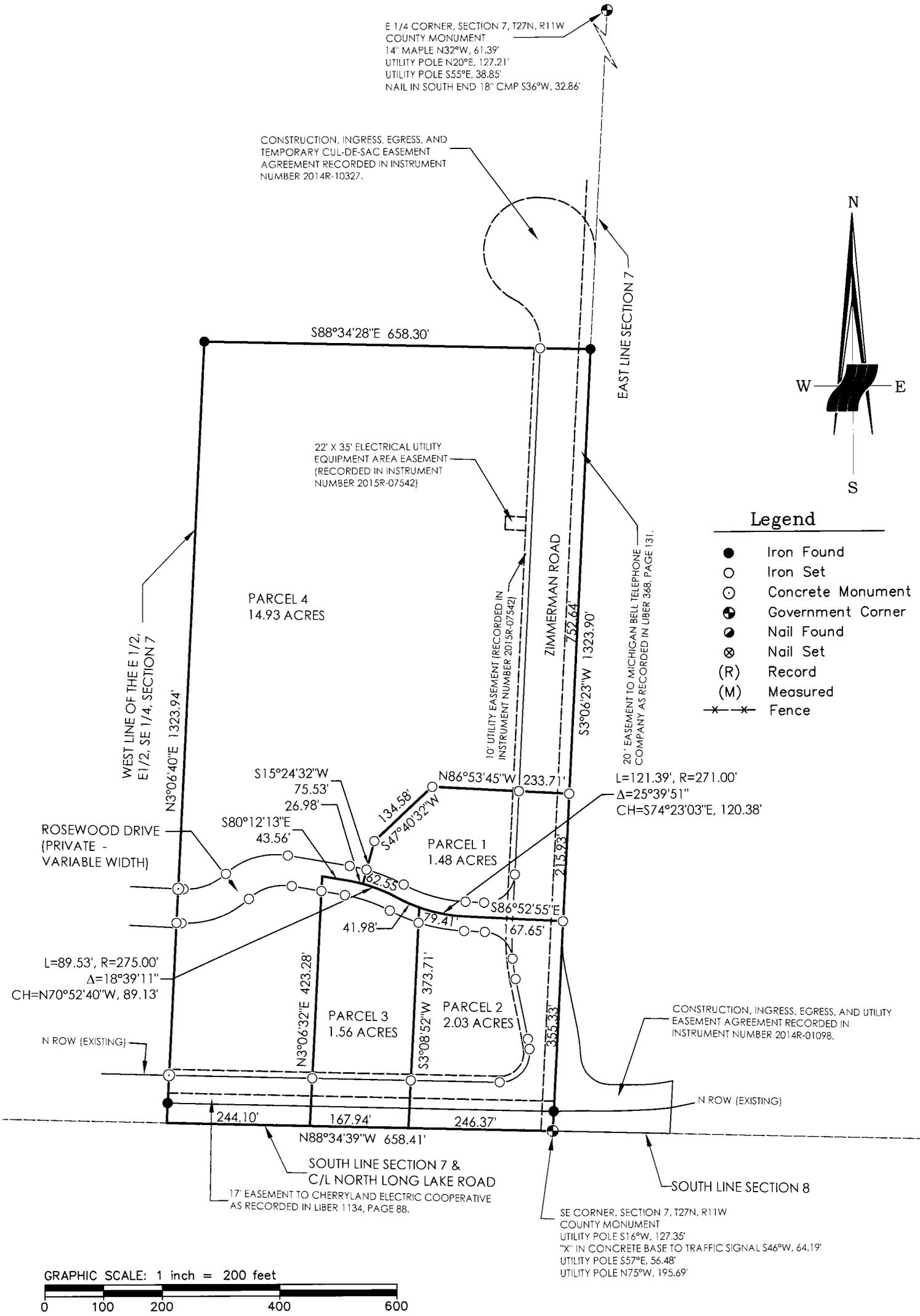


# CERTIFICATE OF SURVEY



I, Michael K. Geisert, a Professional Surveyor in the State of Michigan, do hereby certify: That I have surveyed and mapped the herein described parcel(s), that the ratio of closure of the unadjusted field observations is within the accepted limits and that I have fully complied with the requirements of P.A. 132 of 1970, as amended.

**THE WODA GROUP, LLC**

**Mansfield**  
Land Use Consultants  
Planners - Civil Engineers - Surveyors

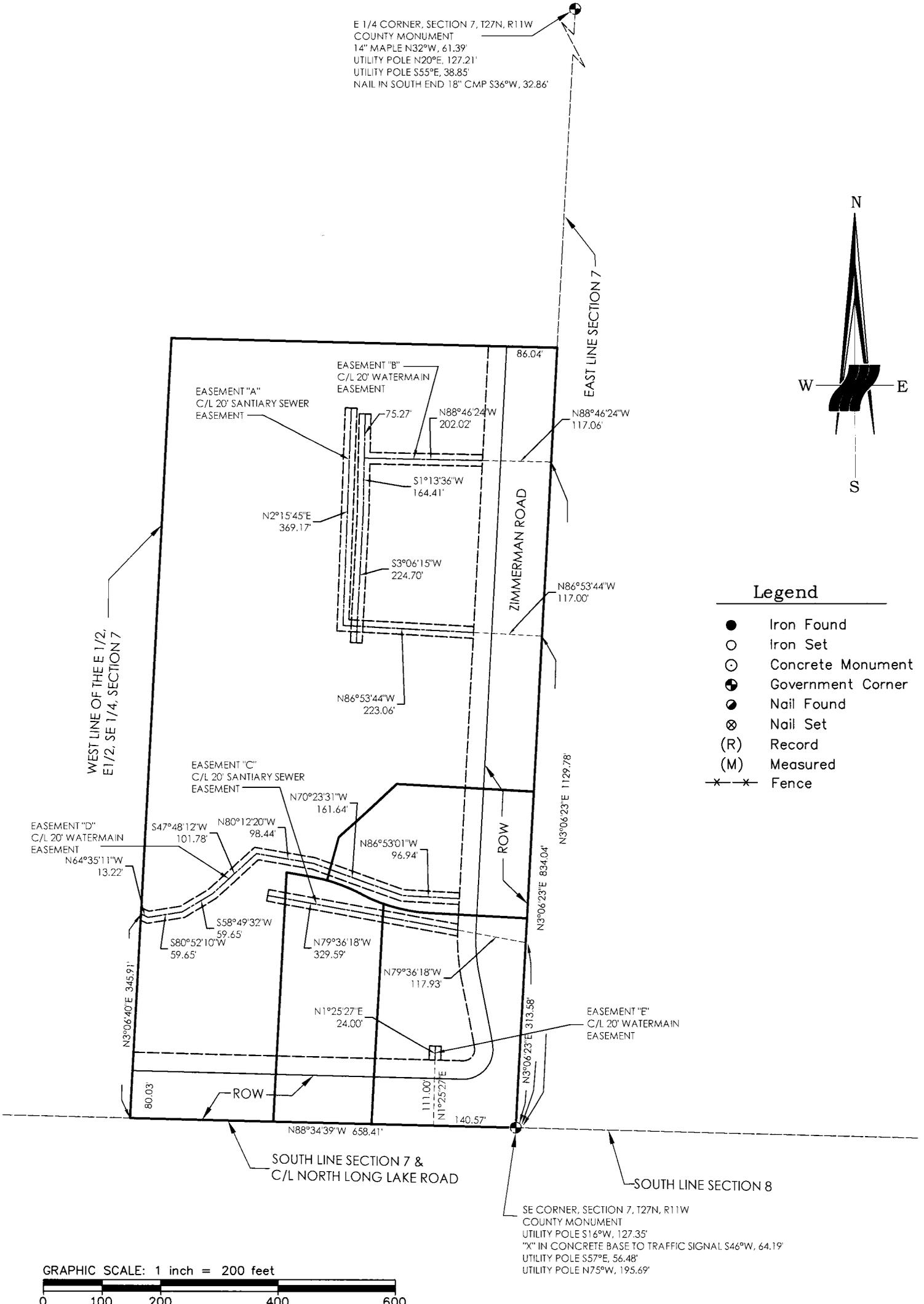
PO Box 4015  
830 Cottageview Dr., Suite 201  
Traverse City, MI, 49685  
Ph: (231) 946-9310  
Fax: (231) 946-8926  
www.maaeps.com

BEARING BASIS: LONE TREE I, AT SITE CONDOMINIUM

Part of the SE 1/4  
Section 7, T27N, R11W  
Garfield Township, Grand Traverse County, Michigan

DRN: MKG	CKD: MKG
6/9/15	
13051	
SHT 1 OF 12	

# CERTIFICATE OF SURVEY



I, Michael K. Geisert, a Professional Surveyor in the State of Michigan, do hereby certify: That I have surveyed and mapped the herein described parcel(s), that the ratio of closure of the unadjusted field observations is within the accepted limits and that I have fully complied with the requirements of P.A. 132 of 1970, as amended.

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 Garfield Township, Grand Traverse County, Michigan

DRN:MKG CKD:MKG

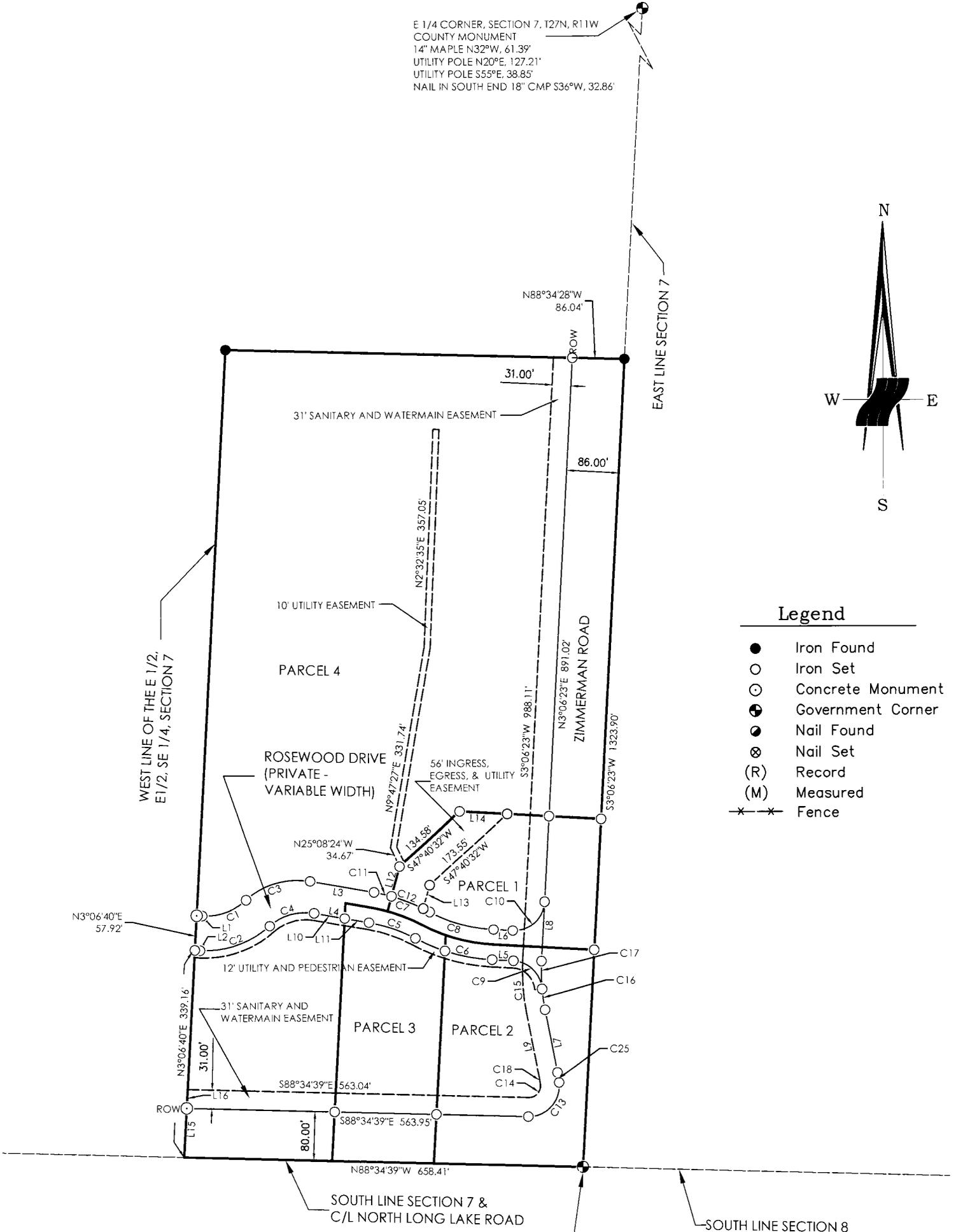
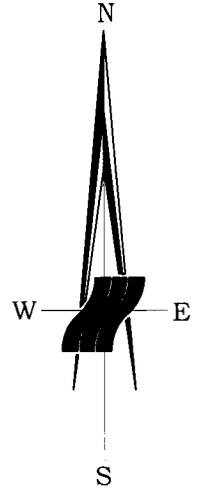
6/9/15

13051

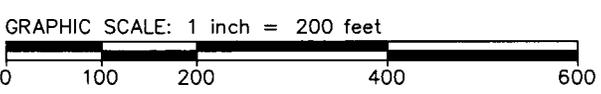
SHT 2 OF 12

# CERTIFICATE OF SURVEY

E 1/4 CORNER, SECTION 7, T27N, R11W  
 COUNTY MONUMENT  
 14" MAPLE N32°W, 61.39'  
 UTILITY POLE N20°E, 127.21'  
 UTILITY POLE S55°E, 38.85'  
 NAIL IN SOUTH END 18" CMP S36°W, 32.86'



- Legend**
- Iron Found
  - Iron Set
  - ⊙ Concrete Monument
  - ⊕ Government Corner
  - Nail Found
  - ⊗ Nail Set
  - (R) Record
  - (M) Measured
  - ✕✕✕ Fence



SE CORNER, SECTION 7, T27N, R11W  
 COUNTY MONUMENT  
 UTILITY POLE S16°W, 127.35'  
 "X" IN CONCRETE BASE TO TRAFFIC SIGNAL S46°W, 64.19'  
 UTILITY POLE S57°E, 56.48'  
 UTILITY POLE N75°W, 195.69'

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 Garfield Township, Grand Traverse County, Michigan

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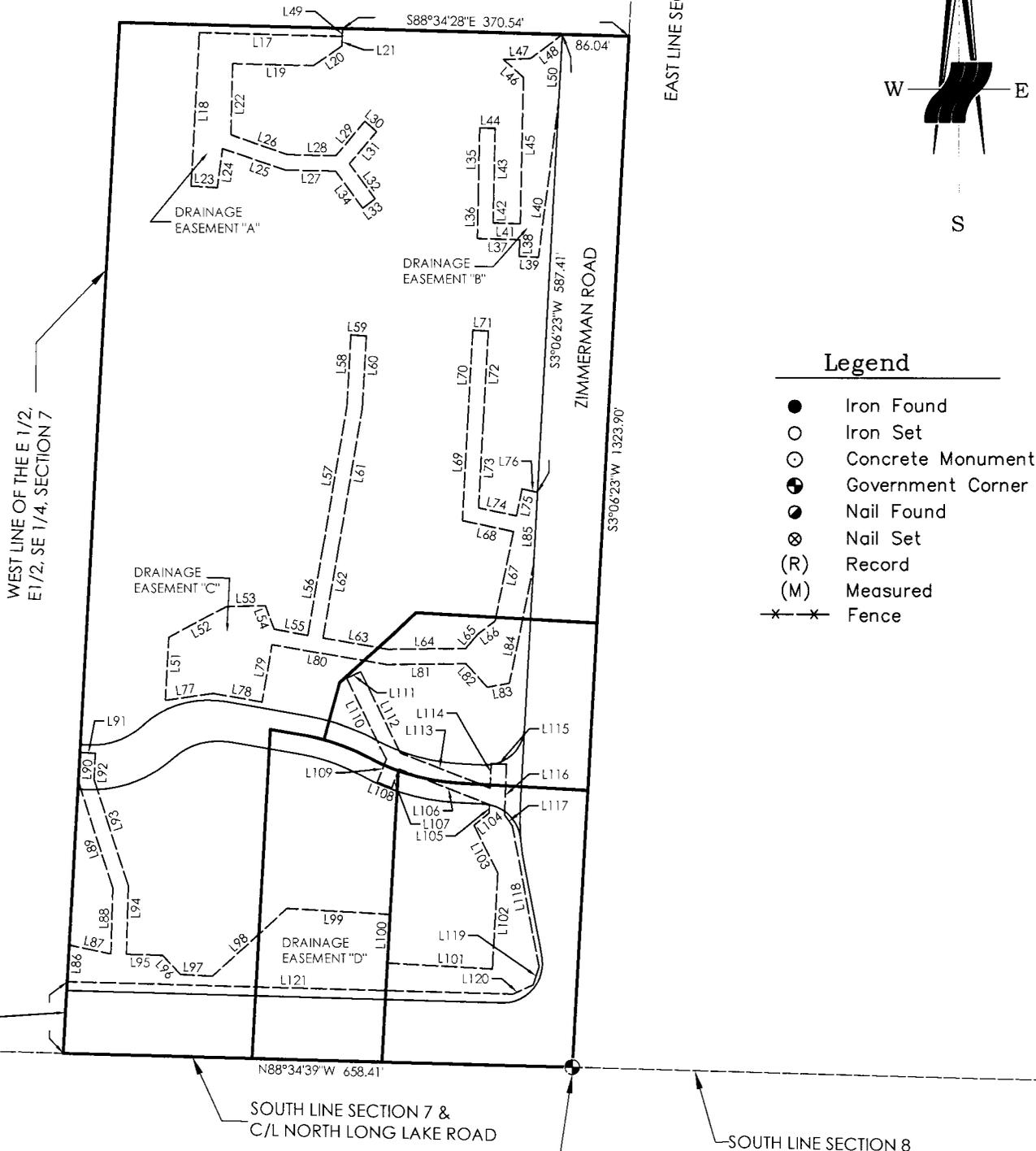
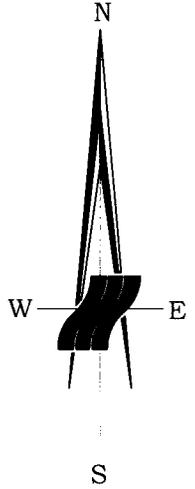
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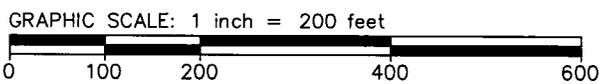
SHT 3 OF 12

# CERTIFICATE OF SURVEY

E 1/4 CORNER, SECTION 7, T27N, R11W  
 COUNTY MONUMENT  
 14" MAPLE N32°W, 61.39'  
 UTILITY POLE N20°E, 127.21'  
 UTILITY POLE S55°E, 38.85'  
 NAIL IN SOUTH END 18" CMP S36°W, 32.86'



- Legend**
- Iron Found
  - Iron Set
  - ⊙ Concrete Monument
  - ⊕ Government Corner
  - Nail Found
  - ⊗ Nail Set
  - (R) Record
  - (M) Measured
  - ✕✕✕ Fence



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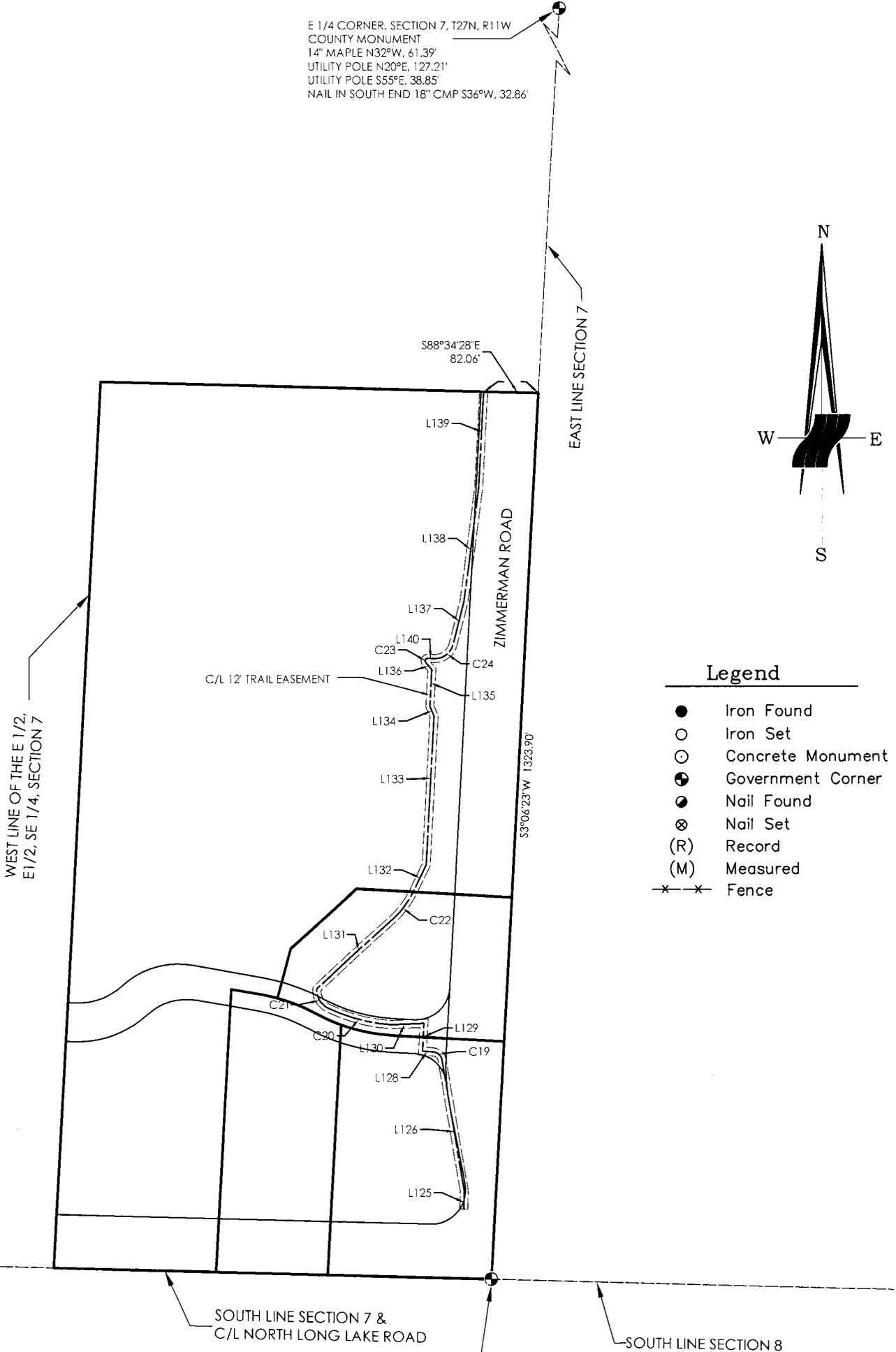
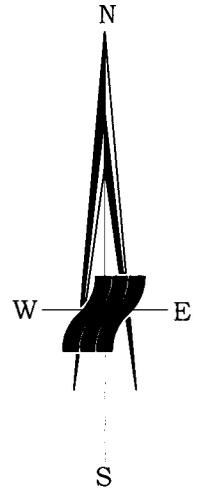
DRN:MKG CRD:MKG

Part of the SE 1/4  
 Section 7, T27N, R11W  
 Garfield Township, Grand Traverse County, Michigan

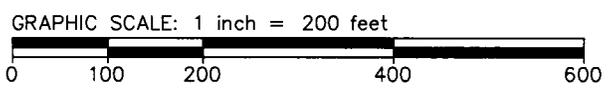
6/9/15  
 13051  
 SHT 4 OF 12

# CERTIFICATE OF SURVEY

E 1/4 CORNER, SECTION 7, T27N, R11W  
 COUNTY MONUMENT  
 14" MAPLE N32°W, 61.39'  
 UTILITY POLE N20°E, 127.21'  
 UTILITY POLE S55°E, 38.85'  
 NAIL IN SOUTH END 18" CMP S36°W, 32.86'



- Legend**
- Iron Found
  - Iron Set
  - ⊙ Concrete Monument
  - ⊕ Government Corner
  - Nail Found
  - ⊗ Nail Set
  - (R) Record
  - (M) Measured
  - \*—\*— Fence



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 Garfield Township, Grand Traverse County, Michigan

DRN:MKG CKD:MKG

6/9/15

13051

SHT 5 OF 12

# CERTIFICATE OF SURVEY

LINE TABLE											
LINE #	LENGTH	DIRECTION									
L1	9.15'	S86°52'31"E	L35	88.92'	N1°16'21"E	L69	127.65'	S3°06'21"W	L103	68.64'	S26°44'50"E
L2	8.76'	S86°50'04"E	L36	52.47'	N1°13'36"E	L70	116.43'	S3°06'21"W	L104	24.88'	S51°34'45"W
L3	106.98'	S80°12'13"E	L37	55.03'	N88°45'06"W	L71	20.00'	N86°53'39"W	L105	10.91'	S2°13'21"W
L4	91.76'	S80°12'13"E	L38	21.32'	N3°02'48"E	L72	116.43'	N3°06'21"E	L106	125.38'	S68°50'57"E
L5	35.22'	S86°52'54"E	L39	25.27'	N86°53'37"W	L73	110.42'	N3°06'21"E	L107	26.09'	N21°41'04"E
L6	31.64'	S86°52'54"E	L40	201.16'	S7°28'49"W	L74	50.19'	N78°21'46"W	L108	20.00'	S68°18'56"E
L7	104.18'	N11°14'33"W	L41	35.11'	S88°45'06"E	L75	35.00'	S11°38'14"W	L109	31.56'	S21°41'04"W
L8	97.99'	N3°06'23"E	L42	32.47'	S1°13'36"W	L76	20.39'	N78°21'46"W	L110	116.18'	S26°11'56"E
L9	104.18'	S11°14'33"E	L43	88.91'	S1°16'21"W	L77	62.38'	N81°41'00"E	L111	20.00'	S63°48'04"W
L10	51.13'	S80°12'13"E	L44	20.00'	S88°43'39"E	L78	64.29'	S80°12'20"E	L112	116.72'	N26°11'56"W
L11	40.63'	S80°12'13"E	L45	187.69'	N1°14'54"E	L79	75.34'	N9°45'45"E	L113	124.52'	N68°50'57"W
L12	50.53'	N15°24'32"E	L46	34.69'	N48°16'13"W	L80	151.23'	S80°14'15"E	L114	31.34'	S2°13'21"W
L13	39.61'	S15°24'32"W	L47	35.41'	N87°48'21"E	L81	101.75'	N89°19'10"E	L115	20.00'	N87°46'39"W
L14	78.61'	N86°53'45"W	L48	51.02'	N53°13'12"E	L82	40.88'	S42°20'33"E	L116	64.82'	N2°13'21"E
L15	80.03'	N3°06'40"E	L49	10.00'	N1°25'32"E	L83	29.13'	N79°43'03"E	L117	16.71'	N36°36'31"W
L16	31.01'	N3°06'40"E	L50	85.98'	N3°06'23"E	L84	154.63'	N11°31'38"E	L118	184.65'	N10°57'50"W
L17	184.53'	S88°34'28"E	L51	81.73'	S3°06'32"W	L85	93.42'	N3°06'23"E	L119	24.54'	N17°08'05"E
L18	197.28'	N3°06'32"E	L52	84.37'	S62°27'13"W	L86	47.92'	N3°06'40"E	L120	29.02'	N65°45'25"E
L19	104.82'	N88°44'08"W	L53	49.80'	S88°27'29"W	L87	55.16'	N77°59'29"W	L121	576.55'	S88°34'33"E
L20	44.32'	S55°31'45"W	L54	31.85'	N20°48'30"W	L88	83.93'	S1°25'27"W	L125	27.15'	N1°25'26"E
L21	12.20'	N1°25'32"E	L55	44.42'	N80°14'15"W	L89	144.11'	S18°02'56"E	L126	198.52'	N9°37'36"W
L22	91.32'	S1°16'18"W	L56	117.85'	S9°45'45"W	L90	37.71'	N3°06'40"E	L128	15.61'	N86°53'01"W
L23	33.90'	N86°44'23"W	L57	178.41'	S9°45'45"W	L91	20.00'	N87°19'42"W	L129	41.33'	N2°55'22"E
L24	51.12'	S7°34'56"W	L58	92.60'	S3°06'15"W	L92	34.13'	N3°06'40"E	L130	49.96'	S87°46'25"W
L25	85.66'	N71°01'17"W	L59	20.00'	N86°53'45"W	L93	143.81'	N18°02'56"W	L131	153.11'	N47°39'27"E
L26	77.87'	S71°01'17"E	L60	93.76'	N3°06'15"E	L94	87.36'	N1°25'27"E	L132	42.83'	N26°15'43"E
L27	65.15'	N88°43'42"W	L61	179.57'	N9°45'45"E	L95	46.87'	N88°34'33"W	L133	222.17'	N3°06'23"E
L28	62.17'	S88°43'42"E	L62	117.85'	N9°45'45"E	L96	33.67'	N42°18'12"W	L134	15.88'	N23°00'12"W
L29	57.51'	N40°17'46"E	L63	85.90'	N80°14'15"W	L97	41.99'	N87°18'03"W	L135	54.82'	N3°06'23"E
L30	20.00'	S49°42'14"E	L64	99.73'	S89°19'10"W	L98	129.90'	S47°42'06"W	L136	14.30'	N40°12'49"W
L31	54.36'	S40°17'46"W	L65	23.87'	S39°54'55"W	L99	133.49'	N86°53'37"W	L137	66.06'	N14°30'45"E
L32	55.92'	S36°30'14"E	L66	27.70'	S54°02'00"W	L100	62.68'	N3°08'52"E	L138	168.60'	N7°28'49"E
L33	20.00'	S53°29'46"W	L67	117.87'	S11°38'14"W	L101	135.89'	N86°53'37"W	L139	145.48'	N3°06'16"E
L34	58.94'	N36°30'14"W	L68	67.42'	S78°21'46"E	L102	123.29'	S3°10'41"W	L140	9.50'	S86°53'37"E

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BEARING BASIS: LONE TREE I, AT SITE CONDOMINIUM

DRN: MKG CKD: MKG

Part of the SE 1/4  
Section 7, T27N, R11W  
Garfield Township, Grand Traverse County, Michigan

6/9/15

13051

SHT 6 OF 12

# CERTIFICATE OF SURVEY

CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD BEARING	CHORD DIST.
C1	78.73'	99.91'	45°09'07"	N70° 34' 18"E	76.71'
C2	125.09'	158.00'	45°21'37"	N70° 29' 07"E	121.85'
C3	113.87'	126.00'	51°46'41"	S73° 54' 25"W	110.03'
C4	78.95'	87.00'	51°59'28"	S73° 48' 03"W	76.26'
C5	81.39'	250.00'	18°39'11"	N70° 52' 40"W	81.03'
C6	132.59'	296.00'	25°39'51"	S74° 23' 03"E	131.48'
C7	97.66'	300.00'	18°39'07"	N70° 52' 40"W	97.23'
C8	110.33'	246.00'	25°41'51"	S74° 24' 01"E	109.41'
C9	71.44'	50.00'	81°51'53"	N45° 56' 58"W	65.52'
C10	78.55'	50.00'	90°00'43"	N48° 06' 44"E	70.72'
C11	29.42'	300.00'	5°37'11"	N77° 23' 38"W	29.41'
C12	56.33'	300.00'	10°45'30"	N69° 12' 17"W	56.25'
C13	85.94'	50.00'	98°28'42"	S42° 11' 00"W	75.74'
C14	32.66'	19.00'	98°28'42"	N42° 11' 00"E	28.78'
C15	87.40'	349.00'	14°20'56"	S4° 04' 05"E	87.17'
C16	34.55'	318.00'	6°13'29"	S8° 07' 48"E	34.53'
C17	45.09'	318.00'	8°07'26"	S0° 57' 20"E	45.05'
C18	14.69'	201.00'	4°11'11"	N9° 08' 56"W	14.68'
C19	20.23'	15.00'	77°15'25"	N48° 15' 18"W	18.73'
C20	98.26'	255.00'	22°04'40"	N75° 19' 48"W	97.65'
C21	35.40'	30.00'	67°36'51"	N30° 29' 03"W	33.38'
C22	54.89'	147.00'	21°23'43"	N36° 57' 35"E	54.57'
C23	9.31'	4.00'	133°19'12"	N26° 26' 47"E	7.35'
C24	38.41'	28.00'	78°35'38"	N53° 48' 34"E	35.47'
C25	16.95'	232.00'	4°11'11"	N9° 08' 56"W	16.95'

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CKD: MKG

Part of the SE 1/4  
Section 7, T27N, R11W  
Garfield Township, Grand Traverse County, Michigan

6/9/15

13051

SHT 7 OF 12

# CERTIFICATE OF SURVEY

**PARENT PARCEL DESCRIPTION:**

PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN DESCRIBED AS FOLLOWS: BEGINNING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 88° 34' 39" WEST, 658.41 FEET ALONG THE SOUTH LINE OF SAID SECTION 7 TO THE WEST LINE OF THE EAST 1/2 OF THE EAST 1/2 OF THE SOUTHEAST 1/4 OF SAID SECTION 7; THENCE NORTH 03° 06' 40" EAST, 1323.94 FEET ALONG THE WEST LINE OF THE EAST 1/2 OF THE EAST 1/2 OF THE SOUTHEAST 1/4 OF SAID SECTION 7; THENCE SOUTH 88° 34' 28" EAST, 658.30 FEET TO THE EAST LINE OF SAID SECTION 7; THENCE SOUTH 03° 06' 23" WEST, 1323.90 FEET ALONG THE EAST LINE OF SAID SECTION 7 TO THE POINT OF BEGINNING.

**PARCEL 1 DESCRIPTION:**

PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 03° 06' 23" EAST, 355.33 FEET ALONG THE EAST LINE OF SAID SECTION 7 TO THE POINT OF BEGINNING; THENCE NORTH 86° 52' 55" WEST, 167.65 FEET; THENCE 121.39 FEET ALONG THE ARC OF A 271.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN INCLUDED ANGLE OF 25° 39' 51", AND THE LONG CHORD OF WHICH BEARS NORTH 74° 23' 03" WEST, 120.38 FEET; THENCE 62.55 FEET ALONG THE ARC OF A 275.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 13° 01' 54", AND THE LONG CHORD OF WHICH BEARS NORTH 68° 04' 02" WEST, 62.41 FEET; THENCE NORTH 15° 24' 32" EAST, 75.53 FEET; THENCE NORTH 47° 40' 32" EAST, 134.58 FEET; THENCE SOUTH 86° 53' 45" EAST, 233.71 FEET TO THE EAST LINE OF SAID SECTION 7; THENCE SOUTH 03° 06' 23" WEST, 215.93 FEET ALONG THE EAST LINE OF SAID SECTION 7 TO THE POINT OF BEGINNING.

**PARCEL 2 DESCRIPTION:**

PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN DESCRIBED AS FOLLOWS: BEGINNING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 88° 34' 39" WEST, 246.37 FEET ALONG THE SOUTH LINE OF SAID SECTION 7; THENCE NORTH 03° 08' 52" EAST, 373.71 FEET; THENCE 79.41 FEET ALONG THE ARC OF A 271.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 16° 47' 19", AND THE LONG CHORD OF WHICH BEARS SOUTH 78° 49' 19" EAST, 79.12 FEET; THENCE SOUTH 86° 52' 55" EAST, 167.65 FEET TO THE EAST LINE OF SAID SECTION 7; THENCE SOUTH 03° 06' 23" WEST, 355.33 FEET ALONG THE EAST LINE OF SAID SECTION 7 TO THE POINT OF BEGINNING.

**PARCEL 3 DESCRIPTION:**

PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 88° 34' 39" WEST, 246.37 FEET ALONG THE SOUTH LINE OF SAID SECTION 7 TO THE POINT OF BEGINNING; THENCE NORTH 88° 34' 39" WEST, 167.94 FEET ALONG THE SOUTH LINE OF SAID SECTION 7; THENCE NORTH 03° 06' 32" EAST, 423.28 FEET; THENCE SOUTH 80° 12' 13" EAST, 43.56 FEET; THENCE 89.53 FEET ALONG THE ARC OF A 275.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN INCLUDED ANGLE OF 18° 39' 11", AND THE LONG CHORD OF WHICH BEARS SOUTH 70° 52' 40" EAST, 89.13 FEET; THENCE 41.98 FEET ALONG THE ARC OF A 271.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 8° 52' 32", AND THE LONG CHORD OF WHICH BEARS SOUTH 65° 59' 24" EAST, 41.94 FEET; THENCE SOUTH 03° 08' 52" WEST, 373.71 FEET TO THE POINT OF BEGINNING.

**PARCEL 4 DESCRIPTION:**

PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 88° 34' 39" WEST, 414.31 FEET ALONG THE SOUTH LINE OF SAID SECTION 7; THENCE NORTH 88° 34' 39" WEST, 244.10 FEET ALONG THE SOUTH LINE OF SAID SECTION 7 TO THE WEST LINE OF THE EAST 1/2 OF THE EAST 1/2 OF THE SOUTHEAST 1/4 OF SAID SECTION 7; THENCE NORTH 03° 06' 40" EAST, 1323.94 FEET ALONG THE WEST LINE OF THE EAST 1/2 OF THE EAST 1/2 OF THE SOUTHEAST 1/4 OF SAID SECTION 7; THENCE SOUTH 88° 34' 28" EAST, 658.30 FEET TO THE EAST LINE OF SAID SECTION 7; THENCE SOUTH 03° 06' 23" WEST, 752.64 FEET ALONG THE EAST LINE OF SAID SECTION 7; THENCE NORTH 86° 53' 45" WEST, 233.71 FEET; THENCE SOUTH 47° 40' 32" WEST, 134.58 FEET; THENCE SOUTH 15° 24' 32" WEST, 75.53 FEET; THENCE 26.98 FEET ALONG THE ARC OF A 275.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 5° 37' 17", AND THE LONG CHORD OF WHICH BEARS NORTH 77° 23' 37" WEST, 26.97 FEET; THENCE NORTH 80° 12' 13" WEST, 43.56 FEET; THENCE SOUTH 03° 06' 32" WEST, 423.28 FEET TO THE POINT OF BEGINNING.

I, Michael K. Geisert, a Professional Surveyor in the State of Michigan, do hereby certify: That I have surveyed and mapped the herein described parcel(s), that the ratio of closure of the unadjusted field observations is within the accepted limits and that I have fully complied with the requirements of P.A. 132 of 1970, as amended.

**THE WODA GROUP, LLC**

**Mansfield**  
Land Use Consultants  
*Planners - Civil Engineers - Surveyors*

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830 Cottageview Dr., Suite 201  
Traverse City, MI, 49685  
Ph: (231) 946-9310  
Fax: (231) 946-8926  
www.maaeps.com

BEARING BASIS: LONE TREE I, AT SITE CONDOMINIUM

DRN: MKG | CKD: MKG

Part of the SE 1/4  
Section 7, T27N, R11W  
Garfield Township, Grand Traverse County, Michigan

4/18/15  
13051  
SHT 8 OF 12

# CERTIFICATE OF SURVEY

**ROSEWOOD DRIVE (PRIVATE ROAD)**

A VARIABE WIDTH PRIVATE ROAD EASEMENT IN PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 88° 34' 39" WEST ALONG THE SOUTH LINE OF SAID SECTION 7, 658.41 FEET; THENCE NORTH 03° 06' 40" EAST, 339.16 FEET TO THE POINT OF BEGINNING; THENCE NORTH 03° 06' 40" EAST, 57.92 FEET; THENCE SOUTH 86° 52' 31" EAST, 9.15 FEET; THENCE 78.73 FEET ALONG THE ARC OF A 99.91 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 45° 09' 07", AND THE LONG CHORD OF WHICH BEARS NORTH 70° 34' 18" EAST, 76.71 FEET; THENCE 113.87 FEET ALONG THE ARC OF A 126.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN INCLUDED ANGLE OF 51° 46' 41", AND THE LONG CHORD OF WHICH BEARS NORTH 73° 54' 25" EAST, 110.03 FEET; THENCE SOUTH 80° 12' 13" EAST, 106.98 FEET; THENCE 97.66 FEET ALONG THE ARC OF A 300.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN INCLUDED ANGLE OF 18° 39' 07", AND THE LONG CHORD OF WHICH BEARS SOUTH 70° 52' 40" EAST, 97.23 FEET; THENCE 110.33 FEET ALONG THE ARC OF A 246.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 25° 41' 51", AND THE LONG CHORD OF WHICH BEARS SOUTH 74° 24' 01" EAST, 109.41 FEET; THENCE SOUTH 86° 52' 54" EAST, 31.64 FEET; THENCE 78.55 FEET ALONG THE ARC OF A 50.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 90° 00' 43", AND THE LONG CHORD OF WHICH BEARS NORTH 48° 06' 44" EAST, 70.72 FEET; THENCE SOUTH 03° 06' 23" WEST, 97.99 FEET; THENCE 45.09 FEET ALONG THE ARC OF A 318.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 8° 07' 26", AND THE LONG CHORD OF WHICH BEARS SOUTH 00° 57' 20" EAST, 45.05 FEET; THENCE 71.44 FEET ALONG THE ARC OF A 50.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 81° 51' 53", AND THE LONG CHORD OF WHICH BEARS NORTH 45° 56' 58" WEST, 65.52 FEET; THENCE NORTH 86° 52' 54" WEST, 35.22 FEET; THENCE 132.59 FEET ALONG THE ARC OF A 296.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN INCLUDED ANGLE OF 25° 39' 51", AND THE LONG CHORD OF WHICH BEARS NORTH 74° 23' 03" WEST, 131.48 FEET; THENCE 81.39 FEET ALONG THE ARC OF A 250.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 18° 39' 11", AND THE LONG CHORD OF WHICH BEARS NORTH 70° 52' 40" WEST, 81.03 FEET; THENCE NORTH 80° 12' 13" WEST, 91.76 FEET; THENCE 78.95 FEET ALONG THE ARC OF A 87.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 51° 59' 28", AND THE LONG CHORD OF WHICH BEARS SOUTH 73° 48' 03" WEST, 76.26 FEET; THENCE 125.09 FEET ALONG THE ARC OF A 158.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN INCLUDED ANGLE OF 45° 21' 37", AND THE LONG CHORD OF WHICH BEARS SOUTH 70° 29' 07" WEST, 121.85 FEET; THENCE NORTH 86° 50' 04" WEST, 8.76 FEET TO THE POINT OF BEGINNING.

**31-FOOT SANITARY AND WATERMAIN EASEMENT:**

A 31-FOOT WIDE SANITARY SEWER AND WATERMAIN EASEMENT IN PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN WITH THE NORTHERLY AND WESTERLY LINES BEING DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 88° 34' 39" WEST ALONG THE SOUTH LINE OF SAID SECTION 7, 658.41 FEET; THENCE NORTH 03° 06' 40" EAST, 111.04 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 88° 34' 39" EAST, 563.04 FEET; THENCE 32.66 FEET ALONG THE ARC OF A 19.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 98° 28' 42", AND THE LONG CHORD OF WHICH BEARS NORTH 42° 11' 00" EAST, 28.78 FEET; THENCE 14.69 FEET ALONG THE ARC OF A 201.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 4° 11' 11", AND THE LONG CHORD OF WHICH BEARS NORTH 09° 08' 56" WEST, 14.68 FEET; THENCE NORTH 11° 14' 33" WEST, 104.18 FEET; THENCE 87.40 FEET ALONG THE ARC OF A 349.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN INCLUDED ANGLE OF 14° 20' 56", AND THE LONG CHORD OF WHICH BEARS NORTH 04° 04' 05" WEST, 87.17 FEET; THENCE NORTH 03° 06' 23" EAST, 988.11 FEET TO THE POINT OF ENDING. SAID EASEMENT IS ADJACENT TO ROAD RIGHT OF WAYS FOR NORTH LONG LAKE ROAD AND ZIMMERMAN ROAD.

**12-FOOT UTILITY AND PEDESTRIAN EASEMENT:**

A 12-FOOT WIDE UTILITY AND PEDESTRIAN EASEMENT IN PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN WITH THE NORTHERLY LINES BEING DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 88° 34' 39" WEST ALONG THE SOUTH LINE OF SAID SECTION 7, 658.41 FEET; THENCE NORTH 03° 06' 40" EAST, 339.16 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 86° 50' 04" EAST, 8.76 FEET; THENCE 125.09 FEET ALONG THE ARC OF A 158.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 45° 21' 37", AND THE LONG CHORD OF WHICH BEARS NORTH 70° 29' 07" EAST, 121.85 FEET; THENCE 78.95 FEET ALONG THE ARC OF A 87.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN INCLUDED ANGLE OF 51° 59' 28", AND THE LONG CHORD OF WHICH BEARS NORTH 73° 48' 03" EAST, 76.26 FEET; THENCE SOUTH 80° 12' 13" EAST, 91.76; THENCE 81.39 FEET ALONG THE ARC OF A 250.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN INCLUDED ANGLE OF 18° 39' 11", AND THE LONG CHORD OF WHICH BEARS SOUTH 70° 52' 40" EAST, 81.03 FEET; THENCE 132.59 FEET ALONG THE ARC OF A 296.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 25° 39' 51", AND THE LONG CHORD OF WHICH BEARS SOUTH 74° 23' 03" EAST, 131.48 FEET; THENCE SOUTH 86° 52' 54" EAST, 35.22 FEET; THENCE 71.44 FEET ALONG THE ARC OF A 50.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN INCLUDED ANGLE OF 81° 51' 53", AND THE LONG CHORD OF WHICH BEARS SOUTH 45° 56' 58" EAST, 65.52 FEET TO THE POINT OF ENDING.

I, Michael K. Geisert, a Professional Surveyor in the State of Michigan, do hereby certify: That I have surveyed and mapped the herein described parcel(s), that the ratio of closure of the unadjusted field observations is within the accepted limits and that I have fully complied with the requirements of P.A. 132 of 1970, as amended.

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BEARING BASIS: LONE TREE I, AT SITE CONDOMINIUM

DRN: MKG | CKD: MKG

Part of the SE 1/4  
Section 7, T27N, R11W  
Garfield Township, Grand Traverse County, Michigan

4/18/15  
13051  
SHT 9 OF 12

# CERTIFICATE OF SURVEY

**56-FOOT WIDE INGRESS, EGRESS, AND UTILITY EASEMENT:**

A 56-FOOT WIDE INGRESS, EGRESS, AND UTILITY EASEMENT IN PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 88° 34' 39" WEST ALONG THE SOUTH LINE OF SAID SECTION 7, 658.41 FEET; THENCE NORTH 03° 06' 40" EAST, 397.08 FEET; THENCE SOUTH 86° 52' 31" EAST, 9.15 FEET; THENCE 78.73 FEET ALONG THE ARC OF A 99.91 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 45° 09' 07", AND THE LONG CHORD OF WHICH BEARS NORTH 70° 34' 18" EAST, 76.71 FEET; THENCE 113.87 FEET ALONG THE ARC OF A 126.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN INCLUDED ANGLE OF 51° 46' 41", AND THE LONG CHORD OF WHICH BEARS NORTH 73° 54' 25" EAST, 110.03 FEET; THENCE SOUTH 80° 12' 13" EAST, 106.98 FEET; THENCE 29.42 FEET ALONG THE ARC OF A 300.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN INCLUDED ANGLE OF 5° 37' 11", AND THE LONG CHORD OF WHICH BEARS SOUTH 77° 23' 38" EAST, 29.41 FEET TO THE POINT OF BEGINNING; THENCE NORTH 15° 24' 32" EAST, 50.53 FEET; THENCE NORTH 47° 40' 32" EAST, 134.58 FEET; THENCE SOUTH 86° 53' 45" EAST, 78.61 FEET; THENCE SOUTH 47° 40' 32" WEST, 173.55 FEET; THENCE SOUTH 15° 24' 32" WEST, 39.61 FEET; THENCE 56.33 FEET ALONG THE ARC OF A 300.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 10° 45' 30", AND THE LONG CHORD OF WHICH BEARS NORTH 69° 12' 17" WEST, 56.25 FEET TO THE POINT OF BEGINNING.

**EASEMENT "A" - SANITARY SEWER**

A 20-FOOT WIDE SANITARY SEWER EASEMENT IN PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN WITH THE CENTERLINE BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 03° 06' 23" EAST ALONG THE EAST LINE OF SAID SECTION 7, 834.04 FEET; THENCE NORTH 86° 53' 44" WEST, 117.00 FEET TO THE POINT OF BEGINNING; THENCE NORTH 86° 53' 44" WEST, 223.06 FEET; THENCE NORTH 02° 15' 45" EAST, 369.17 FEET TO THE POINT OF ENDING.

**EASEMENT "B" - WATERMAIN**

A 20-FOOT WIDE WATERMAIN EASEMENT IN PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN WITH THE CENTERLINE BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 03° 06' 23" EAST ALONG THE EAST LINE OF SAID SECTION 7, 1129.78 FEET; THENCE NORTH 88° 46' 24" WEST, 117.06 FEET TO THE POINT OF BEGINNING; THENCE NORTH 88° 46' 24" WEST, 202.02 FEET; THENCE NORTH 01° 13' 36" EAST, 75.27 FEET; THENCE SOUTH 01° 13' 36" WEST, 164.41 FEET; THENCE SOUTH 03° 06' 15" WEST, 224.70 FEET TO THE POINT OF ENDING.

**EASEMENT "C" - SANITARY**

A 20-FOOT WIDE SANITARY SEWER EASEMENT IN PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN WITH THE CENTERLINE BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 03° 06' 23" EAST ALONG THE EAST LINE OF SAID SECTION 7, 313.58 FEET; THENCE NORTH 79° 36' 18" WEST, 117.93 FEET TO THE POINT OF BEGINNING; THENCE NORTH 79° 36' 18" WEST, 329.59 FEET TO THE POINT OF ENDING.

**EASEMENT "D" - WATERMAIN**

A 20-FOOT WIDE WATERMAIN EASEMENT IN PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN WITH THE CENTERLINE BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 88° 34' 39" WEST ALONG THE SOUTH LINE OF SAID SECTION 7, 658.41 FEET; THENCE NORTH 03° 06' 40" EAST, 345.91 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 64° 35' 11" EAST, 13.22 FEET; THENCE NORTH 80° 52' 10" EAST, 59.65 FEET; THENCE NORTH 58° 49' 32" EAST, 59.65 FEET; THENCE NORTH 47° 48' 12" EAST, 101.78 FEET; THENCE SOUTH 80° 12' 20" EAST, 98.44 FEET; THENCE SOUTH 70° 23' 31" EAST, 161.64 FEET; THENCE SOUTH 86° 53' 01" EAST, 96.94 FEET TO THE POINT OF ENDING.

**EASEMENT "E" - WATERMAIN**

A 20-FOOT WIDE WATERMAIN EASEMENT IN PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN WITH THE CENTERLINE BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 88° 34' 39" WEST ALONG THE SOUTH LINE OF SAID SECTION 7, 140.57 FEET; THENCE NORTH 01° 25' 27" EAST, 111.00 FEET TO THE POINT OF BEGINNING; THENCE NORTH 01° 25' 27" EAST, 24.00 FEET TO THE POINT OF ENDING.

I, Michael K. Geisert, a Professional Surveyor in the State of Michigan, do hereby certify: That I have surveyed and mapped the herein described parcel(s), that the ratio of closure of the unadjusted field observations is within the accepted limits and that I have fully complied with the requirements of P.A. 132 of 1970, as amended.

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BEARING BASIS: LONE TREE I, AT SITE CONDOMINIUM

DRN:MKG

CKD:MKG

Part of the SE 1/4  
Section 7, T27N, R11W

Garfield Township, Grand Traverse County, Michigan

4/18/15

13051

SHT 10 OF 12

# CERTIFICATE OF SURVEY

**10-FOOT UTILITY EASEMENT**

A 10-FOOT WIDE UTILITY EASEMENT IN PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN WITH THE WESTERLY LINES BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 88° 34' 39" WEST ALONG THE SOUTH LINE OF SAID SECTION 7, 658.41 FEET; THENCE NORTH 03° 06' 40" EAST, 397.08 FEET; THENCE SOUTH 86° 52' 31" EAST, 9.15 FEET; THENCE 78.73 FEET ALONG THE ARC OF A 99.91 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 45° 09' 07", AND THE LONG CHORD OF WHICH BEARS NORTH 70° 34' 18" EAST, 76.71 FEET; THENCE 113.87 FEET ALONG THE ARC OF A 126.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN INCLUDED ANGLE OF 51° 46' 41", AND THE LONG CHORD OF WHICH BEARS NORTH 73° 54' 25" EAST, 110.03 FEET; THENCE SOUTH 80° 12' 13" EAST, 106.98 FEET; THENCE 29.42 FEET ALONG THE ARC OF A 300.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN INCLUDED ANGLE OF 5° 37' 11", AND THE LONG CHORD OF WHICH BEARS SOUTH 77° 23' 38" EAST, 29.41 FEET; THENCE NORTH 15° 24' 32" EAST, 50.53 FEET TO THE POINT OF BEGINNING; THENCE NORTH 25° 08' 24" WEST, 34.67 FEET; THENCE NORTH 09° 47' 27" EAST, 331.74 FEET; THENCE NORTH 02° 32' 35" EAST, 357.05 FEET TO THE POINT OF ENDING.

**DRAINAGE EASEMENT "A"**

A STORM WATER SEWER AND STORAGE EASEMENT IN PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 03° 06' 23" EAST ALONG THE EAST LINE OF SAID SECTION 7, 1323.90 FEET; THENCE NORTH 88° 34' 28" WEST, 370.54 FEET; THENCE SOUTH 01° 25' 32" WEST, 10.00 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 01° 25' 32" WEST, 12.20 FEET; THENCE SOUTH 55° 31' 45" WEST, 44.32 FEET; THENCE NORTH 88° 44' 08" WEST, 104.82 FEET; THENCE SOUTH 01° 16' 18" WEST, 91.32 FEET; THENCE SOUTH 71° 01' 17" EAST, 77.87 FEET; THENCE SOUTH 88° 43' 42" EAST, 62.17 FEET; THENCE NORTH 40° 17' 46" EAST, 57.51 FEET; THENCE SOUTH 49° 42' 14" EAST, 20.00 FEET; THENCE SOUTH 40° 17' 46" WEST, 54.36 FEET; THENCE SOUTH 36° 30' 14" EAST, 55.92 FEET; THENCE SOUTH 53° 29' 46" WEST, 20.00 FEET; THENCE NORTH 36° 30' 14" WEST, 58.94 FEET; THENCE NORTH 88° 43' 42" WEST, 65.15 FEET; THENCE NORTH 71° 01' 17" WEST, 85.66 FEET; THENCE SOUTH 07° 34' 56" WEST, 51.12 FEET; THENCE NORTH 86° 44' 23" WEST, 33.90 FEET; THENCE NORTH 03° 06' 32" EAST, 197.28 FEET; THENCE SOUTH 88° 34' 28" EAST, 184.53 FEET TO THE POINT OF BEGINNING.

**DRAINAGE EASEMENT "B"**

A STORM WATER SEWER AND STORAGE EASEMENT IN PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 03° 06' 23" EAST ALONG THE EAST LINE OF SAID SECTION 7, 1323.90 FEET; THENCE NORTH 88° 34' 28" WEST, 86.04 TO THE WEST RIGHT OF WAY OF ZIMMERMAN ROAD AND THE POINT OF BEGINNING; THENCE SOUTH 03° 06' 23" WEST ALONG THE WEST RIGHT OF WAY OF ZIMMERMAN ROAD, 85.98 FEET; THENCE SOUTH 07° 28' 49" WEST, 201.16 FEET; THENCE NORTH 86° 53' 37" WEST, 25.27 FEET; THENCE NORTH 03° 02' 48" EAST, 21.32 FEET; THENCE NORTH 88° 45' 06" WEST, 55.03 FEET; THENCE NORTH 01° 13' 36" EAST, 52.47 FEET; THENCE NORTH 01° 16' 21" EAST, 88.92 FEET; THENCE SOUTH 88° 43' 39" EAST, 20.00 FEET; THENCE SOUTH 01° 16' 21" WEST, 88.91 FEET; THENCE SOUTH 01° 13' 36" WEST, 32.47 FEET; THENCE SOUTH 88° 45' 06" EAST, 35.11 FEET; THENCE NORTH 01° 14' 54" EAST, 187.69 FEET; THENCE NORTH 48° 16' 13" WEST, 34.69 FEET; THENCE NORTH 87° 48' 21" EAST, 35.41 FEET; THENCE NORTH 53° 13' 12" EAST, 51.02 FEET TO THE POINT OF BEGINNING.

**DRAINAGE EASEMENT "C"**

A STORM WATER SEWER AND STORAGE EASEMENT IN PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 03° 06' 23" EAST ALONG THE EAST LINE OF SAID SECTION 7, 1323.90 FEET; THENCE NORTH 88° 34' 28" WEST, 86.04 TO THE WEST RIGHT OF WAY OF ZIMMERMAN ROAD; THENCE SOUTH 03° 06' 23" WEST ALONG THE WEST RIGHT OF WAY OF ZIMMERMAN ROAD, 587.41 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 03° 06' 23" WEST ALONG THE WEST RIGHT OF WAY OF ZIMMERMAN ROAD, 93.42 FEET; THENCE SOUTH 11° 31' 38" WEST, 154.63 FEET; THENCE SOUTH 79° 43' 03" WEST, 29.13 FEET; THENCE NORTH 42° 20' 33" WEST, 40.88 FEET; THENCE SOUTH 89° 19' 10" WEST, 101.75 FEET; THENCE NORTH 80° 14' 15" WEST, 151.23 FEET; THENCE SOUTH 09° 45' 45" WEST, 75.34 FEET; THENCE NORTH 80° 12' 20" WEST, 64.29 FEET; THENCE SOUTH 81° 41' 00" WEST, 62.38 FEET; THENCE NORTH 03° 06' 32" EAST, 81.73 FEET; THENCE NORTH 62° 27' 13" EAST, 84.37 FEET; THENCE NORTH 88° 27' 29" EAST, 49.80 FEET; THENCE SOUTH 20° 48' 30" EAST, 31.85 FEET; THENCE SOUTH 80° 14' 15" EAST, 44.42 FEET; THENCE NORTH 09° 45' 45" EAST, 117.85 FEET; THENCE NORTH 09° 45' 45" EAST, 178.41 FEET; THENCE NORTH 03° 06' 15" EAST, 92.60 FEET; THENCE SOUTH 86° 53' 45" EAST, 20.00 FEET; THENCE SOUTH 03° 06' 15" WEST, 93.76 FEET; THENCE SOUTH 09° 45' 45" WEST, 179.57 FEET; THENCE SOUTH 09° 45' 45" WEST, 117.85 FEET; THENCE SOUTH 80° 14' 15" EAST, 85.90 FEET; THENCE NORTH 89° 19' 10" EAST, 99.73 FEET; THENCE NORTH 39° 54' 55" EAST, 23.87 FEET; THENCE NORTH 54° 02' 00" EAST, 27.70 FEET; THENCE NORTH 11° 38' 14" EAST, 117.87 FEET; THENCE NORTH 78° 21' 46" WEST, 67.42 FEET; THENCE NORTH 03° 06' 21" EAST, 127.65 FEET; THENCE NORTH 03° 06' 21" EAST, 116.43 FEET; THENCE SOUTH 86° 53' 39" EAST, 20.00 FEET; THENCE SOUTH 03° 06' 21" WEST, 116.43 FEET; THENCE SOUTH 03° 06' 21" WEST, 110.42 FEET; THENCE SOUTH 78° 21' 46" EAST, 50.19 FEET; THENCE NORTH 11° 38' 14" EAST, 35.00 FEET; THENCE SOUTH 78° 21' 46" EAST, 20.39 FEET TO THE POINT OF BEGINNING.

I, Michael K. Geisert, a Professional Surveyor in the State of Michigan, do hereby certify: That I have surveyed and mapped the herein described parcel(s), that the ratio of closure of the unadjusted field observations is within the accepted limits and that I have fully complied with the requirements of P.A. 132 of 1970, as amended.

**THE WODA GROUP, LLC**

**Mansfield**  
 Land Use Consultants  
 Planners - Civil Engineers - Surveyors

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BEARING BASIS: LONE TREE I, AT SITE CONDOMINIUM

DRN: MKG CKD: MKG

Part of the SE 1/4  
 Section 7, T27N, R11W  
 Garfield Township, Grand Traverse County, Michigan

4/18/15

13051

SHT 11 OF 12

# CERTIFICATE OF SURVEY

**DRAINAGE EASEMENT "D"**

A STORM WATER SEWER AND STORAGE EASEMENT IN PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN DESCRIBED AS FOLLOWS:  
 COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 88° 34' 39" WEST ALONG THE SOUTH LINE OF SAID SECTION 7, 658.41 FEET; THENCE NORTH 03° 06' 40" EAST, 91.40 FEET TO THE POINT OF BEGINNING; THENCE NORTH 03° 06' 40" EAST, 47.92 FEET; THENCE SOUTH 77° 59' 29" EAST, 55.16 FEET; THENCE NORTH 01° 25' 27" EAST, 83.93 FEET; THENCE NORTH 18° 02' 56" WEST, 144.11 FEET; THENCE NORTH 03° 06' 40" EAST, 37.71 FEET; THENCE SOUTH 87° 19' 42" EAST, 20.00 FEET; THENCE SOUTH 03° 06' 40" WEST, 34.13 FEET; THENCE SOUTH 18° 02' 56" EAST, 143.81 FEET; THENCE SOUTH 01° 25' 27" WEST, 87.36 FEET; THENCE SOUTH 88° 34' 33" EAST, 46.87 FEET; THENCE SOUTH 42° 18' 12" EAST, 33.67 FEET; THENCE SOUTH 87° 18' 03" EAST, 41.99 FEET; THENCE NORTH 47° 42' 06" EAST, 129.90 FEET; THENCE SOUTH 86° 53' 37" EAST, 133.49 FEET; THENCE SOUTH 03° 08' 52" WEST, 62.68 FEET; THENCE SOUTH 86° 53' 37" EAST, 135.89 FEET; THENCE NORTH 03° 10' 41" EAST, 123.29 FEET; THENCE NORTH 26° 44' 50" WEST, 68.64 FEET; THENCE NORTH 51° 34' 45" EAST, 24.88 FEET; THENCE NORTH 02° 13' 21" EAST, 10.91 FEET; THENCE NORTH 68° 50' 57" WEST, 125.38 FEET; THENCE SOUTH 21° 41' 04" WEST, 26.09 FEET; THENCE NORTH 68° 18' 56" WEST, 20.00 FEET; THENCE NORTH 21° 41' 04" EAST, 31.56 FEET; THENCE NORTH 26° 11' 56" WEST, 116.18 FEET; THENCE NORTH 63° 48' 04" EAST, 20.00 FEET; THENCE SOUTH 26° 11' 56" EAST, 116.72 FEET; THENCE SOUTH 68° 50' 57" EAST, 124.52 FEET; THENCE NORTH 02° 13' 21" EAST, 31.34 FEET; THENCE SOUTH 87° 46' 39" EAST, 20.00 FEET; THENCE SOUTH 02° 13' 21" WEST, 64.82 FEET; THENCE SOUTH 36° 36' 31" EAST, 16.71 FEET; THENCE SOUTH 10° 57' 50" EAST, 184.65 FEET; THENCE SOUTH 17° 08' 05" WEST, 24.54 FEET; THENCE SOUTH 65° 45' 25" WEST, 29.02 FEET; THENCE NORTH 88° 34' 33" WEST, 576.55 FEET TO THE POINT OF BEGINNING.

**12-FOOT WIDE TRAIL EASEMENT**

A 12-FOOT WIDE TRAIL EASEMENT IN PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN WITH THE CENTERLINE BEING DESCRIBED AS FOLLOWS:  
 COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 03° 06' 23" EAST ALONG THE EAST LINE OF SAID SECTION 7, 1323.90 FEET; THENCE NORTH 88° 34' 28" WEST, 82.06 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 03° 06' 16" WEST, 145.48 FEET; THENCE SOUTH 07° 28' 49" WEST, 168.60 FEET; THENCE SOUTH 14° 30' 45" WEST, 66.06 FEET; THENCE 38.41 FEET ALONG THE ARC OF A 28.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN INCLUDED ANGLE OF 78° 35' 38", AND THE LONG CHORD OF WHICH BEARS SOUTH 53° 48' 34" WEST, 35.47 FEET; THENCE NORTH 86° 53' 37" WEST, 9.50 FEET; THENCE 9.31 FEET ALONG THE ARC OF A 4.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 133° 19' 12", AND THE LONG CHORD OF WHICH BEARS SOUTH 26° 26' 47" WEST, 7.35 FEET; THENCE SOUTH 40° 12' 49" EAST, 14.30 FEET; THENCE SOUTH 03° 06' 23" WEST, 54.82 FEET; THENCE SOUTH 23° 00' 12" EAST, 15.88 FEET; THENCE SOUTH 03° 06' 23" WEST, 222.17 FEET; THENCE SOUTH 26° 15' 43" WEST, 42.83 FEET; THENCE 54.89 FEET ALONG THE ARC OF A 147.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN INCLUDED ANGLE OF 21° 23' 43", AND THE LONG CHORD OF WHICH BEARS SOUTH 36° 57' 35" WEST, 54.57 FEET; THENCE SOUTH 47° 39' 27" WEST, 153.11 FEET; THENCE 35.40 FEET ALONG THE ARC OF A 30.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 67° 36' 51", AND THE LONG CHORD OF WHICH BEARS SOUTH 30° 29' 03" EAST, 33.38 FEET; THENCE 98.26 FEET ALONG THE ARC OF A 255.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 22° 04' 40", AND THE LONG CHORD OF WHICH BEARS SOUTH 75° 19' 48" EAST, 97.65 FEET; THENCE NORTH 87° 46' 25" EAST, 49.96 FEET; THENCE SOUTH 02° 55' 22" WEST, 41.33 FEET; THENCE SOUTH 86° 53' 01" EAST, 15.61 FEET; THENCE 20.23 FEET ALONG THE ARC OF A 15.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN INCLUDED ANGLE OF 77° 15' 25", AND THE LONG CHORD OF WHICH BEARS SOUTH 48° 15' 18" EAST, 18.73 FEET; THENCE SOUTH 09° 37' 36" EAST, 198.52 FEET; THENCE SOUTH 01° 25' 26" WEST, 27.15 FEET TO THE POINT OF ENDING.

**NORTH LONG LAKE AND ZIMMERMAN PUBLIC RIGHT OF WAY:**

A PUBLIC ROAD RIGHT OF WAY IN PART OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 27 NORTH, RANGE 11 WEST, GARFIELD TOWNSHIP, GRAND TRAVERSE COUNTY, MICHIGAN DESCRIBED AS FOLLOWS:  
 BEGINNING AT THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 88° 34' 39" WEST ALONG THE SOUTH LINE OF SAID SECTION 7, 658.41 FEET; THENCE NORTH 03° 06' 40" EAST, 80.03 FEET; THENCE SOUTH 88° 34' 39" EAST, 563.95 FEET; THENCE 85.94 FEET ALONG THE ARC OF A 50.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 98° 28' 42", AND THE LONG CHORD OF WHICH BEARS NORTH 42° 11' 00" EAST, 75.74 FEET; THENCE 16.95 FEET ALONG THE ARC OF A 232.00 FOOT RADIUS CURVE TO THE LEFT, HAVING AN INCLUDED ANGLE OF 4° 11' 11", AND THE LONG CHORD OF WHICH BEARS NORTH 09° 08' 56" WEST, 16.95 FEET; THENCE NORTH 11° 14' 33" WEST, 104.18 FEET; THENCE 79.64 FEET ALONG THE ARC OF A 318.00 FOOT RADIUS CURVE TO THE RIGHT, HAVING AN INCLUDED ANGLE OF 14° 20' 56", AND THE LONG CHORD OF WHICH BEARS NORTH 04° 04' 05" WEST, 79.43 FEET; THENCE NORTH 03° 06' 23" EAST, 989.02 FEET; THENCE SOUTH 88° 34' 28" EAST, 86.04 FEET TO THE EAST LINE OF SAID SECTION 7; THENCE SOUTH 03° 06' 23" WEST ALONG THE EAST LINE OF SAID SECTION 7, 1323.90 FEET TO THE POINT OF BEGINNING.

I, Michael K. Geisert, a Professional Surveyor in the State of Michigan, do hereby certify: That I have surveyed and mapped the herein described parcel(s), that the ratio of closure of the unadjusted field observations is within the accepted limits and that I have fully complied with the requirements of P.A. 132 of 1970, as amended.

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