INDEX LEGEND

LOCATION:	NE1/4 - SEC. 36, T88N, R5W, SE1/4 - SEC. 25, T88N, R5W, SW1/4 - SEC. 30, T88N, R4W, NW1/4 - SEC. 30, T88N, R4W, SW1/4 - SEC. 19, T88N, R4W, SANDS SUBDIVISION, KEITH'S THIRD SUBDIVISION, KEITH'S HARTWICK HILL ESTATES, HARTWICK POINT, HARTWICK LAKE CLUB NORTH FIFTH SUBDIVISION, HARTWICK LAKE CLUB NORTH SIXTH SUBDIVISION, HARTWICK LAKE CLUB NORTHEAST DIVISION, HARTWICK LAKE CLUB NORTHEAST SECOND DIVISION, THE VILLAGE - FIRST ADDITON, THE VILLAGE - SECOND ADDITION, AND THE VILLAGE - THIRD ADDITION, ALL IN DELAWARE COUNTY, IOWA
REQUESTOR:	DELAWARE COUNTY ENGINEER
SURVEYOR:	BRAD J. BURGER
RETURN TO:	DELAWARE COUNTY ENGINEER'S OFFICE 2139 HIGHWAY 38, MANCHESTER, IOWA 52057 PHONE: 563-927-3505

Book 2020 Page 318

Document 2020 318 Type 06 001 Pages 5
Date 1/31/2020 Time 1:52:51PM
Rec Amt $.00

Daneen Schindler, RECORDER/REGISTRAR
DELAWARE COUNTY IOWA

Prepared by Brad Burger Delaware County Engineer's Office 2139 Highway 38, Manchester, Iowa 52057 Phone 563-927-3505

MONUMENT PRESERVATION CERTIFICATE

Land Survey Monuments situated in: the NE1/4 of Section 36, Township 88N, Range 5W, the SE1/4 of Section 25, Township 88N, Range 5W, the SW1/4 of Section 30, Township 88N, Range 4W, the NW1/4 of Section 30, Township 88N, Range 4W, the SW1/4 of Section 19, Township 88N, Range 4W, all of the Fifth Principal Meridian, Delaware County, Iowa. Also, Sands Subdivision, Keith's Third Subdivision, Keith's Hartwick Hill Estates, Hartwick Point, Hartwick Lake Club North Fifth Subdivision, Hartwick Lake Club North Sixth Subdivision, Hartwick Lake Club Northeast Division, Hartwick Lake Club Northeast Second Division, The Village – First Addition, The Village – Second Adddition, and The Village – Third Addition all in Delaware County, Iowa.

Public improvement project: 220th Avenue concrete patching maintenance project

Certificate was prepared under the jurisdiction of: Delaware County Engineer's Office

Procedure used to preserve the position of the monument:
Prior to the project, I preserved the position of the monuments shown on attached sheets using GPS coordinates derived from the Iowa Department of Transportation Real Time Network. After the completion of the project, I replaced any monument that was removed during construction at the preserved position.

Coordinate System: Iowa Regional Coordinate System, Zone 3, NAD83(2011) (Epoch 2010.000)

SEE PLAN VIEW ON SHEETS 2, 3, 4 AND 5

LICENSED LAND SURVEYOR
BRAD J. BURGER
20281
IOWA

SHEET NO. 1–5 COVERED BY THIS SEAL

I HEREBY CERTIFY THAT THIS LANDSURVEYING DOCUMENT WAS PREPARED AND 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. MY LICENSE RENEWAL DATE IS DECEMBER 31, 2020

Brad J. Burger 1/31/2020
BRAD J. BURGER #20281 DATE

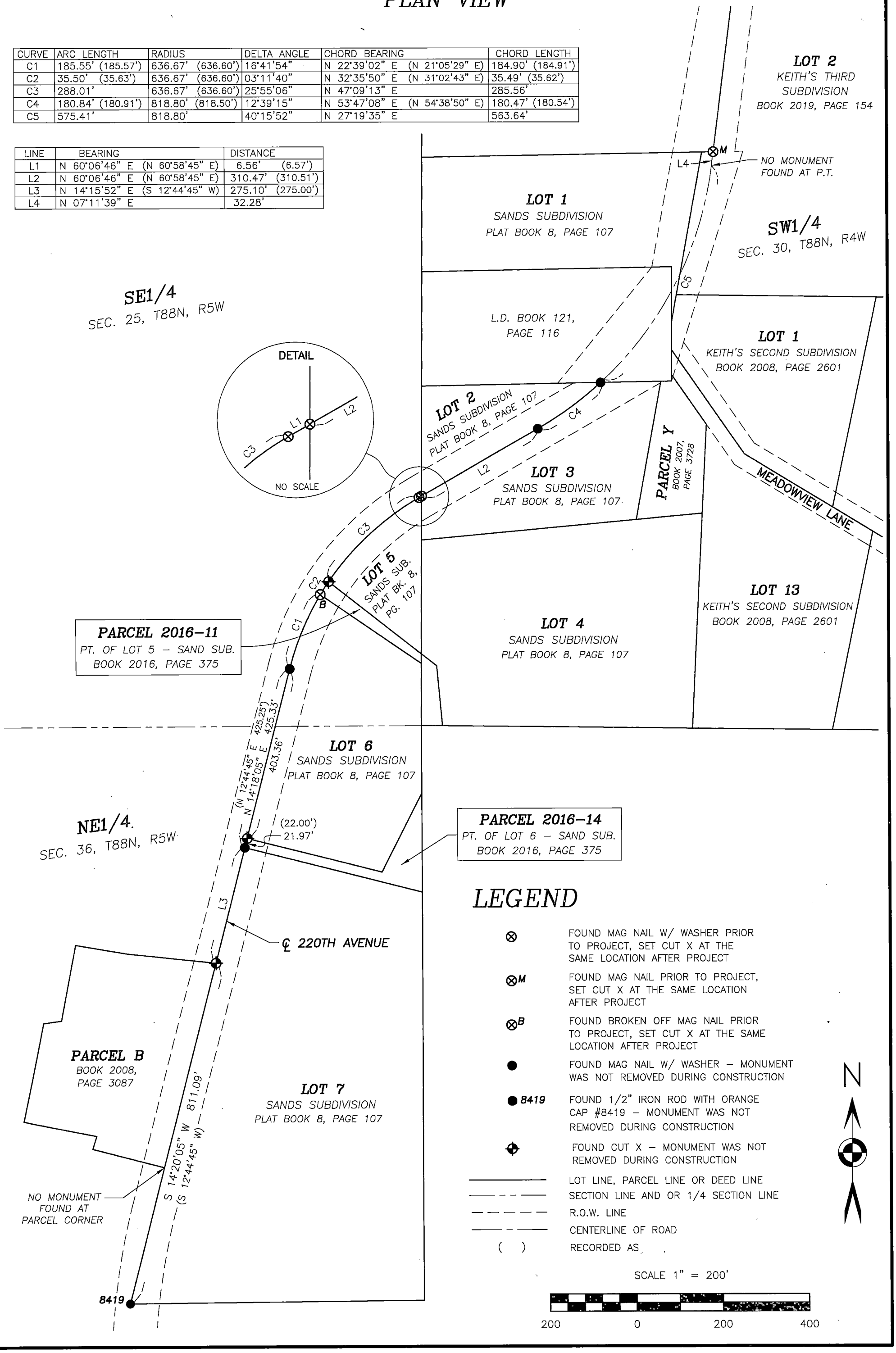
Delaware County Engineer's Office
2139 Highway 38
Manchester, Iowa 52057

MONUMENT PRESERVATION CERTIFICATE

PLAN VIEW

CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C1	185.55' (185.57')	636.67' (636.60')	16°41'54"	N 22°39'02" E (N 21°05'29" E)	184.90' (184.91')
C2	35.50' (35.63')	636.67' (636.60')	03°11'40"	N 32°35'50" E (N 31°02'43" E)	35.49' (35.62')
C3	288.01'	636.67' (636.60')	25°55'06"	N 47°09'13" E	285.56'
C4	180.84' (180.91')	818.80' (818.50')	12°39'15"	N 53°47'08" E (N 54°38'50" E)	180.47' (180.54')
C5	575.41'	818.80'	40°15'52"	N 27°19'35" E	563.64'

LINE	BEARING	DISTANCE
L1	N 60°06'46" E (N 60°58'45" E)	6.56' (6.57')
L2	N 60°06'46" E (N 60°58'45" E)	310.47' (310.51')
L3	N 14°15'52" E (S 12°44'45" W)	275.10' (275.00')
L4	N 07°11'39" E	32.28'



LEGEND

⊗	FOUND MAG NAIL W/ WASHER PRIOR TO PROJECT, SET CUT X AT THE SAME LOCATION AFTER PROJECT
⊗M	FOUND MAG NAIL PRIOR TO PROJECT, SET CUT X AT THE SAME LOCATION AFTER PROJECT
⊗B	FOUND BROKEN OFF MAG NAIL PRIOR TO PROJECT, SET CUT X AT THE SAME LOCATION AFTER PROJECT
●	FOUND MAG NAIL W/ WASHER – MONUMENT WAS NOT REMOVED DURING CONSTRUCTION
● 8419	FOUND 1/2" IRON ROD WITH ORANGE CAP #8419 – MONUMENT WAS NOT REMOVED DURING CONSTRUCTION
⊕	FOUND CUT X – MONUMENT WAS NOT REMOVED DURING CONSTRUCTION
———	LOT LINE, PARCEL LINE OR DEED LINE
—— – – ——	SECTION LINE AND OR 1/4 SECTION LINE
— — — — —	R.O.W. LINE
—— – – ——	CENTERLINE OF ROAD
( )	RECORDED AS

N

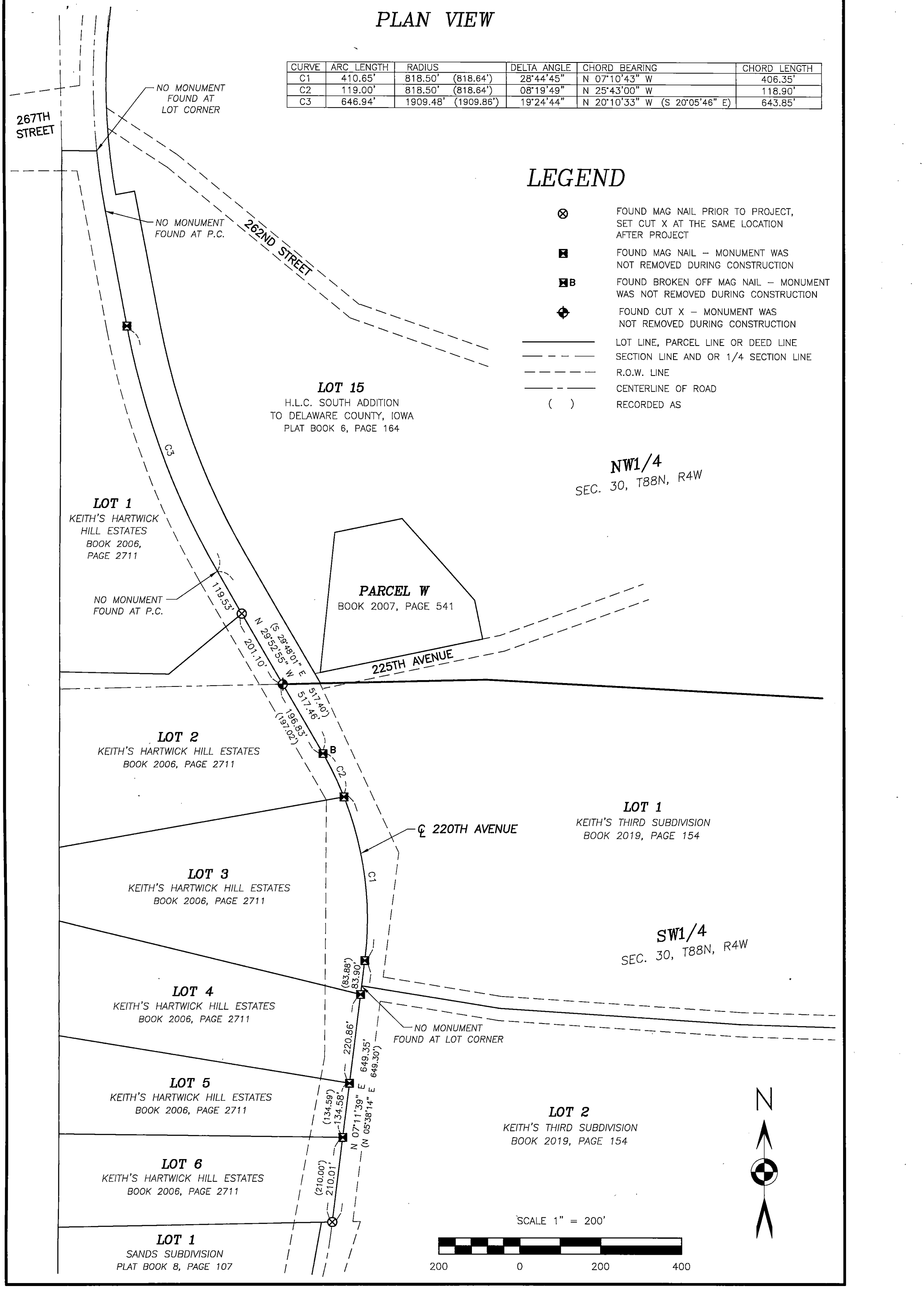
SCALE 1" = 200'

200 0 200 400

MONUMENT PRESERVATION CERTIFICATE

PLAN VIEW

CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C1	410.65'	818.50' (818.64')	28°44'45"	N 07°10'43" W	406.35'
C2	119.00'	818.50' (818.64')	08°19'49"	N 25°43'00" W	118.90'
C3	646.94'	1909.48' (1909.86')	19°24'44"	N 20°10'33" W (S 20°05'46" E)	643.85'



LEGEND

⊗	FOUND MAG NAIL PRIOR TO PROJECT, SET CUT X AT THE SAME LOCATION AFTER PROJECT
⊠	FOUND MAG NAIL – MONUMENT WAS NOT REMOVED DURING CONSTRUCTION
⊠B	FOUND BROKEN OFF MAG NAIL – MONUMENT WAS NOT REMOVED DURING CONSTRUCTION
⊕	FOUND CUT X – MONUMENT WAS NOT REMOVED DURING CONSTRUCTION
———	LOT LINE, PARCEL LINE OR DEED LINE
—— – – ——	SECTION LINE AND OR 1/4 SECTION LINE
– – – – –	R.O.W. LINE
—— – ——	CENTERLINE OF ROAD
( )	RECORDED AS

MONUMENT PRESERVATION CERTIFICATE

PLAN VIEW

SCALE 1" = 150'

150 0 150 300

SW1/4
SEC. 19, T88N, R4W

LOT 1
HARTWICK LAKE CLUB
NORTHEAST DIVISION
BOOK 5, PAGE 51

LOT 9
HARTWICK LAKE CLUB
NORTHEAST SECOND DIVISION
BOOK 2005, PAGE 2840

LOT 9A
HARTWICK LAKE CLUB
NORTHEAST SECOND DIVISION
BOOK 2005, PAGE 2840

LOT 3
HARTWICK LAKE CLUB
NORTH SIXTH SUBDIVISION
BOOK 2017, PAGE 239

NO MONUMENT FOUND AT P.C.

LOT 2
HARTWICK LAKE CLUB
NORTHEAST DIVISION
BOOK 5, PAGE 51

℄ 220TH AVENUE

NO MONUMENT FOUND AT P.T.

NO MONUMENT FOUND AT LOT CORNER

LOT 3

LOT 4A

LOT 4

LOT 5

LOT 5A

LOT 6

LOT 2
HARTWICK LAKE CLUB
NORTH FIFTH SUBDIVISION
BOOK 2015, PAGE 644

NO MONUMENT FOUND AT LOT CORNER

HARTWICK LAKE CLUB NORTHEAST SECOND DIVISION
BOOK 2005, PAGE 2840

LOT 6A

LOT 4
HARTWICK LAKE CLUB NORTH SIXTH SUBDIVISION
BOOK 2017, PAGE 239

LOT 7

LOT 7A

LOT 8

LOT 8A

48
HARTWICK POINT
BOOK 2017, PAGE 3055

47

HARTWICK POINT
BOOK 2017, PAGE 3055

45 43 42 41 40 44 46 39 38 8 20 21 1 2 3 4 5 6 7 9 10 11 12 13 14

C1 C2 C3 C4 C5 C6 L1 L2 L3

N

NW1/4
SEC. 30, T88N, R4W

LINE	BEARING	DISTANCE
L1	N 08°21'20" W (S 09°41'44" E)	89.61'
L2	N 08°07'57" W (S 09°41'44" E)	68.17' (68.07')
L3	N 14°58'20" E (N 15°02'40" E)	246.23' (246.50')

CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C1	316.65' (315.87')	175.90' (176.10')	103°08'42"	N 43°13'01" E (N 41°41'26" E)	275.59' (275.20')
C2	104.10' (104.12')	1527.56' (1527.89')	03°54'16"	N 06°10'49" W (S 07°44'36" E)	104.08' (104.10')
C3	148.27' (148.28')	1527.56' (1527.89')	05°33'41"	N 01°26'51" W (S 03°00'38" E)	148.21' (148.22')
C4	169.92' (170.00')	1527.56' (1527.89')	06°22'23"	N 04°31'12" E (S 2°57'25" W)	169.83' (169.91')
C5	193.71' (193.60')	1527.56' (1527.89')	07°15'57"	N 11°20'22" E (S 9°46'28" W)	193.58' (193.47')
C6	671.34'	1912.57' (1909.86')	20°06'42"	N 25°01'41" E	667.90'

LEGEND

- ⊗ FOUND CUT X PRIOR TO PROJECT, SET CUT X AT THE SAME LOCATION AFTER PROJECT
- ⊗B FOUND BROKEN OFF MAG NAIL PRIOR TO PROJECT, SET CUT X AT THE THE SAME LOCATION AFTER PROJECT
- ■ FOUND MAG NAIL – MONUMENT WAS NOT REMOVED DURING CONSTRUCTION
- ⊕ FOUND CUT X – MONUMENT WAS NOT REMOVED DURING CONSTRUCTION
- ——— LOT LINE, PARCEL LINE OR DEED LINE
- —— - —— SECTION LINE AND OR 1/4 SECTION LINE
- — — — — R.O.W. LINE
- —— - —— CENTERLINE OF ROAD
- ( ) RECORDED AS

MONUMENT PRESERVATION CERTIFICATE

PLAN VIEW

CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C1	274.31' (274.28')	1911.51' (1909.86')	08°13'20"	N 30°58'23" E (N 31°03'48" E)	274.07' (274.04')
C2	265.30' (265.27')	1911.51' (1909.86')	07°57'08"	N 22°53'09" E (N 22°58'13" E)	265.09' (265.05')
C3	60.40' (60.46')	1911.51' (1909.86')	01°48'37"	N 18°00'17" E (N 18°05'03" E)	60.39' (60.45')

LEGEND

- ⊗ FOUND MAG NAIL PRIOR TO PROJECT, SET CUT X AT THE SAME LOCATION AFTER PROJECT
- B⊗ FOUND BROKEN OFF MAG NAIL PRIOR TO PROJECT, SET CUT X AT THE SAME LOCATION AFTER PROJECT
- ⊠ FOUND MAG NAIL – MONUMENT WAS NOT REMOVED DURING CONSTRUCTION
- B⊠ FOUND BROKEN OFF MAG NAIL – MONUMENT WAS NOT REMOVED DURING CONSTRUCTION
- ——— LOT LINE, PARCEL LINE OR DEED LINE
- —— – – —— SECTION LINE AND OR 1/4 SECTION LINE
- — — — — R.O.W. LINE
- —— – —— CENTERLINE OF ROAD
- ( ) RECORDED AS

NW1/4
SEC. 19, T88N, R4W

NO MONUMENT FOUND AT LOT CORNER OR PARCEL CORNER

LOT 4
THE VILLAGE – FIRST ADDITION
BOOK 2006, PAGE 4426

PARCEL 2016–101
BOOK 2016, PAGE 3445

℄ 220TH AVENUE

C3

C2

C1

LOT 10
THE VILLAGE – SECOND ADDITION
BOOK 2008, PAGE 32

SW1/4
SEC. 19, T88N, R4W

LOT 9
THE VILLAGE – SECOND ADDITION
BOOK 2008, PAGE 32

LOT 12
THE VILLAGE – THIRD ADDITION
BOOK 2015, PAGE 2287

LOT 13
THE VILLAGE – THIRD ADDITION
BOOK 2015, PAGE 2287

627.60'
(627.60')

NO MONUMENT FOUND AT LOT CORNER OR PARCEL CORNER

N 35°05'02" E
(N 33°32'15" E)

PARCEL 2016–102
BOOK 2016, PAGE 3445

LOT 11
THE VILLAGE – THIRD ADDITION
BOOK 2015, PAGE 2287

N

LOT 1
HARTWICK LAKE CLUB
NORTHEAST DIVISION
BOOK 5, PAGE 51

LOT 9
HARTWICK LAKE CLUB
NORTHEAST SECOND DIVISION
BOOK 2005, PAGE 2840

LOT 9A
HARTWICK LAKE CLUB
NORTHEAST SECOND DIVISION
BOOK 2005, PAGE 2840

SCALE 1" = 150'

150 0 150 300