	5:41 — 31 1/8 − 7/8 refill	5:44 — 33" − 1" refill	
4 hr	6:00 — 33 7/8 (−7/8)	6:04 — 32 1/2 (−1 1/2)	6:07 — 32 1/8 (−1 1/8)	6:09 — 30 5/8 (−1 1/8)	6:12 — 31" (−3/4")	6:14 — 32 7/8 (−7/8)	

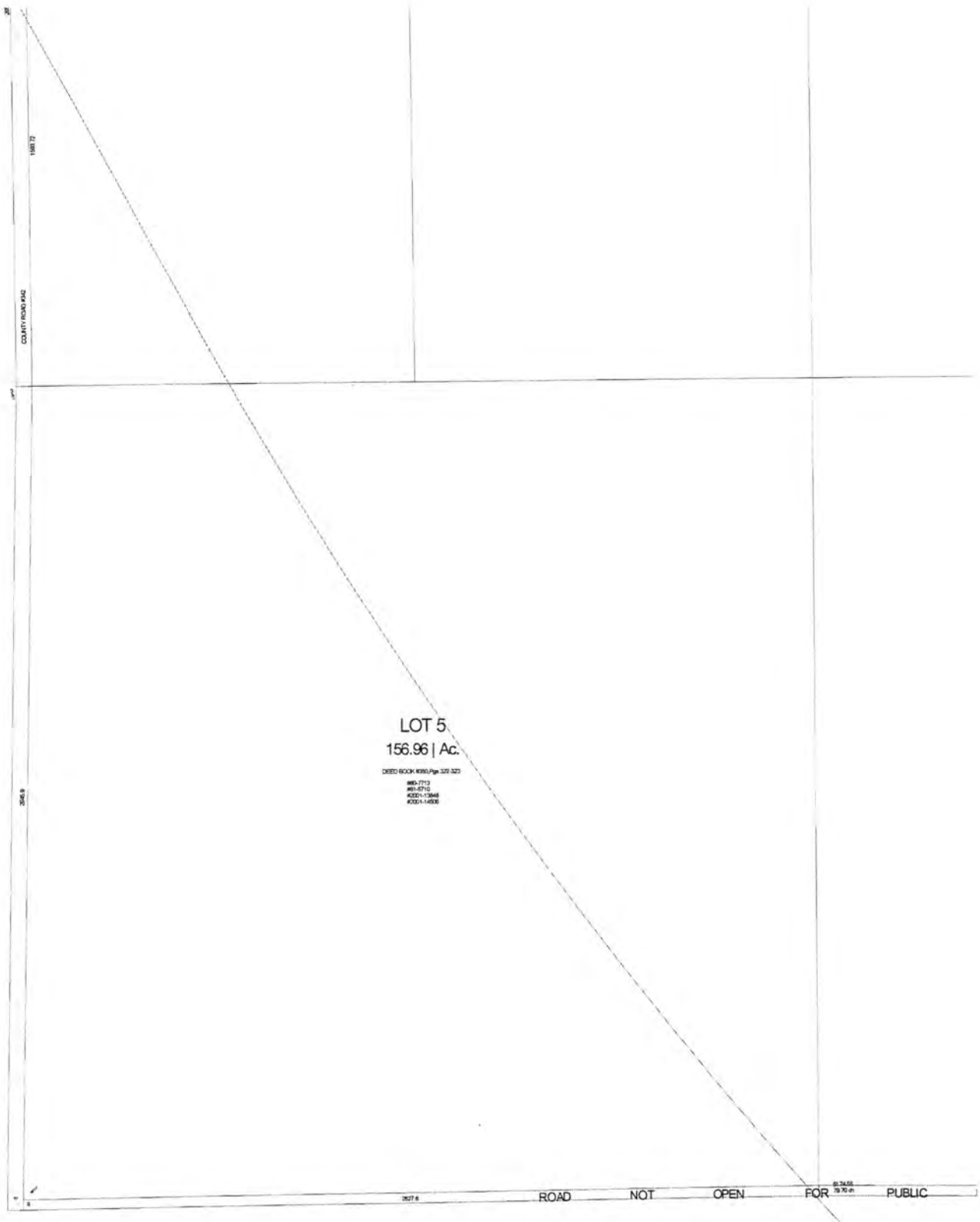
6-5-02 Page 2 Ron Hatley

For Holes 7 - 10

START	Hole 7 START 2:17 (32") BASE DIM: TO 6" WATER LEVEL	Hole 8 2:20 (29")	Hole 9 2:23 (32")	Hole 10 2:27 (29") ← Baseline DIM, From NAIL To 6" water level.
30 MIN,	2:47 P.M. 34 1/2" - 2 1/2" refill	2:49 31 1/8 - 2 1/8 refilled	2:53 33 3/4" - 1 3/4" refill	2:56 31 3/4 - 2 3/4 refill
1 HR,	3:15 + 34" - 2" refill 3/4 overfill	3:18 31 1/8 - 2 1/8, refilled	3:21 33 5/8 - 1 5/8 refill	3:25 31 3/4 - 2 3/4 refill
1 1/2 HR	3:49 33 7/8 - 1 7/8 refill	3:51 ★ ERROR 29 7/8 - 7/8 ?	3:55 33 1/2, refill 1 1/2	3:59 30 7/8" refill - 1 7/8
2 HR	4:16 33 1/8 - 1 1/8, refill	4:19 ? 30 7/8 - 1 7/8 refilled	4:23 33 1/4 - 1 1/4 refill	4:26 30 3/4 - 1 3/4 refill
2 1/2 HR	4:49 overfill TO 31" Used 31" as base 32 3/8 - 1 3/8	4:53 30 1/4" - 1 1/4" refilled	4:55 33" - 1 1/1 refill	4:59 30 3/4 - 1 3/4, refill
3 HR	5:17 32 3/8 - 1 3/8 refilled	5:21 30 1/8" - 1 1/8" refilled	5:24 33 1/8 - 1 1/8 refill	5:27 30 5/8 - 1 5/8 refilled
3 1/2 HR	5:47 32 3/8 - 1 3/8 refilled	5:49 30 1/4" - 1 1/4" refilled	5:52 33" - 1 1/1 refill	5:54 30 1/2" - 1 1/2"
4 HR	6:17 32 1/4 (1 1/4)	6:21 30" - 1 1/1	6:24 32 7/8 (- 7/8)	6:28 30 1/8" (- 1 1/8")


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T. 8 N.
1385 000 FEET
BpF
JuC
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LOT 6
7.64 | Ac.
LOT 8
64.94 | Ac.
LOT 7
77.00 | Ac.
LOT 9
154.40 | Ac. Total
152.47 | Ac. Net
LOT 5
156.96 | Ac.
SE 1/4
160.00 | Ac. Total
157.99 | Ac. Net
ROAD NOT OPEN FOR PUBLIC USE

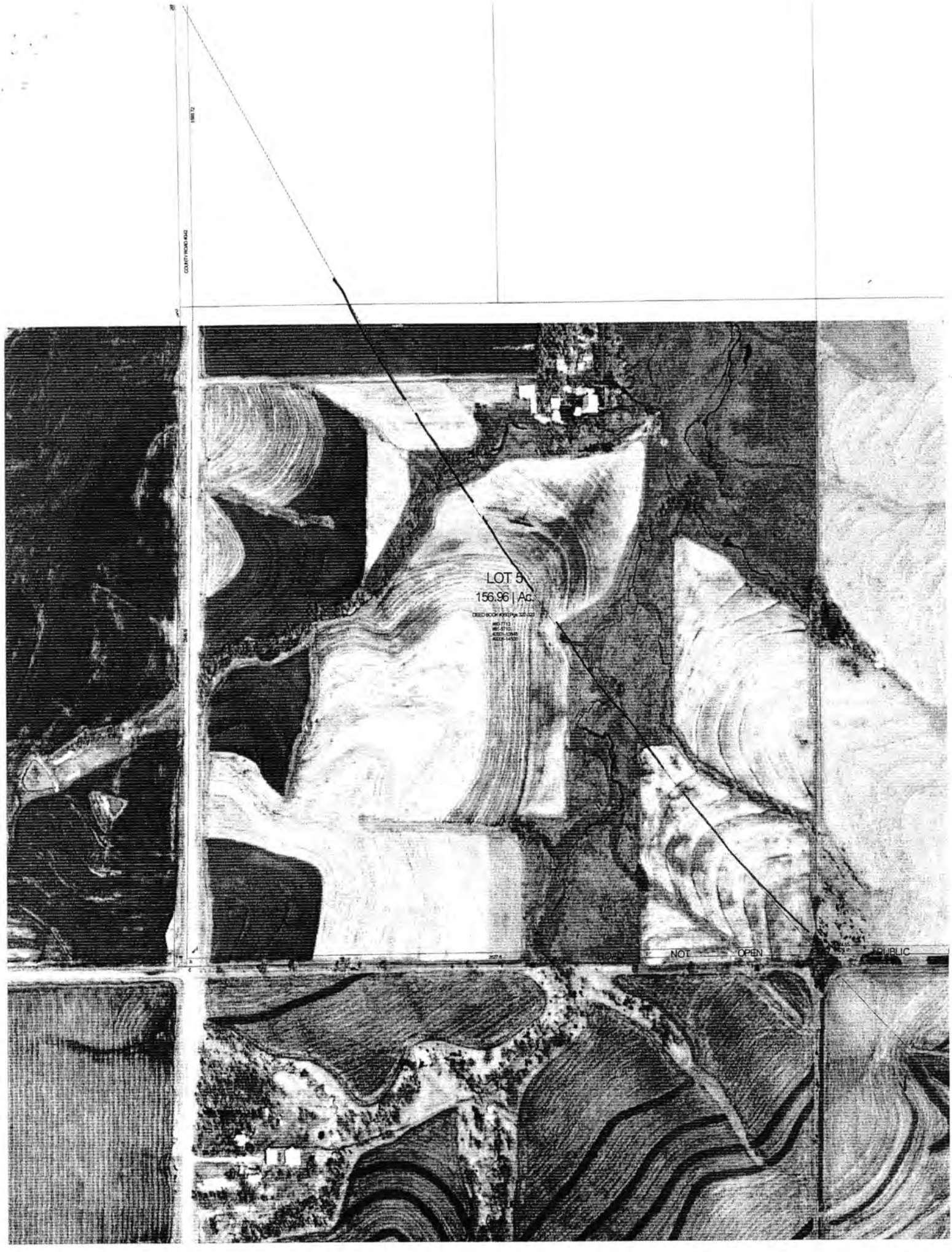

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DEED BOOK 1650 Pgs 322-323
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#80-8710
#2001-13848
#2001-14506
2627.6
ROAD NOT OPEN FOR PUBLIC
81.74.56
79.70 ch

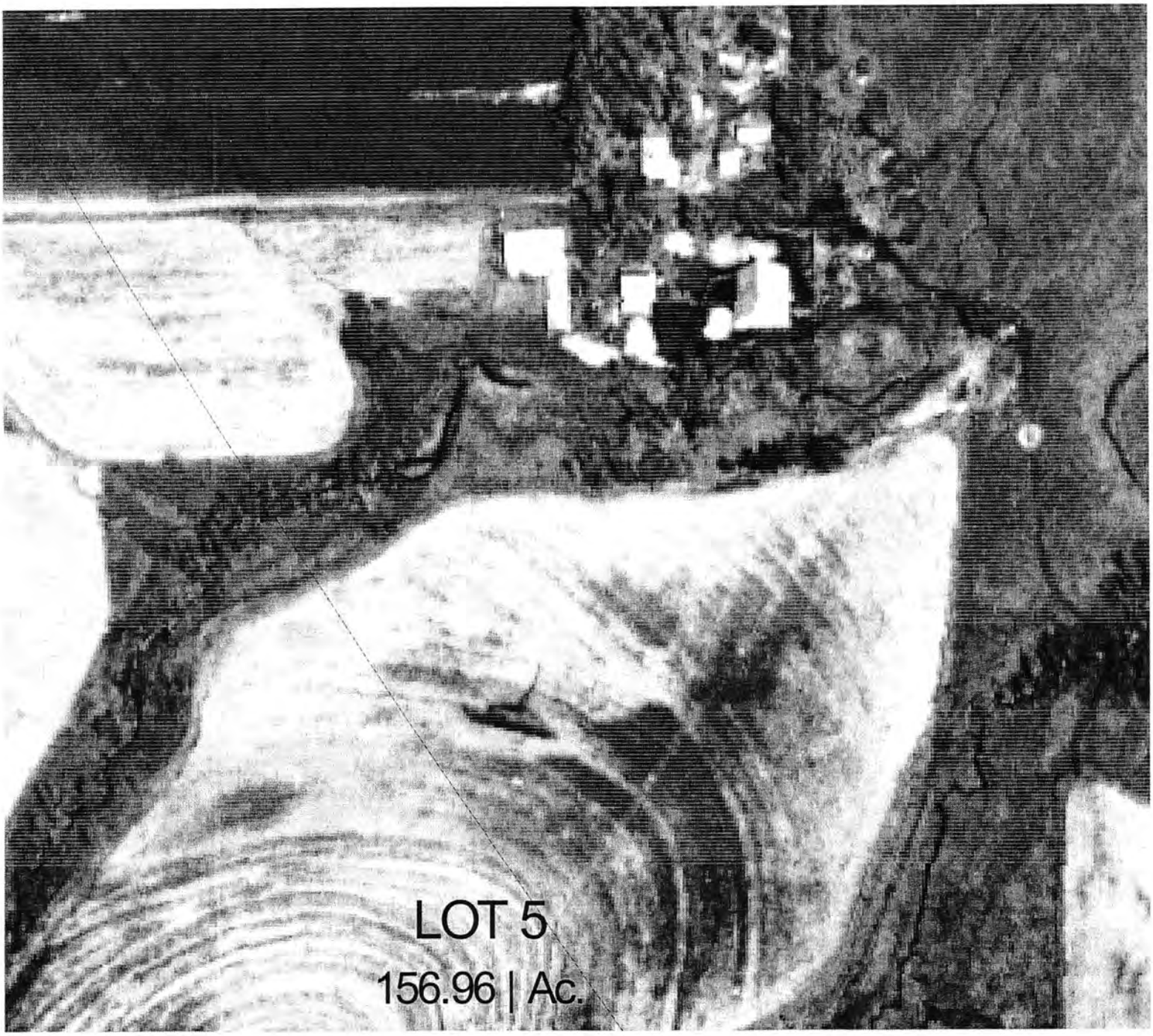
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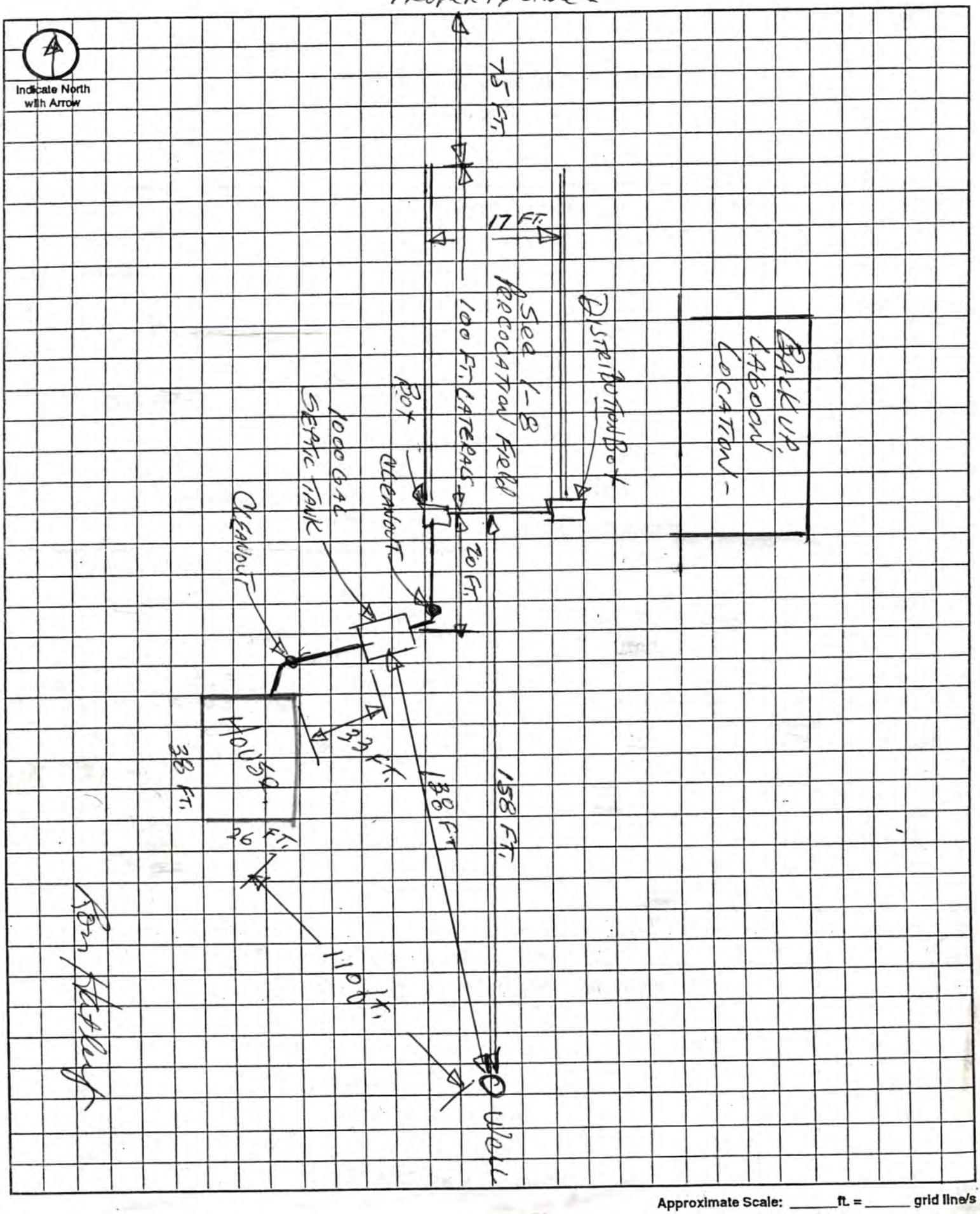
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#80-7713
#81-5710
#2001-13848
#2001-14506


COUNTY ROAD 642
LOT 5
156.96 | Ac.
NOT OPEN
PUBLIC


LOT 5
156.96 | Ac.

As Built Drawing



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