Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3140 N Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS001088

System Type: Lagoon

Situs: No Site Address Specified

Issued: 6/29/2015

Expires: 6/29/2016

Description: CONESTOGA LAKE ESTATES, BLOCK 1, Lot 4

Owner: BECKER CONSTRUCTION INC
2549 COUNTY ROAD B
VALPARISO, NE 68065

Judith A Halstead
Judith A. Halstead, MS, Health Director

Dear Applicant:

The above document is your permit to construct a new On-site Waste Water System at the location listed. Please contact this office once the sytem is complete in order to schedule a final inspection before use.

Judith A Halstead
Judith A. Halstead, MS
Health Director

BECKER CONSTRUCTION INC
2549 COUNTY ROAD B
VALPARAISO, NE 68065

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

JW 8/24/16

Exhibit 5

Permit Number: HS001088

Onsite Wastewater Treatment System

Inspection Sheet

Lot 4 Block 1

Date 8/17/16 Legal Description Conestoga Lake Estates

¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 3845 SW 91st City Denton

Owner _____ Address _____

Mark One: ☒ Dwelling ☐ Non-dwelling

☒ New System ☐ Alteration [☐ Tank Only ☐ Trench Only] ☐ Lateral Only

☐ Temporary modification (Describe problem causing discharge and reason for temporary modification): _____

Drainfield Absorption System:

☒ Lateral ☐ Bed ☐ Non-standard (engineer-designed and NDEQ approved) ☐ Holding Tank ☐ Trench

Total square feet of drainfield 1,404 Sq. Ft. (installed 1,508) Tank Size 2000 gals

Total length of laterals ~~1,404~~ 416' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☐ Other (describe) _____

132', 136', 148'

No. of Absorption Laterals 3 Width 3.625 facets No. of Drop Boxes _____ Distribution Box 1

Leveling Method Used Laser

Setbacks (Check the Boxes Below if the Required Setback has been Satisfied):

Distance From	Private Well	Public Well	Surface Water	Ground water	Pressure Water Lines	Property Lines
Tank (ft)	50 ☑	500 ☑	50 ☑	NA ☑	10 ☑	5 ☑
Field (ft)	100 ☑	500 ☑	50 ☑	4 ☐	25 ☑	5 ☐

Geographical Coordinates to 6 Decimals:

Tank _____

Lateral #1 N/A Lateral #3 _____

Lateral #2 _____ Lateral #4 _____

Comments:

Covered not final

Inspections prior to Final Approval
Initial DS Date 8/17/16

Follow-Up _____ Date _____

Follow-Up _____ Date _____

Installation Final Written Approval
By _____

Date _____

3

Field Note Drawing (See Reverse Side):

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3140 N Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCT/ INSTALL EXTENSION PERMIT
No. HS001088

System Type: Lagoon

Situs: No Site Address Specified

Issued: 6/30/2016

Expires: 12/29/2016

Description: CONESTOGA LAKE ESTATES, BLOCK 1, Lot 4

Owner: BECKER CONSTRUCTION INC
2549 COUNTY ROAD B
VALPARISO, NE 68065

Judith A Halstead
Judith A. Halstead, MS, Health Director

Dear Applicant:

The above document is your permit to construct a new On-site Waste Water System at the location listed. Please contact this office once the sytem is complete in order to schedule a final inspection before use.

Judith A Halstead
Judith A. Halstead, MS
Health Director

BECKER CONSTRUCTION INC
2549 COUNTY ROAD B
VALPARAISO, NE 68065

Extension 6/13 pd .mc SB

JUN 24 2015

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

Include Form B and C. Submit correct fee with this Application

HS001088

3 acres or more required for: ☐ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

PLEASE PRINT OR TYPE

A. Onsite System Location

Address _____ City DENTON, NE Zip 68339
(no rural route)

Legal Description LOT 4, BLOCK 1, CONESTOGA LAKE ESTATES
1/4 1/4 Section Township Range Subdivison Addition Block Lot

PID 03-03-301-004-000 SB T9N, R5E, Sec 3

B. Owner

Name TRAVIS + KYLIE BANGERT Signature Brad Becker

Address 3144 STEFANOS DRIVE City/State/Zip LINCOLN, NE 68516

Home Phone _____ Work Phone 402-416-3799

C. Certified Installer

Name: Earnest Well Drilling Inc. Signature _____

Address 2796 W. Milford Rd P.O. Box H City/State/Zip Milford, NE 68405

Work Phone 402-761-2281

D. Engineer ☐ Check and complete if engineer designed system P.E. License Number: _____

Designer Name _____ Firm _____ Work Phone _____

E. This system will serve a 4 Revised as per installer - Jaryn Peters SB

☒ Residential Dwelling Number of Bedrooms 6 Whirlpool Bathtub? ☑ Yes ☐ No Total Acres 4.5

Garbage Grinder? ☑ 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. 02-38

1. Health Department

Site visits _____

Comments _____

Date rec'd 6/29/15
Date frwd 6/29/15

ACTION ☑ Approved ☐ Disapproved
Signature _____

2. Supt. Bldg. Insp. or Village Clerk

Comments _____

Date rec'd _____
Date frwd _____

ACTION ☑ Approved ☐ Disapproved
Signature _____

3. City or County Engineer

Comments _____

Date rec'd _____
Date frwd _____

ACTION ☐ Approved ☐ Disapproved
Signature _____

Installation Final Written Approval

By Doug Hurt

Date 8/24/16

Business Office Use Only
Date Received 6-24-15 Amount Paid 375.00
Received By SB Cash/Check No. 7312

White - Health Department Yellow - Engineer Pink - Building & Safety

Form A Updated: 1/13

SOIL ABSORPTION TEST DATA REPORT

:cinct _____ Section _____
ownship _____ Range _____
1/4 Section _____

Owner: Becker Construction
Address: Conestoga Lake Estates
Corner Lot

y Dimensions: _____ acres

ype: Silty Clay ____ Silty Clay Loam ____ Sandy Loam ____ Silty Loam ____ Clay Loam X Sandy Clay ____

tes of Tests: 7-6-13 to 7-7-13 **Weather:** Precip. Trace Temp. 80s

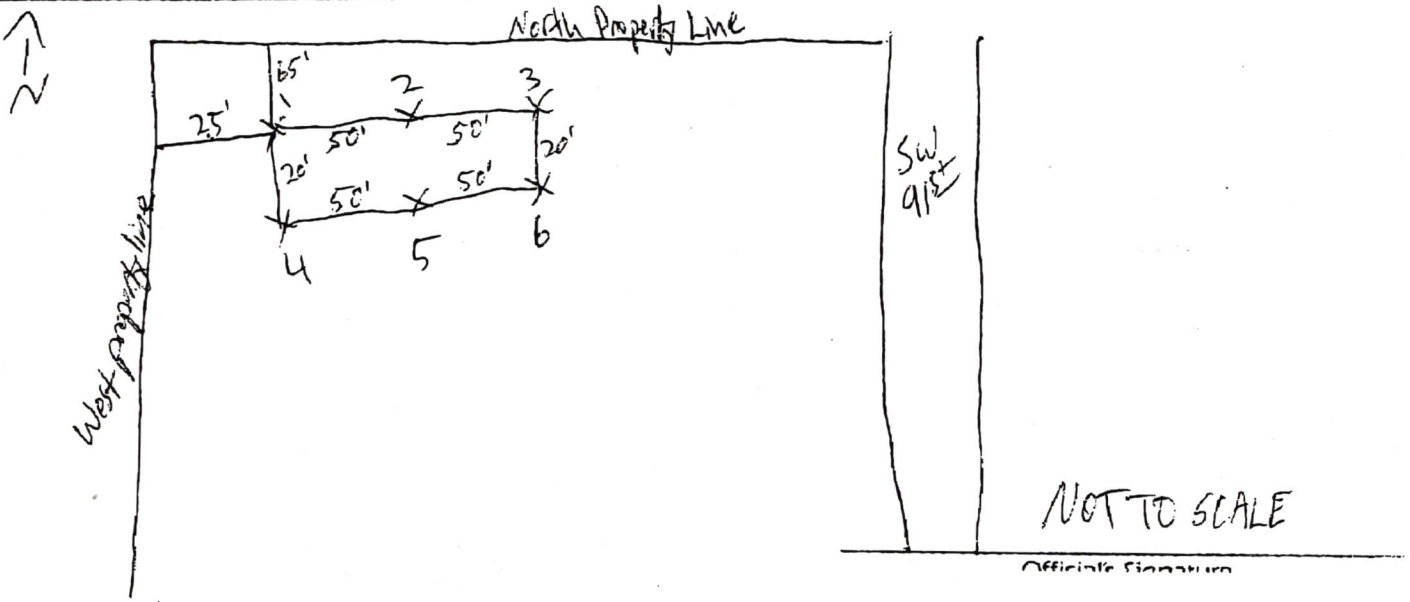
a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.	m.
		Pre-Saturation Period				Percolation Readings					Results	
		Start		End		Start			End			Water
	Hole	Date	Time	Date	Time	Date	Time	Water	Time	Water	Elapsed	Level
Hole	Depth	(Mo.	(Hr.	(Mo.	(Hr.	(Mo.	(Hr.	Level	(Hr.	Level	Time	Drop
No.	(in.)	Day)	Min.)	Day)	Min.)	Day)	Min.)	(in.)	Min.)	(in.)	(Min.)	(in.)
1	36	7-6	12:45pm	7-6	4:45pm	7-7	10:50am	6	11:20am	5½	30	½
2	36	7-6	12:45pm	7-6	4:45pm	7-7	10:50am	6	11:20am	5½	30	½
3	36	7-6	12:45pm	7-6	4:45pm	7-7	10:50am	6	11:20am	5½	30	½
4	36	7-6	12:45pm	7-6	4:45pm	7-7	10:55am	6	11:25am	5¼	30	¾
5	36	7-6	12:45pm	7-6	4:45pm	7-7	10:55am	6	11:25am	5½	30	½
6	36	7-6	12:45pm	7-6	4:45pm	7-7	10:55am	6	11:25am	5½	30	½

Sum of Water Level Drops (in.) [Column m]: 3.25
Average of Water Level Drops (in.) [Column m]: .54
~~Inches per Minute:~~ 55.56MPI

PERSON CONDUCTING TEST:
Name: Jaylyn Peterson
Address: 321-238th Road
Milford, NE 68405
Phone: 402-641-6174
Signature: [signature]

Square Feet of Lateral per Bedroom: 350

SKETCH SHOWING HOLE LOCATION:



Official's Signature

D Exhibit 4

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

Permit Number:

Onsite Wastewater Treatment System
As-Built Description and Drawing

Type of Onsite Wastewater System: ☐ Lagoon (Skip to Back Page) ☒ Subsurface Septic ☐ Mound

Onsite Wastewater System Location

Address or Legal Description or Parcel Identification Number (PID) 3845 SW 91st

Owner: Travis Bangert Address

A. Wastewater Piping

1. Material: PVC Diameter: 4 in.
2. Distance between dwelling and septic tank: 75 ft.

B. Septic Tank

1. Material Concrete
2. Capacity: 2000 gal.
3. Depth to top of tank, below unfinished grade: 12 in.
4. Distance to:
   Well 70 ft.
   Pressure line 70 ft.
   Property Line 100+ ft.
   Foundation 40 ft.

C Distribution Box or Drop Box

Distance and Direction from septic tank: 30 ft. West

D. Drainfield/Absorption Field

☒ Trench ☐ Bed

1. Type: ☐ Perforated Pipe ☒ Chamberless ☐ Other
   Material brand and inside width of Chamberless: Infiltrator Quick4 Standard / 22"
2. Number of Laterals: 3
3. Length of each lataral (linear): ft. 132 ft. 136 ft. 148 ft.
4. Drainfield size: 1404 sq. ft.
5. Distance to:
   Well 105 ft.
   Pressure line 105 ft.
   Property line 25 ft.
   Depth of Groundwater 92'

Was the Onsite Wastewater System covered prior to LLCHD inspection? ☒ Yes ☐ No

If Yes, the Certified Professional must sign below for final approval:

I swear and affirm that the system complies with Lincoln Municipal Code (LMC) 24.38 and/or County Resolution R-13-0062 requirements and that the information and documentation submitted are true and accurate.

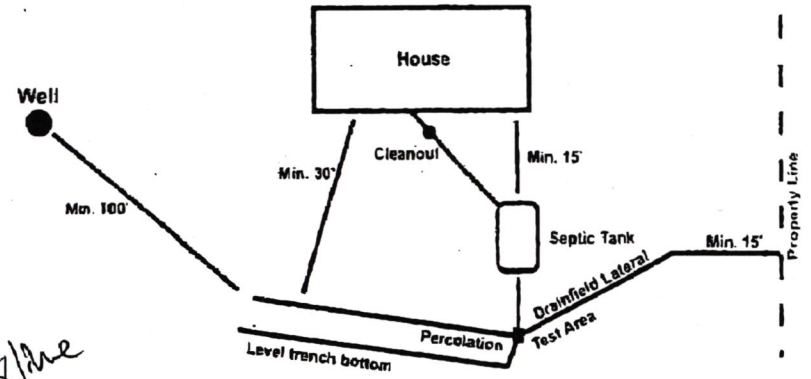
Certified Professional Signature: [signature] Date: 8/11/16

Complete As-Built drawing on the back of this form.

Onsite Wastewater System Design (Example)

Indicate North
w/ Arrow Here:





*Note-If Lagoon, show all applicable dimensions

3845 SW 91st

25' property line

145'

House

Deck

cleanout

Tank

6'

Box

12'

30'

6'

25'

well

105'

132'

136'

25'

property line

131' to Neighbour Well

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

SCANNED

8/24/16

Exhibit 5

Permit Number: HS001088

Onsite Wastewater Treatment System

Inspection Sheet

Lot 4 Block 1

Date 8/17/16 Legal Description Conestoga Lake Estates

¼ ¼ Section/Township/Range

Onsite System Location

Address (no rural route) 3845 SW 91st City Denton

Owner _____ Address _____

Mark One: ☒ Dwelling ☐ Non-dwelling

☒ New System ☐ Alteration [☐ Tank Only ☐ Trench Only] ☐ Lateral Only

☐ Temporary modification (Describe problem causing discharge and reason for temporary modification): _____

_____

Drainfield Absorption System:

☒ Lateral ☐ Bed ☐ Non-standard (engineer-designed and NDEQ approved) ☐ Holding Tank ☐ Trench

Total square feet of drainfield 1,404 installed 1,508 Sq. Ft. Tank Size 2,000 gals

Total length of laterals ~~416'~~ 132', 136', 148' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☐ Other (describe)_____

No. of Absorption Laterals 3 Width 3.625 facets No. of Drop Boxes _____ Distribution Box 1

Leveling Method Used Laser

Setbacks (Check the Boxes Below if the Required Setback has been Satisfied):

Distance From	Private Well	Public Well	Surface Water	Ground water	Pressure Water Lines	Property Lines
Tank (ft)	50 ☑	500 ☑	50 ☑	NA ☑	10 ☑	5 ☑
Field (ft)	100 ☑	500 ☑	50 ☑	4 ☐	25 ☑	5 ☐

Geographical Coordinates to 6 Decimals:

Tank _____

Lateral #1 N/A Lateral #3 _____

Lateral #2 _____ Lateral #4 _____

Comments:

Covered NOT FINAL

Inspections prior to Final Approval
Initial DS Date 8/17/16

Follow-Up _____ Date _____

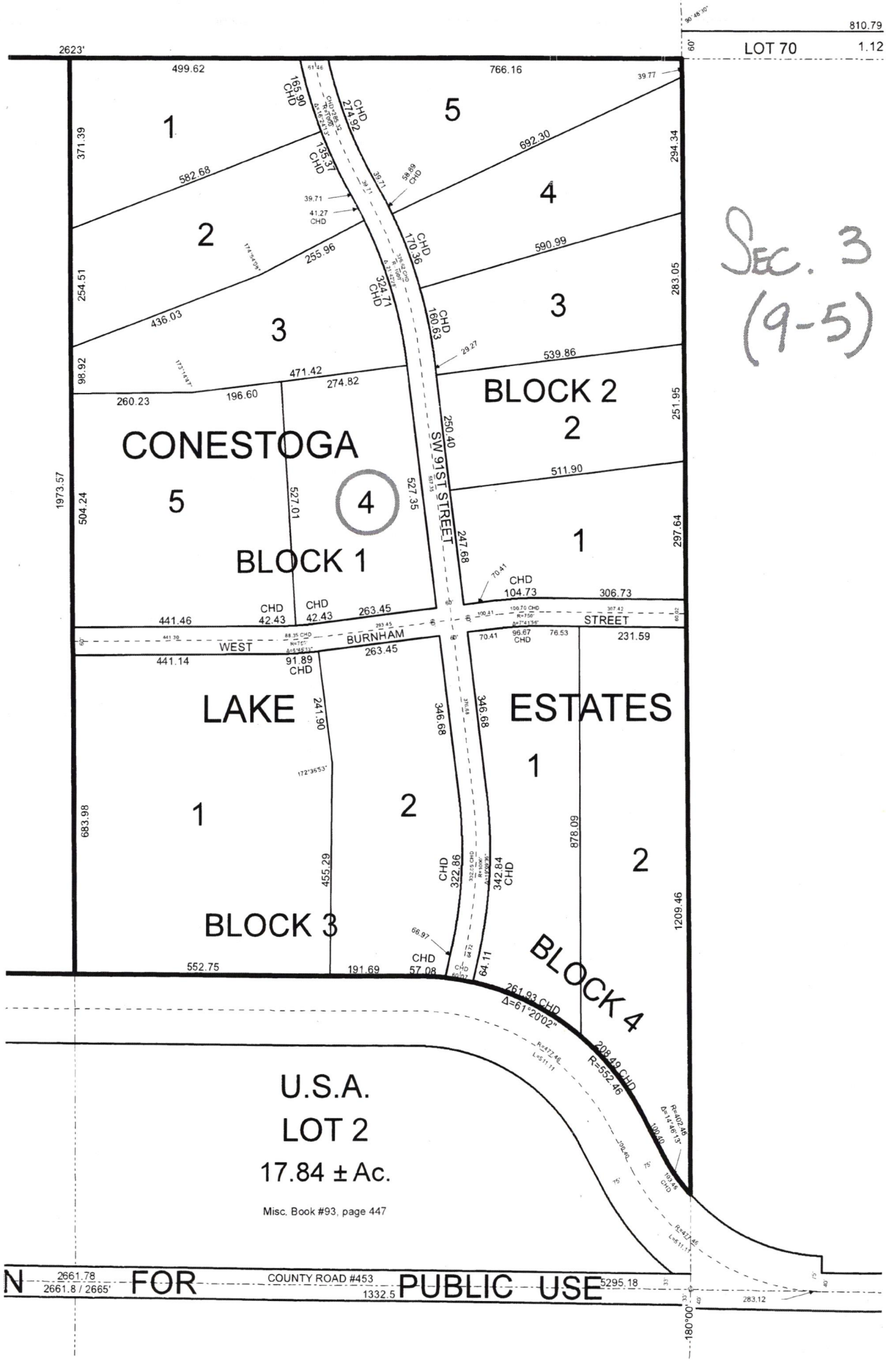
Follow-Up _____ Date _____

Installation Final Written Approval
By _____

Date _____

3

Field Note Drawing (See Reverse Side):


2623'
810.79
LOT 70
1.12
499.62
766.16
1
5
2
4
3
CONESTOGA
BLOCK 1
BLOCK 2
SW 91ST STREET
LAKE
ESTATES
BLOCK 3
BLOCK 4
WEST
BURNHAM
STREET
U.S.A.
LOT 2
17.84 ± Ac.
Misc. Book #93, page 447
COUNTY ROAD #453
FOR PUBLIC USE
N
SEC. 3
(9-5)