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JUL 30 2009

CARLA K. BECKER
DELAWARE COUNTY AUDITOR

FILED

JUL 30 2009

CLAUDIA J. CAHALAN
DELAWARE COUNTY ASSESSOR

Book 2009 Page 2989

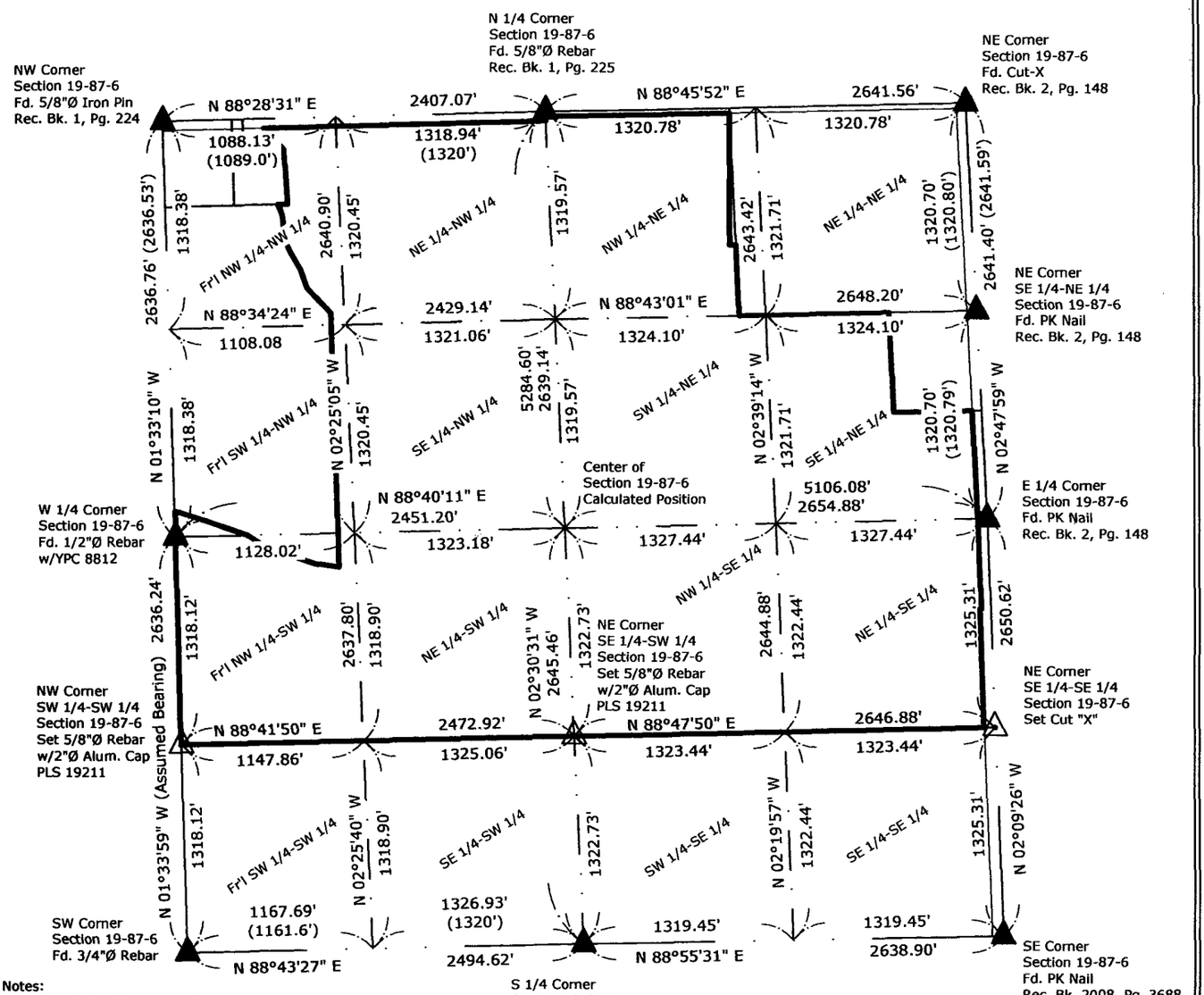
Document 2009 2989 Type ~~DR~~ ~~DOC~~ 06 882 Pages 9
Date 7/30/2009 Time 9:25:53AM
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DEBORAH L PEYTON, RECORDER/REGISTRAR
DELAWARE COUNTY IOWA

Prepared by: Herold - Reicks Surveying, 25 1/2 East Main Street, Suite 204, New Hampton, IA 50659, Ph. 641-394-2725

Plat of Survey

NRCS Wetland Easement located in Section 19 - T87N - R6W Delaware County, Iowa.



Notes:
See Sheet 2 for SW 1/4 Details
See Sheet 3 for NW 1/4 Details
See Sheet 4 for NE 1/4 Details
See Sheet 5 for SE 1/4 Details
See Sheet 6 for Enlarged Details
See Sheets 7-8 for Easement Descriptions
See Sheet 9 for Geomatics Reports

Total Easement Area = 347.19 Acres

The Coordinate Basis for this survey and the subsequent Basis of Bearing is the Iowa State Plane Coordinate System North Zone (1401)
Horizontal Control NAD 83 (1996), Vertical Control NAVD88 (Geoid 96)
Control was acquired by localizing into the Delaware County GPS Control System utilizing GPS Control Points 64, 65, 73, 74 and projecting from the cross of 63-74 and 64-73 with the average scale factor of 1.00007724847 applied.

500' 0 500' 1000' 2000'

Scale - 1 inch = 1000 ft.

N E S W

LEGEND	
▲	= Section Corner Found
⊙	= Section Corner Set
⊙	= Set 5/8"Ø Rebar w/OPC PLS 19211
●	= Fd. 1/2"Ø Rebar w/YPC PLS 8812
■	= Fd. 1/2"Ø Rebar w/YPC PLS 12642
RPC,YPC,OPC	= Red, Yellow or Orange Plastic Cap
———	= Survey Boundary Line
(0.00')	= Record Dimension
(99)	= Point Number

Proprietor: James Takes	FB: Misc. 1, Pgs. 13-16	PRH	Project Number: 2009-085
Requested By: Natural Resources Conservation Service	Survey was completed on July 16, 2009.		Sheet: 1

HRS
Herold-Reicks Surveying
25 1/2 East Main Street, Suite 204
New Hampton, IA 50659
Ph. 641-394-2725 hrs@iowatelecom.net

PROFESSIONAL LAND SURVEYOR
KIRK D. REICKS
19211
IOWA

I hereby certify that this land surveying document was prepared and the related survey work was performed by me or under my direct personal supervision and that I am a duly licensed Land Surveyor under the laws of the State of Iowa.

Kirk D. Reicks 7-27-09

Kirk D. Reicks Date:

License number 19211

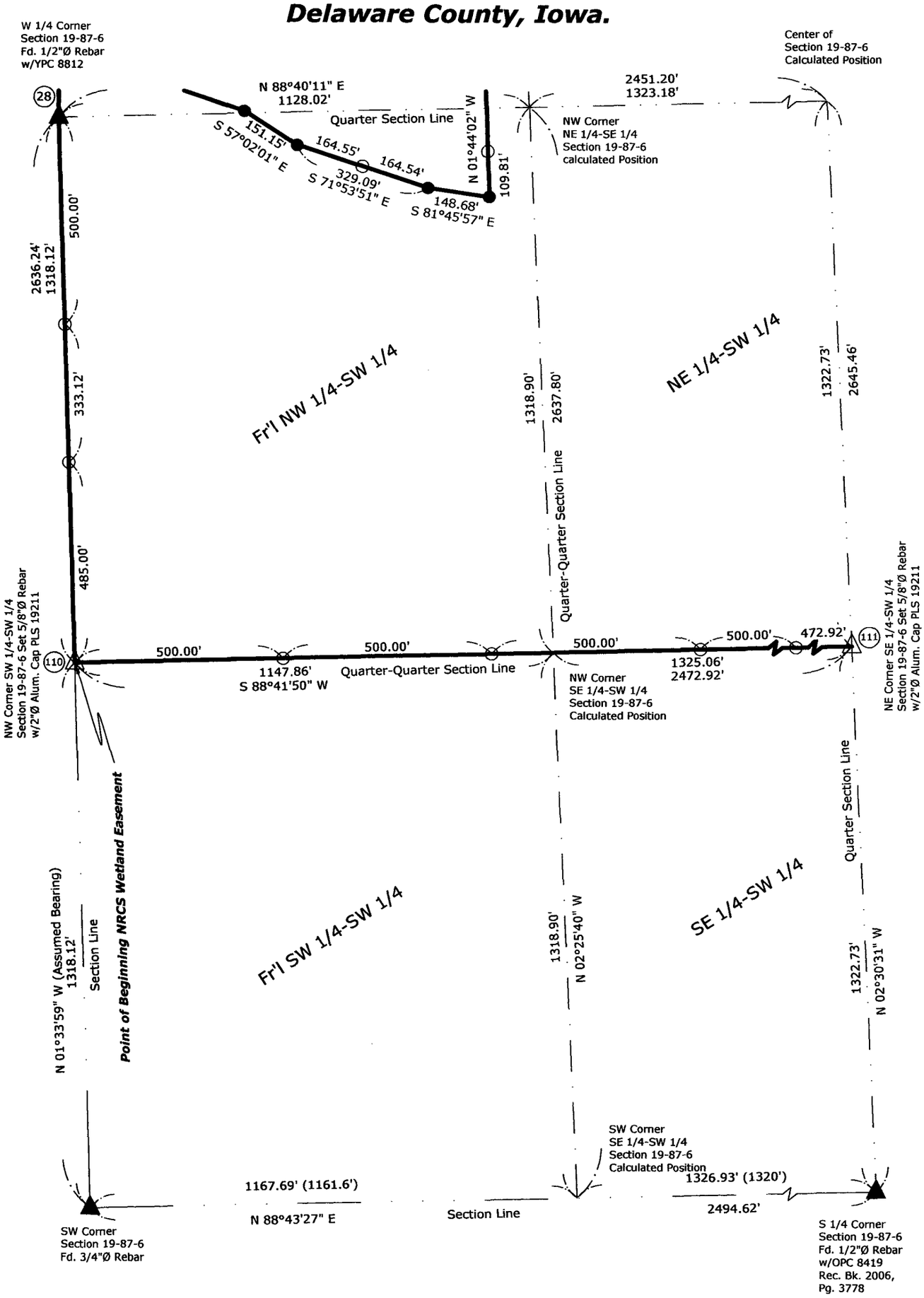
My license renewal date is December 31, 2010.

Sheets covered by this seal: 1-9

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Plat of Survey

NRCS Wetland Easement located in Section 19 - T87N - R6W Delaware County, Iowa.

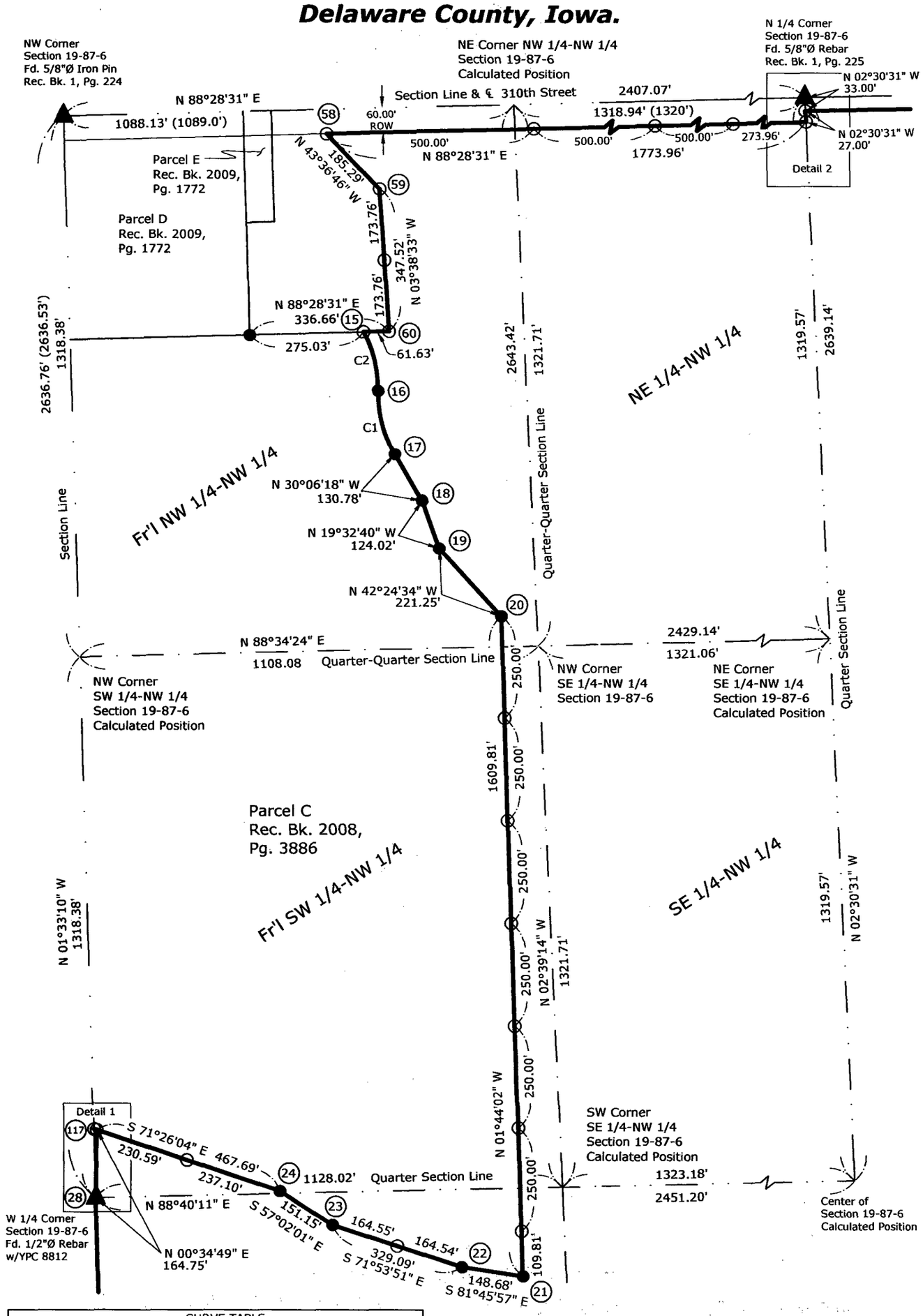


Notes:
See Sheet 1 for Section Details
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See Sheet 4 for NE 1/4 Details
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Plat of Survey

NRCS Wetland Easement located in Section 19 - T87N - R6W Delaware County, Iowa.

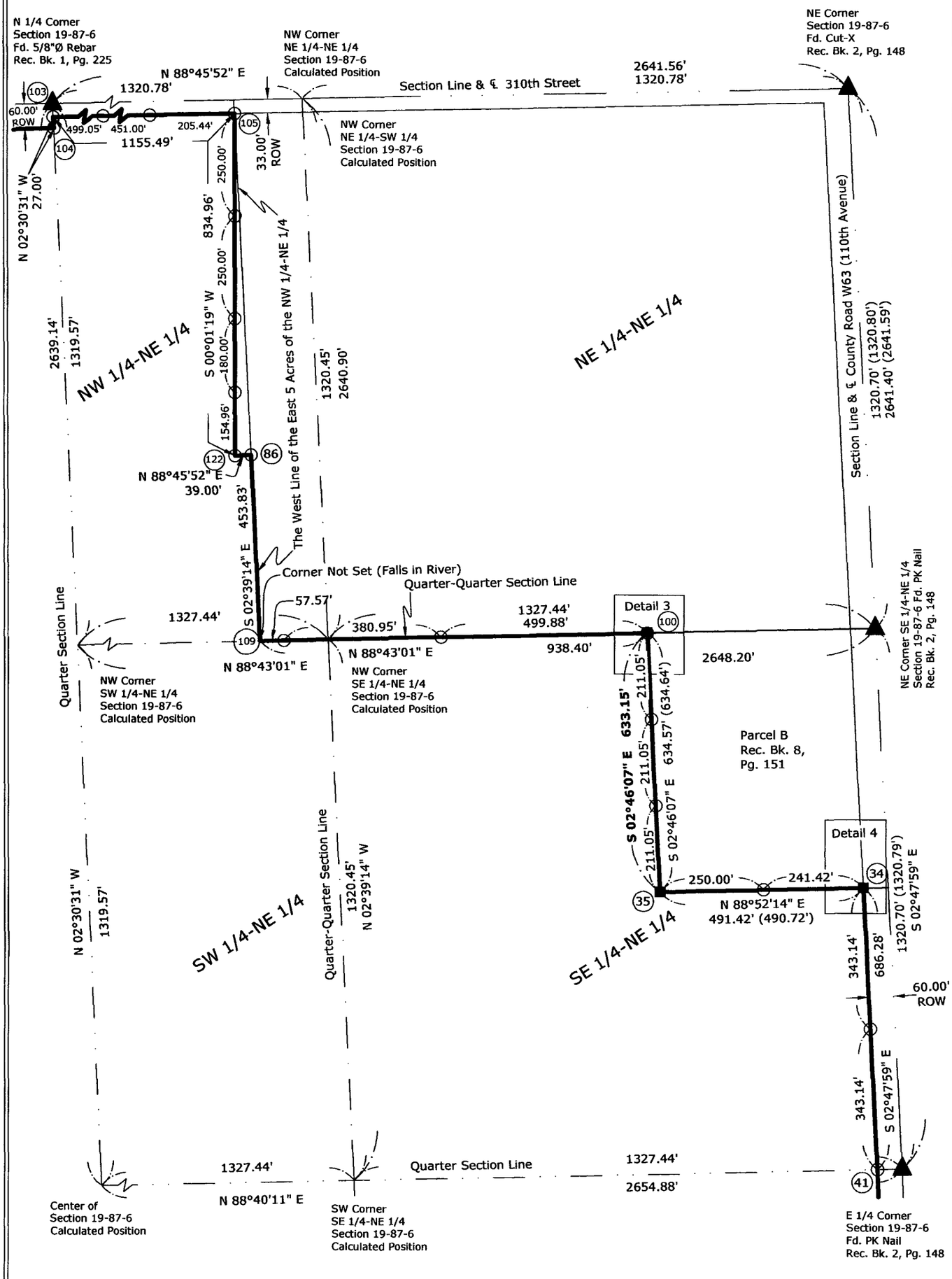


CURVE TABLE					
CURVE	DELTA	RADIUS	LENGTH	CHORD	C. BEARING
C1	31°24'19"	294.82'	161.60'	159.58'	N 14°24'04" W
C2	29°52'43"	285.36'	148.81'	147.13'	N 13°38'16" W

Notes:
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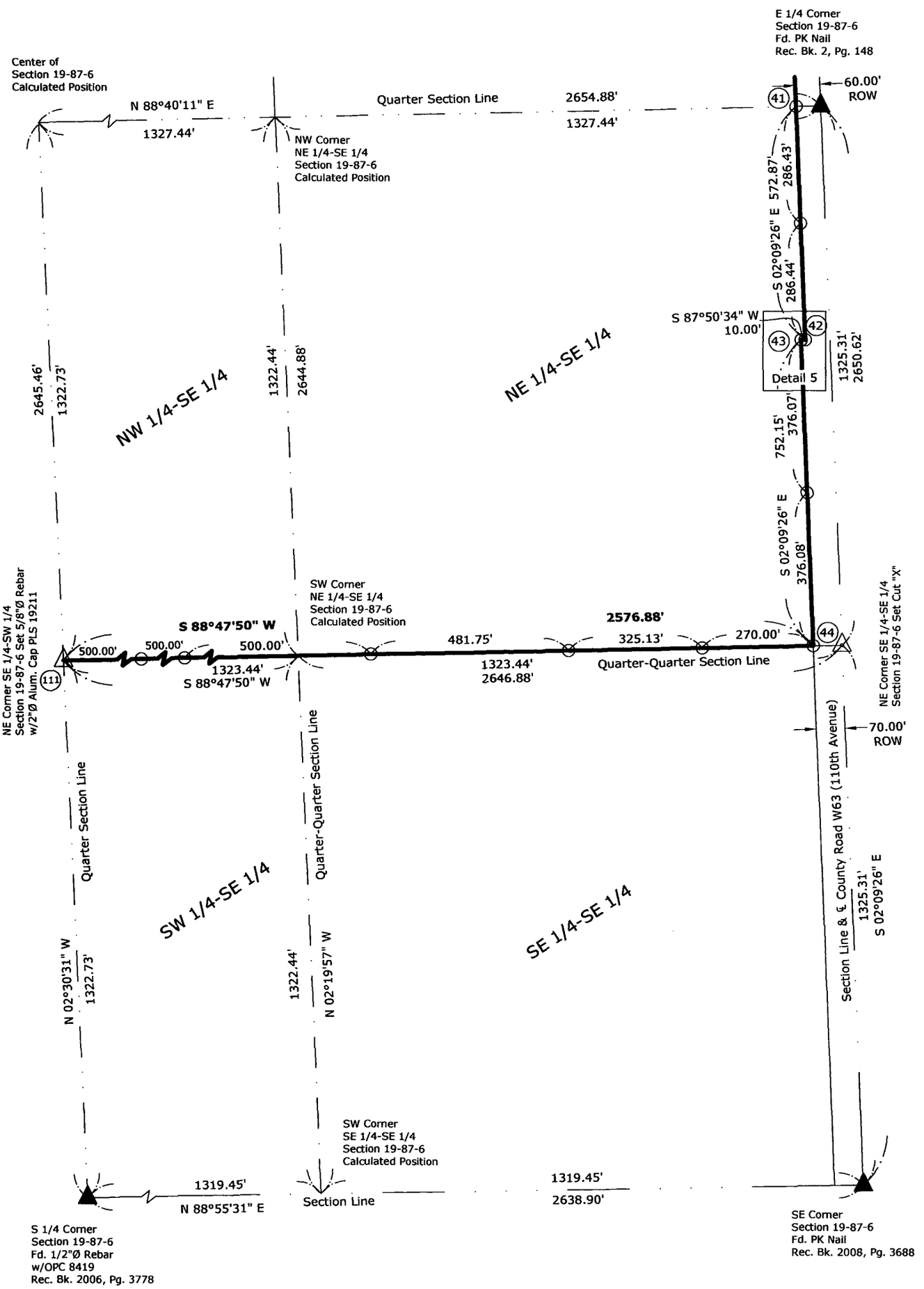


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Plat of Survey

NRCS Wetland Easement located in Section 19 - T87N - R6W Delaware County, Iowa.

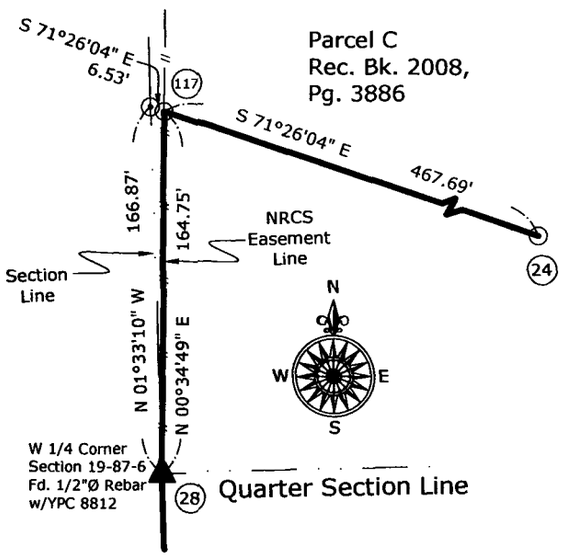


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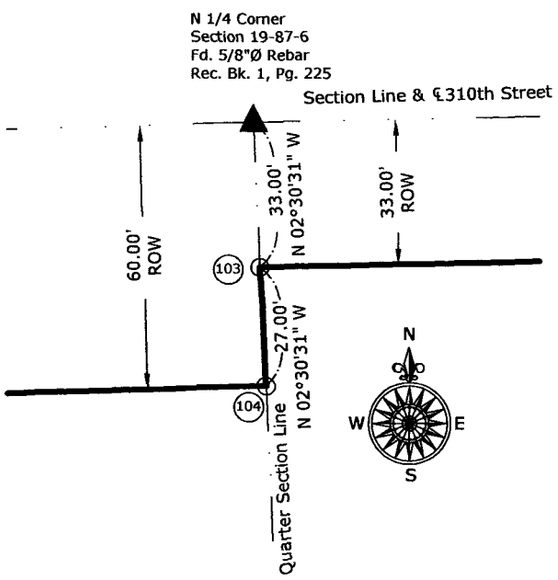
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Plat of Survey

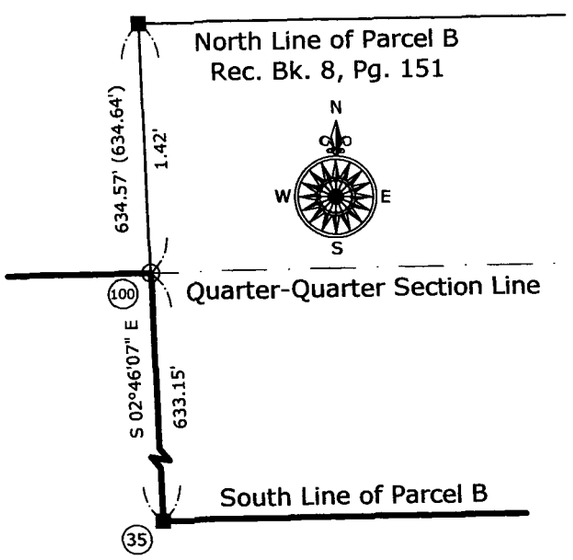
NRCS Wetland Easement located in Section 19 - T87N - R6W Delaware County, Iowa.



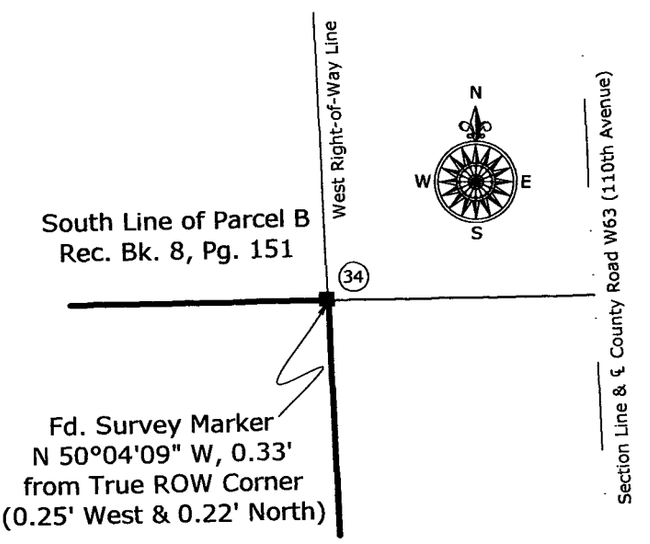
Detail 1 Scale - 1" = 80'



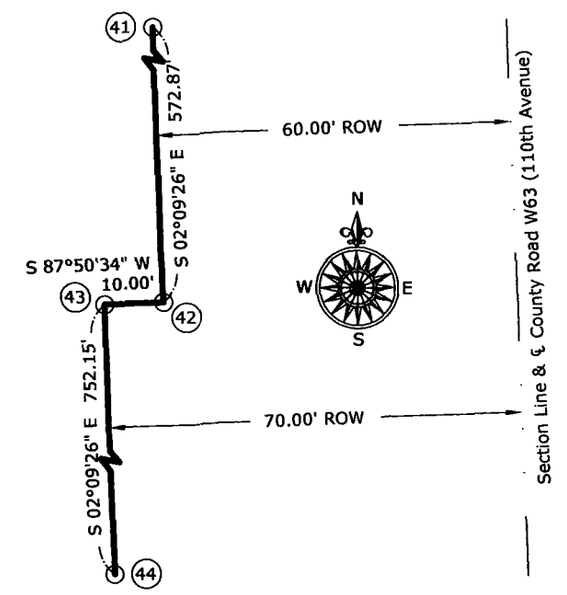
Detail 2 Scale - 1" = 40'



Detail 3 Scale - 1" = 1'



Detail 4 Scale - 1' = 40"



Detail 5 Scale - 1' = 10'

Total Area = 347.19 Acres

Area by Quarter-Quarter Sections
Fr'l NW 1/4 - NW 1/4 = 8.52 Acres
NE 1/4 - NW 1/4 = 38.23 Acres
Fr'l SW 1/4 - NW 1/4 = 3.74 Acres
SE 1/4 - NW 1/4 = 40.10 Aces
NW 1/4 - NE 1/4 = 33.87 Acres
SW 1/4 - NE 1/4 = 40.23 Acres
SE 1/4 - NE 1/4 = 31.24 Acres
Fr'l NW 1/4 SW 1/4 = 32.70 Acres
NE 1/4 - SW 1/4 = 40.09 Acres
NW 1/4 - SE 1/4 = 40.19 Acres
NE 1/4 - SE 1/4 = 38.28 Acres

Notes:
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Plat of Survey

NRCS Wetland Easement located in Section 19 - T87N - R6W Delaware County, Iowa.

EASEMENT DESCRIPTION:

NRCS Wetland Easement in Section 19, Township 87 North, Range 6 West of the 5th P.M., Delaware County, Iowa, and more particularly described as follows:

Beginning at the Southwest Corner of the Fractional Northwest Quarter of the Southwest Quarter of said Section;

Thence **North 01°33'59" West (Assumed Bearing), 1318.12 feet** along the West Line of the Southwest Quarter to the West Quarter Corner of said Section;

Thence **North 00°34'49" East, 164.75 feet** to the South Line of Parcel C, recorded December 23, 2008, Book 2008, Page 3886, on file in the Delaware County Recorder's Office, Manchester, Iowa;

Thence **South 71°26'04" East, 467.69 feet**;

Thence **South 57°02'01" East, 151.15 feet**;

Thence **South 71°53'51" East, 329.09 feet**;

Thence **South 81°45'57" East, 148.68 feet**;

Thence **North 01°44'02" West, 1609.81 feet**;

Thence **North 42°24'34" West, 221.25 feet**;

Thence **North 19°32'40" West, 124.02 feet**;

Thence **North 30°06'18" West, 130.78 feet**;

Thence, **Northwesterly 161.60 feet** along a 294.82 foot radius non-tangent curve (Said Curve having a long chord of North 14°24'04" West, 159.58 feet);

Thence, **Northwesterly 148.81 feet** along a 285.36 foot radius non-tangent curve (Said Curve having a long chord of North 13°38'16" West, 147.13 feet) all along said Parcel C to the Northeast Corner thereof;

Thence **North 88°28'31" East, 61.63 feet** along the Easterly Extension of the North Line of said Parcel C;

Thence **North 03°38'33" West, 347.52 feet**;

Thence **North 43°36'46" West, 185.29 feet** to the South Right-of-Way Line of 310th Street;

Thence **North 88°28'31" East, 1773.96 feet** along said South Right-of-Way Line to the West Line of the Northeast Quarter of said Section;

Thence **North 02°30'31" West, 27.00 feet** along said West Line to the South Right-of-Way Line of 310th Street;

Thence **North 88°45'52" East, 1155.49 feet** along said South Right-of-Way Line to the intersection of said Right-of-Way Line with the West Line of the East 5 Acres of the Northwest Quarter of the Northeast Quarter of said Section;

Thence **South 00°01'19" West, 834.96 feet**;

Thence **North 88°45'52" East, 39.00 feet** to the West Line of the East 5 Acres of the Northwest Quarter of the Northeast Quarter of said Section;

Thence **South 02°39'14" East, 453.83 feet** along said West Line to the South Line of the North Half of the Northeast Quarter of said Section;

Thence **North 88°43'01" East, 938.40 feet** along said South Line to the West Line of Parcel B, recorded September 3, 1998, Book 8, Page 151, on file in the Delaware County Recorder's Office, Manchester, Iowa;

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NRCS Wetland Easement located in Section 19 - T87N - R6W Delaware County, Iowa.

EASEMENT DESCRIPTION:

(Continued)
Thence **South 02°46'07" East, 633.15 feet** along the West Line of said Parcel B to the Southwest Corner thereof;

Thence **North 88°52'14" East, 491.42 feet** along the South Line of said Parcel B to the West Right-of-Way Line of County Road W63 (110th Avenue);

Thence **South 02°47'59" East, 686.28 feet**;

Thence **South 02°09'26" East, 572.87 feet**;

Thence **South 87°50'34" West, 10.00 feet**;

Thence **South 02°09'26" East, 752.15 feet** all along said West Right-of-Way Line to the North Line of the South Half of the Southeast Quarter of said Section;

Thence **South 88°47'50" West, 2576.88 feet** along said South Line to the Southwest Corner thereof;

Thence **South 88°41'50" West, 2472.92 feet** along the North Line of the South Half of the Southwest Quarter of said Section to the Point of Beginning.

Containing **347.19** Acres, subject to any other easements recorded or unrecorded.
(See the Original Survey Plat(s) attached to this Original Easement description.)

The Coordinate Basis for this survey and the subsequent Basis of Bearing is the Iowa State Plane Coordinate System North Zone (1401),
Horizontal Control NAD 83 (1996), Vertical Control NAVD88 (Geoid 96)
Control was acquired by localizing into the Delaware County GPS Control System utilizing GPS Control Points 64, 65, 73, 74 and projecting from the cross of 63-74 and 64-73 with the average scale factor of 1.00007724847 applied.

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Plat of Survey

NRCS Wetland Easement located in Section 19 - T87N - R6W Delaware County, Iowa.

Geomatics Report

Number	Northing	Easting	Elevation	Description	Latitude	Longitude
15	3592221.74	5436308.22	930.56	Easement Cornerr	42.338544	-91.594781
16	3592078.76	5436342.95	930.40	Easement Corner	42.338150	-91.594664
17	3591924.19	5436382.66	930.78	Easement Corner	42.337725	-91.594531
18	3591810.98	5436448.26	931.62	Easement Corner	42.337411	-91.594297
19	3591694.19	5436489.74	931.69	Easement Corner	42.337086	-91.594156
20	3591530.78	5436638.94	931.32	Easement Corner	42.339631	-91.593617
21	3589921.71	5436687.65	937.03	Easement Corner	42.331211	-91.593569
22	3589943.00	5436540.53	939.78	Easement Corner	42.332281	-91.594114
23	3590045.28	5436227.65	945.54	Easement Corner	42.332581	-91.595261
24	3590127.51	5436100.90	947.07	Easement Corner	42.332814	-91.595722
28	3590111.69	5435655.87	950.45	Easement Corner	42.332797	-91.597369
34	3590914.50	5440666.81	927.53	Easement Corner	42.334667	-91.578775
35	3590904.61	5440175.74	919.14	Easement Corner	42.334692	-91.580592
41	3590228.83	5440700.60	919.46	Easement Corner	42.332806	-91.578708
42	3589656.37	5440722.16	917.75	Easement Corner	42.331233	-91.578675
43	3589656.99	5440712.17	917.65	Easement Corner	42.331233	-91.578711
44	3588904.38	5440740.48	916.11	Easement Corner	42.329169	-91.578672
58	3592704.34	5436219.94	935.48	Easement Corner	42.577431	-91.595067
59	3592570.21	5436347.75	932.63	Easement Corner	42.339444	-91.594606
60	3592223.38	5436369.83	930.76	Easement Corner	42.338547	-91.594553
86	3591969.34	5439185.98	921.46	Easement Corner	42.337675	-91.584161
100	3591537.01	5440145.15	923.23	Easement Corner	42.336428	-91.580650
103	3592778.54	5437992.09	923.78	Easement Corner	42.339969	-91.588508
104	3592751.56	5437993.27	923.08	Easement Corner	42.339894	-91.588506
105	3592803.45	5439147.31	931.22	Easement Corner	42.339964	-91.584233
109	3591516.00	5439206.99	920.39	Easement Corner	42.336431	-91.584122
110	3588794.06	5435691.90	968.39	Easement Corner	42.329181	-91.597347
111	3588850.29	5438164.18	949.47	Easement Corner	42.329181	-91.588200
117	3590276.42	5435657.54	953.09	Easement Corner	42.333250	-91.597350
122	3591968.50	5439146.99	921.46	Easement Corner	42.337675	-91.584306

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