HARMONY
SECTIONS ONE & TWO
PRIMARY PLAT

SECTION 16, T18N, R3E
WASHINGTON TOWNSHIP
HAMILTON COUNTY, WESTFIELD, INDIANA

Indiana 811
Know what's below. Call before you dig.

Sheet Index

Sheet No.	Description
P100	Title Sheet
P101–P104	Primary Plat
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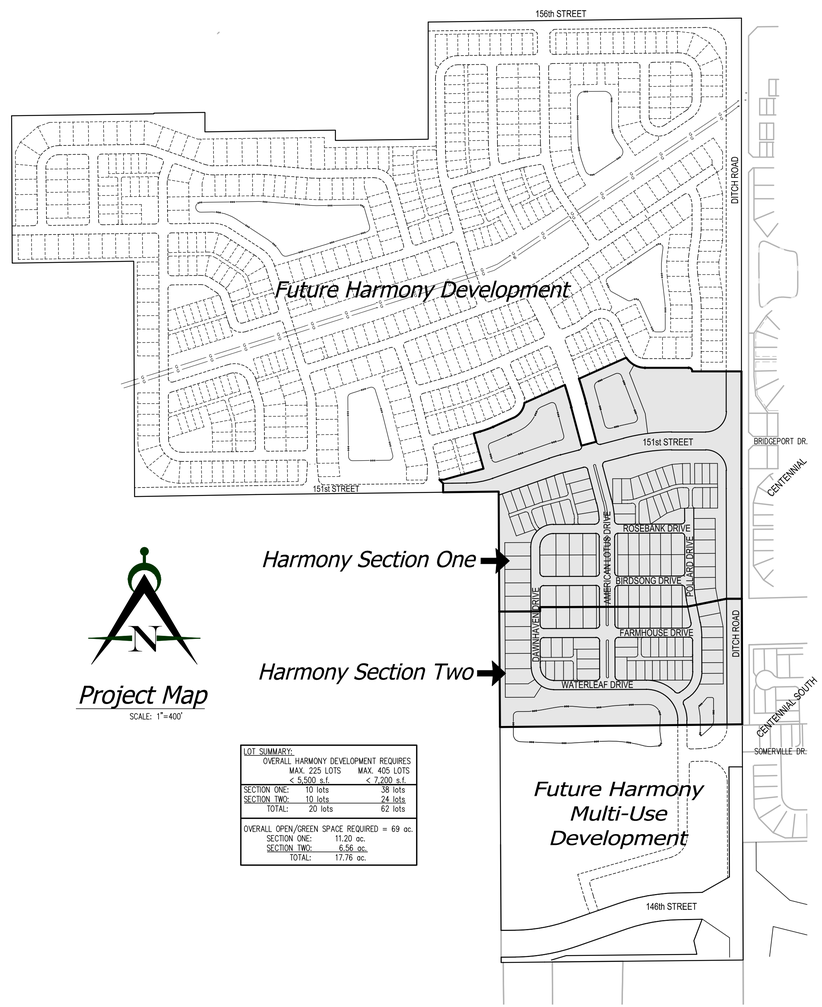
Legal Description
Harmony Primary Plat – Section 1 and 2

A PART OF SECTION 16, TOWNSHIP 18 NORTH, RANGE 3 EAST OF THE SECOND PRINCIPAL MERIDIAN, SITUATED IN WASHINGTON TOWNSHIP, HAMILTON COUNTY, INDIANA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT HARRISON MONUMENT MARKING THE SOUTHEAST CORNER OF THE SOUTHEAST QUARTER OF SAID SECTION; THENCE ON AND ALONG THE EAST LINE OF SAID SECTION NORTH 00 DEGREES 12 MINUTES 08 SECONDS WEST 1,318.04 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 89 DEGREES 21 MINUTES 22 SECONDS WEST 1,354.74 FEET TO THE WEST LINE OF THE OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION; THENCE ON AND ALONG SAID WEST LINE NORTH 00 DEGREES 18 MINUTES 09 SECONDS WEST 1,316.58 FEET TO THE NORTHWEST CORNER OF THE EAST HALF OF THE SOUTHEAST QUARTER OF SAID SECTION; THENCE ON AND ALONG THE NORTH LINE OF SAID SOUTHEAST QUARTER SOUTH 89 DEGREES 17 MINUTES 41 SECONDS WEST 310.42 FEET; THENCE NORTH 00 DEGREES 42 MINUTES 19 SECONDS WEST 50.00 FEET; THENCE NORTH 45 DEGREES 42 MINUTES 19 SECONDS WEST 28.28 FEET; THENCE NORTH 89 DEGREES 17 MINUTES 41 SECONDS EAST 25.88 FEET; THENCE NORTH 74 DEGREES 24 MINUTES 05 SECONDS EAST 229.13 FEET; THENCE NORTH 15 DEGREES 35 MINUTES 55 SECONDS WEST 205.00 FEET; THENCE NORTH 74 DEGREES 24 MINUTES 05 SECONDS EAST 38.11 FEET TO A POINT ON A TANGENT CURVE CONCAVE TO THE NORTHWEST WITH A RADIUS OF 525.50 FEET AND A CENTRAL ANGLE OF 08 DEGREES 24 MINUTES 24 SECONDS; THENCE ON AND ALONG SAID CURVE AN ARC DISTANCE OF 77.10 FEET (SAID CURVE BEING SUBTENDED BY A CHORD BEARING NORTH 70 DEGREES 11 MINUTES 53 SECONDS EAST WITH A LENGTH OF 77.04 FEET); THENCE NORTH 65 DEGREES 59 MINUTES 41 SECONDS EAST 122.69 FEET TO A POINT ON A TANGENT CURVE CONCAVE TO THE NORTHWEST WITH A RADIUS OF 105.50 FEET AND A CENTRAL ANGLE 58 DEGREES 53 MINUTES 47 SECONDS; THENCE ON AND ALONG SAID CURVE AN ARC DISTANCE OF 108.45 FEET (SAID CURVE BEING SUBTENDED BY A CHORD BEARING NORTH 36 DEGREES 32 MINUTES 47 SECONDS EAST WITH A LENGTH OF 103.74 FEET); THENCE NORTH 65 DEGREES 59 MINUTES 41 SECONDS EAST 247.55 FEET TO A POINT ON A NON TANGENT CURVE CONCAVE TO SOUTHWEST WITH A RADIUS OF 2,457.00 FEET AND CENTRAL ANGLE OF 03 DEGREES 03 MINUTES 21 SECONDS; THENCE ON AND ALONG SAID CURVE AN ARC DISTANCE OF 131.04 FEET (SAID CURVE BEING SUBTENDED BY A CHORD BEARING SOUTH 16 DEGREES 16 MINUTES 26 SECONDS EAST WITH A LENGTH OF 131.03 FEET; THENCE SOUTH 14 DEGREES 44 MINUTES 46 SECONDS EAST 220.68 FEET; THENCE NORTH 75 DEGREES 15 MINUTES 14 SECONDS EAST 86.00 FEET; THENCE NORTH 14 DEGREES 44 MINUTES 46 SECONDS WEST 220.68 FEET TO A POINT ON A CURVE CONCAVE TO THE SOUTHWEST WITH A RADIUS OF 2,543.00 FEET AND A CENTRAL ANGLE OF 03 DEGREES 15 MINUTES 59 SECONDS; THENCE ON AND ALONG SAID CURVE AN ARC DISTANCE OF 144.98 FEET (SAID ARC BEING SUBTENDED BY A CHORD BEARING NORTH 16 DEGREES 22 MINUTES 45 SECONDS WEST WITH A LENGTH OF 144.96 FEET); THENCE NORTH 65 DEGREES 59 MINUTES 41 SECONDS EAST 289.43 FEET TO A POINT ON A NON TANGENT CURVE CONCAVE TO THE NORTHEAST WITH A RADIUS OF 125.50 FEET AND A CENTRAL ANGLE OF 56 DEGREES 40 MINUTES 38 SECONDS; THENCE ON AND ALONG SAID CURVE AN ARC DISTANCE OF 124.15 FEET (SAID ARC BEING SUBTENDED BY A CHORD BEARING SOUTH 61 DEGREES 39 MINUTES 41 SECONDS EAST WITH A LENGTH OF 119.14 FEET); THENCE NORTH 90 DEGREES 00 MINUTES 00 SECONDS EAST 243.31 FEET TO A POINT ON A TANGENT CURVE CONCAVE TO THE SOUTHWEST WITH A RADIUS OF 20.00 FEET AND A CENTRAL ANGLE OF 90 DEGREES 00 MINUTES 00 SECONDS; THENCE ON AND ALONG SAID CURVE AN ARC DISTANCE OF 31.42 FEET (SAID CURVE BEING SUBTENDED BY A CHORD BEARING SOUTH 45 DEGREES 00 MINUTES 00 SECONDS EAST WITH A LENGTH OF 28.28 FEET); THENCE NORTH 90 DEGREES 00 MINUTES 00 SECOND EAST 276.00 FEET TO A POINT ON THE EAST LINE OF SAID SECTION; THENCE ON AND ALONG SAID EAST LINE SOUTH 00 DEGREES 00 MINUTES 00 SECONDS EAST 655.29 FEET TO A COPPERWELD MONUMENT MARKING THE NORTH EAST CORNER OF THE SOUTHEAST QUARTER OF SAID SECTION; THENCE CONTINUING ON AND ALONG SAID EAST LINE OF SECTION SOUTH 00 DEGREES 12 MINUTES 08 SECONDS EAST 1,318.05 FEET TO THE POINT OF BEGINNING, CONTAINING 60.980 ACRES MORE OR LESS.
SUBJECT TO ALL RIGHTS OF WAY, EASEMENTS AND RESTRICTIONS OF RECORD.



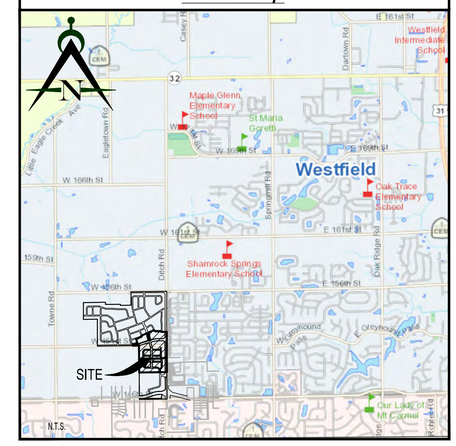
Project Map

SCALE: 1"=400'

LOT SUMMARY:		
OVERALL HARMONY DEVELOPMENT REQUIRES	MAX. 225 LOTS	MAX. 405 LOTS
	< 5,500 s.f.	< 7,200 s.f.
SECTION ONE:	10 lots	38 lots
SECTION TWO:	10 lots	24 lots
TOTAL:	20 lots	62 lots

OVERALL OPEN/GREEN SPACE REQUIRED = 69 ac.	
SECTION ONE:	11.20 ac.
SECTION TWO:	6.56 ac.
TOTAL:	17.76 ac.

Area Map



Developer:

Estridge Development Management, LLC
12965 Old Meridian Street
Carmel, IN 46032
317-669-6209
Contact: Bryan Stumpf
Email: BryanStumpf@estridge.net

Engineer:

Innovative Engineering & Consulting, Inc.
755 W. Carmel Drive
Suite 207
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Fax: 317-574-4238
Contact: Jerry Kittle
Email: jkittle@innovativeeci.com

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Fax: 317-574-4238

REVISIONS:
1. 03/09/14 kwk Revise per WFMD comments dated 04-14-14 & TAC comments
2. 05/16/14 kwk Revise per additional TAC comments

PREPARED FOR:
Estridge
Estridge Development Management, LLC
12965 Old Meridian Street
Carmel, IN 46032
317-669-6209

Harmony Sections One & Two
Single Family Subdivision
Westfield, Indiana

PRELIMINARY
PENDING
AGENCY
APPROVAL
STATE OF INDIANA
PROFESSIONAL ENGINEER
Nathan A. White
DATE: 04/03/14

DATE: 04/03/14	DRAWN BY: kwk
ISSUED:	CHECKED BY:

JOB NUMBER: 14102

SHEET # P100

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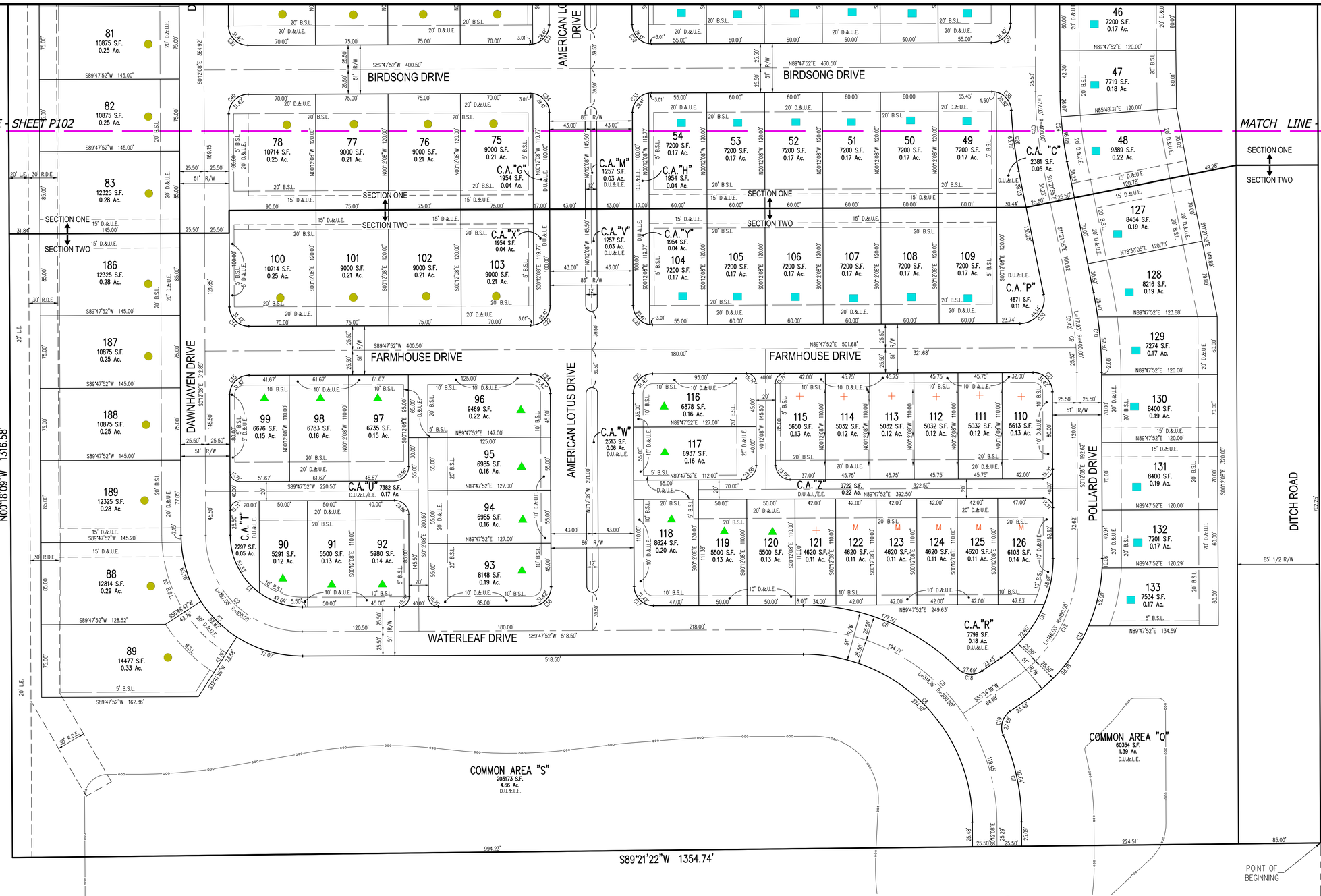

HARMONY
SECTIONS ONE & TWO
PRIMARY PLAT

PART OF SECTION 16, TOWNSHIP 18N, R3E
WASHINGTON TOWNSHIP, HAMILTON COUNTY
WESTFIELD INDIANA

ZONED: PUD - ORDINANCE 12-14

LEGEND

S.B.L. –BUILDING SETBACK LINE
D.&U.E. –DRAINAGE & UTILITY EASEMENT
L.E. –LANDSCAPE EASEMENT
R.D.E. –REGULATED DRAINAGE EASEMENT
D.U.&I./E.E. –DRAINAGE, UTILITY & INGRESS/EGRESS EASEMENT
D.U.&L.E. –DRAINAGE, UTILITY & LANDSCAPE EASEMENT

	Lot Size	Sec. 1	Sec. 2	Total
M	MEW 42'x 90'	15	5	20
+	42'x 90'	3	7	10
M▲	MEW 50'x 110'	7	0	7
▲	50'x 110'	16	15	31
■	60'x 120'	25	13	38
●	75'x 120'	17	10	27
	Total	83	50	133

GRAPHIC SCALE
50' 0 25' 50'
(IN FEET)
1 inch = 50 ft.

Developer/Owner:
Estridge Development Management, LLC
12965 Old Meridian Street
Carmel, IN 46032
317-669-6209

Engineer:
Innovative Engineering & Consulting, Inc.
755 W. Carmel Drive, Suite 207
Carmel, IN 46032
317-660-4237

S.W. CORNER E. ½ S.E. ¼ SEC. 16–T18N–R3E
SOUTH LINE S.E. ¼ SEC. 16–T18N–R3E
S.E. CORNER S.E. ¼ SEC. 16–T18N–R3E HARRISON MONUMENT FD.
EAST LINE S.E. ¼ SEC. 16–T18N–R3E
N00°12'08"W 1318.04'

Indiana 811
Know what's below. Call before you dig.

File Path\Name: I:\Jobs\2014\14102_Harmony\Dwgs\Primary Plat\P101.dwg – Date: May 16,2014 – 8:32am

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Fax: 317-571-4238

REVISIONS:
1. 03/03/14 kwk Revise per WFMD comments dated 04-14-14 & TAC comments
2. 05/16/14 kwk Revise per additional TAC comments

PREPARED FOR:
Estridge
Estridge Development Management, LLC
12965 Old Meridian Street
Carmel, IN 46032
317-669-6209

Harmony Sections One & Two
Single Family Subdivision
Westfield, Indiana
Primary Plat

PRELIMINARY
PENDING
AGENCY
APPROVAL
STATE OF INDIANA
PROFESSIONAL ENGINEER
Matthew A. White
DATE: 04/03/14

DATE: 04/03/14	DRAWN BY: kwk
ISSUED:	CHECKED BY:
JOB NUMBER: 14102	
SHEET # P101	

Indiana 811
Know what's below. Call before you dig.

LEGEND

S.B.L. –BUILDING SETBACK LINE
D.&U.E. –DRAINAGE & UTILITY EASEMENT
L.E. –LANDSCAPE EASEMENT
R.D.E. –REGULATED DRAINAGE EASEMENT
D.U.&I./E.E. –DRAINAGE, UTILITY & INGRESS/EGRESS EASEMENT
D.U.&L.E. –DRAINAGE, UTILITY & LANDSCAPE EASEMENT

	Lot Size	Sec. 1	Sec. 2	Total
M	MEW 42'x 90'	15	5	20
+	42'x 90'	3	7	10
M▲	MEW 50'x 110'	7	0	7
▲	50'x 110'	16	15	31
■	60'x 120'	25	13	38
●	75'x 120'	17	10	27
	Total	83	50	133

GRAPHIC SCALE
50' 0 25' 50'
(IN FEET)
1 inch = 50 ft.

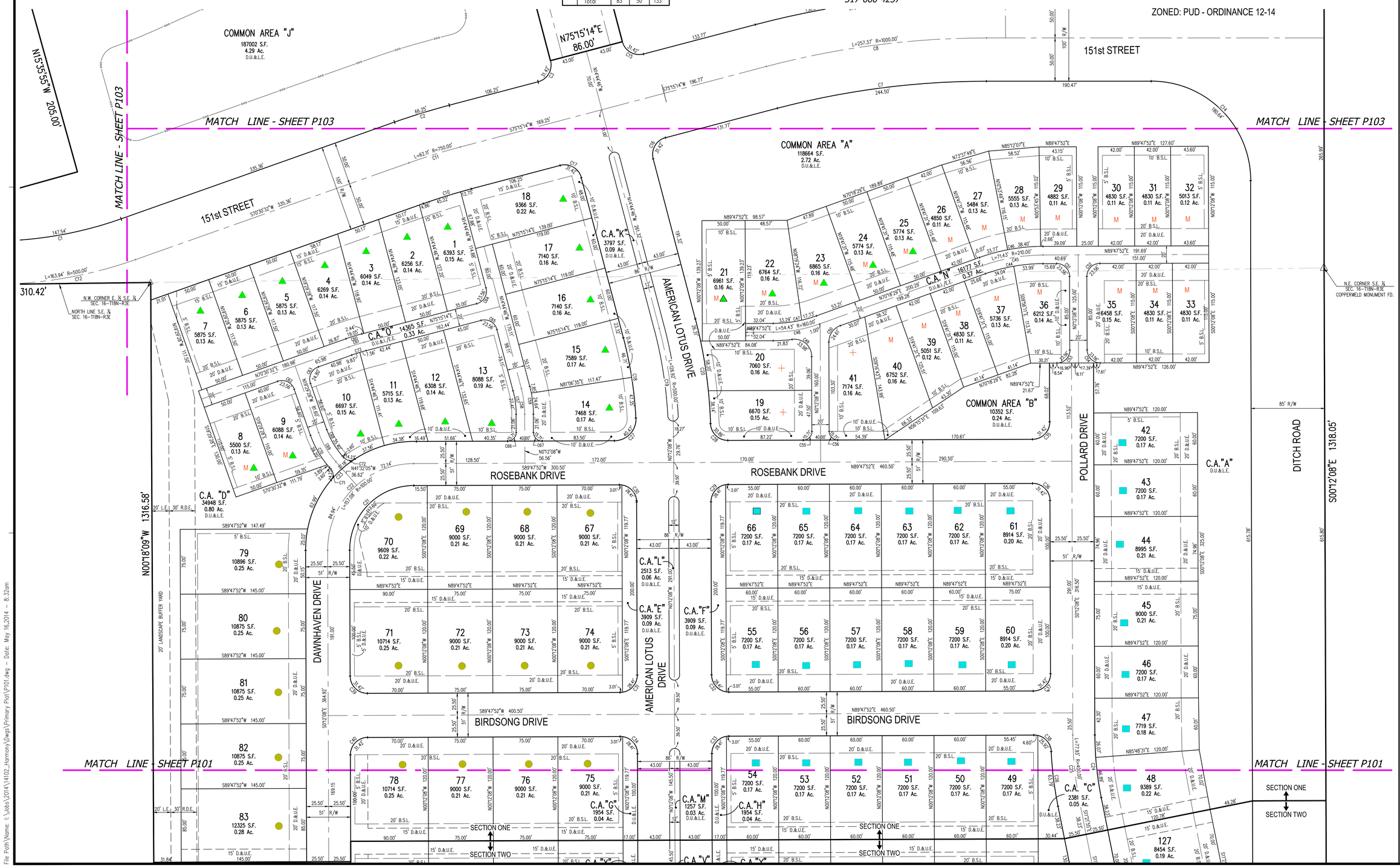
Developer/Owner:
Estridge Development Management, LLC
12965 Old Meridian Street
Carmel, IN 46032
317-669-6209

Engineer:
Innovative Engineering & Consulting, Inc.
755 W. Carmel Drive, Suite 207
Carmel, IN 46032
317-660-4237

HARMONY SECTIONS ONE & TWO PRIMARY PLAT

PART OF SECTION 16, TOWNSHIP 18N, R3E
WASHINGTON TOWNSHIP, HAMILTON COUNTY
WESTFIELD INDIANA

ZONED: PUD - ORDINANCE 12-14



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REVISIONS:
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2. 05/16/14 kwk Revise per additional TAC comments

PREPARED FOR:
Estridge
Estridge Development Management, LLC
12965 Old Meridian Street
Carmel, IN 46032
317-669-6209

Harmony Sections One & Two
Single Family Subdivision
Westfield, Indiana
Primary Plat

PRELIMINARY PENDING AGENCY APPROVAL
STATE OF INDIANA
NATHAN A. White
DATE: 04/03/14

DATE: 04/03/14	DRAWN BY: kwk
ISSUED:	CHECKED BY:

JOB NUMBER: 14102

SHEET # P102

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HARMONY SECTIONS ONE & TWO PRIMARY PLAT

PART OF SECTION 16, TOWNSHIP 18N, R3E
WASHINGTON TOWNSHIP, HAMILTON COUNTY
WESTFIELD INDIANA

ZONED: PUD - ORDINANCE 12-14

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LEGEND

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D.&.U.E. –DRAINAGE & UTILITY EASEMENT
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D.U.&.L.E. –DRAINAGE, UTILITY & LANDSCAPE EASEMENT

	Lot Size	Sec. 1	Sec. 2	Total
M	MEW 42'x 90'	15	5	20
+	42'x 90'	3	7	10
M▲	MEW 50'x 110'	7	0	7
▲	50'x 110'	16	15	31
■	60'x 120'	25	13	38
●	75'x 120'	17	10	27
	Total	83	50	133

GRAPHIC SCALE
50' 0 25' 50'
(IN FEET)
1 inch = 50 ft.

Developer/Owner:
Estridge Development Management, LLC
12965 Old Meridian Street
Carmel, IN 46032
317-669-6209

Engineer:
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Carmel, IN 46032
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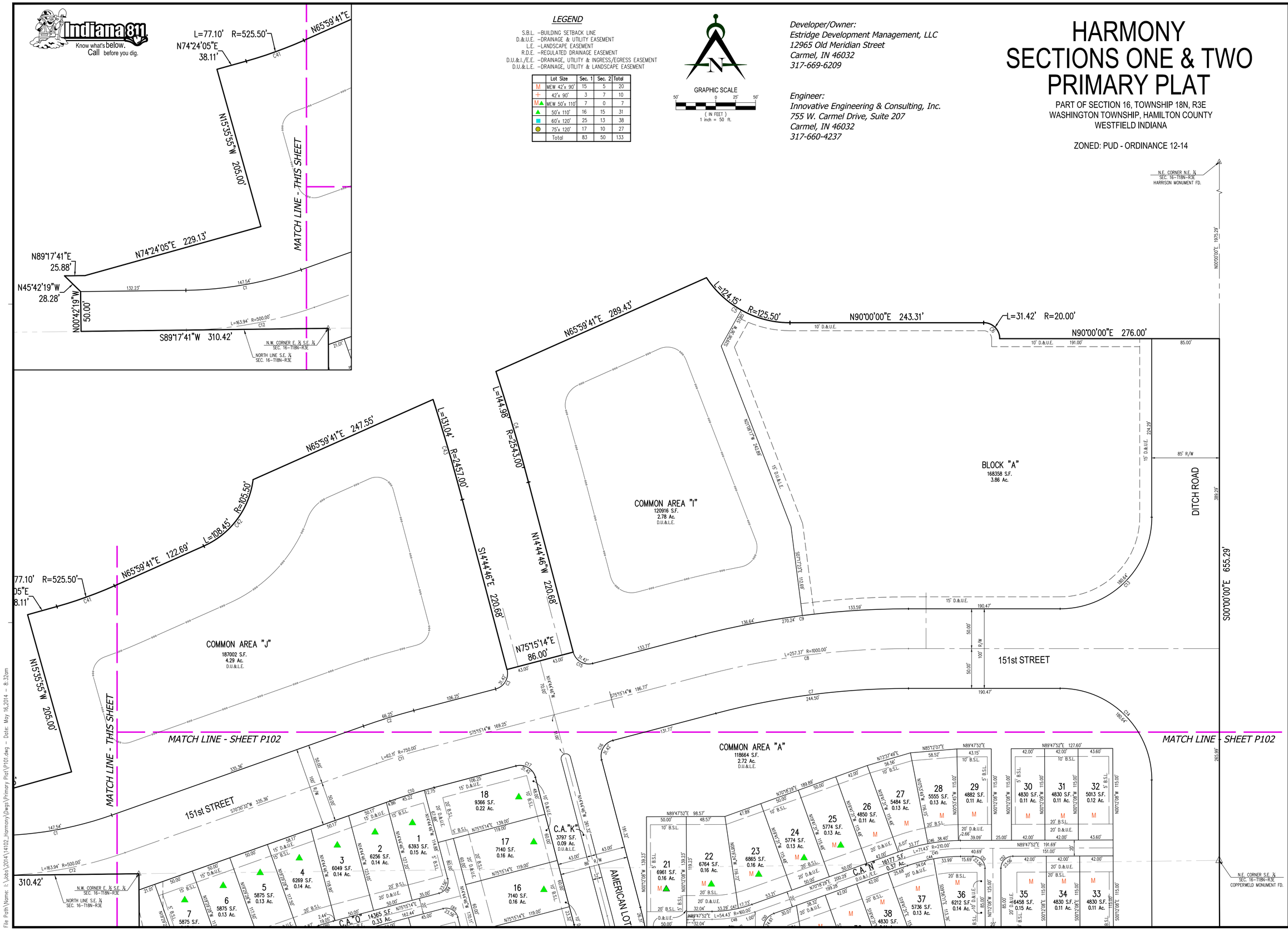

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Fax: 317-574-4238

REVISIONS:
1. 03/09/14 kwk Revise per WFMD comments dated 04-14-14 & TAC comments
2. 05/16/14 kwk Revise per additional TAC comments

PREPARED FOR:
Estridge
Estridge Development Management, LLC
12965 Old Meridian Street
Carmel, IN 46032
317-669-6209

Harmony Sections One & Two
Single Family Subdivision
Westfield, Indiana
Primary Plat

PRELIMINARY PLAT
PENDING AGENCY APPROVAL
STATE OF INDIANA
MATTHEW A. WHITE
PROFESSIONAL ENGINEER
DATE: 04/03/14

DATE: 04/03/14	DRAWN BY: kwk
ISSUED:	CHECKED BY:
JOB NUMBER: 14102	
SHEET # P103	

SECTION ONE - CURVE DATA

Curve Table

Curve #	Length	Radius	Delta	Chord Direction	Chord Length	Tangent
C1	147.54'	450.00'	18° 47' 09"	N79° 54' 06"E	146.88'	74.44'
C2	66.25'	800.00'	4° 44' 42"	S72° 52' 53"W	66.24'	33.15'
C3	31.42'	20.00'	90° 00' 00"	N30° 15' 14"E	28.28'	20.00'
C4	144.98'	2543.00'	3° 15' 59"	N16° 22' 45"W	144.96'	72.51'
C5	124.15'	125.50'	56° 40' 38"	S61° 39' 41"E	119.14'	67.68'
C6	31.42'	20.00'	90° 00' 00"	S45° 00' 00"E	28.28'	20.00'
C7	244.50'	950.00'	14° 44' 46"	S82° 37' 37"W	243.82'	122.93'
C8	257.37'	1000.00'	14° 44' 46"	S82° 37' 37"W	256.66'	129.40'
C9	270.24'	1050.00'	14° 44' 46"	S82° 37' 37"W	269.49'	135.87'
C10	57.97'	700.00'	4° 44' 42"	S72° 52' 53"W	57.96'	29.00'
C11	62.11'	750.00'	4° 44' 42"	S72° 52' 53"W	62.10'	31.07'
C12	163.94'	500.00'	18° 47' 09"	N79° 54' 06"E	163.20'	82.71'
C13	180.64'	115.00'	90° 00' 00"	N45° 00' 00"E	162.63'	115.00'
C14	180.64'	115.00'	90° 00' 00"	N45° 00' 00"W	162.63'	115.00'
C15	31.42'	20.00'	90° 00' 00"	S59° 44' 46"E	28.28'	20.00'
C16	31.42'	20.00'	90° 00' 00"	S30° 15' 14"W	28.28'	20.00'
C17	31.42'	20.00'	90° 00' 00"	N59° 44' 46"W	28.28'	20.00'
C18	94.06'	457.00'	11° 47' 33"	N8° 50' 59"W	93.89'	47.20'
C19	126.92'	500.00'	14° 32' 38"	N7° 28' 27"W	126.58'	63.80'
C20	122.65'	543.00'	12° 56' 31"	N8° 16' 30"W	122.39'	61.59'
C21	117.02'	74.50'	90° 00' 00"	S44° 47' 52"W	105.36'	74.50'
C22	157.08'	100.00'	90° 00' 00"	S44° 47' 52"W	141.42'	100.00'
C23	197.13'	125.50'	90° 00' 00"	S44° 47' 52"W	177.48'	125.50'
C24	274.10'	174.50'	90° 00' 00"	N45° 12' 08"W	246.78'	174.50'
C25	314.16'	200.00'	90° 00' 00"	N45° 12' 08"W	282.84'	200.00'
C26	177.50'	225.50'	45° 05' 57"	N67° 39' 10"W	172.95'	93.63'
C27	92.64'	225.50'	23° 32' 22"	N11° 58' 19"W	91.99'	46.99'
C28	77.93'	400.00'	11° 09' 47"	N5° 47' 02"W	77.81'	39.09'
C29	82.90'	425.50'	11° 09' 47"	N5° 47' 02"W	82.77'	41.58'
C30	121.21'	124.50'	55° 46' 47"	N27° 41' 16"E	116.48'	65.89'
C31	146.03'	150.00'	55° 46' 47"	N27° 41' 16"E	140.33'	79.39'
C32	170.86'	175.50'	55° 46' 47"	N27° 41' 16"E	164.19'	92.88'
C33	31.42'	20.00'	90° 00' 00"	S45° 12' 08"E	28.28'	20.00'
C34	31.42'	20.00'	90° 00' 00"	S44° 47' 52"W	28.28'	20.00'
C35	31.42'	20.00'	90° 00' 00"	N44° 47' 52"E	28.28'	20.00'
C36	31.42'	20.00'	90° 00' 00"	N44° 47' 52"E	28.28'	20.00'
C37	31.42'	20.00'	90° 00' 00"	N44° 47' 52"E	28.28'	20.00'
C38	31.42'	20.00'	90° 00' 00"	N44° 47' 52"E	28.28'	20.00'
C39	31.42'	20.00'	90° 00' 00"	N44° 47' 52"E	28.28'	20.00'
C40	31.42'	20.00'	90° 00' 00"	N44° 47' 52"E	28.28'	20.00'
C41	77.10'	525.50'	8° 24' 24"	N70° 11' 53"E	77.04'	38.62'
C42	108.45'	105.50'	58° 53' 47"	N36° 32' 47"E	103.74'	59.56'
C43	131.04'	2457.00'	3° 03' 21"	S16° 16' 26"E	131.03'	65.54'
C44	68.03'	200.00'	19° 29' 23"	S80° 03' 11"W	67.70'	34.35'
C45	71.43'	210.00'	19° 29' 23"	S80° 03' 11"W	71.09'	36.07'
C46	74.83'	220.00'	19° 29' 23"	S80° 03' 11"W	74.47'	37.78'
C47	51.02'	150.00'	19° 29' 23"	N80° 03' 11"E	50.78'	25.76'
C48	54.43'	160.00'	19° 29' 23"	N80° 03' 11"E	54.16'	27.48'
C49	33.98'	20.00'	97° 21' 24"	N48° 52' 50"W	30.04'	22.75'
C50	24.61'	20.00'	70° 30' 37"	S35° 03' 11"W	23.09'	14.14'

Curve Table

Curve #	Length	Radius	Delta	Chord Direction	Chord Length	Tangent
C51	23.56'	15.00'	90° 00' 00"	N45° 12' 08"W	21.21'	15.00'
C52	23.56'	15.00'	90° 00' 00"	S44° 47' 52"W	21.21'	15.00'
C53	23.56'	15.00'	90° 00' 00"	N44° 47' 52"E	21.21'	15.00'
C54	23.56'	15.00'	90° 00' 00"	S45° 12' 08"E	21.21'	15.00'
C55	15.71'	10.00'	90° 00' 00"	N44° 47' 52"E	14.14'	10.00'
C56	15.71'	10.00'	90° 00' 00"	S45° 12' 08"E	14.14'	10.00'
C57	27.41'	108.00'	14° 32' 38"	N7° 28' 27"W	27.34'	13.78'
C58	29.95'	118.00'	14° 32' 38"	N7° 28' 27"W	29.87'	15.06'
C59	32.49'	128.00'	14° 32' 38"	N7° 28' 27"W	32.40'	16.33'
C60	19.05'	230.00'	4° 44' 42"	S72° 52' 53"W	19.04'	9.53'
C61	18.22'	220.00'	4° 44' 42"	S72° 52' 53"W	18.21'	9.12'
C62	23.56'	15.00'	90° 00' 00"	N64° 29' 28"W	21.21'	15.00'
C63	24.80'	15.00'	94° 44' 42"	S27° 52' 53"W	22.07'	16.30'
C64	23.56'	15.00'	90° 00' 00"	N30° 15' 14"E	21.21'	15.00'
C65	23.56'	15.00'	90° 00' 00"	N59° 44' 46"W	21.21'	15.00'
C66	15.71'	10.00'	90° 00' 00"	N44° 47' 52"E	14.14'	10.00'
C67	15.71'	10.00'	90° 00' 00"	S45° 12' 08"E	14.14'	10.00'
C68	35.40'	92.00'	22° 02' 37"	S30° 30' 47"E	35.18'	17.92'
C69	39.24'	102.00'	22° 02' 37"	S30° 30' 47"E	39.00'	19.87'
C70	43.09'	112.00'	22° 02' 37"	S30° 30' 47"E	42.82'	21.81'
C71	14.23'	10.00'	81° 30' 43"	N0° 46' 44"W	13.06'	8.62'
C72	14.23'	10.00'	81° 30' 43"	S82° 17' 27"E	13.06'	8.62'
C73	17.39'	210.00'	4° 44' 42"	S72° 52' 53"W	17.39'	8.70'

SECTION TWO - CURVE DATA

Curve Table

Curve #	Length	Radius	Delta	Chord Direction	Chord Length	Tangent
C1	117.02'	74.50'	90° 00' 00"	S45° 12' 08"E	105.36'	74.50'
C2	157.08'	100.00'	90° 00' 00"	S45° 12' 08"E	141.42'	100.00'
C3	197.13'	125.50'	90° 00' 00"	S45° 12' 08"E	177.48'	125.50'
C4	274.10'	174.50'	90° 00' 00"	N45° 12' 08"W	246.78'	174.50'
C5	314.16'	200.00'	90° 00' 00"	N45° 12' 08"W	282.84'	200.00'
C6	177.50'	225.50'	45° 05' 57"	N67° 39' 10"W	172.95'	93.63'
C7	92.64'	225.50'	23° 32' 22"	N11° 58' 19"W	91.99'	46.99'
C9	77.93'	400.00'	11° 09' 47"	N5° 47' 02"W	77.81'	39.09'
C10	82.90'	425.50'	11° 09' 47"	N5° 47' 02"W	82.77'	41.58'
C11	121.21'	124.50'	55° 46' 47"	N27° 41' 16"E	116.48'	65.89'
C12	146.03'	150.00'	55° 46' 47"	N27° 41' 16"E	140.33'	79.39'
C13	170.86'	175.50'	55° 46' 47"	N27° 41' 16"E	164.19'	92.88'
C14	31.42'	20.00'	90° 00' 00"	S45° 12' 08"E	28.28'	20.00'
C15	31.42'	20.00'	90° 00' 00"	S44° 47' 52"W	28.28'	20.00'
C16	31.42'	20.00'	90° 00' 00"	N44° 47' 52"E	28.28'	20.00'
C17	31.42'	20.00'	90° 00' 00"	S45° 12' 08"E	28.28'	20.00'
C18	27.69'	20.00'	79° 19' 09"	S84° 45' 46"E	25.53'	16.58'
C19	27.69'	20.00'	79° 19' 09"	S15° 55' 05"W	25.53'	16.58'
C20	44.14'	25.00'	101° 09' 47"	N39° 12' 58"E	38.63'	30.42'

Curve Table

Curve #	Length	Radius	Delta	Chord Direction	Chord Length	Tangent
C21	31.42'	20.00'	90° 00' 00"	N45° 12' 08"W	28.28'	20.00'
C22	31.42'	20.00'	90° 00' 00"	N44° 47' 52"E	28.28'	20.00'
C23	31.42'	20.00'	90° 00' 00"	S45° 12' 08"E	28.28'	20.00'
C24	31.42'	20.00'	90° 00' 00"	N45° 12' 08"W	28.28'	20.00'
C25	31.42'	20.00'	90° 00' 00"	S44° 47' 52"W	28.28'	20.00'
C30	15.71'	10.00'	90° 00' 00"	N44° 47' 52"E	14.14'	10.00'
C31	15.71'	10.00'	90° 00' 00"	N45° 12' 08"W	14.14'	10.00'
C32	23.56'	15.00'	90° 00' 00"	S45° 12' 08"E	21.21'	15.00'
C33	23.56'	15.00'	90° 00' 00"	N44° 47' 52"E	21.21'	15.00'
C34	15.71'	10.00'	90° 00' 00"	S44° 47' 52"W	14.14'	10.00'
C35	15.71'	10.00'	90° 00' 00"	N45° 12' 08"W	14.14'	10.00'
C36	15.71'	10.00'	90° 00' 00"	S45° 12' 08"E	14.14'	10.00'
C37	15.71'	10.00'	90° 00' 00"	N44° 47' 52"E	14.14'	10.00'
C38	23.56'	15.00'	90° 00' 00"	N45° 12' 08"W	21.21'	15.00'
C39	23.56'	15.00'	90° 00' 00"	N44° 47' 52"E	21.21'	15.00'
C40	15.71'	10.00'	90° 00' 00"	S45° 12' 08"E	14.14'	10.00'
C41	15.71'	10.00'	90° 00' 00"	S44° 47' 52"W	14.14'	10.00'

UTILITY STATEMENTS:

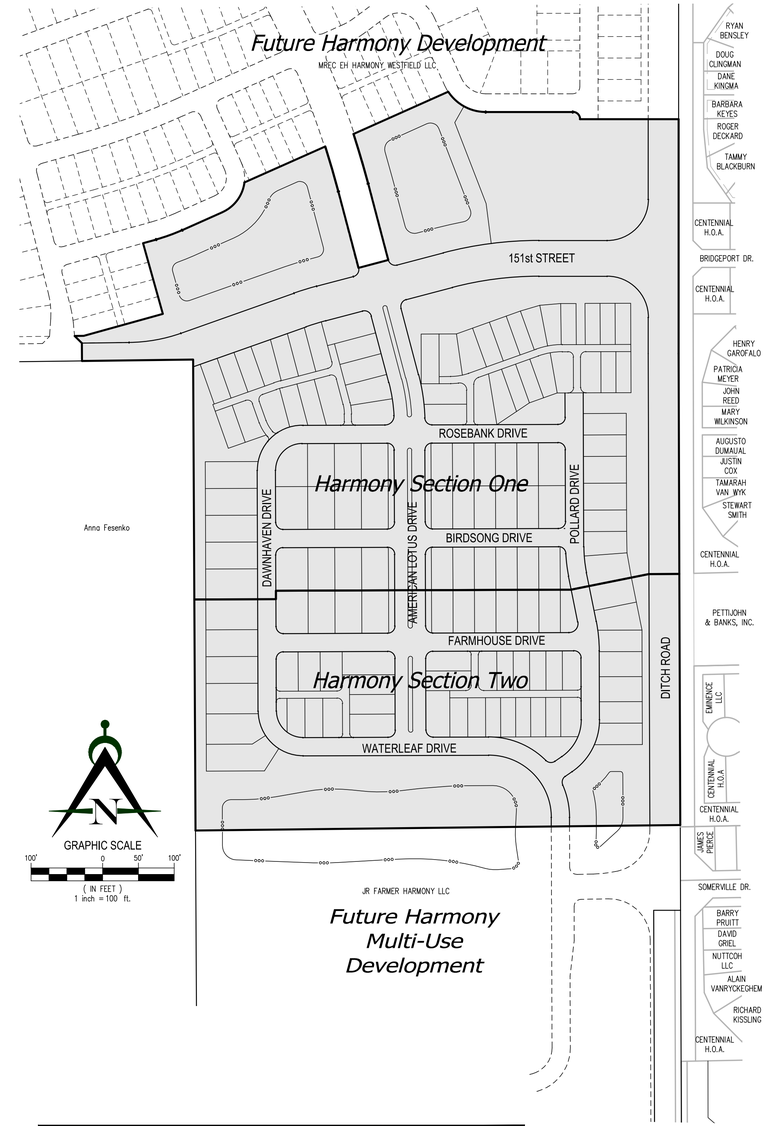
POTABLE WATER SERVICE
POTABLE WATER SERVICE WILL BE PROVIDED BY CITIZENS WATER. A TWELVE-INCH AND EIGHT-INCH WATER MAIN RUNS ALONG THE EAST SIDE OF DITCH ROAD. CONNECTIONS TO THESE EXISTING MAINS WILL BE MADE AND NEW MAINS CONSTRUCTED THROUGHOUT THE PROJECT. THE SIZE OF THE NEW MAINS WILL IN AS DETERMINED BY THE HYDRAULIC DESIGN DIVISION OF CITIZENS WATER.

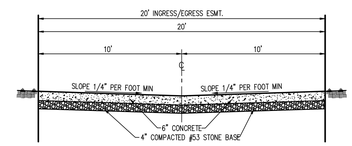
SANITARY SEWER SERVICE
SANITARY SEWER SERVICE WILL BE PROVIDED BY CITIZENS ENERGY GROUP. A TWELVE-INCH SANITARY SEWER MAIN HAS BEEN INSTALLED AT THE SOUTHERN BOUNDARY OF SECTION 1 AND 2 OF THE HARMONY PROJECT AREA. THE MAIN WILL BE EXTENDED THROUGHOUT THE DEVELOPMENT TO PROVIDE SERVICE.

HAMILTON COUNTY REGULATED DRAINS
THE HINSHAW AND HENELY REGULATED DRAIN CROSS THE PROPOSED PROJECT AREA. COORDINATION WITH THE HAMILTON COUNTY SURVEYORS OFFICE REGARDING THIS PROJECT HAS COMMENCED. A PETITION TO RELOCATE AND RECONSTRUCTED THIS DRAIN WILL BE REQUIRED TO BE APPROVED BY THE HAMILTON COUNTY DRAINAGE BOARD.

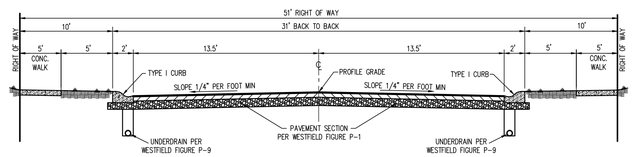
ROADWAYS
A MEETING WITH THE CITY OF WESTFIELD WAS CONDUCTED TO DISCUSS THE PROJECT AND NO KNOWN ROADWAY ISSUES WERE BROUGHT TO THE ATTENTION OF THE DESIGNERS. IT IS ASSUMED THAT NO EXISTING ROADWAY OR RIGHT OF WAY ISSUE OUTSIDE OF THOSE TYPICALLY A PART OF A LARGE RESIDENTIAL DEVELOPMENT WILL BE A FACTOR IN THIS PROJECT.

NOTE:
ALL STREETS THAT ARE INDICATED AS "ALLEYS" SHALL BE MAINTAINED AS A PRIVATE DRIVE AND THE UNDERSIGNED OWNERS AND THEIR SUCCESSORS AND ASSIGNEES HEREBY WAIVE AL RIGHTS TO PETITION THE CITY OF WESTFIELD TO BE RESPONSIBLE FOR THE MAINTENANCE AND OWNERSHIP OF SUCH PRIVATE STREETS.

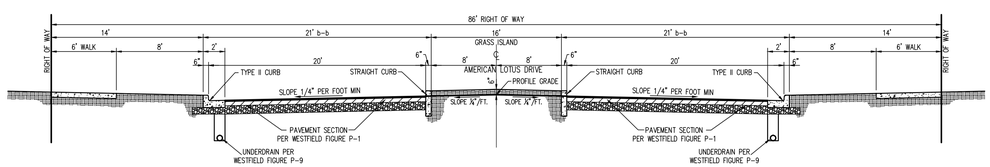




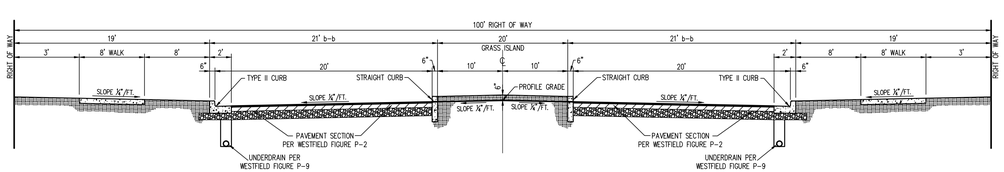
TYPICAL ALLEY SECTION
NTS



TYPICAL STREET SECTION – LOCAL STREET
NTS

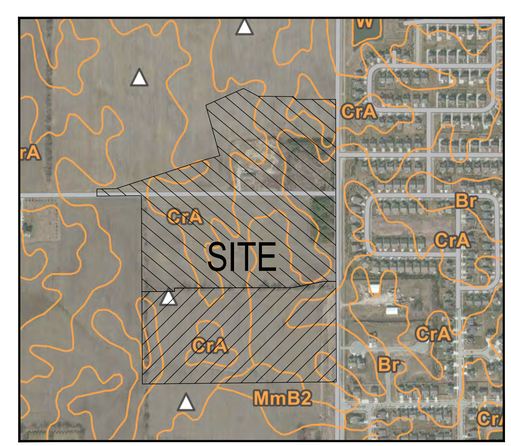


TYPICAL DIVIDED STREET SECTION – LOCAL STREET
NTS



151st STREET SECTION – COLLECTOR STREET
NTS

GRAPHIC SCALE
100' 0 50' 100'
(IN FEET)
1 inch = 100 ft.



SOILS MAP

SOIL DESCRIPTIONS:

Bs BROOKSTON SILTY CLAY LOAM

SOME OF THIS SOIL IS IN LARGE TRACTS WITHIN WHICH ARE IRREGULARLY SHAPED ISLAND LIKE AREAS OF LIGHTER COLORED SOILS, AND SOME OF IT IS IN DRAINAGE WAYS AND SMALL DEPRESSIONS SURROUNDED BY LIGHTER COLORED SOILS. THE CONTENT OF ORGANIC MATTER IS HIGH IN THIS SOIL. WETNESS IS THE MAIN LIMITATION THAT AFFECTS USE AND MANAGEMENT.

CrA CROSBY SILT LOAM, 0 TO 3% SLOPES

THIS SOIL IS IN LARGE CONTINUOS AREAS OR SMALL TO LARGE ISLAND LIKE AREAS THAT ARE INTERMINGLED WITH OR SURROUNDED BY POORLY DRAINED SOILS. THE AREAS ARE COMMONLY 10 TO 40 ACRES IN SIZE, AND ARE IRREGULAR IN SHAPE. PERMEABILITY IS SLOW IN THIS SOIL. RUNOFF IS SLOW. WHERE SLOPES ARE OVER 2 PERCENT, EROSION IS A HAZARD. WETNESS IS THE MAIN LIMITATION IN USE AND MANAGEMENT.

MmB2 MIAMI SILT LOAM 0 TO 6% SLOPES

THIS SOIL IS IN TRACTS BETWEEN NEARLY LEVEL SOILS OF UPLANDS AND STEEPER SOILS ADJACENT TO OUTWASH PLAINS AND BOTTOM LANDS. ALSO ON SIDES OF NATURAL DRAINAGE WAYS AND IN ISLAND LIKE AREAS AT SLIGHTLY HIGHER ELEVATION SURROUNDED BY SOMEWHAT POORLY DRAINED SOILS. RUNOFF IS MEDIUM; ORGANIC MATTER IS MODERATE. FURTHER EROSION IS A HAZARD IN USE AND MANAGEMENT.

Indiana 811
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755 W. Carmel Drive
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317-669-6238
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Fax: 317-571-4238

REVISIONS:
1. 03/09/14 kwk Revise per WFMD comments dated 04-14-14 & TAC comments
2. 05/16/14 kwk Revise per additional TAC comments

PREPARED FOR:
Estridge
Estridge Development Management, LLC
12965 Old Meridian Street
Carmel, IN 46032
317-669-6209

Harmony Sections One & Two
Single Family Subdivision
Westfield, Indiana
Primary Plat

PRELIMINARY
PENDING
AGENCY
APPROVAL
STATE OF INDIANA
PROFESSIONAL ENGINEER
Nathan A. White
DATE: 04/03/14

DATE: 04/03/14	DRAWN BY: kwk
ISSUED:	CHECKED BY:

JOB NUMBER: 14102

SHEET # P104

File Path\Name: t:\Jobs\2014\14102_Harmony\Dwgs\Primary Plat\P104.dwg – Date: May 16,2014 – 8:33am