



**AGENDA**  
**REGULAR VILLAGE BOARD MEETING**  
**Village Hall - Public Meeting Room**  
**Monday, October 24, 2016**  
**7:00 p.m.**

*Reasonable accommodations/auxiliary aids will be provided to enable persons with disabilities to effectively participate in any public meetings of the Board. Please contact the Village Administrative Office (847.883.8600) 48 hours in advance if you need special accommodations to attend. Regular Village Board Meetings will not proceed past 10:30 p.m. unless there is a consensus of the majority of the Trustees to do so.*

**CALL TO ORDER**

**1.0 ROLL CALL**

**2.0 APPROVAL OF MINUTES**

2.1 Approval of the October 10, 2016 Regular Village Board Meeting Minutes

**3.0 REPORTS OF OFFICERS**

3.1 Mayor's Report

3.2 Village Clerk's Report

3.3 Village Treasurer's Report

3.4 Village Manager's Report

**4.0 PAYMENT OF BILLS**

4.1 Bills Presented for Payment on October 24, 2016 in the amount of \$425,538.14

**5.0 CITIZENS WISHING TO ADDRESS THE BOARD (on agenda items only)**

**6.0 PETITIONS AND COMMUNICATIONS**

6.1 Lincolnshire Garden Club – Monarch Butterfly Pledge Project

**7.0 CONSENT AGENDA**

*Items on the Consent Agenda will be approved by one motion. If a Trustee wishes to discuss any item, it will be pulled from the Consent Agenda and discussed under "Unfinished Business".*

7.1 Approval of an Ordinance Amending Ordinance #11-3191-13A Related to Marriott's Lincolnshire Resort Master Sign Plans - 10 Marriott Drive (The Getty's Group)

7.2 Approval of a Joint Purchasing Agreement with Compass Minerals Incorporated in the Amount of \$28,176.00 and Cargill Incorporated in the Amount of \$13,556.00 for the Purchase of Rock Salt for the 2016-2017 Winter Season (Village of Lincolnshire)

7.3 Approval of an Amendment to Village Manager Employment Agreement (Village of Lincolnshire)

**8.0 ITEMS OF GENERAL BUSINESS**

8.1 Planning, Zoning & Land Use

8.11 Approval of an Ordinance Approving an Annexation Agreement (Lincolnshire Trails - KZF Development/Stack Real Estate – 14600 Riverside Road)

8.12 Approval of an Ordinance Approving the Annexation of Certain Territory (Lincolnshire Trails - KZF Development/Stack Real Estate – 14600 Riverside Road)

8.13 Approval of an Ordinance Rezoning Certain Property, Granting a Special Use for a Planned Unit Development and Approving the Preliminary Development Plan and Preliminary Plat of Subdivision for an Attached Single-Family Residential Townhome Community (Lincolnshire Trails - KZF Development/Stack Real Estate – 14600 Riverside Road)

8.2 Finance and Administration

8.3 Public Works

8.4 Police

8.5 Parks and Recreation

8.6 Judiciary and Personnel

**9.0 REPORTS OF SPECIAL COMMITTEES**

**10.0 UNFINISHED BUSINESS**

**11.0 NEW BUSINESS**

**12.0 ADJOURNMENT**



**MINUTES**  
**REGULAR VILLAGE BOARD MEETING**  
**Monday, October 10, 2016**

Present:

Mayor Brandt	Trustee Feldman
<del>Trustee Grujanac</del>	Trustee Hancock
<del>Trustee McDonough</del>	Trustee Servi
Trustee Leider	Village Clerk Mastandrea
Village Attorney Simon	Village Manager Burke
Chief of Police Leonas	Public Works Director Woodbury
Village Treasurer/Finance Director Peterson	Assistant Village Manager/Community &
Economic Development Coordinator Zozulya	Economic Development Director Letendre

**ROLL CALL**

Mayor Brandt called the meeting to order at 7:00 p.m., and Village Clerk Mastandrea called the Roll.

**2.1 Approval of the September 12, 2016 Regular Village Board Meeting Minutes**

Trustee Hancock moved and Trustee Leider seconded the motion to approve the minutes of the Regular Village Board Meeting of September 12, 2016 as presented. The roll call vote was as follows: AYES: Trustees Hancock, Feldman, Leider and Mayor Brandt. NAYS: None. ABSENT: Trustees Grujanac and McDonough. ABSTAIN: Trustee Servi. Mayor Brandt declared the motion carried.

**3.0 REPORTS OF OFFICERS**

3.1 Mayor's Report

Mayor Brandt noted Boo Bash is Friday, October 28<sup>th</sup> at North Park from 4:30 – 9 p.m. Mayor Brandt highlighted some of the events that will take place at Boo Bash and encouraged all to attend.

3.2 Village Clerk's Report - None

3.3 Village Treasurer's Report

**3.3.1 Revenues and Expenditures Summary for the Month of September, 2016**

Village Treasurer/Finance Director Peterson stated the Revenue and Expenditure Summary is included in the Board packet; and all revenues and expenditures have been properly recorded for the month of September 2016.

3.4 Village Manager's Report - None

**4.0 PAYMENT OF BILLS**

**4.1 Bills Presented for Payment on September 26, 2016 in the amount of \$577,191.88**

Village Treasurer/Finance Director Peterson provided a summary of the September 26, 2016 bills prelist presented for payment with the total being \$577,191.88. The total amount is based on \$156,800 for General Fund; \$362,600 for Water & Sewer Fund; \$46,100 for Water & Sewer Improvement Fund; \$40 for Fraud, Alcohol, Drug Enforcement Fund; \$10,000 for Vehicle Maintenance; and \$1,800 for the General Capital Fund.

Trustee Leider moved and Trustee Feldman seconded the motion to approve the bills prelist dated September 26, 2016 as presented. The roll call vote was as follows: AYES: Trustees Feldman, Leider, Hancock, and Servi. NAYS: None. ABSENT: Trustees Grujanac and McDonough. ABSTAIN: None. Mayor Brandt declared the motion carried.

**4.2 Bills Presented for Payment on October 10, 2016 in the amount of \$259,411.99**

Village Treasurer/Finance Director Peterson provided a summary of the October 10, 2016 bills prelist presented for payment with the total being \$259,411.99. The total amount is based on \$96,970 for General Fund; \$18,700 for Water & Sewer Fund; \$67,500 for Retirement Fund; \$4,700 for Vehicle Maintenance; \$24,800 for E911 Fund; and \$46,700 for the General Capital Fund.

Trustee Hancock moved and Trustee Servi seconded the motion to approve the bills prelist dated October 10, 2016 as presented. The roll call vote was as follows: AYES: Trustees Feldman, Leider, Hancock, and Servi. NAYS: None. ABSENT: Trustees Grujanac and McDonough. ABSTAIN: None. Mayor Brandt declared the motion carried.

**5.0 CITIZENS WISHING TO ADDRESS THE BOARD (on agenda items only)**

**6.0 PETITIONS AND COMMUNICATIONS**

**7.0 CONSENT AGENDA**

**7.1 Approval of an Agreement for Out of Village Water Service for 2045 Riverwoods Road (Wieslaw Dumin)**

**7.2 Approval of an Amendment for the 2016 Sanitary and Storm Sewer Lining Project Contract with Hoerr Construction, Peoria, Illinois from the original \$89,580.10 to \$133,566.50 for Additional Work (Village of Lincolnshire)**

**7.3 Approval of Easement Agreement for Pocket Park within the Lincolnshire Downtown (Village of Lincolnshire)**

Trustee Leider moved and Trustee Hancock seconded the motion to approve the Consent Agenda. The roll call vote was as follows: AYES: Trustees Hancock, Leider, Feldman, and Servi. NAYS: None. ABSENT: Trustees Grujanac and McDonough. ABSTAIN: None. The Mayor declared the motion carried.

**8.0 ITEMS OF GENERAL BUSINESS**

- 8.1 Planning, Zoning & Land Use
- 8.2 Finance and Administration
- 8.3 Public Works
- 8.4 Police
- 8.5 Parks and Recreation
- 8.6 Judiciary and Personnel

**9.0 REPORTS OF SPECIAL COMMITTEES**

**10.0 UNFINISHED BUSINESS**

**11.0 NEW BUSINESS**

**12.0 EXECUTIVE SESSION**

**13.0 ADJOURNMENT**

Trustee Servi moved and Trustee Feldman seconded the motion to adjourn. The voice vote was unanimous and Mayor Brandt declared the meeting adjourned at 7:05 p.m.

Respectfully submitted,  
**VILLAGE OF LINCOLNSHIRE**

Barbara Mastandrea  
Village Clerk



**VILLAGE OF LINCOLNSHIRE**  
**BILLS PRESENTED FOR PAYMENT**  
10/24/2016

General Fund	\$	189,368.62
Water & Sewer Fund	\$	161,343.61
Motor Fuel Tax		
Retirement Fund		
Water & Sewer Improvement Fund	\$	3,450.00
Fraud, Alcohol, Drug Enforcement		
Vehicle Maintenance Fund	\$	4,150.16
E 911 Fund		
Park Development Fund		
Sedgebrook SSA	\$	930.00
SSA Traffic Signal		
General Capital Fund	\$	66,295.75
GRAND TOTAL	\$	425,538.14

Brad Burke, Village Manager

**CUSTOM INVOICE REPORT FOR VILLAGE OF LINCOLNSHIRE**  
**INVOICE DUE DATES 10/11/2016 - 10/24/2016**  
**JOURNALIZED**  
**BOTH OPEN AND PAID**

<b>INVOICE NUMBER</b>	<b>DESCRIPTION</b>	<b>AMOUNT</b>
<b>VENDOR NAME: ACCURATE DOCUMENT DESTRUCTION</b>		
14424690	Document Destruction 09-08-16	108.87
TOTAL VENDOR ACCURATE DOCUMENT DESTRUCTIO		108.87
<b>VENDOR NAME: AIRGAS, INC</b>		
9939341155	Cylinder rent	202.66
TOTAL VENDOR AIRGAS, INC		202.66
<b>VENDOR NAME: ALPHA BUILDING MAINT. SERVICE INC</b>		
17145VL	Janitorial services October 2016	2,084.57
17156WH	VH Quarterly Cleaning Sept 9, 10	1,245.00
17144VL	Janitorial services Sept 2016	2,084.57
TOTAL VENDOR ALPHA BUILDING MAINT. SERVICE IN		5,414.14
<b>VENDOR NAME: AMDUR PRODCCTIONS, INC.</b>		
L1816	2016 Arts & Eats Reimbursement Share	20,000.00
TOTAL VENDOR AMDUR PRODCCTIONS, INC.		20,000.00
<b>VENDOR NAME: AMERICAN PLANNING ASSOCIATION</b>		
101416	Refund (credit) for TZ--IL-APA State Conference	(100.00)
TOTAL VENDOR AMERICAN PLANNING ASSOCIATION		(100.00)
<b>VENDOR NAME: AMERICAN PRINTING TECHNOLOGIES</b>		
16-LS10	Oct 2016 UB Print Service	465.00
16-LS10P	Postage- Oct 2016 Utility Bills	961.62
TOTAL VENDOR AMERICAN PRINTING TECHNOLOGIES		1,426.62
<b>VENDOR NAME: AMERICAN WELDING &amp; G</b>		
04309799	Safety glasses for Vehicle Maint.	17.09
TOTAL VENDOR AMERICAN WELDING & G		17.09
<b>VENDOR NAME: ARAMARK</b>		
2080764178	Uniform rental	77.30
TOTAL VENDOR ARAMARK		77.30
<b>VENDOR NAME: B &amp; F CONSTRUCTION CODE SERVICES</b>		
45078	251 Belmont Dr., Lot 83 - Plan Review	200.00
45077	255 Belmont Dr., Lot 85 - Plan Review	200.00
45076	257 Belmont Dr., Lot 86	200.00
45079	253 Belmont Dr., Lot 84 - Plan Review	200.00
TOTAL VENDOR B & F CONSTRUCTION CODE SERVIC		800.00
<b>VENDOR NAME: BADE PAPER PRODUCTS</b>		
203107-00	Paper goods	309.05
TOTAL VENDOR BADE PAPER PRODUCTS		309.05
<b>VENDOR NAME: BENISTAR</b>		
11012016	November 2016 Retirement Medical	954.00
TOTAL VENDOR BENISTAR		954.00
<b>VENDOR NAME: BOB GERBER</b>		
B15-0010EP	BD Bond Draw 10 Essex - Reimbursement for dam	8,352.00
TOTAL VENDOR BOB GERBER		8,352.00
<b>VENDOR NAME: CALL ONE</b>		
10152016	Monthly Phone Bill 1122574 10/15/16	1,349.63
TOTAL VENDOR CALL ONE		1,349.63
<b>VENDOR NAME: CHICAGO COMMUNICATIONS, LLC</b>		
286276	November 2016 Monthly Maintenance Agreement	634.15
TOTAL VENDOR CHICAGO COMMUNICATIONS, LLC		634.15

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**INVOICE DUE DATES 10/11/2016 - 10/24/2016**  
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**BOTH OPEN AND PAID**

<b>INVOICE NUMBER</b>	<b>DESCRIPTION</b>	<b>AMOUNT</b>
<b>VENDOR NAME: CHICAGO TRIBUNE MEDIA GROUP</b>		
B16-0011E	BD Escrow for Public Notice for 405 Milwaukee Ave	96.29
CU00410443PW	Publish 3 bid notices 9/22/16	129.67
TOTAL VENDOR CHICAGO TRIBUNE MEDIA GROUP		225.96
<b>VENDOR NAME: CHOICE HOTELS INTERNATIONAL</b>		
455317895	Sept. 18-23, 2016 Comfort Suites Urbana to attend	395.50
TOTAL VENDOR CHOICE HOTELS INTERNATIONAL		395.50
<b>VENDOR NAME: CLARKE AQUATIC SERVICES</b>		
3227807	Aquatic weed control-SLP aerator winterization	500.00
TOTAL VENDOR CLARKE AQUATIC SERVICES		500.00
<b>VENDOR NAME: CLESEN, INC.</b>		
319593	Salt tolerant seed mix and straw for restorations	190.88
TOTAL VENDOR CLESEN, INC.		190.88
<b>VENDOR NAME: COMED</b>		
7128083006-10-16	Utilities electric service 9/1/16 to 10/4/16	102.05
5760114015-10-16	Utilities electric service 8/31 to 10/4/16	132.43
3168065033-10-16	Utilities electric service 8/31/16 to 9/30/16	58.04
3038188003-10-16	Utilities electric service 8/31/16 to 10/5/16	25.07
0268410000-10-16	Utilities electric service 8/31/16 to 10/5/16	68.60
3038275001-10-16	Whytegate Pk electric service 9/2/16 to 10/4/16	38.91
0339014158-10-16	Streetlight electric service 9/1/16 to 10/4/16	5.25
7299013001-10-16	Utilities electric service 9/1/16 to 10/5/16	80.34
6520050011-10-16	Utilities electric service 8/31/16 to 10/4/16	108.41
6123019023-10-16	Traffic & streetlighting 9/6/16 to 10/5/16	257.60
TOTAL VENDOR COMED		876.70
<b>VENDOR NAME: CONSTELLATION ENERGY</b>		
70695764	205 Schelter utilities electric supply 8/30 to 10-3	1,852.73
70695780	45 Londonderry utilities electric supply 8/31 to 10/3/	338.90
70695680	SLP electricity supply 8/30 to 10/3/16	107.49
70759194	Mult-account utilities electric supply 9/1 to 10/4/16	3,691.68
70759142	North Pk elecitivity supply 8/31 to 10/3/16	1,912.70
TOTAL VENDOR CONSTELLATION ENERGY		7,903.50
<b>VENDOR NAME: DAVEY TREE EXPERT</b>		
910323295	EAB treatment 2-yr cycle var. loc. 7/11/16	2,700.00
TOTAL VENDOR DAVEY TREE EXPERT		2,700.00
<b>VENDOR NAME: DROPBOX</b>		
2016-10	October 2016 Dropbox fees	9.99
TOTAL VENDOR DROPBOX		9.99
<b>VENDOR NAME: DUSTCATCHERS &amp; A LOGO MAT INC</b>		
23215	Floor mat rental service for PWF	36.52
23216	Floor mat rental service-Village Hall	20.00
TOTAL VENDOR DUSTCATCHERS & A LOGO MAT INC		56.52
<b>VENDOR NAME: FEDEX</b>		
5-567-95227	Ship radar equipt 9/23, 9/29 J. Watsor	29.57
TOTAL VENDOR FEDEX		29.57
<b>VENDOR NAME: FERRARI, HEATHER</b>		
P37735	Refund Overpayment on Parking Ticket # 37735	25.00
TOTAL VENDOR FERRARI, HEATHER		25.00
<b>VENDOR NAME: FIRST CHOICE COFFEE SERVICES</b>		
424607	Coffee, supplies Village Hall	155.32
TOTAL VENDOR FIRST CHOICE COFFEE SERVICES		155.32

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INVOICE NUMBER	DESCRIPTION	AMOUNT
<b>VENDOR NAME: GARVEY'S OFFICE PRODUCTS</b>		
PINV1222098	Misc office supplies, for other prices see note	187.22
TOTAL VENDOR GARVEY'S OFFICE PRODUCTS		187.22
<b>VENDOR NAME: GEWALT HAMILTON ASSOCIATES</b>		
4904.002-12	Itep St2, Ph 1&2 consulting engineer thru 9/18/16	264.00
4904.002-11	Itep Stg2 Ph 1&2 Design work thru 8/21/16	1,722.00
TOTAL VENDOR GEWALT HAMILTON ASSOCIATES		1,986.00
<b>VENDOR NAME: GRAINGER, INC</b>		
9245100269	Impact utility gloves for Chris Fisher and Steve Linc	58.44
TOTAL VENDOR GRAINGER, INC		58.44
<b>VENDOR NAME: GREEN ACRES LANDSCAPING</b>		
2016-3658	Plant perennials, shrubs 400 Milw, Brookwood entra	650.00
2016-3659	Weekly maint per contract	16,824.00
TOTAL VENDOR GREEN ACRES LANDSCAPING		17,474.00
<b>VENDOR NAME: HAYES MECHANICAL LLC</b>		
374545	Diagnose- fix VH AC 9/8 prices quotes per hr attach	1,092.00
TOTAL VENDOR HAYES MECHANICAL LLC		1,092.00
<b>VENDOR NAME: HEALY ASPHALT CO, LLC</b>		
61076MB	UPM	314.40
TOTAL VENDOR HEALY ASPHALT CO, LLC		314.40
<b>VENDOR NAME: HIGHLAND PARK, CITY</b>		
010222-09-16	09/2016 Water Purchase 60970cuft Metr 010222	116,940.46
70327541-09-16	09/2016 Water Purchase 13356 cuft Metr 70327541	25,616.81
TOTAL VENDOR HIGHLAND PARK, CITY		142,557.27
<b>VENDOR NAME: HOLIDAY INN</b>		
62528764	Hotel expense for Tim Baynon to attend IPSI in Effir	524.70
IPSI lodging	Tax credit to remove tax we were not charged for T	(29.70)
IPSI credit Markham	Invoice to remove City tax we were not charged for	(29.70)
62523047	Hotel cost for Josh Markham to attend IPSI in Effinc	524.70
TOTAL VENDOR HOLIDAY INN		990.00
<b>VENDOR NAME: HOME DEPOT CREDIT SERVICES</b>		
1012398	Blacktop patch	18.30
6012928	Liquid seal, fluid pump, nuts and bolts	29.04
2010205	Post fix	21.94
8010796	Materials for signs at Northpark	249.29
4131660	Fuel tank	48.22
7011666	Concrete mix	22.00
5011905	Led lights, pole, and bleach	226.14
3012123	Painting supplies	12.91
3010891	Concrete mix and concrete block.	25.94
6012989	Masonry cement	8.46
5013121	Cedar picket and concrete	32.93
5013130	Latex gloves, rubber patches, concrete and masonr	33.93
3010026	Faucet, grilling foil, grill tool set, toilet seat, faucet st	183.88
2012272	Masonry cement and concrete mix.	30.08
12628	Painting supplies	23.82
6012933	Caulk and wax	9.35
2010178	Post fix and spring link	25.92
9010617	Clear acrylic sheet	4.78
TOTAL VENDOR HOME DEPOT CREDIT SERVICES		1,006.93
<b>VENDOR NAME: INTERIOR INVESTMENTS, LLC</b>		
2016-0930	Sales Tax Rebate 3rd Qtr 2016	42,587.50
TOTAL VENDOR INTERIOR INVESTMENTS, LLC		42,587.50
<b>VENDOR NAME: IPASS</b>		
2016-10	Replenish IPASS - Public Works Department	40.00

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<b>INVOICE NUMBER</b>	<b>DESCRIPTION</b>	<b>AMOUNT</b>
<b>VENDOR NAME: IPASS</b>		
	TOTAL VENDOR IPASS	40.00
<b>VENDOR NAME: JIMMY'S CHARHOUSE</b>		
Nov-3 cancel dinner	Deposit refund for cancellation of Nov 3 dinner reser	(200.00)
	TOTAL VENDOR JIMMY'S CHARHOUSE	(200.00)
<b>VENDOR NAME: JOHNSON PAVING CO</b>		
MFT-2016-2	Street resurfacing project, work thru 10/6/16	19,283.68
	TOTAL VENDOR JOHNSON PAVING CO	19,283.68
<b>VENDOR NAME: JURANEK FRANK</b>		
2015	Senior Citizen Property Tx Relief Refund	105.00
	TOTAL VENDOR JURANEK FRANK	105.00
<b>VENDOR NAME: KIESLER POLICE SUPPLY, INC.</b>		
807759	Ammunition 1000 rounds .45	388.00
	TOTAL VENDOR KIESLER POLICE SUPPLY, INC.	388.00
<b>VENDOR NAME: LAKE ZURICH LUMBER</b>		
106526	Lumber and steel	247.20
106529	Lumber for Olde Half Day Rd- Signal Ahead- sigr	43.04
	TOTAL VENDOR LAKE ZURICH LUMBER	290.24
<b>VENDOR NAME: LALUZERNE &amp; SMITH, LTD.</b>		
September 2016	Legal Services September 2016	3,153.75
	TOTAL VENDOR LALUZERNE & SMITH, LTD.	3,153.75
<b>VENDOR NAME: LEXISNEXIS RISK SOLUTIONS</b>		
1217074-20160930	Internet, Computer and Phone Searches by Investig	86.00
	TOTAL VENDOR LEXISNEXIS RISK SOLUTIONS	86.00
<b>VENDOR NAME: LIBERTY PRAIRIE RESTORATIONS LLC</b>		
508	173 hrs of labor-apply herbicide to goldenroc	7,785.00
	TOTAL VENDOR LIBERTY PRAIRIE RESTORATIONS LL	7,785.00
<b>VENDOR NAME: LIBERTYVILLE CHEVROLET</b>		
897089	Element and filter for squad 111	73.28
897090	Oil for squad 110 and 111	106.32
	TOTAL VENDOR LIBERTYVILLE CHEVROLET	179.60
<b>VENDOR NAME: LINCOLNSHIRE POLICE EXPLORER POST</b>		
10112016	Donation for Arts & Eats Traffic Control	400.00
	TOTAL VENDOR LINCOLNSHIRE POLICE EXPLORER P	400.00
<b>VENDOR NAME: LINCOLNSHIRE VILLAGE-PETTY CASH</b>		
10242016	Petty Cash Reimbursements 10/24/16	273.07
	TOTAL VENDOR LINCOLNSHIRE VILLAGE-PETTY CASH	273.07
<b>VENDOR NAME: LITTLE BOOTS FOUNDATION</b>		
101416	Boo Bash Pannng for Skulls	500.00
	TOTAL VENDOR LITTLE BOOTS FOUNDATION	500.00
<b>VENDOR NAME: LUND INDUSTRIES</b>		
86504	Unit 105 repair issue with battery going deac	125.00
	TOTAL VENDOR LUND INDUSTRIES	125.00
<b>VENDOR NAME: MADISON NATIONAL LIFE INS CO, INC</b>		
1227623	Nov 2016 Life Insurance Premiums	1,221.40
	TOTAL VENDOR MADISON NATIONAL LIFE INS CO, INC	1,221.40

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<b>INVOICE NUMBER</b>	<b>DESCRIPTION</b>	<b>AMOUNT</b>
<b>VENDOR NAME: MANKOFF INDUSTRIES</b>		
3982	Diesel breakaway husky	208.00
TOTAL VENDOR MANKOFF INDUSTRIES		208.00
<b>VENDOR NAME: MISTER VIBE</b>		
8963	Boo Bash Strolling Palm Reader	497.00
TOTAL VENDOR MISTER VIBE		497.00
<b>VENDOR NAME: MOTOROLA SOLUTIONS - STARCOM21</b>		
255578312016	Starcom Monthly Local Use Rate October 2016	884.00
TOTAL VENDOR MOTOROLA SOLUTIONS - STARCOM2		884.00
<b>VENDOR NAME: MUELLERMIST IRRIGATION CO</b>		
69359	Irrigation system PM and maint	204.55
69282	Irrigation system PM and maint	318.00
TOTAL VENDOR MUELLERMIST IRRIGATION CO		522.55
<b>VENDOR NAME: MULCH CENTER</b>		
19298	Mulch	31.50
TOTAL VENDOR MULCH CENTER		31.50
<b>VENDOR NAME: MUNICAP INC</b>		
102016-037	Sept Services & Special Tax Report	705.00
TOTAL VENDOR MUNICAP INC		705.00
<b>VENDOR NAME: NAPA-SHERIDAN AUTO PARTS</b>		
917410	Light bulbs and wall cabinet	213.12
TOTAL VENDOR NAPA-SHERIDAN AUTO PARTS		213.12
<b>VENDOR NAME: NETTLE CREEK NURSERY</b>		
5_final	Rt22 landscape median work thru 10/13/16 FINAL	25,213.33
TOTAL VENDOR NETTLE CREEK NURSERY		25,213.33
<b>VENDOR NAME: NORTH EAST MULTI-REGIONAL TRAINING</b>		
210458	40 Hr Rifle/Carbine Instructor - Clark	500.00
TOTAL VENDOR NORTH EAST MULTI-REGIONAL TRAIN		500.00
<b>VENDOR NAME: NORTH SUBURBAN EMPLOYEE BENEFIT COO</b>		
2016-09	September 2016 Medical Premiums	63,548.00
TOTAL VENDOR NORTH SUBURBAN EMPLOYEE BENE		63,548.00
<b>VENDOR NAME: NORTHWEST ELECTRICAL SUPPLY</b>		
17292663	Bay lamps	40.26
17292657	Office lights	992.48
TOTAL VENDOR NORTHWEST ELECTRICAL SUPPLY		1,032.74
<b>VENDOR NAME: NORTHWEST FREIGHTLINER</b>		
01S201007	Check charging system and whistling noise on accel	356.25
TOTAL VENDOR NORTHWEST FREIGHTLINER		356.25
<b>VENDOR NAME: PASQUESI HOME &amp; GARD</b>		
022164/1	Fall outdoor plants for VH entry	174.76
TOTAL VENDOR PASQUESI HOME & GARD		174.76
<b>VENDOR NAME: PAYLOCITY</b>		
102499796	Pay Services 10/14/16	386.07
TOTAL VENDOR PAYLOCITY		386.07
<b>VENDOR NAME: PBA, INC./FLEXIBLE BENEFITS</b>		
129474	October 2016 Monthly Flex Claims and Record Kee	200.00

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<b>INVOICE NUMBER</b>	<b>DESCRIPTION</b>	<b>AMOUNT</b>
<b>VENDOR NAME: PBA, INC./FLEXIBLE BENEFITS</b>		
	TOTAL VENDOR PBA, INC./FLEXIBLE BENEFITS	200.00
<b>VENDOR NAME: PETE THE PAINTER</b>		
E63018	Paint VH soffits and add'l work	18,780.00
	TOTAL VENDOR PETE THE PAINTER	18,780.00
<b>VENDOR NAME: PROSAFETY INC</b>		
2/829070	Hearing protectors and slush boots for Brad Leese	37.87
	TOTAL VENDOR PROSAFETY INC	37.87
<b>VENDOR NAME: PSN, INC.</b>		
138595	09 2016 Lockbox Services	683.00
	TOTAL VENDOR PSN, INC.	683.00
<b>VENDOR NAME: R. C. MILLER EVENTS &amp; ENTERTAINMENT</b>		
20161028	Deposit for 2016 Boo Bash Playground Games	350.00
	TOTAL VENDOR R. C. MILLER EVENTS & ENTERTAINM	350.00
<b>VENDOR NAME: REINDERS, INC.</b>		
1657387-00	Rotary blade for North Pk mower #702	132.36
	TOTAL VENDOR REINDERS, INC.	132.36
<b>VENDOR NAME: RELADYNE</b>		
0991667-IN	Oil and drum deposit	369.25
	TOTAL VENDOR RELADYNE	369.25
<b>VENDOR NAME: RJN GROUP INC.</b>		
02	Eng. service for sewer rehab project thru 9/30/16	3,450.00
	TOTAL VENDOR RJN GROUP INC.	3,450.00
<b>VENDOR NAME: RONDOUT SERVICE CENTER LLC</b>		
8516	Truck testing	198.50
	TOTAL VENDOR RONDOUT SERVICE CENTER LLC	198.50
<b>VENDOR NAME: RUSSO POWER EQUIPMENT</b>		
3491360	Spline screws	2.04
3494010	Chain	26.45
3503889	Gear lubricant, tapping screw, sleeve and carburetc	64.42
3509479	Bar and chain oil	57.96
3491357	Fuel line, tube clip, air cleaner element, gear lubric	81.84
	TOTAL VENDOR RUSSO POWER EQUIPMENT	232.71
<b>VENDOR NAME: SIGNALSCAPE, INC</b>		
7076	Annual Support & Maintenance for Interviewer syste	503.75
	TOTAL VENDOR SIGNALSCAPE, INC	503.75
<b>VENDOR NAME: SIMPSON M. E.</b>		
29084	Valve turning program services	610.00
	TOTAL VENDOR SIMPSON M. E.	610.00
<b>VENDOR NAME: SUBWAY</b>		
4E0E1057-9A	BS&A Lunch & Learn	116.10
	TOTAL VENDOR SUBWAY	116.10
<b>VENDOR NAME: TRAFFIC CONTROL &amp; PROTECTION INC</b>		
87980	Street name signs	85.10
87981	Street name sign for "Linda Jones Blvd"	42.55
87979	Street name signs	99.05
	TOTAL VENDOR TRAFFIC CONTROL & PROTECTION IN	226.70
<b>VENDOR NAME: TRUGREEN</b>		

**CUSTOM INVOICE REPORT FOR VILLAGE OF LINCOLNSHIRE**  
**INVOICE DUE DATES 10/11/2016 - 10/24/2016**  
**JOURNALIZED**  
**BOTH OPEN AND PAID**

INVOICE NUMBER	DESCRIPTION	AMOUNT
<b>VENDOR NAME: TRUGREEN</b>		
55219358	Fall fertilization @ North Park 10/4/16	620.00
54949031	Fall fertilization @ Whitmore, Brampton berms@Riv	170.00
54927490	Fall fertilization @ Balzer Pk	135.00
54914119	Fall fertilization @ Memorial Park	70.00
54935099	Fall fertilization @ Westmins median and Westmins	120.00
54914124	Fall fertilization @ Balzer pie lot @ 20 Whitby	55.00
54903892	Fall fertilization @ Spring Lake Pk	330.00
54949038	Fall fertilization @ Whytegate historic quadrangle	60.00
TOTAL VENDOR TRUGREEN		1,560.00
<b>VENDOR NAME: TWIN OAKS LANDSCAPING</b>		
MR650219-0008	September 2016 - Parks mowing services	3,064.00
TOTAL VENDOR TWIN OAKS LANDSCAPING		3,064.00
<b>VENDOR NAME: ULTIMATE SCREEN PRINTING</b>		
125517	Uniform/Polo Shirt Records - Hitchcock	94.50
TOTAL VENDOR ULTIMATE SCREEN PRINTING		94.50
<b>VENDOR NAME: UPS STORE (THE)</b>		
1012016	Halloween Time Patch for Kiosk Sign	63.75
TOTAL VENDOR UPS STORE (THE)		63.75
<b>VENDOR NAME: US BANK- CORP TRUST</b>		
4418428	paying agent LINSSA04 Sedgewood SSA1 Series 2	225.00
TOTAL VENDOR US BANK- CORP TRUST		225.00
<b>VENDOR NAME: US POSTAL SERVICE</b>		
10062016	Postage Meter Refill #2426586C	1,000.00
TOTAL VENDOR US POSTAL SERVICE		1,000.00
<b>VENDOR NAME: VERIZON WIRELESS</b>		
9772879325	Cell Phone Svc & Squad Laptops 09/02-10/01	1,719.34
TOTAL VENDOR VERIZON WIRELESS		1,719.34
<b>VENDOR NAME: VILLAGE OF ALGONQUIN</b>		
2451	Randall Dean Seminar Brad W and Wally D attende	50.00
TOTAL VENDOR VILLAGE OF ALGONQUIN		50.00
<b>VENDOR NAME: VISTA PRINT</b>		
GW5NM-04A89-7R1	Police Department Note Cards	79.99
TOTAL VENDOR VISTA PRINT		79.99
<b>VENDOR NAME: WATER PRODUCTS CO.</b>		
0269457	Repair clamps	291.00
0269456	Breakflange repair kit for hydrant on Indian Creek	205.00
TOTAL VENDOR WATER PRODUCTS CO.		496.00
<b>VENDOR NAME: WE FIX-IT TIRE REPAI</b>		
0536	Tire repair for #232	28.50
0557	Tire replacement for trailer #263	108.00
TOTAL VENDOR WE FIX-IT TIRE REPAI		136.50
<b>VENDOR NAME: WESTIN</b>		
32GJTB45	B. Burke Lodging - ICMA Annual Conference	656.72
TOTAL VENDOR WESTIN		656.72
<b>VENDOR NAME: XEROX CORPORATION</b>		
86371405	Police Copier Service September 2016	85.00
086371406	Meme copier 8/21/16 to 9/21/16	337.97
086371404	Nemo base charge 8/21/16 to 9/21/16	57.00
086371407overages	Coco billable prints 8/21/16 to 9/21/16	237.16
086371407-base	Coco-base charge 8/21/16 to 9/21/16	178.00

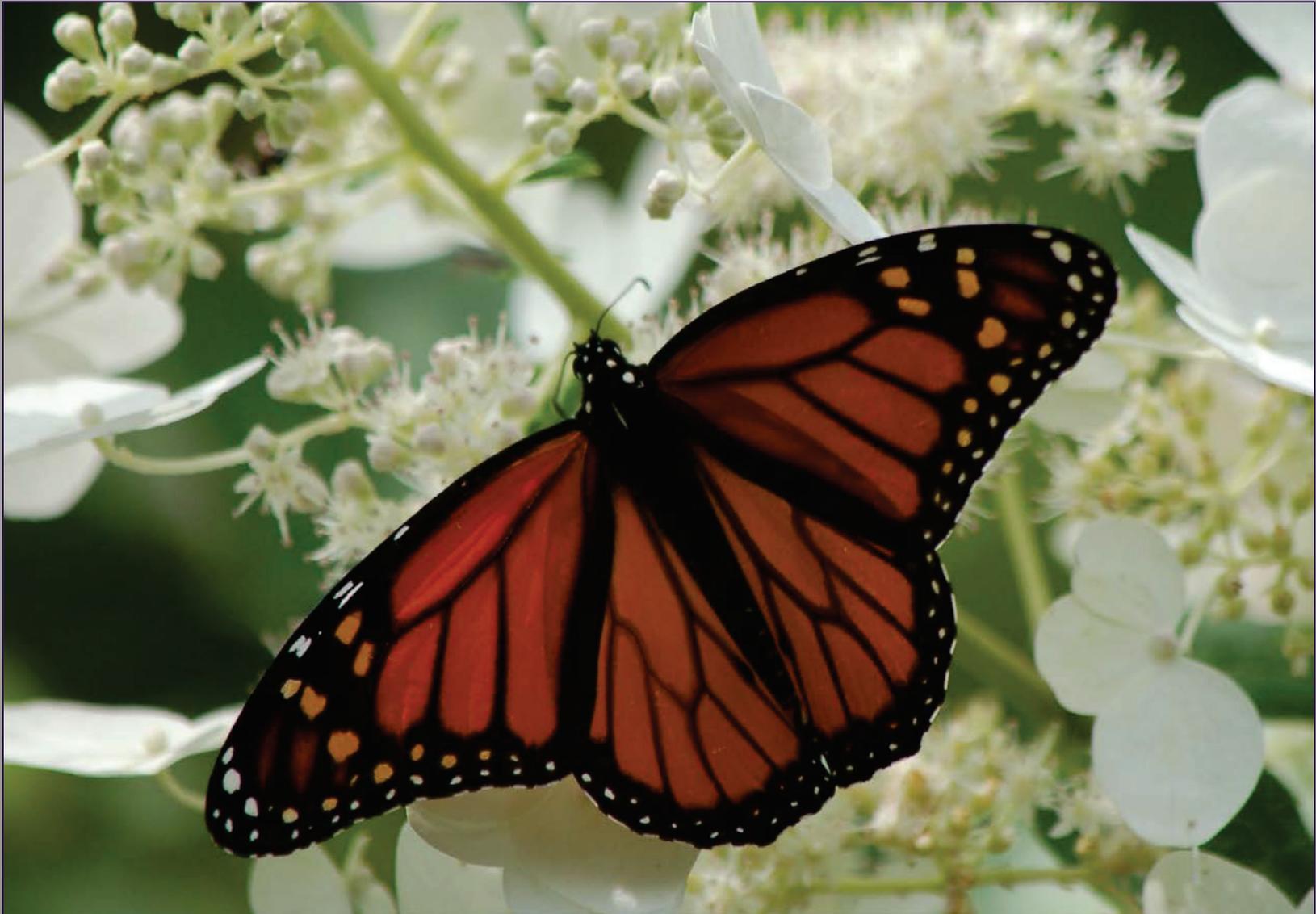
**CUSTOM INVOICE REPORT FOR VILLAGE OF LINCOLNSHIRE**  
**INVOICE DUE DATES 10/11/2016 - 10/24/2016**  
**JOURNALIZED**  
**BOTH OPEN AND PAID**

<b>INVOICE NUMBER</b>	<b>DESCRIPTION</b>	<b>AMOUNT</b>
<b>VENDOR NAME: XEROX CORPORATION</b>		
	TOTAL VENDOR XEROX CORPORATION	895.13
<b>VENDOR NAME: ZBATTERY.COM</b>		
465-S383342	Maglights w/chargers (9)	835.70
	TOTAL VENDOR ZBATTERY.COM	835.70
<b>GRAND TOTAL:</b>		<b>425,538.14</b>



# **Lincolnshire Garden Club**

# Plight of the Monarch Butterfly

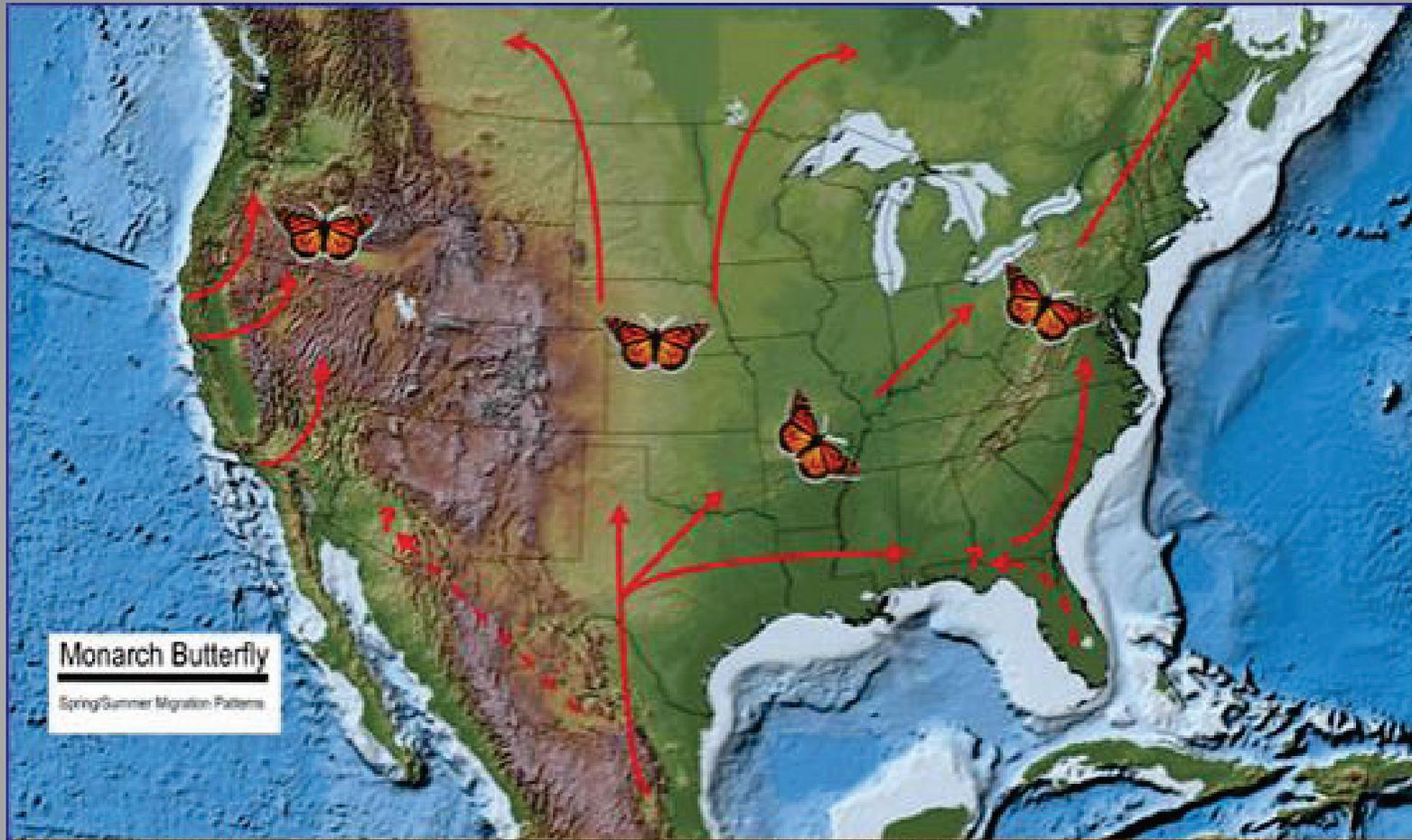


# **LGC Mission**

- **FUNDING COMMUNITY PROJECTS**
- **BEAUTIFYING GARDENS**
- **EDUCATING MEMBERSHIP ABOUT GARDENING TOPICS**
- **FURTHER PUBLIC AWARENESS & ENCOURAGE ACTION RELATED TO ECOLOGY AND CONSERVATION**

**POPULATION DECLINE ~78-90%  
IN THE PAST 20 YEARS**





Monarch Butterfly Spring and Summer Migration Patterns. Base map source: USGS National

## MONARCH FLYWAY NORTH

# Michoucan, Mexico

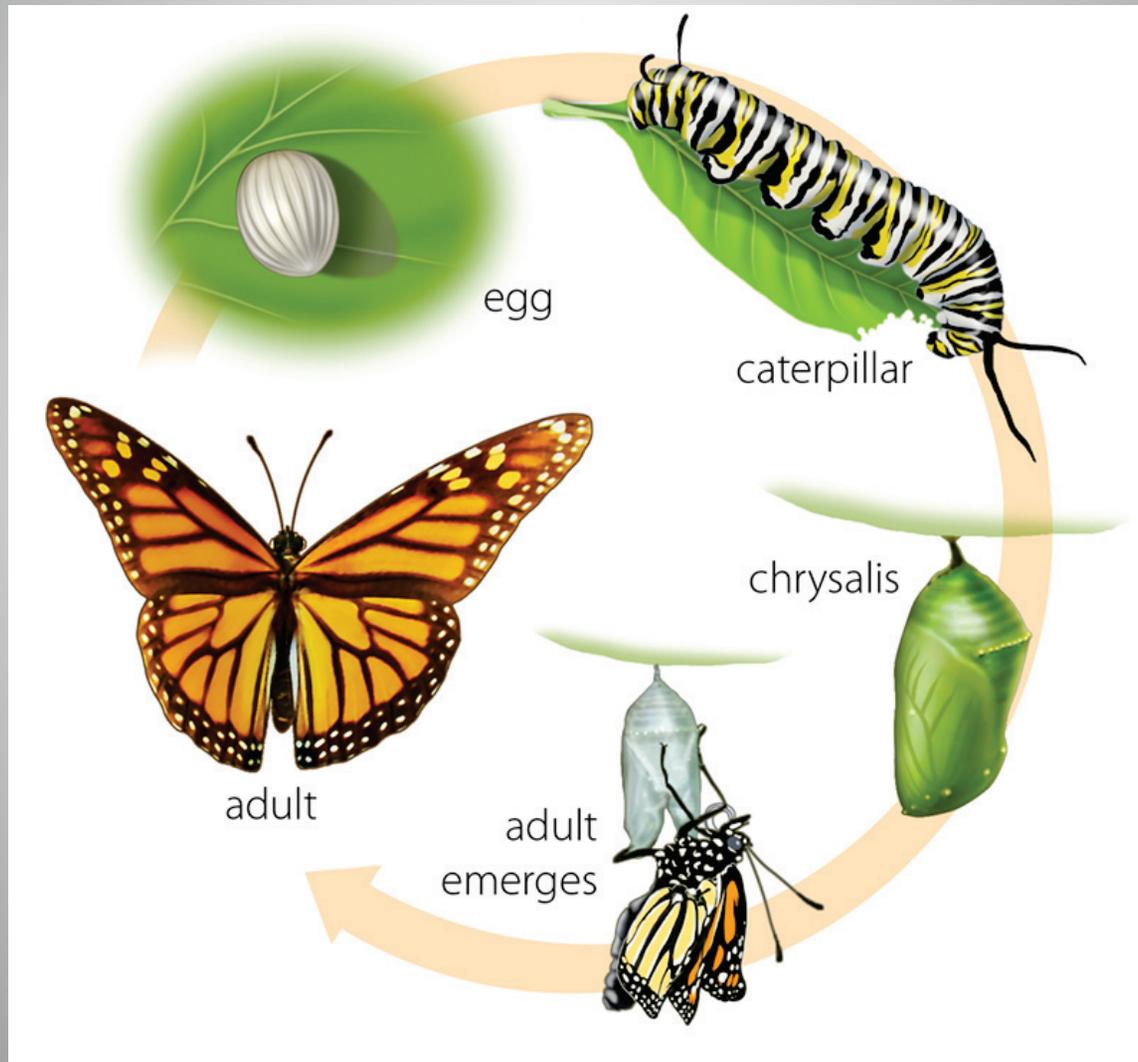


 NATIONAL  
GEOGRAPHIC

Photograph by Joel Sartore

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# LIFE CYCLE OF THE MONARCH





**WINTER HABITAT IN MEXICO IS DECLINING**



**NECTAR FEEDING PLANTS ARE REDUCED**



**DEFORESTING IS A  
MAJOR CONCERN**

**MOWING ALONG  
ROADWAYS  
LIMITS HABITAT**





**MILKWEED IS THE  
ONLY HOST PLANT  
ON WHICH  
MONARCHS LAY  
EGGS**





Butterfly Fall Migration Patterns. Base map source: USGS National Atlas.

## MONARCH FLYWAY SOUTH



**National  
Wildlife  
Federation**

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**GARDEN**  
**FOR WILDLIFE™**

**LEADING THE MAYORS' MONARCH PLEDGE**

# **MAYORS' PLEDGE HAS BEEN ADOPTED BY:**

- **DEERFIELD**
- **LAKE ZURICH**
- **EVANSTON**
- **CAROL STREAM**
- **GLENVIEW**
- **MANY OTHERS ACROSS THE U.S.**

# AGREE TO AT LEAST 3 ACTIONS

Here are just a few examples



Encourage residents to plant  
butterfly gardens

Revise mowing and planting in city  
parks

Plant milkweed and native nectar plants in  
median strips and public rights-of-way

Integrate monarch conservation into the  
city's master plan

Adopt pesticide practices not harmful to  
pollinators



# How to take the pledge?

- **Access the web address:**

<http://nwf.org/Garden-For-Wildlife/About/National-Initiatives/Mayors-Monarch-Pledge.aspx>

- **Read and take-the Pledge on-line.**
- **Commit to a minimum of 3 actions.**

# **State of Illinois Initiatives**

- **Monarch Butterfly License Plates** Legislative action underway; proceeds for planting milkweed along roadways
- **Tollway Authority to plant milkweed along 286 miles of roads**
- **DNR encouraging public to help**

# **Information Packets**

**Mayor's Monarch Pledge from U.S.  
Fish & Wildlife Service**

**Newspaper articles about Deerfield,  
Lake Zurich and Denver pledges**

**Copy of this PowerPoint Presentation**

A monarch butterfly is perched on a yellow flower, likely a milkweed, in a garden setting. The butterfly's orange and black wings are clearly visible. The background is a soft-focus garden scene with green foliage and other yellow flowers.

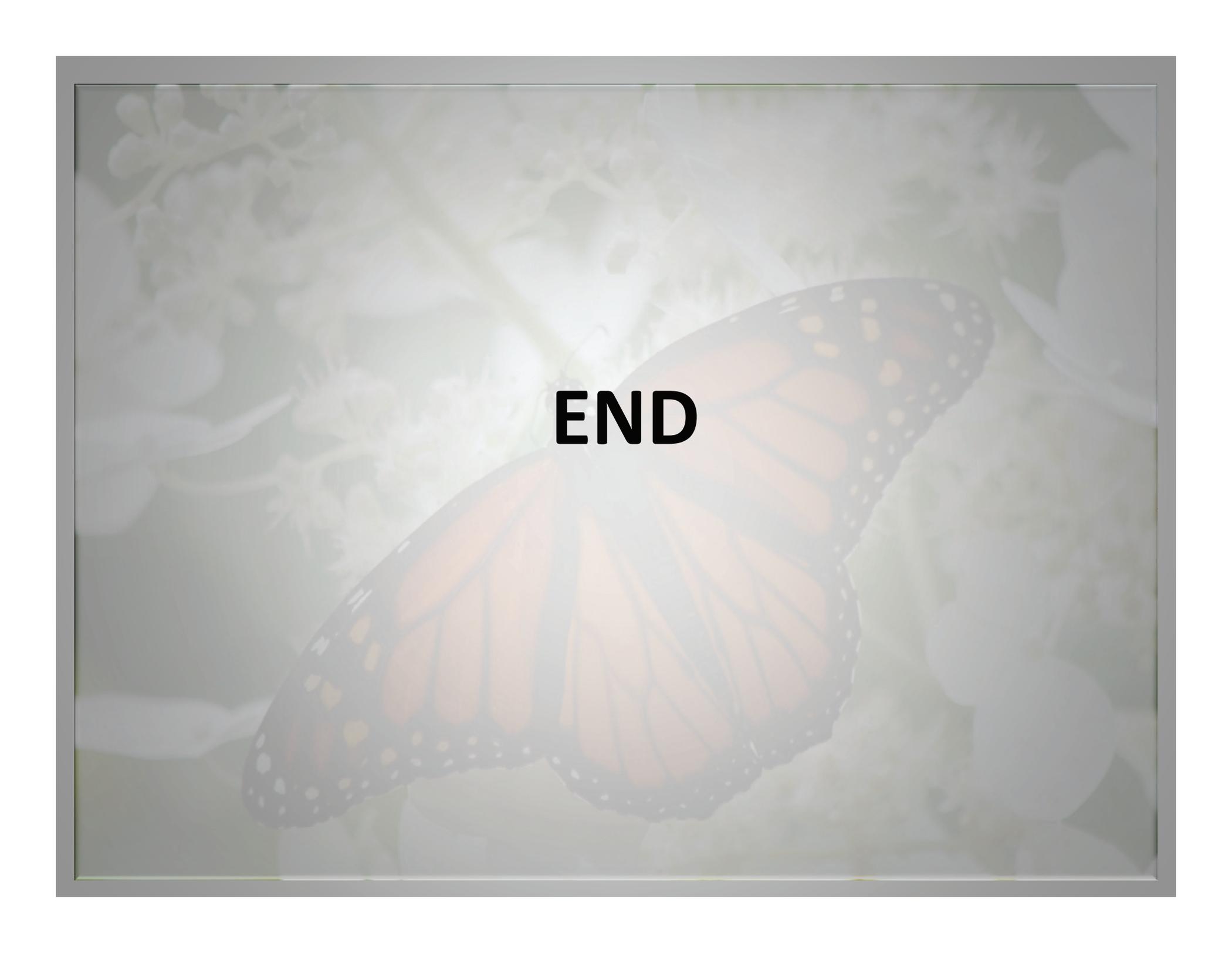
**Lincolnshire Garden  
Club is ready to partner  
with you to take the  
Mayors' Monarch  
Pledge and to take  
action!**



**THANK YOU !**

# **Lincolnshire Garden Club**

- **Joan Keyes, President**
- **Judy Jenner, Monarch  
Committee Chair**

A monarch butterfly with orange and black wings is perched on a white flower. The word "END" is written in bold black letters across the butterfly's body. The background is a soft-focus image of more white flowers and green leaves.

**END**

## US Fish & Wildlife Service

## National Wildlife Refuge System

# Mayors' Monarch Pledge

February 2016 - Friends Forward

The Mayors' Monarch Pledge is the newest partnership between the U.S. Fish and Wildlife Service and the National Wildlife Federation to help save the monarch butterfly. As of February 66 mayors in 20 states had taken the Monarch Pledge, committing their cities to take specific actions that will make urban habitat friendlier to monarchs and other wildlife.

Mayors who sign the pledge agree to implement at least three of [25 recommended action items](#) within a year. Friends organizations can encourage their mayors to sign the pledge or help implement the action steps. "Refuges and Friends can bring technical expertise about where or what to plant," says the Service's Midwest region monarch coordinator Ann Marie Krmpotich.

Cities can:

- encourage residents and homeowners associations to plant pollinator or monarch gardens;
- revise mowing and milkweed planting programs in city parks;
- support native plant or milkweed seed sales or giveaway programs;
- convert abandoned lots to monarch habitat;
- plant milkweed and native nectar plants in median strips and public rights-of-way;
- integrate monarch conservation into the city's master plans; and
- adopt pesticide practices that are not harmful to pollinators.



Refuges and Friends can provide technical expertise when cities commit to making urban habitat friendlier for monarchs.

Another recommended action is removing milkweed from a city's list of noxious plants. Common milkweed can spread aggressively and even be toxic to livestock. Other native species of milkweed are not as aggressive and still greatly appreciated by monarchs.

St. Louis Mayor Francis Slay committed the city to planting 50 monarch gardens and challenged the community to plant an additional 200 to commemorate the city's 250th birthday. As of December 2015, there were 215 gardens, all marked on a [map](#).

Information and resources about the Mayors' Monarch Pledge are available [here](#), including the [list of cities](#) whose mayors have already signed up.

Last updated: February 9, 2016

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## Mayors' Monarch Pledge

Mayors and other local government chief executives are taking action to help save the monarch butterfly, an iconic species whose populations have declined by 90% in the last 20 years. Through the National Wildlife Federation's Mayors' Monarch Pledge, cities and municipalities are committing to create habitat and educate citizens about how they can make a difference at home. There are four steps to taking and implementing the pledge.

### 1. Take the Pledge

By taking the Mayors' Monarch Pledge, you are committing to both restore habitat in your community and encourage your citizens to do the same. Read the [Mayors' Monarch Pledge](#) and then [take the pledge online!](#)

### 2. Specify Your Actions

We will follow up with the point person specified in the online pledge form and work to identify at least 3 specific actions that your community will take in the next year. Mayors who decide to take 8 or more actions will receive special recognition and become a member of the **Mayors' Monarch Pledge Leadership Circle**. Once these specific actions have been identified, communities will report their progress through a simple online survey form. Read the Mayors' Monarch Pledge Action Items in [English](#) or [Spanish](#) and then [specify which actions you will take](#).

### 3. Take Action

Once you have taken the pledge and specified which actions your community will take over the next year, **it's time to start taking action!** Over the next several months, NWF will be sharing best

practices for cities and municipalities through our online resources section, occasional email updates, social media, and webinars. Please refer to [our resources section](#) for more details.

## 4. Report Progress

Once you have specified your actions and begun to take action we will ask communities to fill out a simple reporting form on a quarterly basis. The reporting process will only take about 5 minutes and the data we collect will allow us to track the collective outcomes and impact of our work.

*Got Questions? Please be sure to read our [Frequently Asked Questions](#). If you do not see your question answered, please contact [mayorsmonarchpledge@nwf.org](mailto:mayorsmonarchpledge@nwf.org).*

[View the Mayor's Monarch Pledge Signatories >>](#)

## Denver joins national movement to save monarch butterfly population



By [Kieran Nicholson](#) | [knicholson@denverpost.com](mailto:knicholson@denverpost.com)

October 13, 2016 at 4:59 pm

Denver is now part of a national collaboration committed to saving the monarch butterfly.

On Thursday, Mayor Michael Hancock took the National Wildlife Federation’s Mayors’ Monarch Pledge, committing the city to “sustainable practices” that will help the struggling butterfly, along with other pollinators, according to a mayor’s office news release.

Monarch numbers in North America have declined 78 percent from population highs of the mid-1990’s, according to The Center for Biological Diversity (CBD), a national, nonprofit conservation organization.

Pollinators, including the monarch, are crucial to the reproduction and survival of flowers and plants, including human food sources.

“Denver is committed to establishing and restoring habitat for the monarch butterfly and we encourage our residents to do the same,” Hancock said in the release. “By doing this, we are creating sustainable practices that will support the increase of native pollinating insects in our city, which is important to the health and beauty of Denver.”

Denver Parks and Recreation incorporates native pollinator plants, shrubs and perennials, [including milkweed](#), the monarch caterpillar’s exclusive food source.

Monarch numbers in North America dropped to 25 million, a 20-year low, in 2014, according to the CBD. The butterfly numbers rebounded to 150 million in 2016, still, a far cry from the 20-year high of 682 million in 1997.

Through the national pledge, cities and municipalities commit to create habitat and educate people on ways to make a local difference in sustaining pollinators.

Denver's effort will include creating a monarch-friendly demonstration garden at City Hall, converting abandoned lots to monarch habitat and changing mowing schedules to allow milkweed to grow.

"With this pledge, the City of Denver continues to be a leader in the West and the nation in creating sustainable cities for people and nature," said Brian Kurzel, Executive Director of the National Wildlife Federation's Rocky Mountain Regional Center. "By working together we can ensure that every American child has a chance to experience majestic monarchs in their (community)."



COURTESY OF JUDITH THODE

A monarch butterfly rests on a swamp milkweed. The species is in severe decline, but the Save the Monarch program hopes to bring them back.

## Lake Zurich named A 'Save the Monarch' Community

*Submitted by Judith Thode*

The severe decline of monarch butterflies — an estimated 90 percent in the past 10 years — is due to several factors including habitat destruction, overuse of insecticides and destructive weather changes in their winter habitat in Mexico. The consequences of this decline are being felt in farm related industries, as monarchs are major pollinators of food crops. And their grace and beauty are being lost.

"The Ancient Oaks Foundation is pleased that the village of Lake Zurich understands the importance of the monarch butterfly and the need for providing habitat for this important part of the web of life," said Judi Thode, president of, the Ancient Oaks Foundation. "Thanks to Mayor (Tom) Poynton for making the Mayors' Monarch Pledge."

This pledge ensures that at

least eight specific actions, ranging from establishing butterfly gardens to changing insecticide usage on village property, will be taken within the next year. To date, 11 action items have been completed, placing Lake Zurich into the U.S. Fish and Wildlife Service's "Mayors' Monarch Leadership Circle" It is one of only six Illinois municipalities to achieve this standing.

The village and the Ancient Oaks Foundation are partnering to help raise community awareness about the plight of the monarch and steps that can be taken to remediate this decline. The Ancient Oaks Foundation, a non-profit conservation organization based in Lake Zurich, has established and maintains several butterfly gardens within village parks and natural areas. They are providing free milkweed seed to any resident who requests some via email and will be

distributing seed packets at the various events they are sponsoring throughout the summer and fall. Milkweed, when mature, is the preferred habitat for monarch reproduction as well as food and shelter for monarch caterpillars and chrysalides. Providing it in home gardens will improve the reproductive capabilities of the monarch and is something that the average person can do to help reverse this decline. To receive a free packet of milkweed seed, contact AOF at [info@ancientoaksfoundation.org](mailto:info@ancientoaksfoundation.org). Leave a home address and it will be mailed to you.

For more information about the Save the Monarch program, visit [www.fws.gov/savethemonarch](http://www.fws.gov/savethemonarch).

• To submit Your news with one photo, go to [dailyherald.com/share](http://dailyherald.com/share). To submit Your news with multiple photos,

# Deerfield does its part in monarch recovery effort

By STEVE SADIN  
Pioneer Press

Freezing rain in a Mexican mountain range coupled with ongoing habitat loss has resulted in the sharp reduction of the monarch butterfly population. Deerfield officials have decided to do something about it and are inviting others to join the effort.

Caron Wenzel, a professor of horticulture and a monarch expert, will explain how residents can create an inviting stop in their own yards for the migrating butterfly at 10 a.m. Oct. 1 at the Patty Turner Center in Deerfield.

Deerfield and other nearby communities have been taking the problem seriously, according to Deerfield Mayor Harriet Rosenthal. She signed a pledge in May to help preserve the monarch and the Oct. 1 talk is part of that promise.

"This is a way to ensure the environment and ecology," Rosenthal said. "When we found out about the monarchs we took action because we are very concerned. We want everyone to help keep the monarchs going."

Monarchs migrate from Mexico to Canada and back with stops along the way, however some of those who return are the children and grandchildren of those who began the journey, according to Wenzel, an adjunct professor of horticulture at the College of Lake County.

Along the way, Wenzel said the butterflies need certain types of plants. Milkweed, usually found in prairies, is used to lay their eggs. Flowering plants with nectar like goldenrods and asters are used by butterflies to find nourishment for themselves and their offspring when they come out of their cocoon.

All of this happens fast. Wenzel said a caterpillar hatches and crawls around



ANDREW JOWETT/AP

A monarch butterfly sits on a flower on the shores of Lake Huron in Fort Gratiot, Mich.

a milkweed plant for 10 to 14 days before spinning a cocoon. After another 10 to 14 days, it emerges from its cocoon, she said.

The natural environment is found on a prairie, which is becoming less plentiful in the area, according to Wenzel. Matters became worse for the monarch when an ice storm hit a Mexican mountain range in the southernmost part of the migratory route.

"There was a huge ice storm which killed a lot of monarchs," Wenzel said. "They can survive the storm but not the habitat destruction in winter and summer."

Though there is little control over ice storms, Wenzel said people can make a difference by helping restore the monarch habitat in this area while others do the same along the route from Texas, which is a key stop after Mexico, to Canada. She said the California monarchs are not part of this group.

One thing Wenzel said individuals can do is create a butterfly garden in their yards. Attendees of her talk at the Patty Turner Center will have an opportunity to do that both by planting seeds at the center after the talk and doing the same at home, according to Deer-

field Assistant Village Manager Andrew Lichterman. He said the seeds are free.

Lichterman said the village has handed out milkweed seeds at the Deerfield Farmers Market and other places in the village encouraging residents to create butterfly gardens.

The village is planting its own butterfly garden at the water reclamation facility with 500 seeds it received as a grant from Monarch Watch at the University of Kansas, according to Lichterman. He said the facility has a two-acre mesic prairie, which Wenzel said is the monarch's natural habitat.

"There's a green sustainable infrastructure there," Lichterman said of the mesic prairie at the water reclamation facility. "It's a no mow area with domestic plants that supports butterflies."

Wenzel said the effort to save the monarch butterflies has additional environmental benefits. It will restore habitat for other species as well.

"If you save the monarchs, you'll save a heck of a lot more than monarchs," Wenzel said.

Steve Sadin is a freelance reporter for Pioneer Press.

Approved by the Mayor and Village Board on October 24, 2016.

**Elizabeth Brandt, Mayor**

**Bradly J. Burke, Village Manager**

\_\_\_\_\_

\_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_

\_\_\_\_\_

Barbara Mastandrea, Village Clerk

**REQUEST FOR BOARD ACTION**  
**Regular Village Board**  
**October 24, 2016**

<b>Subject:</b>	Lincolnshire Trails Townhome Subdivision, 14600 Riverside Road
<b>Action Requested:</b>	<ol style="list-style-type: none"> <li>1. Approval of an Ordinance Approving an Annexation Agreement.</li> <li>2. Approval of an Ordinance Approving the Annexation of Certain Property.</li> <li>3. Approval of an Ordinance Rezoning Certain Property, Granting a Special Use for a Planned Unit Development and Approving the Preliminary Development Plan and Preliminary Plat of Subdivision for an Attached Single-Family Residential Townhome Community.</li> </ol>
<b>Petitioner:</b>	KZF Development/Stack Real Estate
<b>Originated By/Contact:</b>	Tonya Zozulya, Economic Development Coordinator Department of Community & Economic Development
<b>Advisory Board Review:</b>	Architectural Review Board

On October 10, 2016, the Village Board held public hearings and considered the petitioner's requests regarding the rezoning, Special Use for a Planned Unit Development, annexation agreement and Preliminary Plat and Preliminary Development plans for the property at 14600 Riverside Road for the development of a 44-unit townhome development; Lincolnshire Trails. Attached is the revised Annexation Agreement reflecting the Board's discussion and direction. The petitioner notes their agreement with the revisions in the attached cover letter.

**Revised Draft Annexation Agreement:**

Initiation of Site Work & Construction of Model Homes

- At the October 10<sup>th</sup> Committee of the Whole (COW) meeting, the Board directed the developer to work with staff regarding the petitioner-requested relief for the initiation of site work before Final Plat/Final Development Plan approval.
- The attached draft Annexation Agreement (see page 8, Section C) details submittal requirements the developer must meet for staff to consider providing this relief.

Temporary Off-Premise Marketing/Project Announcement Sign

- At the October 10<sup>th</sup> COW meeting, the Village Board was open to the concept of granting relief for one off-premise temporary marketing/project announcement sign at Milwaukee Avenue and Riverside Road, as requested by the petitioner. Some Board members stated a desire to permit the sign after the start of the construction activity and limit the sign display period. The Village Board requested the Village Attorney draft language in the Annexation Agreement allowing for such a sign. The Board also requested the petitioner bring back to the Board, at a future date, information regarding the sign location, size and design/visual impact for Board review and possible approval.
- The attached draft Annexation Agreement (see page 7, Section A5) states the following regarding the temporary off-premise sign: *"Off-Site Signage: Subject to the Village Board's agreement regarding the final location of the Project Announcement Sign along the frontage of Milwaukee Avenue and Riverside Road, such sign may be erected and*

*maintained until the issuance of the last building permit in the Development.”*

- By code, residential developments over 5 acres in size, including the proposed Lincolnshire Trails, are permitted a temporary project announcement sign up to 7' in height and 32 square feet in area until the issuance of the first certificate of occupancy (see attached code regulations). The Village Board previously approved a variation for the Camberley Club subdivision to allow an extended sign display period which was until the sale of the last unit rather than until the issuance of the first certificate of occupancy, as required by Code. **Staff requests the Board's confirmation the petitioner should bring back to the Board information regarding the proposed sign location, size and design for review and possible approval. Staff requests the Board also determine whether the Annexation Agreement should permit the code-required display period (the issuance of the first certificate of occupancy), the current tentative language (the issuance of the last building permit), or another timeframe the Board wishes to establish for this sign.** This decision is necessary so the Annexation Agreement can be revised to reflect Village Board direction.

#### Bike Path Location

As noted in the attached cover letter, the petitioner met with Lake County Forest Preserve representatives regarding installing a 10' bike path along the north side of Riverside Road. Both parties are currently reviewing the appropriate path location. The petitioner will submit revised plans once the location and easements have been agreed upon.

#### Park Donations

- At the October 10<sup>th</sup> COW meeting, the petitioner agreed to withdraw their relief request regarding the design and construction of the pavement and curb throughout the subdivision. In addition, they also agreed to the staff-recommended park donation credit of \$98,360, or 17% of the code-required amount of \$582,714. The amount of park donation due will be \$484,354.
- The attached Annexation Agreement reflects the agreed-upon park donation amount (see page 13, Section C).

#### **Site Density:**

As requested by the Village Board, below chart depicts the proposed density for Lincolnshire Trails, compared to previously approved townhome developments.

Subdivision	Acres	Units	Density (DU/Acre)
<b>Proposed Lincolnshire Trails (<i>entire property</i>)</b>	<b>19.7</b>	<b>44</b>	<b>2.2</b>
<b>Proposed Lincolnshire Trails (<i>buildable area only</i>)</b>	<b>6.8</b>	<b>44</b>	<b>6.5</b>
Camberley Club	20	86	4.3
Beaconsfield	8.7	56	6.4
Heritage Creek	11.2	80	7.1
Rivershire	42.2	145	3.4
Sutton Place	13.7	96	7.0

#### **Recommendation:**

Approval of the Annexation Agreement and Ordinances approving Annexation, Rezoning, a Special Use for a PUD, and Preliminary Development Plan and Preliminary Plat of Subdivision for Lincolnshire Trails townhome subdivision.

**Reports and Documents Attached:**

- Location Map, prepared by MGP Consortium.
- Revised cover letter, submitted by Attorney Lawrence Freedman of Ash, Anos, Freedman & Logan LLC, dated October 17, 2016.
- Revised draft Annexation Agreement, prepared by Attorney Lawrence Freedman of Ash, Anos, Freedman & Logan LLC.
- Draft Annexation Agreement, Annexation and Special Use/Rezoning/Preliminary Development Plan & Plat ordinances, prepared by the Village Attorney.
- Project announcement sign code regulations.
- October 10, 2016 Staff memorandum to the Village Board.
- Presentation packet, prepared by Manhard Consulting.

<b>Meeting History</b>	
Village Board Evaluation (COW)	April 13, 2015
Continued Village Board Evaluation (COW)	May 26, 2015
Continued Village Board Evaluation (COW)	July 13, 2015
Continued Village Board Evaluation (COW)	July 27, 2015
ARB Review (workshop)	January 19, 2016
ARB Review	February 16, 2016
Village Board Committee of the Whole	October 10, 2016
Regular Village Board	October 24, 2016



-  Village Boundary
-  Zoning Districts
-  Building
-  Water Feature
-  Parcel
-  Subject Location



LAW OFFICES

ASH, ANOS, FREEDMAN & LOGAN, L.L.C.  
77 WEST WASHINGTON STREET - SUITE 1211  
CHICAGO, ILLINOIS 60602

LAWRENCE M. FREEDMAN  
BRUCE T. LOGAN

TELEPHONE: 312-346-1390  
FAX: 312-346-7847  
LMFREEDMAN@AFLAW.COM

BARRY ASH  
GEORGE J. ANOS, 1951-2005  
JOSEPH ASH, 1951-2012

October 17, 2016

Mayor Elizabeth Brandt and the  
Board of Trustees of  
The Village of Lincolnshire  
One Olde Half Day Road  
Lincolnshire, Illinois 60069

Re: Lincolnshire Trails  
Our File No. 16-13

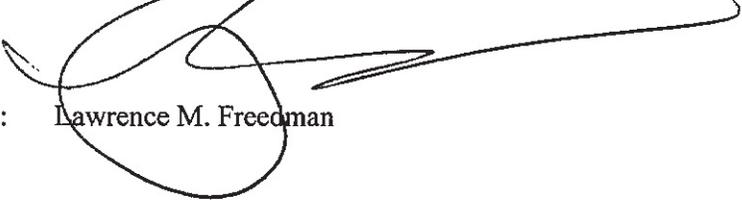
Dear Mayor Brandt and Members of the Board of Trustees:

Applicant is agreeable to all of the changes made in the draft of the Annexation Agreement modified by the Village Attorney, which changes include returning to the Board of Trustees for approval of any final off site signage. In addition, we have had meetings with the Lake County Forest Preserve District as requested by the Village, and have agreed to provide them with the easement which they are requesting subject to finding a mutual agreeable location. We have prepared and submitted to the Forest Preserve District for their approval, a proposed sketch showing what Applicant believes to be a mutually acceptable location for the path. Once we have reached agreement with the Forest Preserve District, we will so advise the Village Staff and provide them with amended drawings showing the location of the path.

We will be present at your meeting on October 24, 2016 to answer any questions which the Board may have. Thank you.

Very truly yours,

ASH, ANOS, FREEDMAN & LOGAN, L.L.C.

BY:  Lawrence M. Freedman

LMF:cas

cc: Ms. Tonya Zozulya  
Mr. Adam Simon

**Prepared by and After  
Recording Return to:**

Lawrence M. Freedman  
Ash, Anos, Freedman & Logan,  
LLC  
77 W. Washington Street  
Suite 1211  
Chicago, Illinois 60602  
(312) 346-1390  
e-mail address:  
[lmfreedman@aflaw.com](mailto:lmfreedman@aflaw.com)

*This space reserved for Recorder's use only.*

**ANNEXATION AGREEMENT**  
**BY AND AMONG**  
**THE VILLAGE OF LINCOLNSHIRE**  
**and**  
**DELAWARE PLACE BANK, N.A.**  
**and**  
**KZF Stack LLC**

## ANNEXATION AGREEMENT

This ANNEXATION AGREEMENT (“Agreement”) is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2016 (the “Effective Date”) by and between the **VILLAGE OF LINCOLNSHIRE**, an Illinois home rule municipal corporation (the “Village”), **DELAWARE PLACE BANK, N.A.**, a \_\_\_\_\_ (the “Owner”), as the title holder of record of the Subject Property (as hereinafter defined), and **KZF Stack LLC, an Illinois limited liability company** (“Developer”), as the contract purchaser of the Subject Property. The Village, Developer and Owner are sometimes hereinafter collectively referred to as the Parties and individual as a Party.

### RECITALS

WHEREAS, the Owner is owner of record of certain real estate legally described as set forth in Exhibit “A”, consisting of approximately 19.707 acres of property (the “Subject Property”); and

WHEREAS, Developer has entered into a contract with Owner to purchase the Subject Property and intends to develop the Subject Property with a 44-unit attached single-family residential townhome community under the name “Lincolnshire Trails” (the “Development”) in accordance with the site plans, preliminary plat of subdivision, landscape plans, building elevations, building material and colors, floor plans, preliminary engineering plans, photometric lighting plan, site amenities and other plans collectively entitled [ \_\_\_\_\_ ], dated [ \_\_\_\_\_ ]

[ \_\_\_\_\_ ] as revised [ \_\_\_\_\_ ], attached hereto as **Group Exhibit B** (the “Preliminary Development Plans”), the terms and provisions of this Agreement, and, except to the extent expressly in conflict herewith, the applicable State, County and Village regulations; and

WHEREAS, the Subject Property is not at this time within the corporate limits of any municipality; and

WHEREAS, the Owner and Developer are desirous of annexing the Subject Property to the Village pursuant to the terms and conditions hereafter set forth; and

WHEREAS, the Owner has filed a voluntary annexation petition and annexation plat, which annexation petition states that there are no electors residing within the Subject Property; and

WHEREAS, the parties wish to enter into a binding agreement with respect to annexation, zoning and other related matters, pursuant to the authority and provisions of 65 ILCS 5/7-1-1 *et seq.* and 65 ILCS 5/11-15.1-1 *et seq.* of the Illinois Municipal Code, the Village's home rule powers, and upon the terms and conditions contained in this Agreement; and,

WHEREAS, Title 6 of the Village Code, Developer submitted to the Village an Application for Village Board consideration seeking (a) a special use for a planned unit development and preliminary planned unit development plan approval with related conditions and exceptions from the Village Code to allow the Development on the Subject Property (the "Special Use"), all in accordance with the Preliminary Development Plans (collectively, the "PUD Application"); and

WHEREAS, pursuant to the above referenced sections of the Illinois Compiled Statutes, and Title 6 of the Village Code, and notice published on September 23, 2016 in the Daily Herald, all public hearings, as required by law, have been held by the Village Board on the PUD Application in order to permit the Subject Property, upon annexation, to be developed as hereinafter provided; and

WHEREAS, pursuant to the above referenced sections of the Illinois Compiled Statutes, a proposed annexation agreement in substance and in form the same as this Agreement was submitted to the Mayor and Board of Trustees of the Village (the “Corporate Authorities”) and a public hearing was held on October 10, 2016, pursuant to notice published on September 23, 2016 in the Daily Herald, as provided by statute; and

WHEREAS, the Corporate Authorities, after due and careful considerations, have concluded that the annexation of the Subject Property to the Village and development of the Subject Property in substantial conformance to the Preliminary Development Plans, and on the terms and conditions herein set forth, will promote the sound planning and development of the Village as a balanced community, increase the taxable value of property within the Village, properly and beneficially extend the corporate limits and jurisdiction of the Village, enable the Village to control the development of the area, and otherwise promote the proper growth and general welfare while serving the planning objectives of the Village; and

WHEREAS, the Owner desires to have the Subject Property classified under the Zoning Regulations of the Village, as defined below, for the purpose of developing or using, as the case may be, the Subject Property for the Development; and

WHEREAS, by a favorable vote of at least two-thirds (2/3) of the Corporate Authorities of the Village then holding office, an ordinance has been adopted authorizing the execution of this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants, agreements and promises herein contained and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows:

Section 1. Incorporation of Recitals. The Parties acknowledge the truth and accuracy of the foregoing recitals and do hereby incorporate them into this Agreement as if restated in their entirety in this paragraph.

Section 2. Acquisition of the Subject Property. The enforceability and application of this Agreement and all of the Parties' rights and obligations hereunder are conditioned upon Developer or its nominee acquiring the Subject Property from Owner not less than 12 months after the date the Corporate Authorities approve and execute this Agreement (the "Acquisition Period"). After Developer or its nominee, acquires the Subject Property, Developer shall give notice of such fact to the Village (the "Acquisition Notice"). If Developer fails to deliver the Acquisition Notice to the Village prior to the expiration of the Acquisition Period (as the same may be extended pursuant to Developer's written request with Village approval thereof by motion, without the need for an amendment to this Agreement or any public hearing thereon), this Agreement, at the option of the Village upon notice to the Owner and Developer, shall be and become immediately null and void and of no further force and effect. Upon Developer's or its nominee's acquisition of the Subject Property, the Owner shall have no further obligations under the Agreement except to the extent expressly described in this Agreement.

Section 3. Treatment of Owner. The Village and Developer acknowledge Owner is executing this Agreement solely because the law requires that it do so as owner of the Subject Property, and the Owner shall not have liability for, and the Village shall look solely to Developer for, performance of, each and every one of Developer's obligations hereunder and the obligations specified herein.

Section 4. Zoning / Approval of Preliminary PUD Plans.

A. Zoning. At the same meeting of the Corporate Authorities at which this Agreement is approved, the Village shall adopt a valid and binding ordinance rezoning the Subject Property upon annexation to the R-4 Zoning District (the “Zoning Map Ordinance”). The Zoning Map Ordinance shall not become effective unless and until the Village receives the Acquisition Notice prior to the termination of this Agreement in the manner described in Section 2 of this Agreement.

B. Approval of Preliminary PUD Plans and Exceptions. At the same meeting of the Corporate Authorities at which this Agreement is approved, the Village shall adopt a valid and binding ordinance (the “PUD Ordinance”) granting the Subject Property a Special Use for a planned unit development, and approving the Preliminary Development Plans, and require or permit the development of the Subject Property in accordance with the following conditions or exceptions from the Village Code, all in accordance with the Preliminary Development Plans, provided that The PUD Ordinance shall not become effective unless and until the Village receives the Acquisition Notice prior to the termination of this Agreement in the manner described in Section 2 of this Agreement.

1. Minimum distance between buildings 20 feet, in lieu of required 24 feet.
2. All roads on site will be private.

Section 5. Relief from Village Codes.

A. In the exercise of the authority granted by Section 11-15.1-2 of the Illinois Municipal Code, and in the exercise of the Village’s home rule powers, the Village shall permit the development of the Subject Property subject to the following modifications of the otherwise applicable requirements and in accordance with the Preliminary Development Plans:

1. A reduction in right-of-way dedication width adjacent to unsubdivided property required in Section 7-5-2.B from the 50 feet to 33 feet.
2. A reduction in the minimum curb return radii for non-arterial streets required per Section 7-6-3.A.2.d from 25 feet to 20 feet.
3. A waiver from the utility location requirements per Section 7-6-4-2.G, 7-6-4-3.G, and 7-6-4-4.J. to construct the water main, sanitary, and storm sewers as generally depicted on the Preliminary Engineering Plan.
4. Subdivision Sign. As required by the Architectural Review Board, the subdivision sign shall be a single post sign, 8.5 feet in height, incorporating colors from the approved building palette with decorative sign elements to enhance appearance.
5. Off-Site Signage: Subject to the Village Board's agreement regarding the final location of the Project Announcement Sign along the frontage of Milwaukee Avenue and Riverside Road, such sign may be erected and maintained until the issuance of the last building permit in the Development.

B. In the exercise of the authority granted by Section 11-15.1-2 of the Illinois Municipal Code, and in the exercise of the Village's home rule powers, the Village Board hereby delegates power and authority to the Village's Zoning Administrator to exercise reasonable discretion to permit the following modifications of the otherwise applicable requirements, provided that the Zoning Administrator shall exercise such authority and discretion in accordance with the terms and conditions of paragraph C hereinbelow:

1. Partial waiver of the requirements, of Section 6-14-12(E)(5)(b) of the Zoning Code and Sections 7-6-4-1-D of the Subdivision Code to permit the issuance of construction permits at Developer's risk prior to the approval of the Final PUD Plans and Final Plat of Subdivision, for the purpose of allowing the site work and improvements described in Section 11.E.
2. Partial waiver of the requirements of Section 7-4-5 of the Subdivision Code to permit the construction of models at Developer's risk prior to completion of improvements, provided private sewer and water service is available.
3. Waiver of the requirement of Section 7-6-6-C of the Subdivision Code so that developer may obtain building permits, subject to conditions of this Agreement, prior to the completion and acceptance of Public Improvements (as herein

described), other than sanitary sewer mains and potable water mains, which must be approved before issuance of building permits for any dwelling units in the Development.

C. As a condition precedent to the Zoning Administrator granting any or all of the relief described in paragraph B hereinabove, the Developer shall satisfy the following conditions:

1. Developer shall deliver to the Zoning Administrator all reasonably necessary construction schedules, including an engineering plan depicting when and how many units will be served by each phase of the public improvements, to (a) ascertain whether the strict application of the Village Code would frustrate the Developer's ability to construct the Development in a commercially reasonable time in light of seasonal construction limitations, and (b) satisfy the requirements of the Subdivision Code to qualify for phased development;
2. Developer shall deliver to the Zoning Administrator evidence of the private, temporary water and sanitary sewage services and fire suppression systems reasonably necessary to protect the health, safety and welfare of the persons and property located on the Subject Property; and

Section 6. Approval of Final PUD Plans. Except as provided in this Agreement, the Village and Developer shall comply with the procedures described in Section 6-14-12(F) and Title 7, Chapter 4 of the Village Code for approval of the Final Development Plans for the Development ("Final Development Plans") and the Final Plat of Subdivision for the Development ("Final Plat of Subdivision"). Upon the request of Developer, the Village may decide, in its sole discretion, whether to approve modifications to and amendments of the Preliminary Development Plans and Final Development Plans, and other plans the Village may approve from time to time pursuant to this Agreement, without amendment to this Agreement.

Section 7. Applicable Municipal Ordinances. Except as set forth otherwise in this Agreement, all public and private improvements and dwelling units to be constructed on the Subject Property shall be constructed pursuant to all applicable terms and provisions of Village

ordinances, resolutions, codes, rules, regulations, guidelines, and procedures (collectively, “Village Regulations”) in effect as of the Effective Date of this Agreement. Any conflict or inconsistency between the provisions of the Village Regulations, on the one hand, and the provisions of this Agreement, the Zoning Map Ordinance, the PUD Ordinance, the Preliminary PUD Plans and the Final PUD Plans, each only to the extent required by this Agreement, on the other hand, shall be resolved in favor of the latter.

Section 8. Provision of Utility Services / Construction of Required Public Improvements.

A. Connection to Existing Utilities.

1. Subject to the conditions set forth herein, Developer, in connection with its construction of the Development, shall have the right and duty, at Developer’s sole cost and expense, to connect potable water and sanitary sewer mains it constructs within the Development to the Village’s water and sanitary sewer facilities. Such connection right shall be subject to Developer’s undertaking all connections in accordance with all applicable Village codes and regulations in effect as of the Effective Date of this Agreement. The Village represents that, as of the Effective Date of this Agreement, the Village has, and that at all times during the term of this Agreement, save for periods of force majeure, the Village will have, adequate capacity in the Village’s utility systems to serve the Development, subject to and in accordance with the Village’s water and sewer regulations, as more specifically described in Title 8, Chapter 2 of the Village Code.

2. Developer, in connection with its construction of the Development, shall have the right and duty, at Developer’s sole cost and expense, to construct all storm sewer facilities providing storm sewer service to the Development and to connect such storm sewer facilities to the existing storm sewer facilities in accordance with the Preliminary Engineering

Plans included in the Preliminary PUD Plans (“Preliminary Engineering Plans”) and the Final Engineering Plans for the Development (“Final Engineering Plans”).

B. Recapture.

The Village represents and agrees that except as required by [Pulte Ordinance] no recapture fees are or will be due to the Village as a result of or in connection with the zoning of the Subject Property, the recording of the Final Plat of Subdivision therefor, the construction of the Development or the connection of any improvements Developer constructs on the Subject Property to the Village’s potable water and sanitary sewer facilities or in conjunction with public streets or other improvements. The Village further agrees that Developer, in constructing the Development, shall not be required to construct any off-site utility improvements or any street or intersection improvements except as follows:

a. Improvements to Riverside Road to connect to the existing pavement cross section at the eastern edge of Camberley Club Subdivision to the western edge of the Development, as shown in the Preliminary PUD Plans;

b. Extend an off site water main from the western edge of the Subject Property to the proposed water main to be constructed by Pulte Homes within the Riverside Road right of way near the eastern emergency access to the Camberley Club Subdivision as shown in the Preliminary PUD Plans;

c. Extend a water main from the Subject Property to existing water mains in Rivershire Court cul-de-sac, all of which are as shown in the Preliminary Engineering Plans (“Off Site Improvements”) as shown in the Preliminary PUD Plans.

d. Pedestrian and bicycle trail located along the Riverside Road right of way, from the western edge of the Development to the eastern terminus of the pedestrian and bicycle trail constructed by Pulte, in general accordance with the Preliminary Development Plans.

C. Required Easements. The Village shall fully cooperate with Developer in obtaining all easements Developer needs to construct the public improvements that will serve the Development, which assistance shall not include the Village's exercise of its powers of condemnation. All easements Developer needs to construct the Public Improvements shall be acquired at the Developer's sole expense.

D. Construction of Required Public Improvements. Developer shall construct all Public Improvements depicted on the Preliminary Development Plans in accordance with the Final Development Plans, the provisions of this Agreement and the Improvement Agreement to be executed by the Parties in the form attached hereto as Exhibit C. In the event of a conflict between the Improvement Agreement and either the Subdivision Code or the provisions of this Agreement, the Improvement Agreement shall control. For purposes of this Agreement the term "Public Improvements" shall include and be limited to the following improvements:

1. Sanitary sewer mains and appurtenant structures for the Subject Property in accordance with the Preliminary Development Plans.
2. Potable water mains and appurtenant structures for the Subject Property in accordance with the Preliminary Development Plans.
3. Those portions of storm sewer mains and appurtenant structures located in the Riverside Road right of way.
4. Riverside Road improvements in general accordance with the Preliminary Development Plans.
5. Pedestrian and bicycle trail located along the Riverside Road right of way in general accordance with the Preliminary Development Plans. The final location of the pedestrian and bicycle trail to be constructed along the boundary of the Subject Property shall be

determined in consultation with the Lake County Forest Preserve District and the Village's Zoning Administrator.

E. Inspection, Approval and Acceptance of Public Improvements. The Village shall inspect, approve and accept the Public Improvements in accordance with Section 7-6-6 of the Subdivision Code and the Improvement Agreement. At the request of Developer, the Village shall accept completed and approved Public Improvements on an improvement-by-improvement basis. As Public Improvements are completed by Developer, and inspected and approved by the Village and all applicable regulatory authorities, the security deposit made by Developer for such Public Improvements in accordance with the Subdivision Code and the Improvement Agreement shall be proportionately reduced on an improvement-by-improvement or percentage of completion basis.

Section 10. Impact Fees.

A. School. Developer shall, pursuant to Chapter 7, Donations, of Title 7 of the Village Code, pay to the Village for each dwelling unit within the Development a school impact fee in the amount of \$2,704.72 for each two bedroom dwelling unit within the Development, \$4,211.34 for each three bedroom dwelling unit within the Development (collectively, "School Impact Fee"). For the purpose of estimating the total School Impact Fee to be paid by Developer for all dwelling units in the Development in accordance with this Section, the base dwelling unit plan bedroom count shall be used for each dwelling unit in the Development. As a condition precedent to the Village issuing the last building permit necessary to fully construct the last dwelling unit within the Development, Developer shall pay to the Village any deficit in the amount of School Impact Fee paid by Developer through that time in comparison to the total School Impact Fee due to the Village in accordance with this Section.

B. Library. Developer shall, pursuant to Chapter 7, Donations, of Title 7 of the Village Code, pay to the Village for each dwelling unit within the Development a library impact fee in the amount of \$200 for the first bedroom and \$100 for each additional bedroom (“Library Impact Fee”). For the purpose of estimating the total Library Impact Fee to be paid by Developer for all dwelling units in the Development in accordance with this Section, the base dwelling unit plan bedroom count shall be used for each dwelling unit in the Development. As a condition precedent to the Village issuing the last building permit necessary to fully construct the last dwelling unit within the Development, Developer shall pay to the Village any deficit in the amount of Library Impact Fee paid by Developer through that time in comparison to the total Library Impact Fee due to the Village in accordance with this Section.

C. Park. Developer shall, pursuant to Chapter 7, Donations, of Title 7 of the Village Code, pay to the Village a fee-in-lieu of parkland donation in an amount equal to the positive difference between (a) a parkland donation fee equal to \$582,714 and (b) \$98,360 as the value to the Village of the private parkland and open space being provided within the Development in accordance with Exhibit D hereto (collectively, “Private Parkland and Open Space”).

D. No Other Fees, Donations, Dedications or Contributions. The Village shall not require Developer to pay any fees, donate any money, dedicate any land or make any other contributions to the Village or any other unit of local government in connection with or as a result of the subdivision or development of the Subject Property other than as provided for in this Agreement.

Section 11. Master Building Plans / Building Permits / Construction Permits.

A. Master Building Plans. Developer shall have the right to submit a master building plan for each building type to be constructed in the Development, with each master building

plan identified on a site plan with the application for the master building permit for such plan. If the application for such approval is disapproved, the Village shall, upon such disapproval, provide Developer with a statement in writing specifying the reasons for denial, including specification of the requirements that the application and supporting documents fail to meet. Subsequent to the approval of any master building plan as aforesaid, no further submission or approval of building plans shall thereafter be required for the issuance of a building permit for the construction of any building in strict conformance to an approved master building plan. Nothing herein, however, shall be construed as a waiver of the requirement that a building permit be obtained and the appropriate permit fee be paid as required by the Village building code and the Village's Comprehensive Fee Schedule for each building to be constructed on the Subject Property, subject to the terms of this Agreement.

B. Building Permits. No building permits or foundation permits shall be applied for or issued prior to the approval of the Final Plat of Subdivision or the Final Development Plans and the receipt of all required regulatory permits. If such application is disapproved, the Village shall, upon such disapproval, provide Developer with a statement in writing specifying the reasons for denial of the application, including specification of the requirements that the application and supporting documents fail to meet.

C. Foundation Only Permits. Developer may obtain foundation-only permits for all buildings in the Development once the Final Development Plans have been approved by the Village and a security deposit and all connection fees have been furnished to the Village, as required by this Agreement and the Village Code. Developer acknowledges, however, that building permits shall not be issued by the Village, and no framing or superstructure shall be started on buildings for which foundation-only permits have been issued until water mains and

fire hydrants necessary to provide fire protection to that portion of the Development then under development have been constructed, connected to, tested, and approved by the Village, and provision has been made for emergency vehicle access thereto on streets or alternative means of emergency access constructed in accordance with Section 12.A of this Agreement and in a manner reasonably acceptable to the Village and the Lincolnshire-Riverwoods Fire Protection District. In addition, it shall be a requirement for foundation only permits that any lot upon which a foundation is constructed shall be fenced during the winter period and that the foundation cannot remain for more than four (4) months without the commencement of construction activity to construct a building on such foundation.

D. Cold Weather Treatment of Concrete. Upon issuance of a building permit therefor, which issuance shall not be unreasonably withheld by the Village, Developer shall be allowed to pour concrete, including foundations, during winter months and so long as Developer uses methods conforming to American Concrete Institute 306. There shall be no pouring of concrete, however, when the temperature is below 0° Fahrenheit.

E. Commencement of Excavation and Grading Activities and On-Site Street Construction. Upon Village approval of the Preliminary Development Plans, Developer shall have the right to commence (i) mass grading of, and excavation in accordance with the Site Grading Plan of the Preliminary Engineering Plans, and (ii) storm sewer installation for the Development in accordance with the Utility Plan of the Preliminary Engineering Plans, all prior to Village approval of the Final Development Plans provided: (a) such activities are undertaken at the risk of Developer; (b) Developer has received a Lake County Stormwater Management Commission Watershed Development Permit; (c) Developer has received an Illinois Environmental Protection Agency National Pollutant Discharge Elimination System (NPDES)

Permit; and (d) no grading activity takes place in any area designated as (i) a floodplain or (ii) a wetland, until Developer has received the necessary permits therefor.

Section 12. Certificates of Occupancy.

A. Issuance. Subject to Developer's compliance with the provisions of the applicable building permits and Developer filing applications for certificates of occupancy pursuant to Chapter 2 of Title 5 of the Village Code, together with all applicable fees, the Village shall issue certificates of occupancy for dwelling units constructed on the Subject Property, provided all water and sanitary sewer service connections and stormwater management facilities which serve the respective dwelling units are inspected and approved, and, (a) in the case of dwelling units intended by Developer to function as model homes, streets required to serve such model homes are constructed in accordance with the temporary street standard described in Section 7-6-6.C.1 of the Village Code or, (b) in the case of all other dwelling units, streets required to serve such dwelling units are constructed in accordance with the pavement improvement standard through binder course described in Section \_\_\_ of this Agreement and, in each case, inspected and approved. If any application for a certificate of occupancy is disapproved, the Village shall provide a written statement to Developer specifying the reasons for denial of such application including specification of the requirements of law which the application and supporting documents fail to meet. The Village agrees to issue such certificates of occupancy upon Developer's compliance with the requirements of law identified by the Village after the Village's inspection of the applicable dwelling unit. In the event the Village issues a temporary certificate of occupancy for a model home in accordance with item (a) of this Section 12.A, access into the Subject Property shall be limited to Developer's employees, contractors, subcontractors and interior designers until the streets required to serve such model

home are constructed in accordance with the pavement improvement standards through binder course described in Section \_\_\_ of this Agreement.

B. Incomplete Exterior Conditions. Subject to the provisions of this Agreement, temporary certificates of occupancy shall be issued by the Village pursuant to Section 5-2-3-1 of the Village Code for dwelling units for which the landscaping and/or sidewalk paving and final grading improvements have not been completed, subject to the condition subsequent that if a temporary certificate of occupancy is issued for a dwelling unit and Developer fails to complete the aforementioned improvements for such dwelling unit in accordance with the condition(s) upon which such temporary certificate of occupancy was issued, then the Village shall, subject to the provisions of this Agreement, have the right to withhold the issuance of further building permits and certificates of occupancy to Developer until such improvements have been completed in accordance with the condition(s) upon which such temporary certificate of occupancy was issued.

Section 13. Model Homes. For so long as Developer is marketing the sale of units in the Development, it shall have the right to construct and maintain model homes on the Subject Property subject to the provisions of Section 11 and 12 of this Agreement. Developer, in conjunction with the construction of model homes, shall also have the right to construct and maintain a temporary parking lot in accordance with Exhibit E attached hereto and to use constructed model homes as sales offices. Model homes need not be connected to public wastewater and water facilities until such facilities are made available, at Developer's cost, to serve said model homes, provided a temporary certificate of occupancy for such model homes may be issued at the Village's sole discretion, which may include temporary, potable water and sanitary sewer service being made available to and maintained for said model homes. If a

constructed model home complies with the applicable provisions of the Village's building codes in effect as of the date of issuance of the building permit for such model home, then any subsequently adopted amendments to such building codes that impose new requirements on the construction or occupancy of such model home as a residence shall not be applicable to such model home. Before model homes are occupied as residences, they shall be subject to the requirements of Section 12 of this Agreement.

Section 14. Construction Trailers / Hours of Activity / Construction Access.

A. Construction Trailers. Developer, and its contractors and subcontractors, shall have the right to maintain temporary structures (including trailers and similar facilities) and to use said structures for storage of construction materials, supplies and equipment in accordance with Section 5-1-8-7 of the Village Code.

B. Hours of Construction Activity. Developer shall have the right to undertake construction activities on the Subject Property in accordance with Section 5-1-11 of the Village Code.

Section 15. Nature, Survival and Transfer of Obligations. All obligations assumed by Developer under this Agreement shall be binding upon Developer personally, upon any and all of Developer's successors and assigns. To assure that all successors, assigns and successor owners have notice of this Agreement and the obligations created by it, Developer shall deposit with the Village Clerk, contemporaneously with the Acquisition Notice, any consents or other documents necessary to authorize the Village to record this Agreement in the Office of the Lake County Recorder of Deeds. Developer may not assign this Agreement: (i) until Developer is current with its reimbursement of fees account, as described in Section 1-8D-1 of the Village Code, and (ii) unless Developer's assignee files or deposits with the Village Clerk the following:

a. A substitute subdivision improvement deposit equal in value to 125% of the cost of the Public Improvements which have yet to be approved by the Village, substantially in the same form as the deposit presented by Developer;

b. A substitute security deposit equal in value to all of Developer's then existing security deposits required by Section 5-2-5 of the Village Code, substantially in the same form as the deposit presented by Developer;

c. A substitute security deposit equal in value to all of Developer's then existing security deposits required by Section 5-2-3-1 of the Village Code, substantially in the same form as the deposit presented by Developer; and

d. Substitute evidence of the insurance required by Section 7-1-7 of the Village Code.

Only upon the assignee's deposit and the Village's acceptance of the foregoing requirements, which acceptance shall not be unreasonably withheld, shall Developer be relieved from the duties and obligations of this Agreement.

Section 17. No Implied Waiver of Rights. The Parties shall be under no obligation to exercise rights granted to them in this Agreement except as they shall determine to be in their best interest from time to time. Except to the extent embodied in a duly authorized and written waiver of the applicable Parties, no failure to exercise at any time any right granted herein to such Parties shall be construed as a waiver of that or any other right nor shall any waiver of any breach be deemed to constitute a waiver of any subsequent breach whether of the same or different provisions of this Agreement.

Section 18. Time of Essence. Time is of the essence in the performance of all terms and provisions of this Agreement.

Section 19. Consents, Approvals and Cooperation. Whenever the consent, approval or cooperation of either Party, or of any of its employees, consultants, attorneys, agents or representatives, is required to be given or rendered under the provisions of this Agreement or otherwise, the same shall not be unreasonably withheld, delayed or conditioned.

Section 20. Notices. All notices and other communications required or desired to be given pursuant to this Agreement shall be in writing and shall be deemed delivered to the addressee thereof (1) when delivered in person on a business day at the address set forth below, or (2) on the third business day after being deposited in any main or branch United States post office, for delivery by properly addressed, postage prepaid, certified or registered mail, return receipt requested, at the address set forth below.

Notices and communications to the Parties shall be addressed to, and delivered at, the following addresses:

If to the Village:      Village of Lincolnshire  
                                 Attention: Village Manager  
                                 One Olde Half Day Road  
                                 Lincolnshire, IL 60069

With a copy to:      Ancel, Glink, Diamond, Bush, DiCianni & Krafthefer, P.C.  
                                 Attention: Adam B. Simon  
                                 175 Hawthorn Parkway  
                                 Suite 145  
                                 Vernon Hills, IL 60061

If to Owner:            Delaware Place Bank, N.A.  
                                 \_\_\_\_\_  
                                 \_\_\_\_\_

If to Developer:      \_\_\_\_\_  
                                 \_\_\_\_\_  
                                 \_\_\_\_\_  
                                 \_\_\_\_\_

With a copy to: Ash, Anos, Freedman & Logan, L.L.C.  
Attn: Lawrence M. Freedman  
77 W. Washington Street  
Suite 1211  
Chicago, IL 60002

By notice complying with the requirements of this Section, each Party shall have the right to change the addressee, the address of the addressee or both for all future notices and communications to such Party, but no notice of a change of addressee or address shall be effective until actually received.

Section 21. Enforcement. The Parties may, in law or in equity, by suit, action, mandamus or any other proceeding, including without limitation specific performance, enforce or compel the performance of this Agreement. In the event of a judicial proceeding brought by one Party to this Agreement against another Party to this Agreement, the prevailing Party in such judicial proceeding shall be entitled to reimbursement from the unsuccessful Party of all costs and expenses, including reasonable attorneys' fees, incurred in connection with such judicial proceeding.

Section 22. Authority to Execute. The Parties hereby acknowledge and agree that all required notices, meetings and hearings have been properly given and held by the Village with respect to the approval of this Agreement and agree not to challenge this Agreement or any of the obligations created by it on the grounds of any procedural infirmity or any denial of any procedural right. The Parties hereby warrant and represent that the persons executing this Agreement on their respective behalf have been properly authorized to do so.

Section 23. Amendments and Waivers. Unless otherwise permitted by the provisions of this Agreement, no modification, addition, deletion, revision, alteration or other change to this Agreement shall be effective unless and until such change is reduced to writing and executed and

delivered by the Parties pursuant to all applicable statutory procedures. Notwithstanding the foregoing, from and after the date Developer, or its nominee, acquires title to the Subject Property, amendments to this Agreement and any petitions to amend the Special Use, Preliminary Development Plans or Final Development Plans need only be executed by Developer and need not be consented to or executed by Owner or any owner of a lot within the Development.

Section 24. No Third Party Beneficiaries. No claim as a third party beneficiary under this Agreement by any person, firm or corporation shall be made, or be valid, against the Village, Owner or Developer.

Section 25. Exhibits. All exhibits to this Agreement are incorporated herein by this reference thereto and are enforceable provisions of this Agreement.

Section 26. Term. The Agreement, shall be binding upon the Parties, as provided therein, for twenty years from the date hereof; provided nothing herein shall be construed to modify any approved zoning ordinances solely by reason of the expiration of the Agreement.

Section 27. Counterparts. This Agreement may be executed in two or more counterparts and all of which, when taken together, shall constitute one and the same instrument.

**IN WITNESS WHEREOF**, the Parties have executed this Agreement as of the dates set forth below their respective signatures, to be effective as of the Effective Date of this Agreement.

**[SIGNATURE PAGE FOLLOWS]**

**VILLAGE OF LINCOLNSHIRE**

By: \_\_\_\_\_  
Elizabeth J. Brandt, Mayor

ATTEST:

By: \_\_\_\_\_  
Barbara Mastandrea, Village Clerk

Date: \_\_\_\_\_

**DELAWARE PLACE BANK, N.A.**

By: \_\_\_\_\_

Date: \_\_\_\_\_

**KZF STACK LLC, AN ILLINOIS LIMITED LIABILITY COMPANY**

By: \_\_\_\_\_

Date: \_\_\_\_\_

## **INDEX OF EXHIBITS**

**Exhibit A** – Legal Description of the Subject Property

**Exhibit B** – Preliminary Development Plans

**Exhibit C** – Improvement Agreement

**Exhibit D** – Private Parkland and Open Space

**Exhibit E** – Temporary Parking Lot

**Exhibit A**

Legal Description of the Subject Property

**Exhibit B**  
Preliminary Development Plans

**Exhibit C**  
Improvement Agreement

**Exhibit D**

**Value of Private Parkland and Open Space**

1. A neighborhood park of approximately .8 acres in area improved with a gazebo, fire pit, benches, recreational path, and landscaping.
2. A neighborhood park of approximately 1.19 acres with a fishing lake, overlooks, benches, recreational paths, and exercise stations, and landscaping.

Estimated Improvement Costs for which the Developer shall Receive a Credit:

1. Gazebo	\$ 75,000.00
2. Benches	\$ 1,000.00
3. Recreational Paths	\$ 22,360.00
Total:	\$ 98,360.00

**Exhibit E**  
Temporary Parking Lot

4833-5086-6488, v. 6

**VILLAGE OF LINCOLNSHIRE  
LAKE COUNTY, ILLINOIS**

**ORDINANCE NO. \_\_\_\_\_**

**AN ORDINANCE APPROVING  
AN ANNEXATION AGREEMENT  
(Lincolnshire Trails)**

WHEREAS, Delaware Place Bank, N.A. (“Owner”) is the owner of certain real estate legally described as set forth in Exhibit “A”, consisting of approximately 19.707 acres of property (the “Subject Property”); and

WHEREAS, KZF Stack, LLC (“Developer”) has entered into a contract with Owner to purchase the Subject Property and intends to develop the Subject Property with a 44-unit attached single-family residential townhome community under the name “Lincolnshire Trails” (the “Development”) (Developer and Owner are sometimes collectively referred to herein as “Petitioner”);

WHEREAS, the Subject Property is not at this time within the corporate limits of any municipality; and

WHEREAS, the Owner and Developer are desirous of annexing the Subject Property to the Village; and

WHEREAS, the Petitioner has filed a voluntary annexation petition and annexation plat, which annexation petition states that there are no electors residing within the Subject Property; and

WHEREAS, the parties wish to enter into a binding agreement with respect to annexation, zoning and other related matters, pursuant to the authority and provisions of 65 ILCS 5/7-1-1 *et seq.* and 65 ILCS 5/11-15.1-1 *et seq.* of the Illinois Municipal Code, the Village’s home rule powers; and,

WHEREAS, pursuant to Title 6 of the Village Code, Developer submitted to the Village an Application for Village Board consideration seeking to rezone the Subject Property, upon annexation, from the R-1 Single Family Residence District to the R-4 Single Family Attached Residence District (the “Rezoning Application”); and

WHEREAS, pursuant to Title 6 of the Village Code, Developer submitted to the Village an Application for Village Board consideration seeking (a) a special use for a planned unit development and preliminary planned unit development plan approval with related conditions and exceptions from the Village Code to allow the Development on the Subject Property (the “Special Use”), all in accordance with the Preliminary Development Plans (collectively, the “PUD Application”); and

WHEREAS, pursuant to the above referenced sections of the Illinois Compiled Statutes, and Title 6 of the Village Code, and notice published on September 23, 2016 in the Daily Herald, all public hearings, as required by law, have been held by the Village Board on the Rezoning Application and PUD Application in order to permit the Subject Property, upon annexation, to be developed as hereinafter provided; and

WHEREAS, pursuant to the above referenced sections of the Illinois Compiled Statutes, a proposed annexation agreement in substance and in form the same as this Agreement was submitted to the Mayor and Board of Trustees of the Village (the “Corporate Authorities”) and a public hearing was held on October 10, 2016, pursuant to notice published on September 23, 2016 in the Daily Herald, as provided by statute; and

WHEREAS, the Corporate Authorities, after due and careful considerations, have concluded that the annexation of the Subject Property to the Village and development of the Subject Property in substantial conformance to the Preliminary Development Plans, will promote the sound planning and development of the Village as a balanced community, increase the taxable value of property within

the Village, properly and beneficially extend the corporate limits and jurisdiction of the Village, enable the Village to control the development of the area, and otherwise promote the proper growth and general welfare while serving the planning objectives of the Village; and

WHEREAS, the Corporate Authorities, after due and careful considerations, have concluded that the annexation of the Subject Property to the Village on the terms and conditions set forth in the attached Annexation Agreement will promote the sound planning and development of the Village as a balanced community, increase the taxable value of property within the Village, properly and beneficially extend the corporate limits and jurisdiction of the Village, enable the Village to control the development of the area, and otherwise promote the proper growth and general welfare while serving the planning objectives of the Village.

NOW, THEREFORE, BE IT ORDAINED by the Mayor and Board of Trustees of the Village of Lincolnshire, in exercise of its home rule authority, as follows:

**Section 1:** Recitals. All of the foregoing recitals are incorporated as though fully set forth herein and the facts described herein are adopted by the Corporate Authorities.

**Section 2:** Annexation Agreement. The Corporate Authorities hereby approve, by not less than a 2/3 majority, the Annexation Agreement attached hereto as Exhibit "A" and incorporated by reference, and direct the Mayor, Clerk, Village Manager and Village Attorney to execute said Agreement and perform all acts necessary and convenient to comply with the terms described therein.

**Section 3:** Recording. The Village Clerk is hereby directed to record or cause to be recorded the Annexation Agreement with the Lake County Recorder of Deeds upon its complete execution by the Owner, Developer and the Village.

**Section 4:** All ordinances or parts of ordinances in conflict with the provisions of this Ordinance are hereby repealed to the extent of such conflict.

**Section 5:** Any person violating the terms and conditions of this Ordinance shall be subject to a penalty not exceeding Five Hundred Dollars (\$500.00) with each and every day that the violation of the Ordinance is allowed to remain in effect being deemed a complete and separate offense. In addition, the appropriate authorities of the Village may take such other action as they deem proper to enforce the terms and conditions of this Ordinance, including, without limitation, an action in equity to compel compliance with its terms. Any person violating the terms of this Ordinance be subject, in addition to the foregoing penalties, to the payment of court costs and reasonable attorneys' fees. This section shall not apply to the Village of Lincolnshire, its officials, agents or employees.

**Section 6:** The premises shall be made available for inspection by any department of the Village at all reasonable times for compliance with this Ordinance and any other laws or regulations.

**Section 7:** This Ordinance shall be in full force and effect from and after its passage, approval and publication in pamphlet form as provided by law. Provided, however, that this Ordinance shall not take effect until a true and correct copy of this Ordinance is executed by the Owners of the Subject Property or such other parties in interest consenting to and agreeing to be bound by the terms and conditions contained within this Ordinance. Such execution shall take place within sixty (60) days after the passage and approval of this Ordinance or within such extension of time as may be granted by the Corporate Authorities by motion.

**PASSED** this \_\_\_ day of \_\_\_\_\_, 2016, by the Corporate Authorities of the Village of Lincolnshire, on a roll call vote as follows:

**AYES:**

**NAYS:**

**ABSENT:**

**APPROVED** this \_\_\_ day of \_\_\_\_\_, 2016.

**APPROVED:**

---

Elizabeth J. Brandt, Mayor

**ATTEST:**

---

Barbara Mastandrea, Village Clerk

ACKNOWLEDGED and ACCEPTED  
this \_\_\_ day of \_\_\_\_\_, 2016.

**DELAWARE PLACE BANK, N.A.**

---

ACKNOWLEDGED and ACCEPTED  
this \_\_\_ day of \_\_\_\_\_, 2016.

**KZF Stack LLC**

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**EXHIBIT "A"**

**LEGAL DESCRIPTION**

**EXHIBIT “B”**

**ANNEXATION AGREEMENT**

**VILLAGE OF LINCOLNSHIRE  
LAKE COUNTY, ILLINOIS**

**ORDINANCE NO. \_\_\_\_\_**

**AN ORDINANCE APPROVING  
THE ANNEXATION OF CERTAIN TERRITORY  
(Lincolnshire Trails)**

WHEREAS, the Village of Lincolnshire is an Illinois home rule municipal corporation, with the powers and authority granted in the Constitution and Laws of the State of Illinois; and

WHEREAS, Delaware Place Bank, N.A. (“Owner”) is the owner of certain real estate legally described herein, consisting of approximately 19.707 acres of property (the “Subject Property”); and

WHEREAS, KZF Stack, LLC (“Developer”) has entered into a contract with Owner to purchase the Subject Property and intends to develop the Subject Property with a 44-unit attached single-family residential townhome community under the name “Lincolnshire Trails” (the “Development”) (Developer and Owner are sometimes collectively referred to herein as “Petitioner”);

WHEREAS, the Subject Property is not at this time within the corporate limits of any municipality; and

WHEREAS, the Owner and Developer are desirous of annexing the Subject Property to the Village; and

WHEREAS, the Petitioner has filed a voluntary annexation petition and annexation plat, which annexation petition states that there are no electors residing within the Subject Property; and

WHEREAS, all legal notices regarding the intention of the Village to annex said territory have been sent to all public bodies required to receive such notice by state statute; and

WHEREAS, a proposed annexation agreement in substance and in form the same as this Agreement was submitted to the Mayor and Board of Trustees of the Village (the “Corporate Authorities”) and a public hearing was held on October 10, 2016, pursuant to notice published on September 23, 2016 in the Daily Herald, as provided by statute; and

WHEREAS, the Village, Owner and Developer have heretofore approved an Annexation Agreement by Ordinance \_\_\_\_\_ (the “Annexation Agreement”), wherein the Village agreed to annex the Subject Property; and

WHEREAS, the Corporate Authorities, after due and careful considerations, have concluded that the annexation of the Subject Property to the Village and development of the Subject Property in substantial conformance to the Annexation Agreement, will promote the sound planning and development of the Village as a balanced community, increase the taxable value of property within the Village, properly and beneficially extend the corporate limits and jurisdiction of the Village, enable the Village to control the development of the area, and otherwise promote the proper growth and general welfare while serving the planning objectives of the Village.

NOW, THEREFORE, BE IT ORDAINED by the Mayor and Board of Trustees of the Village of Lincolnshire, in exercise of its home rule authority, as follows:

**Section 1:** Recitals. All of the foregoing recitals are incorporated as though fully set forth herein and the facts described herein are adopted by the Corporate Authorities.

**Section 2.** The following described territory, as depicted on the plat of annexation attached hereto as Exhibit “A” and made a part of this ordinance, is hereby annexed to the Village of Lincolnshire, Lake County, Illinois:

P.I.N.

Section 3. The Village Clerk is hereby directed to record with the Recorder of Deeds and file with the County Clerk a certified copy of this Ordinance, together with the accurate map of the territory annexed so appended to this Ordinance.

Section 4. This Ordinance shall be in full force and effect from and after its passage, approval and publication in pamphlet form as provided by law.

**PASSED** this \_\_\_\_\_ day of \_\_\_\_\_, 2016, by the Corporate Authorities of the Village of Lincolnshire, on a roll call vote as follows:

**AYES:**

**NAYS:**

**ABSENT:**

**APPROVED** this \_\_\_ day of \_\_\_\_\_, 2016.

**APPROVED:**

\_\_\_\_\_  
Elizabeth J. Brandt, Mayor

**ATTEST:**

\_\_\_\_\_  
Barbara Mastandrea, Village Clerk

**EXHIBIT "A"**

**PLAT OF ANNEXATION**

**VILLAGE OF LINCOLNSHIRE  
LAKE COUNTY, ILLINOIS**

**ORDINANCE NO. 16-\_\_\_\_\_**

**AN ORDINANCE REZONING CERTAIN PROPERTY,  
GRANTING A SPECIAL USE FOR A PLANNED UNIT DEVELOPMENT AND  
APPROVING THE PRELIMINARY DEVELOPMENT PLAN AND PRELIMINARY  
PLAT OF SUBDIVISION FOR AN  
ATTACHED SINGLE-FAMILY RESIDENTIAL TOWNHOME COMMUNITY**

WHEREAS, Delaware Place Bank, N.A. (“Owner”) is the owner of certain real estate legally described as set forth in Exhibit “A”, consisting of approximately 19.707 acres of property (the “Subject Property”); and

WHEREAS, KZF Stack, LLC (“Developer”) has entered into a contract with Owner to purchase the Subject Property and intends to develop the Subject Property with a 44-unit attached single-family residential townhome community under the name “Lincolnshire Trails” (the “Development”) (Developer and Owner are sometimes collectively referred to herein as “Petitioner”); and

WHEREAS, pursuant to Title 6 of the Village Code, Developer submitted to the Village an Application for Village Board consideration seeking to rezone the Subject Property, upon annexation, from the R-1 Single Family Residence District to the R-4 Single Family Attached Residence District (the “Rezoning Application”); and

WHEREAS, pursuant to Title 6 of the Village Code, Developer submitted to the Village an Application for Village Board consideration seeking (a) a special use for a planned unit development and preliminary planned unit development plan approval with related conditions and exceptions from the Village Code to allow the Development on the Subject Property (the “Special Use”), all in accordance with the Preliminary Development Plans (collectively, the “PUD Application”); and

WHEREAS, pursuant to the above referenced sections of the Illinois Compiled Statutes, and Title 6 of the Village Code, and notice published on September 23, 2016 in the Daily Herald, all public hearings, as required by law, have been held by the Village Board on the Rezoning Application and PUD Application in order to permit the Subject Property, upon annexation, to be developed as hereinafter provided; and

WHEREAS, pursuant to 65 ILCS 5/11-15.1-1 *et seq.* of the Illinois Municipal Code and the Village's home rule powers, an annexation agreement was submitted to the Mayor and Board of Trustees of the Village (the "Corporate Authorities") and a public hearing was held on October 10, 2016, pursuant to notice published on September 23, 2016 in the Daily Herald, as provided by statute; and

WHEREAS, the Village, Owner and Developer have heretofore approved an Annexation Agreement by Ordinance \_\_\_\_\_ (the "Annexation Agreement"), wherein the Village agreed to approve the Rezoning Application and PUD Application, subject to the terms and conditions described in that Annexation Agreement; and

WHEREAS, the Corporate Authorities, after due and careful considerations, have concluded that the annexation of the Subject Property to the Village and development of the Subject Property in substantial conformance to the Preliminary Development Plans, will promote the sound planning and development of the Village as a balanced community, increase the taxable value of property within the Village, properly and beneficially extend the corporate limits and jurisdiction of the Village, enable the Village to control the development of the area, and otherwise promote the proper growth and general welfare while serving the planning objectives of the Village; and

WHEREAS, the Corporate Authorities duly considered the \_\_\_\_\_, 2016, recommendation of the Village's Architectural Review Board in connection with the Development and further duly considered the terms and provisions of the Annexation Agreement; and

WHEREAS, the Corporate Authorities conclude the rezoning of the Subject Property and the proposed development of the Development in accordance with the PUD Application and the Preliminary Development Plans will be beneficial to the Village, will not be detrimental to the Village's Comprehensive Plan or the spirit and intent of the Lincolnshire Zoning Code (the "Zoning Code") or the Lincolnshire Subdivision Code (the "Subdivision Code") and will otherwise enhance and promote the general welfare of the Village and the health, safety and welfare of the residents of the Village.

NOW, THEREFORE, BE IT ORDAINED by the Mayor and Board of Trustees of the Village of Lincolnshire, in exercise of its home rule authority, as follows:

Section 1. Recitals.

A. The Corporate Authorities hereby confirm the truth and validity of the representations and recitations set forth in the foregoing recitals and do further acknowledge that they are material to this Ordinance. Such recitals are hereby incorporated into and made a part of this Ordinance as though they were fully set forth herein. The Corporate Authorities further intend that this Ordinance shall be liberally construed so that the purpose and intent represented by the recitals shall be accomplished to the greatest extent permitted by law.

B. The findings of fact of the Applicant, attached hereto as Exhibit B, are herein incorporated by reference as the findings of this Board to the same effect as if fully recited herein at length. All references in the findings are made the references of the Mayor and Board of Trustees of the Village of Lincolnshire.

Section 2. Condition Precedent. The rights, privileges and authority granted by this Ordinance are contingent upon, and shall not become effective, unless and until the Village receives the Acquisition Notice prior to the termination of the Annexation Agreement in the manner described in Section 2 of the Annexation Agreement, as such terms are defined therein. In the event the Village terminates the Annexation Agreement before it receives the Acquisition Notice in the manner described in Section 2 of the Annexation Agreement, this Ordinance shall be null and void *ab initio*.

Section 3. Rezoning. The Subject Property is hereby rezoned from the R-1 Single Family Residence Zoning District to the R-4 Single Family Attached Residence Zoning District. The Mayor and Board of Trustees hereby direct the Zoning Administrator to cause the official zoning map of the Village to be so amended.

Section 4. Development. The Corporate Authorities hereby grant the Subject Property, in the Village's R-4 Single-Family Attached Residence District, a special use for a planned unit development, subject to the following conditions or exceptions from the Village Code:

- A. The minimum distance between buildings shall be 20 feet, in lieu of required 24 feet; and
- B. All roads on the Subject Property will be private.

Section 5. Approval of Preliminary Development Plans. The following plan documents comprising Group Exhibit C, attached hereto and made a part hereof by reference, are hereby approved as the Preliminary Development Plan in accordance with Section 6-14-12-E of the Village Code, and all standards, requirements, designs or specifications in such exhibits shall be binding on The Subject Property and considered conditions of approval; provided, that approval of the attached exhibits is conceptual only and, except to the extent permitted by the Annexation Agreement, does not authorize construction of any site or building improvements, nor does it exempt future site or building improvements on the Subject Property from complying with the applicable Village approval and permitting process:

- A. Site plans, dated \_\_\_ and last revised \_\_\_\_\_;
- B. Preliminary plat of subdivision, dated \_\_\_ and last revised \_\_\_\_\_;
- C. Landscape plans, building elevations, dated \_\_\_ and last revised \_\_\_\_\_;
- D. Building material and colors, dated \_\_\_ and last revised \_\_\_\_\_;
- E. Floor plans, dated \_\_\_ and last revised \_\_\_\_\_;
- F. Preliminary engineering plans, dated \_\_\_ and last revised \_\_\_\_\_ (the "Preliminary Engineering Plans");
- G. Photometric lighting plan, dated \_\_\_ and last revised \_\_\_\_\_, and

H. Site amenities and other plans.

Section 6. Consents. By signing the acknowledgement and accepting the terms and conditions of this Ordinance, Petitioner knowingly and voluntarily waives, for itself and its successors and assigns, any and all claims against the Village, its elected and appointed officers, employees and agents, of whatever kind, nature and amount, resulting from the limitations on the development of the Subject Property applied by this Ordinance. Notwithstanding the foregoing, nothing in this Ordinance shall be deemed to waive the ability for Petitioner, or its successors and assigns, to petition the Village, from time to time, for other and further zoning and subdivision approvals.

Section 7. Superseding Effect. The specific terms and conditions of this Ordinance shall prevail against other existing ordinances of the Village to the extent of any conflicts. Except for the foregoing limitation and subject to the terms of the Annexation Agreement, the development of the Subject Property remains subject to all terms and conditions of Applicable Codes and Ordinances of the Village of Lincolnshire including, without limitation, zoning ordinances, building codes, subdivision regulations and regulations concerning the construction and design of public improvements.

Section 8. Penalties. Any person violating the terms and conditions of this Ordinance shall be subject to a penalty not exceeding Five Hundred Dollars (\$500.00) with each and every day that the violation of the Ordinance is allowed to remain in effect being deemed a complete and separate offense. In addition, the appropriate authorities of the Village may take such other action as they deem proper to enforce the terms and conditions of this Ordinance, including, without limitation, an action in equity to compel compliance with its terms. Any person violating the terms of this Ordinance shall be subject, in addition to the foregoing penalties, to

the payment of court costs and reasonable attorneys' fees. This section shall not apply to the Village of Lincolnshire, its officials, agents or employees.

Section 9. Enforcement. The Subject Property shall be made available for inspection by any department of the Village at all reasonable times for compliance with this Ordinance and any other applicable laws or regulations.

Section 10. Effective Date; Assent. Subject to the contingency described in Section 2, this Ordinance shall be in full force and effect from and after its passage, approval and publication in pamphlet form as provided by law, provided, however, that this Ordinance shall not take effect until a true and correct copy of this Ordinance is executed by Owner and Developer, or such other parties in interest as the Village may reasonably identify, consenting to and agreeing to be bound by the terms and conditions of this Ordinance. Delivery to the Village of a copy of this Ordinance, as so executed, shall take place not later than sixty (60) days after the passage and approval of this Ordinance by the Corporate Authorities or within such extension of time as may be granted by the Corporate Authorities by motion.

PASSED this \_\_\_\_th day of \_\_\_\_\_, 2016, by the Corporate Authorities of the Village of Lincolnshire on a roll call vote as follows:

AYES:

NAYS:

ABSTAIN:

ABSENT:

APPROVED this \_\_\_\_th day of \_\_\_\_\_, 2016.

---

Elizabeth J. Brandt, Mayor

ATTEST:

---

Barbara Mastandrea, Village Clerk

Published by me in pamphlet form  
this \_\_\_\_ day of \_\_\_\_\_, 2016.

ACKNOWLEDGED and ACCEPTED  
this \_\_\_ day of \_\_\_\_\_, 2016.

**DELAWARE PLACE BANK, N.A.**

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ACKNOWLEDGED and ACCEPTED  
this \_\_\_ day of \_\_\_\_\_, 2016.

**KZF Stack LLC**

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**EXHIBIT A**

**LEGAL DESCRIPTION OF THE SUBJECT PROPERTY**

**EXHIBIT B**

**FINDINGS OF FACT**

**GROUP EXHIBIT C**  
**PRELIMINARY DEVELOPMENT PLAN**

4821-3559-2228, v. 1

**LINCOLNSHIRE TRAILS**  
**REZONING FINDINGS OF FACT**

**1. Existing uses of property and existing physical, social or economic conditions within the general area of the property in question.**

The subject property is vacant and undeveloped, and despite proposals in the past, the property has never been developed because of physical problems on the site with respect to flood plain and flood way, as well as extensive offsite improvement and recapture costs.

**2. The zoning classification of property within the general area of the property in question.**

The zoning classifications of properties within the general area of the subject property are for residential uses other than single family attached, such as the Rivershire development to the north and the recently approved Camberley Club subdivision to the west. Camberley Club is classified under the R-4 single family attached residence district as is proposed by Applicant.

**3. The suitability of the property in question to the uses permitted under the existing zoning classification.**

Upon annexation, the subject property will be initially zoned, as a matter of law, to the R-1 zoning classification, which provides for single family development with a minimum lot area of 80,000 square feet, which is not suitable for the proposed development of the subject property as proposed by Applicant as proposed by Applicant as proposed by Applicant.

**4. The trend of development, if any, in the general area of the property in question, including changes, if any, which have taken place in its present zoning classification.**

The trend of development in the area is best typified by the recently approved Camberley Club development, which provides for the development of single family attached residences pursuant to a special use for planned development with similar development standards to that which are proposed by Applicant.

**5. The impact upon the objectives of the official Comprehensive Policies Plan of the Village, as amended.**

The comprehensive plan recommends cluster residential development for the subject property which is compatible with the use proposed by Applicant.

**FINDINGS OF FACT FOR PLANNED UNIT DEVELOPMENT  
FOR LINCOLNSHIRE TRAILS**

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**1. The proposed plan is consistent with the stated purpose of the planned unit development regulations.**

As stated in Section 16-14-12 of the Village Zoning Ordinance, the purpose of a planned unit development is to provide a special mechanism to accommodate development which is in the public interest, and would not otherwise be permitted under the code. In conjunction therewith, it is anticipated that planned unit developments would offer one or more of a number of advantages, many of which are offered by Applicant's proposed plan. The proposed design reflects the historic open character of single family areas of the Village, by providing significant open space, in excess of 12 acres, which serves to enhance the appearance of the neighborhood by conserving areas of natural beauty and natural green spaces. The proposed architectural designs promote compatible architecture between adjacent buildings throughout the development while providing sufficient variations to avoid monotony.

**2. The proposed plan meets the requirements and standards of the planned unit development regulations.**

The gross minimum area for planned unit developments of 3 acres is far exceeded. The intentions of the planned unit development chapter are addressed by the proposed plan by providing clustering of proposed townhome residences, thereby providing a choice in the type of environment available to the public by allowing development which would not be possible under the standard residential zoning classifications. Significant open space is being provided, including a private park with a gazebo, fire pit, benches, recreational paths, a fishing lake, exercise stations, and bicycle paths.

**3. The proposed plan departs from the zoning and subdivision regulations otherwise applicable to the subject property, including but not limited to, the density, dimensions, area, bulk, use, required improvement, construction and design standards and the reasons why such departures are deemed to be in the public interest.**

In order to maximize the open space which is being provided, and to allow the proposed 44 cluster townhome unit to be esthetically and functionally developed, departures from the zoning and subdivision regulations otherwise applicable, such as front yard setbacks along the internal private roadway, setback distances between buildings, and setbacks from Riverside Road are required, and have been designed in a manner which is compatible with similar departures in other planned unit developments, such as the Camberley Club development immediately to the west of the subject property.

- 4. The public benefit produced by the planned unit development outweighs the increased burden(s) on public services and infrastructure. Any specific beneficial actions, plans or programs agreed to in the planned unit development proposal which are clearly beyond the minimum requirements of the Zoning Code shall be specifically listed as evidence of justified bulk premiums and/or use exception.**

The development will provide for improving Riverside Road to Village standards, including elevating the road to remove it from the flood plain, and providing sufficient detention for the road, along with the construction of sanitary sewer, storm sewer, water mains, and related structures, providing significant public benefit to the Village.

- 5. The physical design of the proposed plan makes adequate provisions for public services, provides adequate control over vehicular traffic, provides for and protects designated common open space, and further the amenities of light and air, recreation and visual enjoyment.**

The improving of Riverside Drive, to provide appropriate ingress and egress and control traffic, as well as the approximately 12 acres of open space being provided along with recreational improvements to portions thereof, further the amenities of light and air, recreational and visual enjoyment.

- 6. The beneficial relationship and compatibility of the proposed plan to the adjacent properties and neighborhood.**

The most significant adjacent neighboring property is the Camberley Club development, which is similarly zoned to that proposed by Applicant. The proposed development will extend Riverside Road to connect to a portion of the road constructed as part of Camberley Club, which clearly evidences the beneficial relationship and compatibility of the subject property to the adjacent properties and to the neighborhood.

- 7. The desirability of the proposed plan to the Village's physical development, tax base and economic well-being.**

The subject property, as proposed to be developed, will provide for increased real estate taxes, and the significant impact fees being paid to school districts, the library district, and for parks, will benefit the tax base and contribute to the economic well-being of the Village and other taxing bodies.

- 8. The conformity with the recommendations of the Official Comprehensive Plan, as amended, and all other official plans and planning policies of the Village.**

The comprehensive plan recommends cluster residential development for the subject property which is compatible with the proposal of Applicant.

Prepared by:

Lawrence M. Freedman  
Ash, Anos, Freedman & Logan, L.L.C.  
77 W. Washington Street  
Suite 1211  
Chicago, IL 60602

11. Except as expressly permitted in Subsection B, temporary signs shall not be attached to fences, trees, utility poles, permanent ground signs or the like and shall not be placed in a position that will obstruct or impair vision or traffic or in any way or manner create a hazard or disturbance to the health and welfare of the general public.
12. Any violation of the conditions and restrictions of this section, including failure to procure a valid permit for erected signage, shall result in the loss of forty-five (45) days from the annual maximum duration for a temporary promotional sign permit. Should the violation occur after forty-five (45) days have been utilized in a calendar year, then the loss of forty-five (45) days shall apply to the next calendar year.
13. Temporary signs not immediately removed after the conclusion of the advertised event shall be subject to the provisions of Section 12-10-1.

## **B. Regulations by Temporary Sign Type**

Temporary signs must comply with the regulations contained in Paragraph A (General Regulations for all Temporary Signs) above and the following:

### **1. Project Announcement Signs**

One (1) Project Announcement sign made of wood with an overall height of seven (7) feet located twenty (20) feet from the edge of pavement and twenty (20) feet from an adjacent property line shall be permitted for residential subdivisions and non-residential developments. Project Announcement signs shall be professionally designed and painted in natural colors compatible with the primary structure on the property or adjacent property. One (1) two-sided sign per development frontage may be displayed. Project Announcement sign(s) must be immediately removed upon the issuance of the first certificate of occupancy or if construction is suspended for a period exceeding one hundred and eighty (180) calendar days.

- a. In the Residential Sign District one (1) project sign no more than sixteen (16) square feet in surface area for a development of less than five (5) acres.
- b. In the Residential Sign District one (1) project sign no more than thirty-two (32) square feet in surface area for a development of more than five (5) acres.
- c. In the Downtown, Corridor Commercial, and Office/Industrial Sign Districts, one (1) project sign no more than sixteen (16) square feet in surface area for lots less than or equal to two (2) acres.
- d. In the Downtown, Corridor Commercial, and Office/Industrial Sign Districts, one (1) project sign no more than fifty (50) square feet in surface area for lots greater than two (2) acres.

### **2. Construction Signs**

One (1) Construction sign made of wood no more than twenty (20) square feet, with an overall height of six (6) feet, located fifteen (15) feet from the edge of pavement and fifteen (15) feet from an adjacent property line shall be permitted for residential subdivisions and non-residential developments. Construction signs may be located on the nearest reasonable adjacent off-premises property, provided construction work prohibits locating the sign on the property for which the sign is identifying. Construction

**REQUEST FOR BOARD ACTION**  
**Committee of the Whole**  
**October 10, 2016**

<b>Subject:</b>	Lincolnshire Trails Townhome Subdivision, 14600 Riverside Road
<b>Action Requested:</b>	<p><b>3.14 Public Hearing</b> regarding a Rezoning from R1 Single-Family to R4 Single-Family Attached Residence District.</p> <p><b>3.15 Public Hearing</b> regarding a Special Use for a Planned Unit Development.</p> <p><b>3.16 Public Hearing</b> regarding an Annexation Agreement.</p> <p>3.17 Consideration of a Preliminary Plat of Subdivision and Preliminary Development Plans.</p>
<b>Petitioner:</b>	KZF Development/Stack Real Estate
<b>Originated By/Contact:</b>	Tonya Zozulya, Economic Development Coordinator Department of Community & Economic Development
<b>Advisory Board Review:</b>	Architectural Review Board

**Background:**

- KZF Development/Stack Real Estate, the petitioner and contract purchaser of the 14600 Riverside Road property, requests approval the following: (1) A rezoning from R1 Single-Family to R4 Single-Family Attached Residence District; (2) A Special Use for a Planned Unit Development (PUD); (3) Annexation Agreement to annex the property into the Village of Lincolnshire; and (4) Preliminary Plat of Subdivision and Preliminary Development Plans.
- The subject property (19.71 acres) at 14600 Riverside Road is located in unincorporated Lake County, along the north side of Riverside Road, immediately east of the Rivershire residential community. Due to floodway on the property, the developable area of the parcel is approximately 6.8 acres.
- The property has been subject to a variety of past annexation and development proposals. Most recently, a six-lot, single-family residential subdivision known as "Riverside Estates" was approved in 2007. The approved subdivision was not developed, and the site remains in its existing vacant condition.
- On April 13, 2015, the developer presented their plan to develop a 52-unit townhome community on the subject property. After several meetings before the Village Board, on July 27, 2015, the Village Board completed their preliminary evaluation and referred the project to the ARB for design review. At the time of referral to the ARB, the number of units was reduced from the original 52 townhomes to 44. During the referral discussion in July of 2015, some Village Board members expressed a desire for a further reduction in units, to a total of 40. However, the petitioner expressed their preference to move forward with their 44 unit proposal.
- On January 19 and February 16, 2016, the ARB held design review meetings and provided a unanimous favorable recommendation for approval of 44 units with the following conditions:
  1. Revise the entrance fence material from PVC to Cedar.
  2. Replace the proposed Crab Apple trees with any Appendix A trees of a comparable caliper inch value.
  3. Extend the landscape screening along Riverside Drive west of the western subdivision entrance, in line with the edge of Building # 1-4.

4. Reduce the height of the subdivision entrance sign to 8.5' tall, incorporate colors from the approved building palette and add decorative sign elements to enhance the sign appearance.
5. Revise the landscape plans as follows:
  - a. Relocate some of the proposed evergreens from the rear of Building #27-30 to the following three locations: between Building #7-10 & Building #5-6 and between Building #5-6, behind Building #5-6 and between Building #5-6 and Building #1-4. Replace the relocated evergreens with deciduous trees in the same locations.
  - b. Replace a group of Spirea plants along the side of 2-unit buildings with 3-4 yews or other evergreen bushes.

The petitioner has addressed the above ARB conditions in the current proposal.

**Public Hearings regarding a Rezoning from R1 Single-Family to R4 Single-Family Attached Residence District & Special Use for a Planned Unit Development:**

- The petitioner seeks a rezoning and a Special Use for a Planned Unit Development to construct a 44-unit townhome community comprised of 2 and 4-unit buildings. All zoning and PUD requirements have been met except those listed under “Requested Code Exceptions” on Page 3 below.
- The petitioner submitted the attached responses to rezoning and Special Use standards. The Village Board must find each standard has been met in order to approve the rezoning and special use.
- The subdivision is to be served by a private street, Woodlands Trail with two entrances off Riverside Road. An internal pathway system is proposed to connect to the existing Des Plaines River Trail. In addition, the developer is proposing a recreational/bike path on the south side of Riverside Road which will connect a path to be installed by Pulte to the west and the Plaines River Trail.
- Two detention ponds are proposed, per the requirements of Lake County Stormwater Management Commission (SMC). The Village Engineer has approved the preliminary detention layout, in conjunction with SMC’s preliminary report. The townhomes are located outside the floodway.
- The site plan notes Riverside Road will be improved to the eastern side of the residential driveway at the Boznos family residence and a portion of Riverside Road east of the Boznos driveway will be patched and/or resurfaced.
- There are three material/color palettes proposed to be used in an alternating pattern to avoid monotony, as shown in the plans (a material/color sample board will be available at the meeting). Predominant building materials include stone, hardie board siding and shingle roofs.
- Per the attached tree survey submitted by the petitioner, approximately 200 caliper inches of “significant” (Appendix A) trees are slated for removal and approximately 5,000 caliper inches of “non-significant” (Non-Appendix A) trees are to be removed. The Petitioner proposes approximately 350 caliper replacement inches of new Appendix A trees, consisting of deciduous and evergreen trees in accordance with Village code requirements. Note the majority of “non-significant” trees such as locusts, elms and crab apples are not required to be replaced as they are considered invasive or non-desirable.
- Landscaping is distributed throughout the site adjacent to buildings, in the parkway, in open areas, adjacent to detention basins, and along Riverside Drive.

- A free-standing, 8.5' tall single-pole wooden sign identifying the name of the subdivision is proposed for the western subdivision entrance (see attached rendering).
- The developer proposes street light poles at the subdivision entrances; bollard lights along the paths and adjacent to the overlook; lights mounted on home exteriors; mailbox kiosk lights, and a gazebo light (see attached photos and specifications). Proposed lighting meets Village Code requirements.
- Proposed site amenities include pathways, benches and a gazebo. Full specifications and cut sheets will be provided to staff and the Village Board during review and approval of Final Development plans for the proposed PUD.

**Public Hearing regarding an Annexation Agreement:**

Attached is a draft annexation agreement provided by the petitioner. The agreement requests a number of code exceptions, described below, as well as a request for a park donation credit. **Staff does not support Exceptions #2, 3, 6, 7 and 9 described below.**

**Requested Code Exceptions:**

1. *Reduction of the minimum side yard building setbacks to 10'.*  
Code Section 6-5C-5 requires the minimum required side yard setback is 12' in the R4 District.  
Staff supports this request given a PUD design and existing townhome developments.
2. *Initiation of site work and improvements prior to Final Plat and Final Development Plans approval.*  
Section 7-4-5 states no building permits shall be issued prior to final plat approval and recording.  
**Staff does not support** this request. No schedule for construction has been provided to support this request. Given the size of the proposed site and outstanding permitting issues with Lake County Storm Water Management Commission (SMC), too many uncertainties exist with the final detailed design to allow construction prior to the completion of all of the required improvements. Riverside Road has a one-lane bridge that needs to be improved prior to the road being made available for access by the public. Winter maintenance would also be an issue as the Village is obligated to clear snow and ice from Riverside Road.
3. *Construction of model homes prior to completion of improvements.*  
Section 7-6-4-1-D requires all underground improvements be completed prior to any surface improvements.  
**Staff does not support** this request for the same reason as #2 above.
4. *Reduction in Riverside Road right-of-way width.*  
Section 7-5-2.B requires a 50' ROW dedication as opposed to the 33' dedication being proposed.  
Staff supports the reduction given Riverside Road will not be extended or widened.
5. *Reduction of minimum curb radii.*  
Section 7-6-3.A.2.d requires a 25 foot curb radii, 20 feet is being proposed.  
Staff supports the request given emergency vehicle turning templates demonstrate sufficient maneuvering room.

6. *Installation of non-code-compliant pavement.*  
Section 7-6-3.B requires 12" aggregate subgrade and 3" of bituminous material.  
**Staff does not support** this request as subdivision residents will be financially responsible for the roadway maintenance.
7. *Installation of non-code-compliant curb and gutter.*  
Section 7-6-3.B.7 requires barrier curb where mountable curb is being proposed.  
**Staff does not support** this request as curb appearance is not a valid reason for code departure.
8. *Waiver of utility offset location prior to utility installation.*  
Section 7-6-4-2.G and Section 7-6-4-4.J require sanitary sewer and watermain to be 5' off of the right-of-way where there is no roadway right of way being proposed in the subdivision because all streets are private and utilities will be in outlots that the Village has a right to access.  
Staff supports this request as the proposed utility locations on the preliminary engineering plans have been reviewed and Village staff comments have been addressed.
9. *Installation of an off-premises subdivision marketing sign.*  
Section 12-11-1 prohibits off-premise signs of all types.  
**Staff does not support** this request as we have not previously permitted off-premise signs in the Village. The developer will have other ways to market the development.
10. *Installation of an 8.5' single-post subdivision entrance sign.*  
Section 12-9-1 does not allow for single-post ground signs and limits sign height to 5.5' depending on the sign type.  
Staff supports this request as the sign is scaled appropriately and fits in with the subdivision design.

**Development Donations:**

- The petitioner has agreed to pay code-required school donations (\$167,219.32) and library donations (\$16,400) in full. They also agreed to pay all school, library and park donations at the Final Plat approval, as required by code.
- The petitioner requests a reduction in code-required park donation from \$582,714 to \$381,299 (a \$201,415 or 35% reduction). The developer states the reduction will offset private park improvements they propose to undertake in several areas throughout the development and off-site, along Riverside Road, adjacent to the development. The proposed on-site improvements consist of a gazebo, recreational paths, fencing, benches and landscaping (see attached park donation exhibit) for which the following credit is sought:
  1. The petitioner requests a \$69,255 credit for new trees, bushes and related landscaping. Staff does not support this request as the petitioner confirmed they are part of their code-required replacement for proposed tree removals.
  2. The petitioner also requests a \$30,800 credit for construction of a recreational/bike path along the south side of Riverside Road. Staff does not support this credit as this path would connect to the Riverside Road path to be

constructed by Pulte along the Camberley Club frontage for which Pulte did not seek or receive a credit.

3. The petitioner also requests a \$1,000 credit for construction of a fence adjacent to the east pond. Staff does not support this request as the guardrail fence serves a safety, rather than a recreational, purpose.
- **Staff recommends a park donation credit in the amount of \$98,360 (17% of the total required) be considered by the Village Board. The total park donation due from the developer will be \$484,354, as shown below:**

Staff-Recommended Park Donation Credit Summary	
Code-Required Park Donations	\$582,714
Credit:	
1.Gazebo	\$75,000
2.Internal recreational paths	\$22,360
3.Benches	\$1,000
<b>Total Credit</b>	<b>\$98,360</b>
<b>Total Park Donations After Credit</b>	<b>\$484,354</b>

**Consideration of a Preliminary Plat of Subdivision and Preliminary Development Plans:**

Staff reviewed the Preliminary Plat of Subdivision and Preliminary Development Plans and recommends approval. The petitioner will be required to provide SMC permits at the Final Plat approval, as required by code.

**Recommendation:**

Consideration of a Rezoning, a Special Use for a PUD, an Annexation Agreement and a Preliminary Plat of Subdivision and Preliminary Development Plans for Lincolnshire Trails townhome subdivision, with placement on the October 24, 2016 Consent Agenda for approval.

**Reports and Documents Attached:**

- Location Map, prepared by MGP Consortium.
- Draft Special Use, rezoning and annexation ordinances, prepared by the Village Attorney.
- Presentation Packet, prepared by Manhard Consulting.
- Petition for Annexation and Draft Annexation Agreement, prepared by Lawrence Freedman of Ash, Anos, Freedman & Logan LLC.
- Code-required school, library, and park donations.
- Public Hearing notice address map, prepared by staff.
- January 19, 2016 and February 16, 2016 staff memoranda to the ARB.
- Approved January 19, 2016 and February 16, 2016 ARB meeting minutes.
- July 27, 2015 COW preliminary evaluation meeting minutes.

Meeting History	
Village Board Evaluation (COW)	April 13, 2015
Continued Village Board Evaluation (COW)	May 26, 2015
Continued Village Board Evaluation (COW)	July 13, 2015
Continued Village Board Evaluation (COW)	July 27, 2015
ARB Review (workshop)	January 19, 2016
ARB Review	February 16, 2016

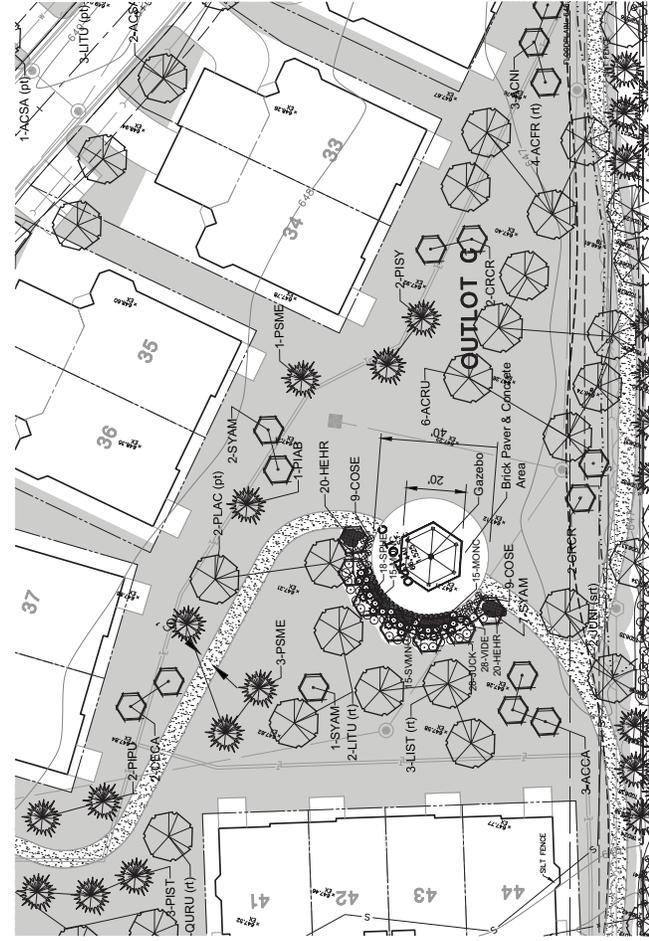






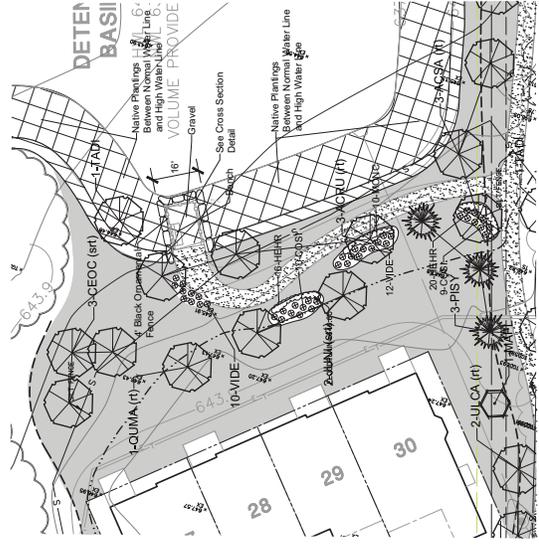






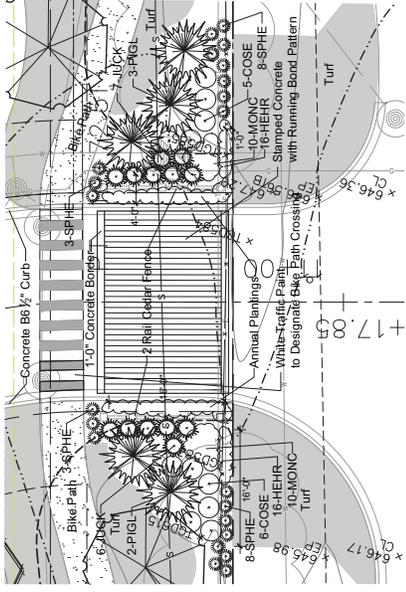
Landscape Plan Detail - Communal Area

Scale: 1" = 20'



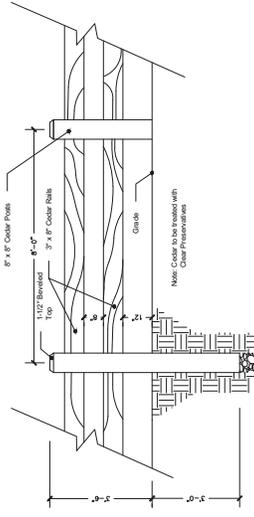
Landscape Plan Detail - Pond Lookout

Scale: 1" = 20'



Landscape Plan Detail - Typical Subdivision Entrance - (East & West Entrances)

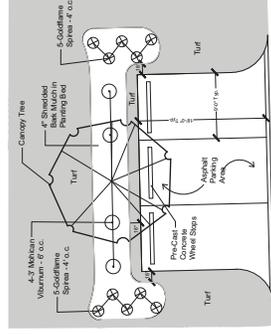
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Entry Fence Detail - (East & West Entrances)

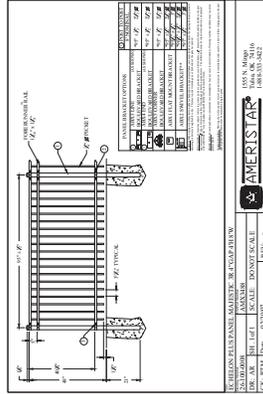
Scale: 1/2" = 1' - 0"

Note: Shrubs Located adjacent to off-street parking meet spacing requirements of Section 13-2-6(A)2



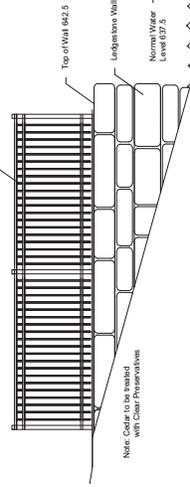
Landscape Plan Detail - Typical On-Street Parking Area

Scale: 1/8" = 1' - 0"



4' Black Ornamental Fence

Scale: N.T.S.



Pond Lookout Cross-Section

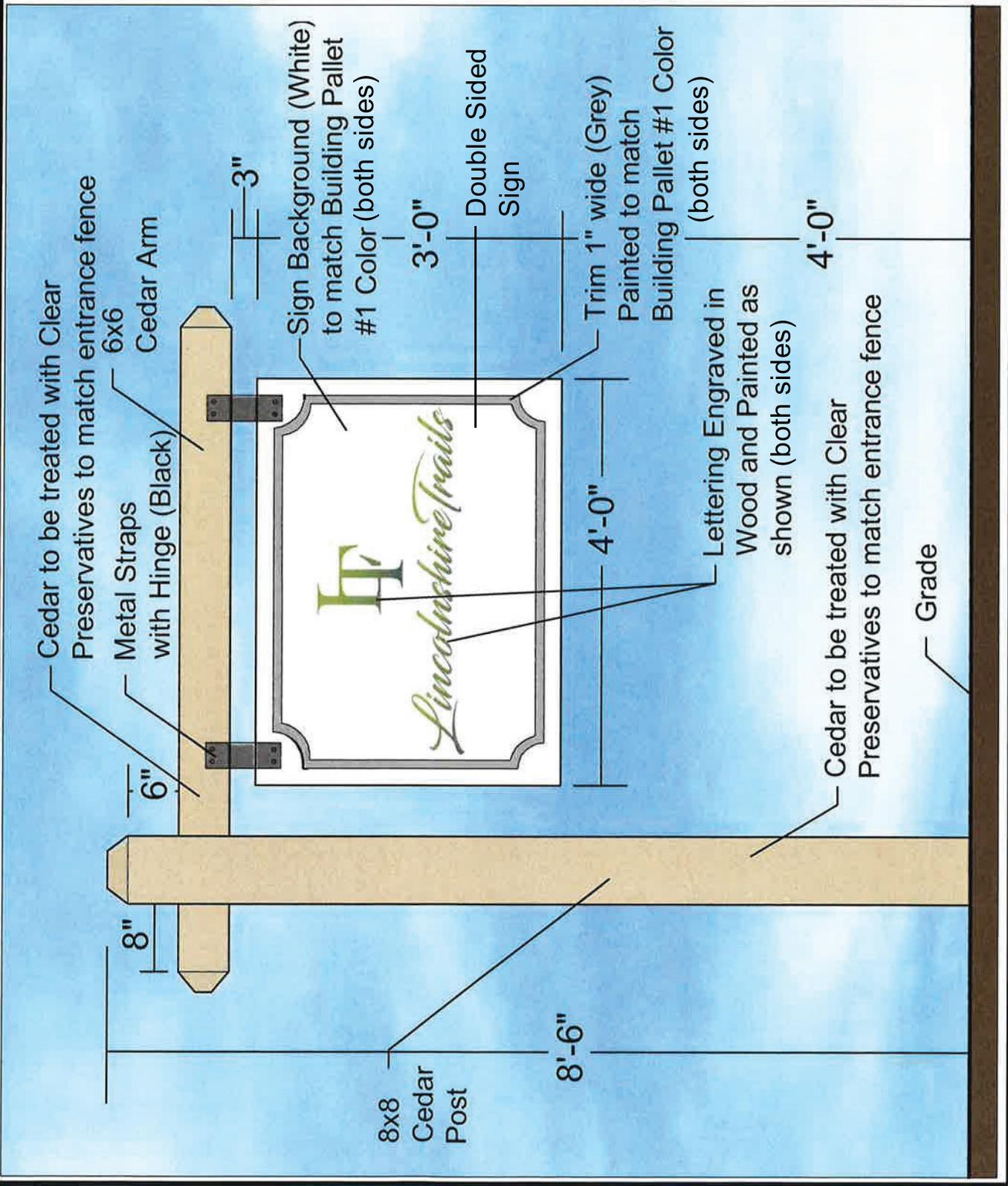
Scale: 1/3" = 1' - 0"



KZF Development	
LINCOLNSHIRE, ILLINOIS	
SIGN DETAIL	
DRAWN BY: JBD	DATE: 9-22-16
SCALE: 3/4" = 1'	REV: 10-4-16
CODE: KZFLN1L01	

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# PATTERNS

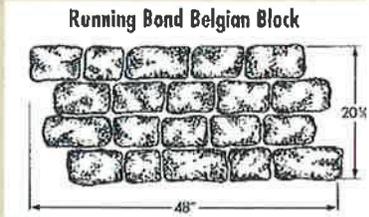
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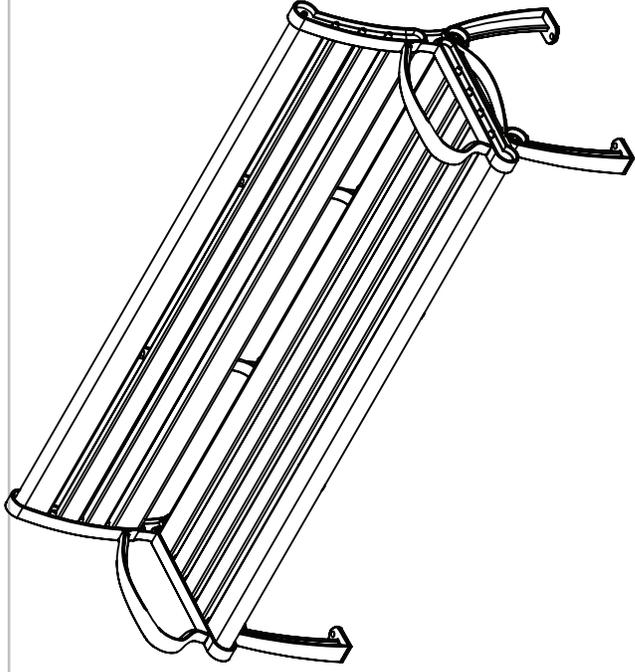
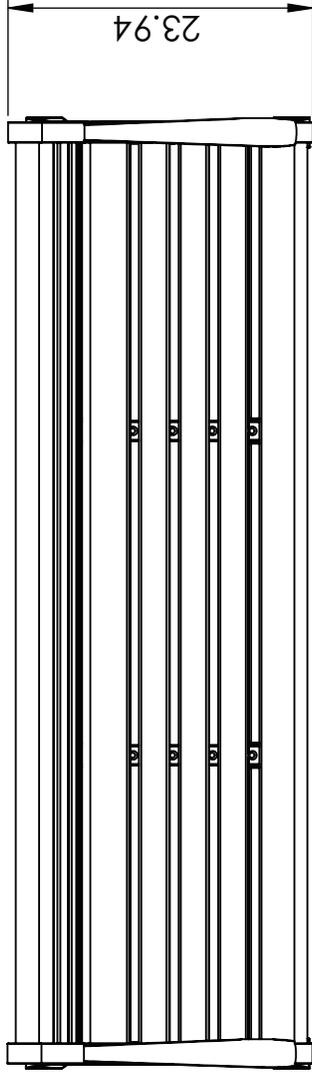


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# BENCH SPECIFICATIONS

## BC1350

**TOP**



74.00

23.45

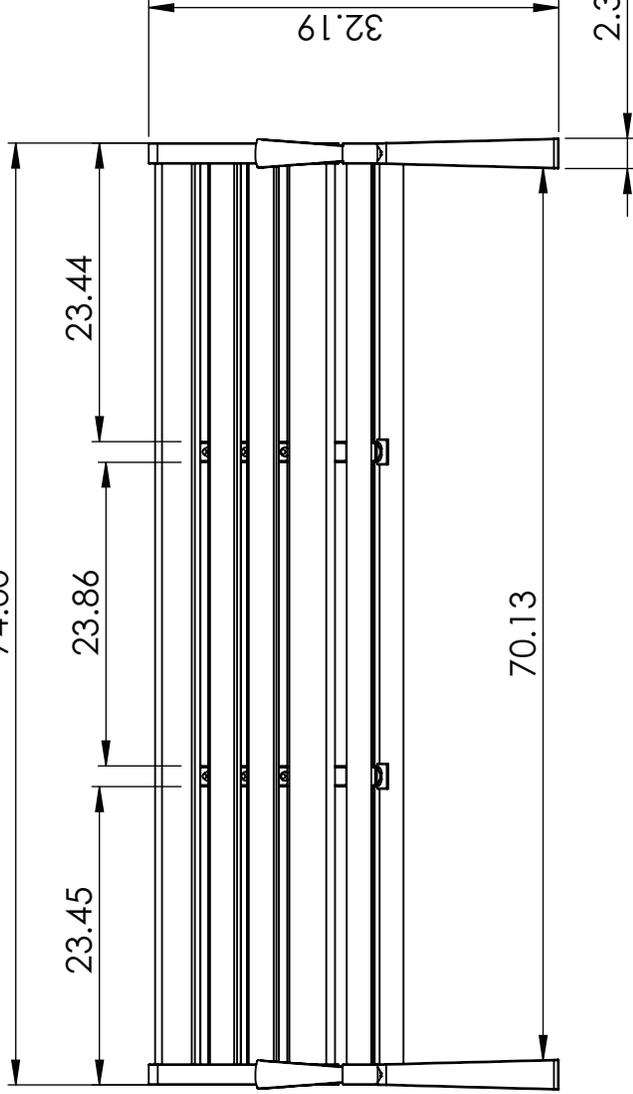
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32.19

70.13

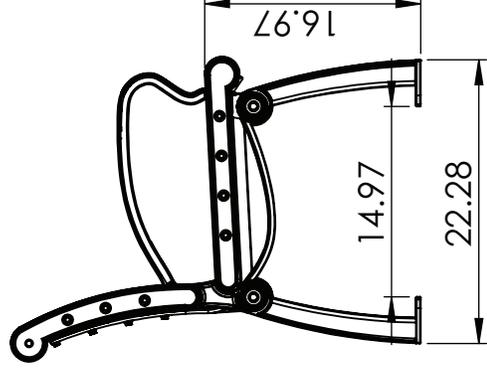
2.37



**FRONT**

**CONSTRUCTION MATERIALS:**  
 Recycled Plastic  
 Cast Aluminum  
**HARDWARE:**  
 Stainless Steel

**SIDE**



ALL DIMENSIONS ARE SHOWN IN INCHES

**BASE SPECIFICATIONS**

Product Type: Gazebo

Style: Octagon

Roof: Shingle

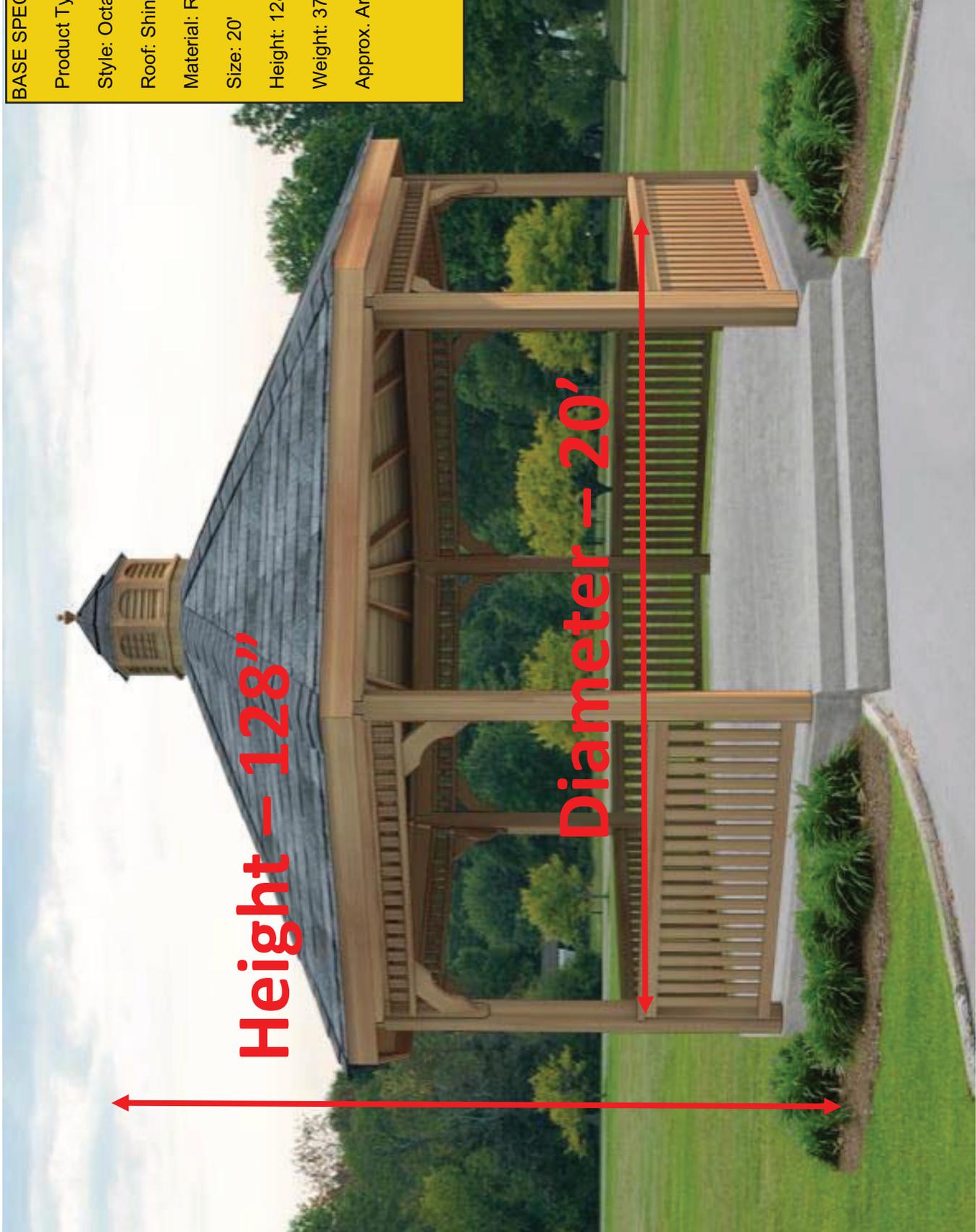
Material: Red Cedar

Size: 20'

Height: 128 in.

Weight: 3768 lbs.

Approx. Area: 331 Sq. Ft.



**Height - 128"**

**Diameter - 20'**



**Bollinger Environmental, Inc.**  
4901 Forest Avenue, Suite C  
Downers Grove, Illinois 60515  
630-968-1960

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January 18, 2016

KZF Stack, LLC  
1945 Techny Road, Suite 6  
Northbrook, Illinois 60062

Attention: Jeff Rothbart

Subject: Professional Tree Survey of the KZF Development - Lincolnshire  
Lincolnshire, Lake County, Illinois.  
(Bollinger Environmental Project Number 137-002-16)

Dear Mr. Rothbart:

As requested on January 5, 6, 11, and 12 Bollinger Environmental, Inc. (BEI) staff identified and tagged trees with a Diameter at Breast Height (DBH) of 6" and greater located in the KZF Development Site study area, Lincolnshire, Lake County, Illinois.

We used common name and scientific name (genus and species) using nomenclature from *Plants of the Chicago Region*, by Swink and Wilhelm (1994). The Tree Inventory Report lists: tag number, common name, scientific name (genus and species), size, condition, form and general comments regarding the quality of the identified trees. Eight hundred and forty-eight trees were identified. Tag numbers ranged from 2001 to 2848, are located generally on the east side of the tree, and were located by Manhard Consulting. Tag numbers from a previous tree survey were recorded and documented with a "T" followed by the tag number within our report.

During the survey, each tree was evaluated and assigned a number rating based on a scale rating from 1 – 5. The following discusses the rating scale in the Condition/Form column of the Tree Inventory Report. These ratings are established and based on general observations at the time of the inventory. A rating of 1 (excellent) will have the highest value in terms of protection or preservation. A rating of 5 (worst) will have the lowest value and quality. For example:

- A. (1 = excellent condition) A rating of 1 would be given to a tree that is excellent in appearance, condition and form, having a well-developed root system, balanced branching and healthy.
- B. (2 = above average) A rating of 2 would be given to a tree that has little to no damage, fairly straight, sound, good shape and form, and is good in overall physical quality.

- C. (3 = typical condition) A rating of 3 would be given to a tree that is average in condition, form, physical state, appearance, and health.
- D. (4 = poor condition) A rating of 4 would be given to a tree that has some deadwood, minor sweep or lean, distorted shape, trunk or bark damage, multi-stems, poor physical quality.
- E. (5 = poor/worst condition) A rating of 5 would be given to a tree with a lot of deadwood, bad sweep or lean, diseased or damaged by insect pests and larvae, lightning damage, split, or other physical damage. This would also be given to a tree that was so damaged death is inevitably close

Please contact me with any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Paul Bollinger". The signature is written in a cursive, flowing style with a prominent loop at the end.

Paul Bollinger, PWS  
President/Ecologist  
BOLLINGER ENVIRONMENTAL, INC.

Tag #	Common Name	Scientific Name	Size	Condition	Form	Comments/Alternate Tag # (T)
2001	Crataegus sp.	Hawthorn species	7	3	4	T130, Lean
2002	Fraxinus pennsylvanica	Green Ash	7	4	4	Topped
2003	Fraxinus pennsylvanica	Green Ash	8	4	4	T681, Dying
2004	Fraxinus pennsylvanica	Green Ash	9	4	4	Lean
2005	Fraxinus pennsylvanica	Green Ash	9	3	3	
2006	Fraxinus pennsylvanica	Green Ash	10	5	5	T674, Topped, Deadwood
2007	Celtis occidentalis	Hackberry	7	3	4	Cut for wires
2008	Celtis occidentalis	Hackberry	10	3	4	Cut for wires
2009	Celtis occidentalis	Hackberry	8	3	4	T672, Cut for wires
2010	Celtis occidentalis	Hackberry	7	3	4	Cut for wires
2011	Celtis occidentalis	Hackberry	17	5	5	Cut for wires, Deadwood
2012	Celtis occidentalis	Hackberry	7	3	4	Cut for wires
2013	Celtis occidentalis	Hackberry	10,10	3	4	Cut for wires
2014	Celtis occidentalis	Hackberry	7	3	4	T667, Cut for wires
2015	Juglans nigra	Black Walnut	6	3	5	Cut for wires
2016	Celtis occidentalis	Hackberry	6	3	5	Cut for wires
2017	Robinia pseudoacacia	Black Locust	20	3	4	T664, Cut for wires
2018	Celtis occidentalis	Hackberry	11	3	4	Cut for wires
2019	Acer negundo	Box Elder	20,18,13	5	5	Deadwood, Dying
2020	Gleditsia triacanthos	Honey Locust	6	3	4	T662, Cut for wires
2021	Acer negundo	Box Elder	7	3	4	Lean
2022	Acer negundo	Box Elder	16	4	4	Deadwood, Lean
2023	Acer negundo	Box Elder	8	4	4	
2024	Robinia pseudoacacia	Black Locust	42	4	4	T659
2025	Robinia pseudoacacia	Black Locust	36	2	2	
2026	Acer negundo	Box Elder	6	3	5	Cut for wires
2027	Robinia pseudoacacia	Black Locust	6	3	3	
2028	Juglans nigra	Black Walnut	6	3	5	Cut for wires
2029	Robinia pseudoacacia	Black Locust	6	4	4	
2030	Robinia pseudoacacia	Black Locust	7	3	3	
2031	Robinia pseudoacacia	Black Locust	13	3	3	
2032	Robinia pseudoacacia	Black Locust	13	3	3	
2033	Pinus strobus	White Pine	6	2	3	
2034	Pinus strobus	White Pine	12	2	2	T769
2035	Pinus strobus	White Pine	7	2	3	
2036	Acer negundo	Box Elder	7	3	4	Lean
2037	Pinus strobus	White Pine	12	2	3	T768
2038	Picea pungens	Blue Spruce	7	2	3	
2039	Picea pungens	Blue Spruce	7	2	3	
2040	Juglans nigra	Black Walnut	11	2	3	
2041	Pinus sylvestris	Scotch Pine	12	3	3	T749
2042	Pinus strobus	White Pine	7	2	3	
2043	Pinus strobus	White Pine	10	5	3	T747, Dying
2044	Pinus strobus	White Pine	6	3	3	Two leaders
2045	Juglans nigra	Black Walnut	18	2	2	
2046	Pinus strobus	White Pine	9	4	3	T719, Deadwood
2047	Acer negundo	Box Elder	8	3	4	Lean
2048	Acer negundo	Box Elder	7	3	4	Lean
2049	Acer negundo	Box Elder	8	3	4	Lean
2050	Acer negundo	Box Elder	12	3	4	
2051	Acer negundo	Box Elder	7	3	4	Lean
2052	Acer negundo	Box Elder	7	3	4	Lean
2053	Acer negundo	Box Elder	6	3	4	Lean
2054	Acer negundo	Box Elder	14	3	4	Lean
2055	Pinus sylvestris	Scotch Pine	13	3	3	T713
2056	Robinia pseudoacacia	Black Locust	13	3	3	
2057	Robinia pseudoacacia	Black Locust	7	4	4	
2058	Robinia pseudoacacia	Black Locust	7	3	3	
2059	Robinia pseudoacacia	Black Locust	7	3	3	
2060	Robinia pseudoacacia	Black Locust	7	3	3	
2061	Robinia pseudoacacia	Black Locust	12,9	3	3	
2062	Acer negundo	Box Elder	6	3	4	Lean
2063	Robinia pseudoacacia	Black Locust	13	3	3	
2064	Robinia pseudoacacia	Black Locust	9	3	3	Two leaders
2065	Robinia pseudoacacia	Black Locust	13	3	3	
2066	Robinia pseudoacacia	Black Locust	7	3	3	T794
2067	Robinia pseudoacacia	Black Locust	13	3	3	
2068	Robinia pseudoacacia	Black Locust	13	3	3	T790
2069	Robinia pseudoacacia	Black Locust	12	3	3	T792

Tag #	Common Name	Scientific Name	Size	Condition	Form	Comments/Alternate Tag # (T)
2070	Robinia pseudoacacia	Black Locust	7	3	3	T793
2071	Robinia pseudoacacia	Black Locust	15	3	3	T789
2072	Robinia pseudoacacia	Black Locust	12	3	3	T788
2073	Robinia pseudoacacia	Black Locust	12	3	3	
2074	Robinia pseudoacacia	Black Locust	11	3	3	
2075	Robinia pseudoacacia	Black Locust	10	3	3	
2076	Robinia pseudoacacia	Black Locust	7	4	3	
2077	Juglans nigra	Black Walnut	9	3	3	
2078	Acer negundo	Box Elder	6	3	4	Lean
2079	Fraxinus americana	White Ash	34	3	2	T802
2080	Robinia pseudoacacia	Black Locust	18	2	2	T801
2081	Thuja occidentalis	White Cedar	6,6	2	2	
2082	Robinia pseudoacacia	Black Locust	35	2	2	T800
2083	Malus sp.	Crab Apple species	10,8,6	3	3	
2084	Robinia pseudoacacia	Black Locust	40	3	3	
2085	Malus sp.	Crab Apple species	9,7	1	2	
2086	Juglans nigra	Black Walnut	7,7,6	2	2	
2087	Populus deltoides	Cottonwood	38,20,14	2	2	T685
2088	Fraxinus pennsylvanica	Green Ash	7,7	3	3	
2089	Acer negundo	Box Elder	9	3	4	Lean
2090	Fraxinus pennsylvanica	Green Ash	9,9	4	4	
2091	Fraxinus pennsylvanica	Green Ash	9,7	4	4	Emerald ash borer
2092	Fraxinus pennsylvanica	Green Ash	10	4	4	Emerald ash borer
2093	Fraxinus pennsylvanica	Green Ash	8	4	4	Emerald ash borer
2094	Acer negundo	Box Elder	6	3	4	Lean
2095	Fraxinus pennsylvanica	Green Ash	8	4	4	Emerald ash borer
2096	Fraxinus pennsylvanica	Green Ash	8,7	4	4	Emerald ash borer
2097	Fraxinus pennsylvanica	Green Ash	7,6	4	4	Emerald ash borer
2098	Fraxinus pennsylvanica	Green Ash	8	4	4	Emerald ash borer
2099	Acer negundo	Box Elder	6,6,6	3	3	
2100	Juglans nigra	Black Walnut	21	2	2	T799
2101	Celtis occidentalis	Hackberry	18	2	3	T798
2102	Robinia pseudoacacia	Black Locust	14,12	3	3	
2103	Acer negundo	Box Elder	8	3	4	Lean
2104	Acer negundo	Box Elder	20,13	3	4	Lean
2105	Juglans nigra	Black Walnut	11	2	2	
2106	Acer negundo	Box Elder	13,12	3	4	Lean
2107	Acer negundo	Box Elder	26,14,8	4	4	
2108	Robinia pseudoacacia	Black Locust	20,17	3	3	T851
2109	Celtis occidentalis	Hackberry	6	2	3	
2110	Acer negundo	Box Elder	32	3	4	Lean
2111	Acer negundo	Box Elder	6	3	5	Lean
2112	Acer negundo	Box Elder	15,13	4	4	
2113	Fraxinus pennsylvanica	Green Ash	6	4	4	Emerald ash borer
2114	Acer negundo	Box Elder	24,14	4	4	
2115	Acer negundo	Box Elder	27	4	4	
2116	Acer negundo	Box Elder	6	2	3	
2117	Juglans nigra	Black Walnut	8	3	4	
2118	Acer negundo	Box Elder	9	3	3	
2119	Acer negundo	Box Elder	7	3	4	Lean
2120	Acer negundo	Box Elder	24,20,20	3	5	Lean, One trunk on ground
2121	Acer negundo	Box Elder	18	3	4	Lean
2122	Acer negundo	Box Elder	7	3	3	Two leaders
2123	Acer negundo	Box Elder	6	3	4	Lean
2124	Morus alba	White Mulberry	10,7,6	3	3	
2125	Tilia americana	Basswood	20	3	3	T844
2126	Tilia americana	Basswood	20	5	5	Deadwood, Topped
2127	Celtis occidentalis	Hackberry	52	1	1	T843
2128	Acer negundo	Box Elder	26,24	3	3	
2129	Acer negundo	Box Elder	7	3	4	Lean
2130	Acer negundo	Box Elder	27	4	4	Lean, Deadwood
2131	Acer negundo	Box Elder	25	4	4	
2132	Acer negundo	Box Elder	18	4	4	Deadwood
2133	Acer negundo	Box Elder	16,15	3	4	Lean
2134	Acer negundo	Box Elder	15	3	4	Lean
2135	Acer negundo	Box Elder	22	3	4	Lean
2136	Acer negundo	Box Elder	15	3	5	Lean
2137	Acer negundo	Box Elder	20	3	5	Lean
2138	Acer negundo	Box Elder	6	5	5	Deadwood, Dying

Tag #	Common Name	Scientific Name	Size	Condition	Form	Comments/Alternate Tag # (T)
2139	Quercus macrocarpa	Bur Oak	68	2	2	
2140	Acer negundo	Box Elder	11	3	3	
2141	Acer negundo	Box Elder	23	4	4	Trunk growing in old fence
2142	Acer negundo	Box Elder	18	5	5	Deadwood, Dying
2143	Acer negundo	Box Elder	14	3	5	Lean
2144	Acer negundo	Box Elder	13	3	4	Lean
2145	Acer negundo	Box Elder	11,7	3	4	Lean
2146	Quercus macrocarpa	Bur Oak	48	2	2	
2147	Celtis occidentalis	Hackberry	15	1	1	
2148	Robinia pseudoacacia	Black Locust	28	2	3	Two leaders
2149	Robinia pseudoacacia	Black Locust	11	2	2	
2150	Robinia pseudoacacia	Black Locust	7	4	4	Deadwood
2151	Acer negundo	Box Elder	13	2	3	
2152	Juglans nigra	Black Walnut	12	3	3	
2153	Acer negundo	Box Elder	18	3	3	
2154	Acer negundo	Box Elder	40	3	3	
2155	Acer negundo	Box Elder	15,9	4	4	Deadwood, Lean
2156	Acer negundo	Box Elder	13	3	4	Trunk growing in old fence
2157	Acer negundo	Box Elder	30	3	3	Multiple leaders
2158	Juglans nigra	Black Walnut	6	2	2	
2159	Acer rubrum	Red Maple	7	3	3	
2160	Celtis occidentalis	Hackberry	28	1	1	
2161	Acer negundo	Box Elder	7	3	4	Lean
2162	Robinia pseudoacacia	Black Locust	22	2	3	Multiple leaders
2163	Populus deltoides	Cottonwood	9,8	2	2	
2164	Acer negundo	Box Elder	26	3	3	
2165	Fraxinus pennsylvanica	Green Ash	11	3	3	
2166	Ulmus americana	American Elm	10	3	3	
2167	Picea glauca	White Spruce	18	2	2	T812
2168	Picea glauca	White Spruce	18	2	2	T811
2169	Robinia pseudoacacia	Black Locust	38	2	2	T810
2170	Acer negundo	Box Elder	30	4	4	Large broken branch
2171	Juglans nigra	Black Walnut	6	2	3	
2172	Acer negundo	Box Elder	6	2	2	
2173	Acer negundo	Box Elder	13,13	3	3	
2174	Acer negundo	Box Elder	7	3	4	Lean
2175	Acer negundo	Box Elder	7	3	3	
2176	Acer negundo	Box Elder	10	3	3	
2177	Acer negundo	Box Elder	7,7	3	4	Lean
2178	Acer negundo	Box Elder	7,6	3	4	Lean
2179	Acer negundo	Box Elder	6	3	4	Lean
2180	Acer negundo	Box Elder	16	3	3	
2181	Acer negundo	Box Elder	11	3	3	
2182	Acer negundo	Box Elder	13	3	3	
2183	Acer negundo	Box Elder	13,12	3	3	
2184	Robinia pseudoacacia	Black Locust	7	3	3	
2185	Robinia pseudoacacia	Black Locust	13	3	3	
2186	Acer negundo	Box Elder	23	3	3	
2187	Acer negundo	Box Elder	7	3	3	
2188	Acer negundo	Box Elder	9,7	3	4	Lean
2189	Robinia pseudoacacia	Black Locust	13	2	2	
2190	Acer negundo	Box Elder	8	3	4	Lean
2191	Robinia pseudoacacia	Black Locust	49	2	2	
2192	Maclura pomifera	Osage Orange	20	5	5	T658, Deadwood, Dying, Topped
2193	Acer negundo	Box Elder	6	4	5	Deadwood, Cut for wires
2194	Acer negundo	Box Elder	22,16	5	5	Deadwood, Cut for wires
2195	Robinia pseudoacacia	Black Locust	28	3	3	T655
2196	Acer negundo	Box Elder	10	5	5	T803, Deadwood, Topped
2197	Robinia pseudoacacia	Black Locust	18,17	2	3	
2198	Acer negundo	Box Elder	14	5	5	T653, Deadwood, Cut for wires, Lean
2199	Robinia pseudoacacia	Black Locust	24	3	3	T654
2200	Robinia pseudoacacia	Black Locust	11	4	4	T652, Deadwood
2201	Celtis occidentalis	Hackberry	9	2	3	
2202	Maclura pomifera	Osage Orange	20,17	5	5	T650, Deadwood, Dying
2203	Maclura pomifera	Osage Orange	17	5	5	T649, Deadwood, Cut for wires
2204	Acer negundo	Box Elder	16	4	5	T648, Deadwood, Lean
2205	Robinia pseudoacacia	Black Locust	42	3	3	T646
2206	Robinia pseudoacacia	Black Locust	32	3	3	
2207	Robinia pseudoacacia	Black Locust	33	3	3	T644

Tag #	Common Name	Scientific Name	Size	Condition	Form	Comments/Alternate Tag # (T)
2208	Robinia pseudoacacia	Black Locust	38	3	3	T643
2209	Acer negundo	Box Elder	25	3	4	Lean
2210	Robinia pseudoacacia	Black Locust	30	4	4	Deadwood
2211	Acer negundo	Box Elder	8	4	4	T642, Deadwood
2212	Acer negundo	Box Elder	18	4	4	Deadwood, Lean
2213	Acer negundo	Box Elder	9	4	5	T639, Deadwood, Lean
2214	Robinia pseudoacacia	Black Locust	30	3	3	T638, Two leaders
2215	Acer negundo	Box Elder	6	3	4	Lean
2216	Robinia pseudoacacia	Black Locust	20,16	4	4	T637
2217	Robinia pseudoacacia	Black Locust	16	3	3	T636
2218	Robinia pseudoacacia	Black Locust	27	4	4	T635, Deadwood
2219	Celtis occidentalis	Hackberry	33	1	1	T634
2220	Ulmus americana	American Elm	16	2	2	
2221	Maclura pomifera	Osage Orange	25	2	2	T632
2222	Maclura pomifera	Osage Orange	19	3	3	T631
2223	Maclura pomifera	Osage Orange	31	3	4	T630
2224	Robinia pseudoacacia	Black Locust	42	2	2	T629
2225	Acer negundo	Box Elder	6	4	4	
2226	Robinia pseudoacacia	Black Locust	10	3	3	T626
2227	Robinia pseudoacacia	Black Locust	17,14	3	3	T625
2228	Acer negundo	Box Elder	21	5	5	Deadwood, Lean, Trunk broken
2229	Robinia pseudoacacia	Black Locust	16,14	3	3	
2230	Robinia pseudoacacia	Black Locust	8	4	4	Deadwood, Lean
2231	Robinia pseudoacacia	Black Locust	24	2	2	T623
2232	Acer negundo	Box Elder	22	3	4	T622, Lean
2233	Robinia pseudoacacia	Black Locust	16	2	3	T621
2234	Populus deltoides	Cottonwood	6	2	2	
2235	Maclura pomifera	Osage Orange	27	4	4	T576
2236	Maclura pomifera	Osage Orange	44	2	2	T577
2237	Malus sp.	Crab Apple species	6	4	4	
2238	Acer negundo	Box Elder	12	3	4	T620, Lean
2239	Maclura pomifera	Osage Orange	40	3	3	T578
2240	Acer negundo	Box Elder	14	4	4	T619, Deadwood, Lean
2241	Acer negundo	Box Elder	17	4	4	T579, Deadwood, Lean
2242	Celtis occidentalis	Hackberry	23	2	2	T580
2243	Maclura pomifera	Osage Orange	23	5	4	T581, Deadwood, Dying
2244	Acer negundo	Box Elder	15,8	5	5	T617, Almost dead
2245	Acer negundo	Box Elder	6	3	4	Lean
2246	Acer negundo	Box Elder	15	4	5	T616, Deadwood, Topped
2247	Maclura pomifera	Osage Orange	27	3	2	T582
2248	Acer negundo	Box Elder	11	5	5	T615, Deadwood
2249	Maclura pomifera	Osage Orange	27	3	3	T589
2250	Acer negundo	Box Elder	7	4	4	Deadwood, Lean
2251	Ulmus americana	American Elm	9	3	4	
2252	Robinia pseudoacacia	Black Locust	24,18	4	4	Deadwood
2253	Robinia pseudoacacia	Black Locust	18,15,11	3	3	T587
2254	Robinia pseudoacacia	Black Locust	10	3	3	T588
2255	Celtis occidentalis	Hackberry	9	1	2	
2256	Robinia pseudoacacia	Black Locust	13,9	3	3	Trunk growing in chain
2257	Robinia pseudoacacia	Black Locust	7	3	3	
2258	Robinia pseudoacacia	Black Locust	18	3	3	
2259	Robinia pseudoacacia	Black Locust	15	3	3	
2260	Robinia pseudoacacia	Black Locust	17	3	3	Three leaders
2261	Juglans nigra	Black Walnut	36	3	3	T595
2262	Ulmus americana	American Elm	12	3	3	Two leaders
2263	Juglans nigra	Black Walnut	20	2	2	T597
2264	Celtis occidentalis	Hackberry	12	1	1	
2265	Acer negundo	Box Elder	16	4	5	T613, Deadwood, Lean
2266	Celtis occidentalis	Hackberry	6	2	3	
2267	Juglans nigra	Black Walnut	8	2	3	
2268	Juglans nigra	Black Walnut	8	2	3	
2269	Celtis occidentalis	Hackberry	9	2	2	
2270	Juglans nigra	Black Walnut	9	2	2	
2271	Celtis occidentalis	Hackberry	6	2	3	
2272	Acer negundo	Box Elder	10	5	5	Deadwood, Dying, Lean
2273	Acer negundo	Box Elder	16	5	5	Deadwood, Dying, Lean
2274	Acer negundo	Box Elder	15	5	5	T603, Deadwood, Dying, Lean
2275	Acer negundo	Box Elder	18	4	4	T610, Deadwood, Lean
2276	Acer negundo	Box Elder	20	3	4	

Tag #	Common Name	Scientific Name	Size	Condition	Form	Comments/Alternate Tag # (T)
2277	Aesculus glabra	Ohio Buckeye	6	2	3	
2278	Juglans nigra	Black Walnut	7	2	3	
2279	Acer negundo	Box Elder	11	4	4	Deadwood, Lean
2280	Fraxinus pennsylvanica	Green Ash	15,15	4	4	T605, Emerald ash borer
2281	Celtis occidentalis	Hackberry	19	2	2	
2282	Acer saccharum	Sugar Maple	8	2	2	
2283	Juglans nigra	Black Walnut	16	2	2	
2284	Fraxinus pennsylvanica	Green Ash	9	4	4	Emerald ash borer
2285	Acer negundo	Box Elder	7	3	4	Lean
2286	Ulmus americana	American Elm	6	3	3	
2287	Morus alba	White Mulberry	12,12	3	3	
2288	Fraxinus americana	White Ash	46	3	3	
2289	Celtis occidentalis	Hackberry	6	2	3	
2290	Acer negundo	Box Elder	8	3	3	
2291	Acer negundo	Box Elder	9,9	3	3	
2292	Acer negundo	Box Elder	8	3	3	
2293	Juglans nigra	Black Walnut	6	2	2	
2294	Juglans nigra	Black Walnut	6	2	3	
2295	Juglans nigra	Black Walnut	6	2	3	
2296	Quercus macrocarpa	Bur Oak	8	2	2	
2297	Celtis occidentalis	Hackberry	27	1	1	T225
2298	Robinia pseudoacacia	Black Locust	13,7	3	3	
2299	Acer negundo	Box Elder	14,12	3	3	
2300	Robinia pseudoacacia	Black Locust	8	3	3	
2301	Robinia pseudoacacia	Black Locust	13,10,7	3	3	
2302	Robinia pseudoacacia	Black Locust	8	3	3	
2303	Robinia pseudoacacia	Black Locust	8	3	3	
2304	Robinia pseudoacacia	Black Locust	15,12	3	3	
2305	Robinia pseudoacacia	Black Locust	9	3	3	
2306	Robinia pseudoacacia	Black Locust	13	3	3	
2307	Robinia pseudoacacia	Black Locust	6	3	3	
2308	Robinia pseudoacacia	Black Locust	6	5	5	Deadwood
2309	Robinia pseudoacacia	Black Locust	14	3	3	
2310	Robinia pseudoacacia	Black Locust	14,12	3	3	
2311	Robinia pseudoacacia	Black Locust	17	3	3	
2312	Robinia pseudoacacia	Black Locust	8	3	3	
2313	Robinia pseudoacacia	Black Locust	10	3	3	
2314	Fraxinus pennsylvanica	Green Ash	25	4	4	Emerald ash borer
2315	Acer negundo	Box Elder	8,8,8	3	3	
2316	Juglans nigra	Black Walnut	8	2	2	
2317	Acer negundo	Box Elder	8,7	2	3	
2318	Acer negundo	Box Elder	6	3	3	
2319	Acer negundo	Box Elder	6	3	3	
2320	Acer negundo	Box Elder	7,6	3	3	
2321	Juglans nigra	Black Walnut	10	2	2	
2322	Acer negundo	Box Elder	6	2	3	
2323	Acer negundo	Box Elder	16	4	4	Two leaders with one broken
2324	Acer negundo	Box Elder	15	2	2	
2325	Robinia pseudoacacia	Black Locust	8	3	3	
2326	Robinia pseudoacacia	Black Locust	8	3	3	
2327	Robinia pseudoacacia	Black Locust	7	3	3	
2328	Robinia pseudoacacia	Black Locust	8	3	3	
2329	Robinia pseudoacacia	Black Locust	8	3	3	
2330	Robinia pseudoacacia	Black Locust	8	3	3	
2331	Robinia pseudoacacia	Black Locust	8	3	3	
2332	Robinia pseudoacacia	Black Locust	8	3	3	
2333	Robinia pseudoacacia	Black Locust	7	3	3	
2334	Robinia pseudoacacia	Black Locust	6	3	3	
2335	Robinia pseudoacacia	Black Locust	10	3	3	
2336	Robinia pseudoacacia	Black Locust	6	3	3	
2337	Robinia pseudoacacia	Black Locust	6	2	3	
2338	Robinia pseudoacacia	Black Locust	7	2	3	
2339	Robinia pseudoacacia	Black Locust	6	2	3	
2340	Robinia pseudoacacia	Black Locust	7	3	3	
2341	Robinia pseudoacacia	Black Locust	6	3	3	
2342	Robinia pseudoacacia	Black Locust	6	3	3	
2343	Robinia pseudoacacia	Black Locust	6	3	3	
2344	Robinia pseudoacacia	Black Locust	6	3	3	
2345	Robinia pseudoacacia	Black Locust	7	3	3	

Tag #	Common Name	Scientific Name	Size	Condition	Form	Comments/Alternate Tag # (T)
2346	Robinia pseudoacacia	Black Locust	7	3	3	
2347	Robinia pseudoacacia	Black Locust	6	3	3	
2348	Robinia pseudoacacia	Black Locust	6	3	3	
2349	Robinia pseudoacacia	Black Locust	6	3	3	
2350	Robinia pseudoacacia	Black Locust	7,7	3	3	
2351	Robinia pseudoacacia	Black Locust	6	3	3	
2352	Populus deltoides	Cottonwood	6	3	3	
2353	Robinia pseudoacacia	Black Locust	7	3	3	
2354	Robinia pseudoacacia	Black Locust	11	3	3	
2355	Robinia pseudoacacia	Black Locust	8	3	3	
2356	Robinia pseudoacacia	Black Locust	8	3	3	
2357	Robinia pseudoacacia	Black Locust	7	3	3	
2358	Robinia pseudoacacia	Black Locust	6	3	3	
2359	Robinia pseudoacacia	Black Locust	8,6	3	3	
2360	Robinia pseudoacacia	Black Locust	6	2	3	
2361	Populus deltoides	Cottonwood	7	2	3	
2362	Populus deltoides	Cottonwood	6,6,6	2	3	
2363	Ulmus pumila	Siberian Elm	6	2	3	
2364	Robinia pseudoacacia	Black Locust	16,15	2	3	
2365	Robinia pseudoacacia	Black Locust	6	2	2	
2366	Robinia pseudoacacia	Black Locust	7	2	2	
2367	Robinia pseudoacacia	Black Locust	8	2	2	
2368	Populus deltoides	Cottonwood	8	2	2	
2369	Robinia pseudoacacia	Black Locust	7,7	2	2	
2370	Robinia pseudoacacia	Black Locust	15	2	3	
2371	Robinia pseudoacacia	Black Locust	10,8	2	3	
2372	Populus deltoides	Cottonwood	9	2	2	Two leaders
2373	Populus deltoides	Cottonwood	6	2	2	
2374	Populus deltoides	Cottonwood	7	2	2	
2375	Populus deltoides	Cottonwood	6	2	3	Two leaders
2376	Populus deltoides	Cottonwood	7	2	3	
2377	Populus deltoides	Cottonwood	8	2	3	
2378	Populus deltoides	Cottonwood	6	2	3	
2379	Populus deltoides	Cottonwood	8	2	3	Two leaders
2380	Populus deltoides	Cottonwood	6	3	3	
2381	Populus deltoides	Cottonwood	6	2	3	
2382	Populus deltoides	Cottonwood	6	3	3	
2383	Populus deltoides	Cottonwood	7	3	3	
2384	Populus deltoides	Cottonwood	7	3	2	
2385	Populus deltoides	Cottonwood	7	2	2	
2386	Populus deltoides	Cottonwood	7	2	2	Two leaders
2387	Populus deltoides	Cottonwood	7	2	2	
2388	Populus deltoides	Cottonwood	6,6	2	2	
2389	Populus deltoides	Cottonwood	7	2	2	
2390	Robinia pseudoacacia	Black Locust	12,8	2	2	
2391	Robinia pseudoacacia	Black Locust	6	2	3	
2392	Populus deltoides	Cottonwood	7	2	3	
2393	Robinia pseudoacacia	Black Locust	6	4	3	Deadwood
2394	Populus deltoides	Cottonwood	6	2	3	
2395	Populus deltoides	Cottonwood	6	2	3	Two leaders
2396	Populus deltoides	Cottonwood	6	2	3	
2397	Populus deltoides	Cottonwood	6	2	3	
2398	Populus deltoides	Cottonwood	6	2	3	
2399	Populus deltoides	Cottonwood	6	2	3	
2400	Populus deltoides	Cottonwood	6	2	3	
2401	Populus deltoides	Cottonwood	6	2	3	
2402	Populus deltoides	Cottonwood	7	2	3	
2403	Populus deltoides	Cottonwood	7	2	3	
2404	Populus deltoides	Cottonwood	7	2	3	
2405	Populus deltoides	Cottonwood	6,6	2	3	
2406	Populus deltoides	Cottonwood	7	2	3	
2407	Populus deltoides	Cottonwood	6	2	3	
2408	Populus deltoides	Cottonwood	8	2	3	
2409	Populus deltoides	Cottonwood	9	2	3	
2410	Populus deltoides	Cottonwood	6	2	3	
2411	Populus deltoides	Cottonwood	10	2	3	
2412	Populus deltoides	Cottonwood	8	2	3	
2413	Acer negundo	Box Elder	6	2	3	
2414	Populus deltoides	Cottonwood	8	2	3	

Tag #	Common Name	Scientific Name	Size	Condition	Form	Comments/Alternate Tag # (T)
2415	Populus deltoides	Cottonwood	6	2	3	
2416	Populus deltoides	Cottonwood	6	2	3	
2417	Populus deltoides	Cottonwood	6	3	3	
2418	Populus deltoides	Cottonwood	8	2	3	
2419	Populus deltoides	Cottonwood	7	2	3	
2420	Populus deltoides	Cottonwood	6	2	3	
2421	Populus deltoides	Cottonwood	6	3	3	
2422	Populus deltoides	Cottonwood	6	2	3	
2423	Populus deltoides	Cottonwood	7	3	3	
2424	Populus deltoides	Cottonwood	7	2	3	
2425	Populus deltoides	Cottonwood	6	2	3	
2426	Populus deltoides	Cottonwood	6	2	3	
2427	Populus deltoides	Cottonwood	7	2	3	Two leaders
2428	Populus deltoides	Cottonwood	6	2	3	
2429	Robinia pseudoacacia	Black Locust	7	2	3	
2430	Populus deltoides	Cottonwood	6	2	3	
2431	Populus deltoides	Cottonwood	7	2	3	
2432	Populus deltoides	Cottonwood	7	2	3	
2433	Populus deltoides	Cottonwood	9	2	3	
2434	Populus deltoides	Cottonwood	6	2	3	
2435	Robinia pseudoacacia	Black Locust	10	4	3	Deadwood
2436	Populus deltoides	Cottonwood	7	2	3	
2437	Robinia pseudoacacia	Black Locust	7	2	3	
2438	Populus deltoides	Cottonwood	9	2	3	
2439	Populus deltoides	Cottonwood	7	2	3	
2440	Populus deltoides	Cottonwood	6	2	3	
2441	Populus deltoides	Cottonwood	6	2	3	
2442	Populus deltoides	Cottonwood	7	2	3	
2443	Populus deltoides	Cottonwood	6	2	3	
2444	Populus deltoides	Cottonwood	6	2	3	
2445	Populus deltoides	Cottonwood	6	2	3	
2446	Populus deltoides	Cottonwood	8	2	3	
2447	Populus deltoides	Cottonwood	9	2	3	
2448	Populus deltoides	Cottonwood	8	2	3	
2449	Populus deltoides	Cottonwood	7	2	3	
2450	Populus deltoides	Cottonwood	6	2	3	
2451	Populus deltoides	Cottonwood	6	2	3	
2452	Populus deltoides	Cottonwood	6	2	3	
2453	Populus deltoides	Cottonwood	6	2	3	
2454	Populus deltoides	Cottonwood	6	2	3	
2455	Populus deltoides	Cottonwood	6	2	3	
2456	Populus deltoides	Cottonwood	6	2	3	
2457	Populus deltoides	Cottonwood	6	2	3	
2458	Populus deltoides	Cottonwood	6	2	3	
2459	Robinia pseudoacacia	Black Locust	7,6	2	3	
2460	Populus deltoides	Cottonwood	6	2	3	
2461	Acer negundo	Box Elder	8	2	3	
2462	Acer negundo	Box Elder	8	2	3	
2463	Acer negundo	Box Elder	6	2	4	Lean
2464	Acer negundo	Box Elder	10	3	4	Lean
2465	Acer negundo	Box Elder	7,7	4	4	North trunk topped, Lean
2466	Populus deltoides	Cottonwood	6	2	3	
2467	Populus deltoides	Cottonwood	7	2	3	
2468	Populus deltoides	Cottonwood	6	2	3	
2469	Populus deltoides	Cottonwood	6	2	3	
2470	Populus deltoides	Cottonwood	6	2	3	
2471	Populus deltoides	Cottonwood	9	2	3	
2472	Populus deltoides	Cottonwood	6	2	3	
2473	Populus deltoides	Cottonwood	6	2	3	
2474	Populus deltoides	Cottonwood	6	2	3	
2475	Populus deltoides	Cottonwood	7	2	3	
2476	Populus deltoides	Cottonwood	7	2	3	
2477	Populus deltoides	Cottonwood	6	2	3	
2478	Populus deltoides	Cottonwood	6	2	3	
2479	Populus deltoides	Cottonwood	6	2	3	
2480	Populus deltoides	Cottonwood	6	2	3	
2481	Populus deltoides	Cottonwood	6	2	3	
2482	Populus deltoides	Cottonwood	6	2	3	
2483	Populus deltoides	Cottonwood	7	2	3	

Tag #	Common Name	Scientific Name	Size	Condition	Form	Comments/Alternate Tag # (T)
2484	Populus deltoides	Cottonwood	7	2	3	
2485	Populus deltoides	Cottonwood	6	2	3	
2486	Populus deltoides	Cottonwood	6	2	3	
2487	Populus deltoides	Cottonwood	6	2	3	
2488	Populus deltoides	Cottonwood	6	2	3	
2489	Populus deltoides	Cottonwood	6	2	3	
2490	Populus deltoides	Cottonwood	7	2	3	
2491	Populus deltoides	Cottonwood	8	2	3	
2492	Populus deltoides	Cottonwood	6	2	3	
2493	Populus deltoides	Cottonwood	8	2	3	
2494	Populus deltoides	Cottonwood	9	2	3	
2495	Populus deltoides	Cottonwood	12	2	3	
2496	Populus deltoides	Cottonwood	7	2	3	
2497	Populus deltoides	Cottonwood	9	2	3	
2498	Populus deltoides	Cottonwood	6	2	3	
2499	Populus deltoides	Cottonwood	10	2	3	
2500	Populus deltoides	Cottonwood	8	2	3	
2501	Populus deltoides	Cottonwood	9	2	3	
2502	Populus deltoides	Cottonwood	9	2	3	
2503	Populus deltoides	Cottonwood	6	2	3	
2504	Populus deltoides	Cottonwood	6	2	3	
2505	Populus deltoides	Cottonwood	8	2	3	
2506	Populus deltoides	Cottonwood	12	2	3	
2507	Populus deltoides	Cottonwood	7	3	3	Two leaders
2508	Populus deltoides	Cottonwood	9	2	3	
2509	Populus deltoides	Cottonwood	6	3	3	
2510	Populus deltoides	Cottonwood	6	2	3	
2511	Populus deltoides	Cottonwood	6	2	3	
2512	Populus deltoides	Cottonwood	7	2	3	
2513	Populus deltoides	Cottonwood	6	2	3	
2514	Populus deltoides	Cottonwood	6	2	3	
2515	Populus deltoides	Cottonwood	10	2	3	
2516	Populus deltoides	Cottonwood	6	2	3	
2517	Populus deltoides	Cottonwood	6	2	3	
2518	Populus deltoides	Cottonwood	6	2	3	
2519	Populus deltoides	Cottonwood	6	2	3	
2520	Populus deltoides	Cottonwood	6	2	3	
2521	Populus deltoides	Cottonwood	6	2	3	
2522	Populus deltoides	Cottonwood	6	2	3	
2523	Populus deltoides	Cottonwood	7	2	3	
2524	Populus deltoides	Cottonwood	6	2	3	
2525	Populus deltoides	Cottonwood	6	2	3	
2526	Populus deltoides	Cottonwood	6	2	3	
2527	Populus deltoides	Cottonwood	6	2	3	
2528	Populus deltoides	Cottonwood	8	2	3	
2529	Populus deltoides	Cottonwood	6	2	3	
2530	Populus deltoides	Cottonwood	7	2	3	
2531	Populus deltoides	Cottonwood	8	2	3	
2532	Populus deltoides	Cottonwood	6	2	3	
2533	Populus deltoides	Cottonwood	7	2	3	
2534	Populus deltoides	Cottonwood	8,8	2	3	
2535	Populus deltoides	Cottonwood	8	2	3	
2536	Populus deltoides	Cottonwood	6	2	3	
2537	Populus deltoides	Cottonwood	6	2	3	
2538	Populus deltoides	Cottonwood	6	2	3	
2539	Populus deltoides	Cottonwood	6	2	3	
2540	Populus deltoides	Cottonwood	6	2	3	
2541	Populus deltoides	Cottonwood	6	2	3	
2542	Populus deltoides	Cottonwood	6	2	3	
2543	Populus deltoides	Cottonwood	6	2	3	
2544	Populus deltoides	Cottonwood	6	2	3	
2545	Populus deltoides	Cottonwood	6	2	3	
2546	Populus deltoides	Cottonwood	6	2	3	
2547	Populus deltoides	Cottonwood	6	2	3	
2548	Populus deltoides	Cottonwood	7	2	3	
2549	Populus deltoides	Cottonwood	6	2	3	
2550	Populus deltoides	Cottonwood	6	2	3	
2551	Populus deltoides	Cottonwood	6	2	3	
2552	Populus deltoides	Cottonwood	7	2	3	

Tag #	Common Name	Scientific Name	Size	Condition	Form	Comments/Alternate Tag # (T)
2553	Populus deltoides	Cottonwood	6	2	3	
2554	Populus deltoides	Cottonwood	6	2	3	
2555	Populus deltoides	Cottonwood	6	2	3	
2556	Populus deltoides	Cottonwood	6	2	3	
2557	Populus deltoides	Cottonwood	6	2	3	
2558	Populus deltoides	Cottonwood	8	2	3	
2559	Populus deltoides	Cottonwood	6	2	3	
2560	Populus deltoides	Cottonwood	8,6	2	3	
2561	Populus deltoides	Cottonwood	6	2	3	
2562	Populus deltoides	Cottonwood	10	2	3	
2563	Populus deltoides	Cottonwood	7	2	3	
2564	Populus deltoides	Cottonwood	6	2	3	
2565	Populus deltoides	Cottonwood	6	2	3	
2566	Populus deltoides	Cottonwood	8	2	3	
2567	Populus deltoides	Cottonwood	6	3	3	
2568	Populus deltoides	Cottonwood	8	2	3	
2569	Populus deltoides	Cottonwood	8	2	3	
2570	Populus deltoides	Cottonwood	9	2	3	
2571	Populus deltoides	Cottonwood	6	2	3	
2572	Populus deltoides	Cottonwood	6	2	3	
2573	Populus deltoides	Cottonwood	6	2	3	
2574	Populus deltoides	Cottonwood	9	2	3	
2575	Populus deltoides	Cottonwood	6	2	3	
2576	Populus deltoides	Cottonwood	6	2	3	Two leaders
2577	Populus deltoides	Cottonwood	6	2	3	
2578	Populus deltoides	Cottonwood	7	2	3	
2579	Populus deltoides	Cottonwood	6	2	3	
2580	Populus deltoides	Cottonwood	6	2	3	
2581	Populus deltoides	Cottonwood	6	2	3	
2582	Populus deltoides	Cottonwood	7	2	3	
2583	Populus deltoides	Cottonwood	6	2	3	
2584	Populus deltoides	Cottonwood	6	2	3	
2585	Populus deltoides	Cottonwood	6	2	3	
2586	Populus deltoides	Cottonwood	6	2	3	
2587	Populus deltoides	Cottonwood	6	2	3	
2588	Populus deltoides	Cottonwood	6	2	3	
2589	Populus deltoides	Cottonwood	6	2	3	
2590	Populus deltoides	Cottonwood	7	2	3	
2591	Populus deltoides	Cottonwood	6	2	3	
2592	Populus deltoides	Cottonwood	9	2	3	
2593	Populus deltoides	Cottonwood	8	2	3	
2594	Populus deltoides	Cottonwood	12	2	2	
2595	Populus deltoides	Cottonwood	6	2	3	
2596	Populus deltoides	Cottonwood	6	2	3	
2597	Populus deltoides	Cottonwood	6	2	3	
2598	Populus deltoides	Cottonwood	6	2	3	
2599	Populus deltoides	Cottonwood	6	2	3	
2600	Populus deltoides	Cottonwood	8	2	3	
2601	Populus deltoides	Cottonwood	8	2	3	
2602	Populus deltoides	Cottonwood	6	2	3	
2603	Populus deltoides	Cottonwood	6	2	3	
2604	Populus deltoides	Cottonwood	6	2	3	
2605	Populus deltoides	Cottonwood	7	2	3	
2606	Populus deltoides	Cottonwood	6	2	3	
2607	Populus deltoides	Cottonwood	6	2	3	
2608	Populus deltoides	Cottonwood	6	2	3	
2609	Populus deltoides	Cottonwood	7	2	3	
2610	Populus deltoides	Cottonwood	6	2	3	
2611	Populus deltoides	Cottonwood	6	2	3	
2612	Populus deltoides	Cottonwood	6	2	3	
2613	Populus deltoides	Cottonwood	6	2	3	
2614	Populus deltoides	Cottonwood	6	2	3	
2615	Populus deltoides	Cottonwood	7	2	3	
2616	Populus deltoides	Cottonwood	6	2	3	
2617	Populus deltoides	Cottonwood	6	2	3	
2618	Populus deltoides	Cottonwood	6	2	3	
2619	Populus deltoides	Cottonwood	7	2	3	
2620	Populus deltoides	Cottonwood	6	2	3	
2621	Populus deltoides	Cottonwood	6	3	3	

Tag #	Common Name	Scientific Name	Size	Condition	Form	Comments/Alternate Tag # (T)
2622	Populus deltoides	Cottonwood	6	2	3	
2623	Populus deltoides	Cottonwood	7	2	3	
2624	Populus deltoides	Cottonwood	7	2	3	
2625	Populus deltoides	Cottonwood	8	2	3	
2626	Populus deltoides	Cottonwood	8	2	3	
2627	Populus deltoides	Cottonwood	6	2	3	
2628	Populus deltoides	Cottonwood	6	2	3	
2629	Populus deltoides	Cottonwood	8	2	3	
2630	Acer negundo	Box Elder	6	3	4	Lean
2631	Populus deltoides	Cottonwood	9	2	3	
2632	Populus deltoides	Cottonwood	7	2	3	
2633	Populus deltoides	Cottonwood	8	2	3	
2634	Populus deltoides	Cottonwood	6	2	3	
2635	Populus deltoides	Cottonwood	7	2	3	
2636	Populus deltoides	Cottonwood	6	2	3	
2637	Populus deltoides	Cottonwood	6	2	3	
2638	Populus deltoides	Cottonwood	7	2	3	
2639	Populus deltoides	Cottonwood	6	2	3	
2640	Populus deltoides	Cottonwood	6	2	3	
2641	Populus deltoides	Cottonwood	7	2	3	
2642	Populus deltoides	Cottonwood	6	2	3	
2643	Populus deltoides	Cottonwood	6	2	3	
2644	Populus deltoides	Cottonwood	8	2	3	
2645	Populus deltoides	Cottonwood	7	2	3	
2646	Populus deltoides	Cottonwood	6	2	3	
2647	Populus deltoides	Cottonwood	8	2	3	
2648	Populus deltoides	Cottonwood	6	2	3	
2649	Populus deltoides	Cottonwood	7	2	3	
2650	Populus deltoides	Cottonwood	6	2	3	
2651	Populus deltoides	Cottonwood	6	2	3	
2652	Populus deltoides	Cottonwood	8	2	3	
2653	Populus deltoides	Cottonwood	7	2	3	
2654	Populus deltoides	Cottonwood	8	2	3	
2655	Populus deltoides	Cottonwood	6	2	3	
2656	Populus deltoides	Cottonwood	6	2	3	
2657	Populus deltoides	Cottonwood	6	2	3	
2658	Populus deltoides	Cottonwood	6	2	3	
2659	Populus deltoides	Cottonwood	6	2	3	
2660	Populus deltoides	Cottonwood	6	2	3	
2661	Populus deltoides	Cottonwood	6	2	3	
2662	Populus deltoides	Cottonwood	9	2	3	
2663	Populus deltoides	Cottonwood	6	2	3	
2664	Populus deltoides	Cottonwood	7	2	3	
2665	Populus deltoides	Cottonwood	9	2	3	
2666	Populus deltoides	Cottonwood	6	2	3	
2667	Populus deltoides	Cottonwood	6	2	3	
2668	Populus deltoides	Cottonwood	6	2	3	
2669	Populus deltoides	Cottonwood	8	2	3	
2670	Populus deltoides	Cottonwood	6	2	3	
2671	Populus deltoides	Cottonwood	7	2	3	
2672	Populus deltoides	Cottonwood	6	2	3	
2673	Populus deltoides	Cottonwood	6	2	3	
2674	Populus deltoides	Cottonwood	11	2	3	
2675	Populus deltoides	Cottonwood	6	2	3	
2676	Populus deltoides	Cottonwood	9	2	3	Two leaders
2677	Populus deltoides	Cottonwood	7	2	3	
2678	Populus deltoides	Cottonwood	6	2	3	
2679	Populus deltoides	Cottonwood	6	2	3	
2680	Picea glauca	White Spruce	9	1	1	
2681	Robinia pseudoacacia	Black Locust	6	4	4	Deadwood
2682	Picea glauca	White Spruce	7	1	1	
2683	Acer negundo	Box Elder	26	3	3	
2684	Acer negundo	Box Elder	13	3	3	
2685	Acer negundo	Box Elder	12	3	4	Lean
2686	Picea glauca	White Spruce	6	2	2	
2687	Picea glauca	White Spruce	7	2	2	
2688	Juglans nigra	Black Walnut	9	2	2	
2689	Picea glauca	White Spruce	6	3	3	
2690	Acer negundo	Box Elder	7	3	4	Lean

Tag #	Common Name	Scientific Name	Size	Condition	Form	Comments/Alternate Tag # (T)
2691	Ulmus rubra	Red Elm	17	3	3	
2692	Acer negundo	Box Elder	8	3	4	Lean
2693	Quercus macrocarpa	Bur Oak	33	2	3	
2694	Acer negundo	Box Elder	28	3	3	
2695	Celtis occidentalis	Hackberry	14,10	2	2	
2696	Tilia americana	Basswood	13,12,11,11,7	2	3	
2697	Celtis occidentalis	Hackberry	21	2	3	
2698	Acer negundo	Box Elder	6	4	4	Cracked, Deadwood, Lean
2699	Morus alba	White Mulberry	12,12	4	4	T877, Deadwood, Lean
2700	Quercus macrocarpa	Bur Oak	34	3	3	T880
2701	Morus alba	White Mulberry	6	3	3	
2702	Fraxinus americana	White Ash	6	3	3	
2703	Morus alba	White Mulberry	16	3	4	Lean
2704	Quercus macrocarpa	Bur Oak	6	2	2	
2705	Acer negundo	Box Elder	7	3	4	Lean
2706	Pinus sylvestris	Scotch Pine	6	3	3	
2707	Acer negundo	Box Elder	10	5	5	Deadwood, Lean, Top half cracked
2708	Quercus alba	White Oak	37	2	2	
2709	Morus alba	White Mulberry	9	3	4	Lean
2710	Acer negundo	Box Elder	6	3	4	Lean
2711	Acer negundo	Box Elder	10	5	5	Deadwood, Lean, Top half cracked
2712	Robinia pseudoacacia	Black Locust	6	2	2	
2713	Juglans nigra	Black Walnut	7	2	2	
2714	Acer negundo	Box Elder	14	3	4	Lean
2715	Acer negundo	Box Elder	7	2	3	
2716	Acer negundo	Box Elder	7	2	3	
2717	Acer negundo	Box Elder	12	4	4	Deadwood, Topped, Two leaders
2718	Ulmus americana	American Elm	6	3	3	
2719	Acer negundo	Box Elder	18	5	5	Topped, Cracked, Deadwood
2720	Ulmus americana	American Elm	12	2	2	
2721	Fraxinus pennsylvanica	Green Ash	14	3	3	
2722	Acer negundo	Box Elder	12	4	4	T894, Deadwood, Lean
2723	Acer negundo	Box Elder	8	3	4	T944, Lean
2724	Populus deltoides	Cottonwood	32	2	3	T942
2725	Populus deltoides	Cottonwood	26	2	3	T943
2726	Acer negundo	Box Elder	9,6	3	4	T897
2727	Acer negundo	Box Elder	12	3	4	T896, One of two trunks dead
2728	Robinia pseudoacacia	Black Locust	6	3	3	T898
2729	Robinia pseudoacacia	Black Locust	7	3	3	T899
2730	Robinia pseudoacacia	Black Locust	11	3	3	T901
2731	Ulmus americana	American Elm	12,6	3	4	Lean
2732	Robinia pseudoacacia	Black Locust	14	3	3	T902
2733	Robinia pseudoacacia	Black Locust	16	2	3	T904, Two leaders
2734	Robinia pseudoacacia	Black Locust	13	3	3	T905
2735	Robinia pseudoacacia	Black Locust	13	3	3	T907
2736	Robinia pseudoacacia	Black Locust	18	2	3	Two leaders
2737	Acer negundo	Box Elder	10	5	5	T908, Deadwood, Topped, Lean
2738	Acer negundo	Box Elder	13	5	5	Deadwood, Broken, Lean
2739	Robinia pseudoacacia	Black Locust	34	4	4	T911, Large broken branch
2740	Robinia pseudoacacia	Black Locust	9	3	3	T989
2741	Robinia pseudoacacia	Black Locust	7	3	4	Lean
2742	Robinia pseudoacacia	Black Locust	15	3	3	T988
2743	Ulmus americana	American Elm	16	2	3	
2744	Acer negundo	Box Elder	6	3	4	Lean
2745	Fraxinus pennsylvanica	Green Ash	10	3	3	T986
2746	Acer negundo	Box Elder	8	3	4	Lean
2747	Fraxinus pennsylvanica	Green Ash	6	4	4	Deadwood
2748	Ulmus americana	American Elm	11	3	3	
2749	Populus deltoides	Cottonwood	14	3	3	T918
2750	Ulmus americana	American Elm	6	3	3	
2751	Populus deltoides	Cottonwood	17	3	3	T917
2752	Populus deltoides	Cottonwood	17	3	3	T916
2753	Ulmus americana	American Elm	6	3	3	
2754	Robinia pseudoacacia	Black Locust	11	4	4	T987, Deadwood
2755	Acer negundo	Box Elder	11	5	5	T978, Deadwood, Lean, Cracked in two
2756	Robinia pseudoacacia	Black Locust	11	3	3	T979
2757	Ulmus americana	American Elm	7	2	3	
2758	Ulmus americana	American Elm	14	2	3	
2759	Populus deltoides	Cottonwood	23	2	3	T996 and T981 (two tags)

Tag #	Common Name	Scientific Name	Size	Condition	Form	Comments/Alternate Tag # (T)
2760	Celtis occidentalis	Hackberry	12	2	2	
2761	Ulmus americana	American Elm	8	3	4	Lean
2762	Celtis occidentalis	Hackberry	10	2	3	
2763	Robinia pseudoacacia	Black Locust	27	3	3	T984
2764	Acer negundo	Box Elder	6	4	4	Deadwood, Lean
2765	Acer negundo	Box Elder	13,10	4	4	T992, Deadwood, Lean
2766	Acer negundo	Box Elder	8	3	4	Lean
2767	Salix nigra	Black Willow	26,21	4	4	T994, Deadwood
2768	Ulmus americana	American Elm	7	3	3	
2769	Ulmus americana	American Elm	12	2	3	
2770	Robinia pseudoacacia	Black Locust	34	3	3	T993
2771	Robinia pseudoacacia	Black Locust	23,16	4	5	Deadwood, 23" trunk topped
2772	Ulmus americana	American Elm	14	3	3	
2773	Acer negundo	Box Elder	15	3	3	
2774	Ulmus americana	American Elm	6	3	3	
2775	Robinia pseudoacacia	Black Locust	9	3	3	T997
2776	Populus deltoides	Cottonwood	16	3	3	T998
2777	Ulmus americana	American Elm	6	3	3	
2778	Populus deltoides	Cottonwood	40	3	3	T36
2779	Acer negundo	Box Elder	6	3	4	Lean
2780	Populus deltoides	Cottonwood	24	3	3	T61
2781	Ulmus americana	American Elm	9	3	3	
2782	Acer negundo	Box Elder	8	3	4	Lean
2783	Acer negundo	Box Elder	7	5	5	Deadwood, Lean
2784	Acer negundo	Box Elder	9	3	4	Lean
2785	Populus deltoides	Cottonwood	33	3	3	T53, Two leaders
2786	Fraxinus pennsylvanica	Green Ash	9	5	5	Deadwood, Lean
2787	Robinia pseudoacacia	Black Locust	15	3	3	T44, Two leaders
2788	Robinia pseudoacacia	Black Locust	15	3	3	T45, Two leaders
2789	Robinia pseudoacacia	Black Locust	14	3	3	T46
2790	Robinia pseudoacacia	Black Locust	16	3	3	T47
2791	Robinia pseudoacacia	Black Locust	9	3	3	T48
2792	Acer negundo	Box Elder	9	3	4	Lean
2793	Juglans nigra	Black Walnut	19	3	3	T52
2794	Fraxinus pennsylvanica	Green Ash	11	4	4	Deadwood, Two leaders
2795	Ulmus americana	American Elm	6	3	3	
2796	Fraxinus pennsylvanica	Green Ash	7	4	4	
2797	Robinia pseudoacacia	Black Locust	14	3	3	T58
2798	Ulmus americana	American Elm	9	3	3	
2799	Robinia pseudoacacia	Black Locust	9	3	3	T66
2800	Fraxinus pennsylvanica	Green Ash	14	3	3	
2801	Acer negundo	Box Elder	13	4	4	Deadwood, Lean
2802	Acer negundo	Box Elder	7	3	4	Lean
2803	Fraxinus pennsylvanica	Green Ash	27	2	3	T128, Two leaders
2804	Salix nigra	Black Willow	16	4	4	T129, Deadwood, Lean
2805	Salix nigra	Black Willow	16	5	5	T130, Deadwood, Lean
2806	Robinia pseudoacacia	Black Locust	7	4	4	Deadwood, Lean
2807	Ulmus americana	American Elm	7	3	4	Lean
2808	Fraxinus pennsylvanica	Green Ash	42	3	3	T131
2809	Acer negundo	Box Elder	6	5	5	T133, Deadwood, Lean
2810	Robinia pseudoacacia	Black Locust	26	3	3	Two leaders
2811	Ulmus americana	American Elm	8	3	4	Lean
2812	Acer negundo	Box Elder	9	3	4	Lean
2813	Ulmus americana	American Elm	6	2	2	
2814	Fraxinus pennsylvanica	Green Ash	7	4	4	T149, Deadwood
2815	Robinia pseudoacacia	Black Locust	28	3	3	Two leaders
2816	Robinia pseudoacacia	Black Locust	14	3	3	
2817	Ulmus americana	American Elm	6	2	3	
2818	Fraxinus pennsylvanica	Green Ash	10	3	3	
2819	Fraxinus pennsylvanica	Green Ash	6	3	3	
2820	Fraxinus pennsylvanica	Green Ash	11	3	3	
2821	Fraxinus pennsylvanica	Green Ash	11	3	3	Two leaders
2822	Robinia pseudoacacia	Black Locust	10	3	3	
2823	Robinia pseudoacacia	Black Locust	9	3	3	
2824	Robinia pseudoacacia	Black Locust	10	3	3	
2825	Robinia pseudoacacia	Black Locust	9	3	3	
2826	Robinia pseudoacacia	Black Locust	9	3	3	
2827	Robinia pseudoacacia	Black Locust	13	3	3	
2828	Robinia pseudoacacia	Black Locust	16	3	3	

Tag #	Common Name	Scientific Name	Size	Condition	Form	Comments/Alternate Tag # (T)
2829	Acer negundo	Box Elder	15	3	4	Lean
2830	Acer negundo	Box Elder	6	4	4	Deadwood
2831	Fraxinus pennsylvanica	Green Ash	7	4	4	Deadwood
2832	Acer saccharinum	Silver Maple	10	2	4	Lean
2833	Acer saccharinum	Silver Maple	15,10	2	3	
2834	Salix nigra	Black Willow	16	4	4	T234, Deadwood
2835	Salix nigra	Black Willow	17,9	4	4	T235, Deadwood
2836	Fraxinus pennsylvanica	Green Ash	9	3	3	
2837	Fraxinus pennsylvanica	Green Ash	6	5	5	T217, Deadwood, Lean
2838	Fraxinus pennsylvanica	Green Ash	8	4	4	T218, Deadwood
2839	Fraxinus pennsylvanica	Green Ash	7	4	4	Deadwood
2840	Fraxinus pennsylvanica	Green Ash	7	4	4	T219, Deadwood
2841	Juglans nigra	Black Walnut	8	2	3	
2842	Morus alba	White Mulberry	23	3	3	T229
2843	Acer negundo	Box Elder	16	3	4	Lean, Two leaders
2844	Acer negundo	Box Elder	7	3	5	Lean
2845	Juglans nigra	Black Walnut	10	2	2	
2846	Acer negundo	Box Elder	13	3	4	Lean
2847	Acer negundo	Box Elder	7	3	4	Lean
2848	Populus deltoides	Cottonwood	43	2	3	T232









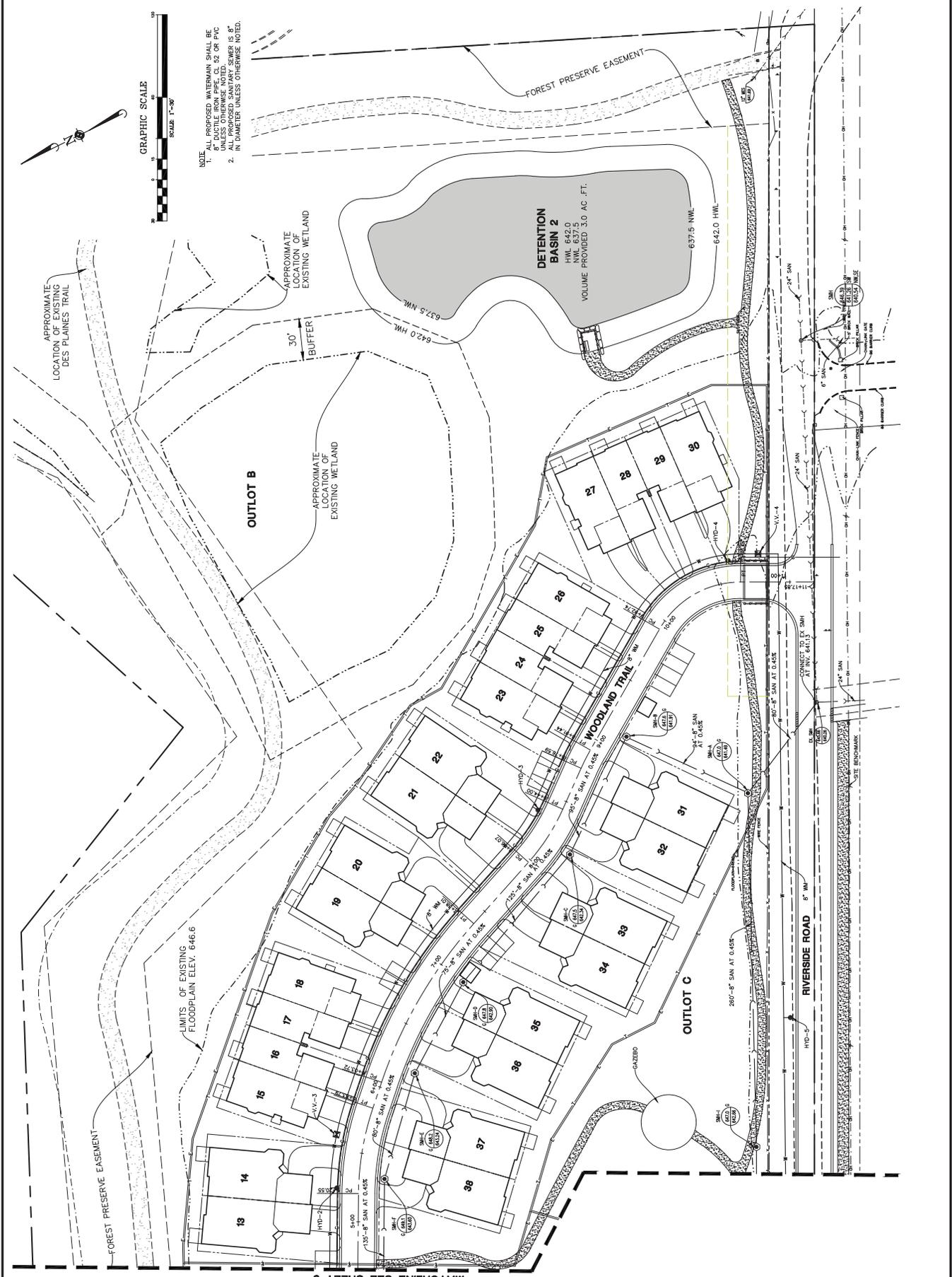








DATE	11-15-15
REVISION	
NO.	1
DESCRIPTION	PRELIMINARY PLAN
NO.	2
DESCRIPTION	REVISED PER VILLAGE REVIEW
NO.	3
DESCRIPTION	REVISED PER VILLAGE REVIEW
NO.	4
DESCRIPTION	REVISED PER VILLAGE REVIEW
NO.	5
DESCRIPTION	REVISED PER VILLAGE REVIEW
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DESCRIPTION	REVISED PER VILLAGE REVIEW
NO.	40
DESCRIPTION	REVISED PER VILLAGE REVIEW



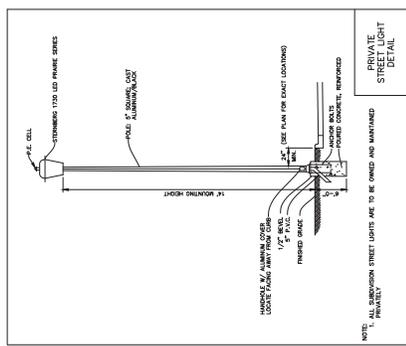
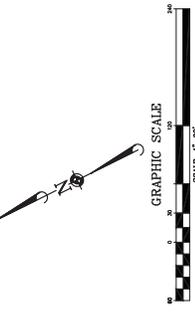
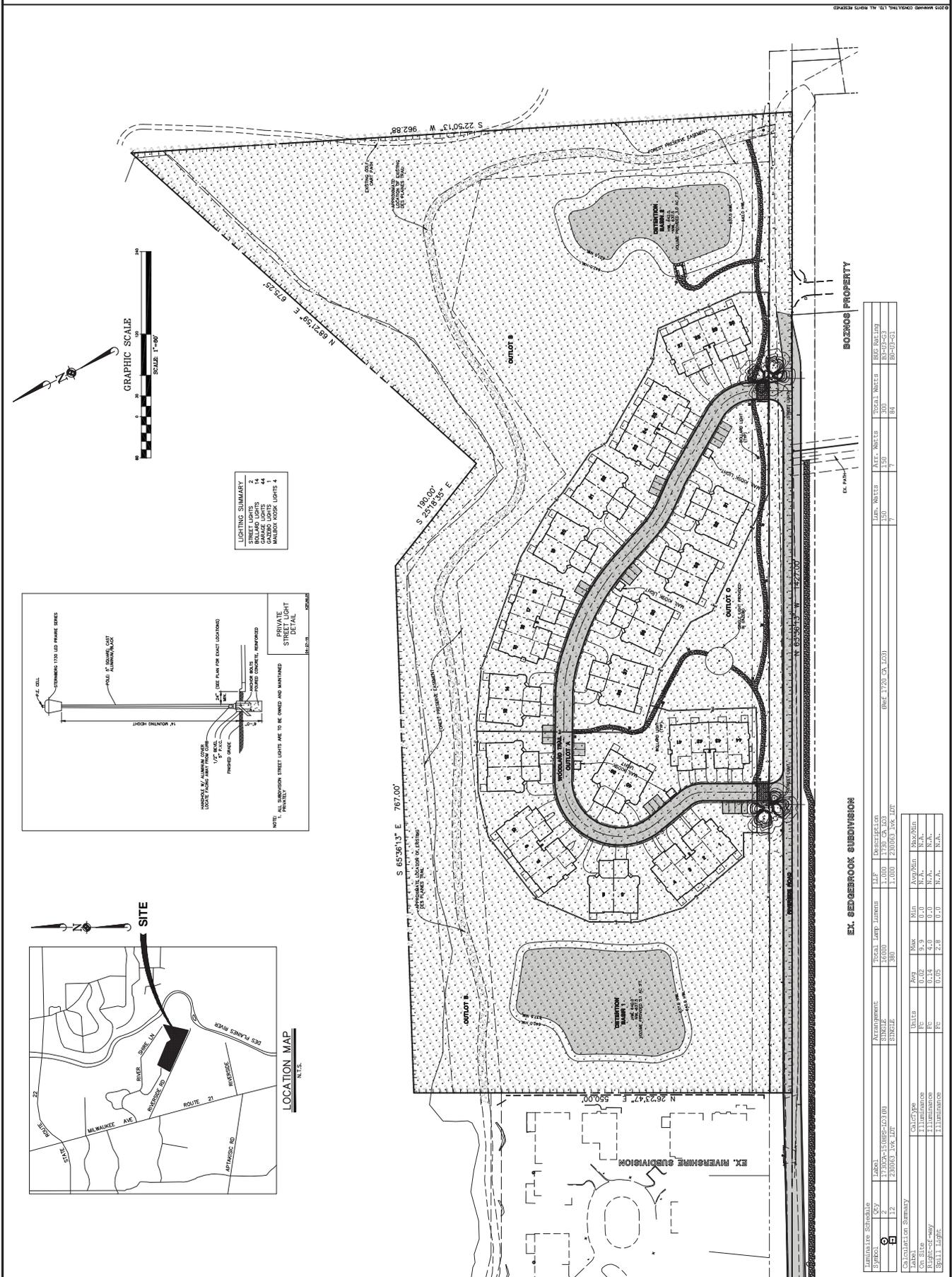
NOTE:  
 1. ALL DIMENSIONS UNLESS OTHERWISE NOTED SHALL BE IN FEET AND DECIMALS THEREOF.  
 2. ALL DIMENSIONS UNLESS OTHERWISE NOTED SHALL BE IN FEET AND DECIMALS THEREOF.

MATCHLINE SEE SHEET 3

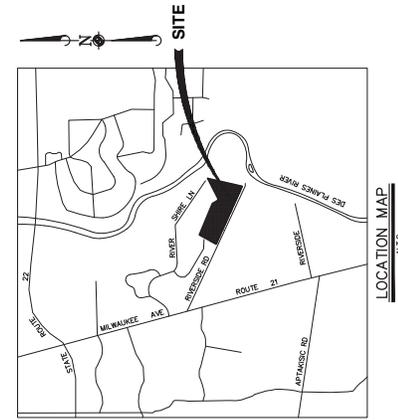








- LIGHTING SUMMARY**
- 1. STREET LIGHTS
  - 2. BOLLARD LIGHTS
  - 3. GAZED LIGHTS
  - 4. MANHOLE LIGHTS



**BOZAROS PROPERTY**

LINE NUMBER	LINE WIDTH	AREA	TOTAL AREA
1	150	150	300
2	150	150	300
3	150	150	300
4	150	150	300

**EX. SEDGEWATER SUBDIVISION**

LINE NUMBER	LINE WIDTH	AREA	TOTAL AREA
1	150	150	300
2	150	150	300
3	150	150	300
4	150	150	300

Label	Qty	Arrangement	Total Lamp Lumens	Height	Description
1	2	2x1000	2000	17.00	CA 103
2	2	2x1000	2000	17.00	CA 103
3	2	2x1000	2000	17.00	CA 103
4	2	2x1000	2000	17.00	CA 103

Color Type	Color	Min	Max	Avg	Footcandle	Notes
1	11	0.0	0.0	0.0	N.A.	N.A.
2	11	0.0	0.0	0.0	N.A.	N.A.
3	11	0.0	0.0	0.0	N.A.	N.A.
4	11	0.0	0.0	0.0	N.A.	N.A.



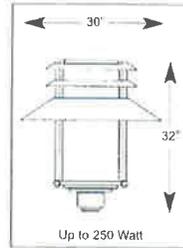
# ARCHITECTURAL LUMINAIRES

## VILLA

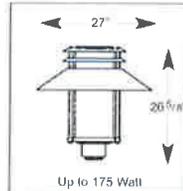


**1730** The new Villa Luminaire is an architectural splendor with its curved roof and sweeping round, open look. Its **NIGHTSKY<sup>®</sup>** louvre optic system will provide sharp Type III or Type V cut-off on any street, walkway or parking area. Measures **30" x 32"**. A Type III or V refractor can also be used. Three fixture sizes (**1730, 1720** and **1710**) provide flexibility to fit the scale of your design. For that modern, contemporary look specify the Villa.

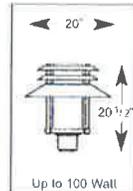
High Pressure Sodium	50, 70, 100, 150 or 250w
Metal Halide	50, 70, 100, 150, 175 or 250w
QL Induction	55 or 85w*
Compact Fluorescent	26, 32 or 42w*



1730 Wall Mount



1720



1710



1730 on Louisville Pole

# 1730 VILLA SERIES

# SPECIFICATIONS

## GENERAL

The 1730 Villa fixture is a large scale, dramatic design. It features a tall, cylindrical architectural body consisting of a decorative cast cage, round lens and round flat roof shade. It shall provide tool-less access for ease of maintenance.

## POST FITTER

The fitter shall be heavy wall cast aluminum, 356 alloy for high tensile strength. It shall have an inside diameter opening to accept a 3", 4" or 5" round pole or tenon. When ordered with a Sternberg aluminum pole, the fitter shall be set screwed to the pole top or tenon.

## BALLAST HOUSING

The ballast housing shall be heavy wall cast aluminum, 356 alloy for high tensile strength. The housing shall be cast as an integral part of the fitter to prevent water entry into the ballast compartment and to ensure high capacity heat sinking of ballast temperatures, keeping the ballast cooler and ensuring long life. The ballast mounting plate shall be cast aluminum and provide tool-less removal from the housing using 2 ea latches.

## ELECTRICAL

Fixture shall be U.L. or E.T.L. listed in U.S. and Canada. H.I.D. ballasts shall be high power factor with lamp starting down to -30 degrees C. Medium base and mogul base porcelain sockets are 4KV rated. The ballast/socket assembly shall be pre-wired when ballast is located in the fixture. Ballasts shall be DOE EISA compliant.

## FIXTURE HOUSING

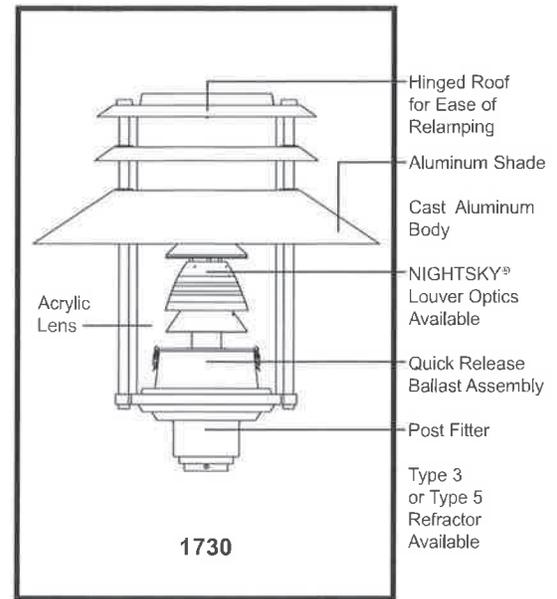
The 1730 fixture shall be 30" wide and the overall height shall be 32". It shall be made of heavy wall cast aluminum, 356 alloy, aluminum shade and lens will be made of vandal resistant clear or frosted acrylic.

## OPTICAL OPTIONS

Refractors shall be 6" diameter borosilicate glass with an I.E.S. Type 3 (RE3) or Type 5 (RE5) distribution. It shall be secured to the socket stem with 3/8" plated steel threaded pipe nipple and rest on a cast aluminum holder with anti-shock gasket. The refractor will be secured to cast holder with a quarter-turn internal aluminum twist ring for ease of maintenance.

The **NIGHTSKY® OPTI-SHIELD® Louver Optic System (LO)** shall be a multi-tier reflector with 7" diameter rings to produce an I.E.S. Cut-off Type 3 or 5 distribution. The Louver Optic System shall be made of highly specular anodized aluminum and shall come standard with medium base socket.

**Frosted Glass Mission Chimney (FMC)** is an optic option which adds an authentic touch.

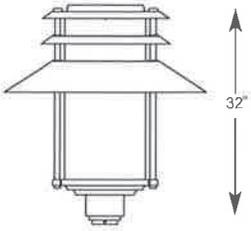
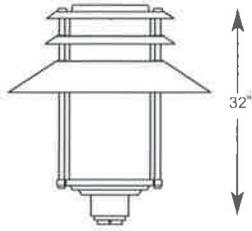
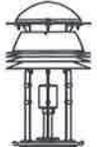


**EPA = 0.97 (ft²)**  
**WEIGHT = 35 LBS**

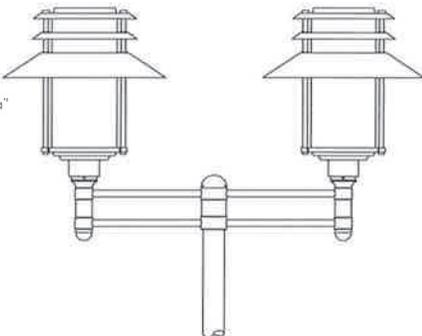
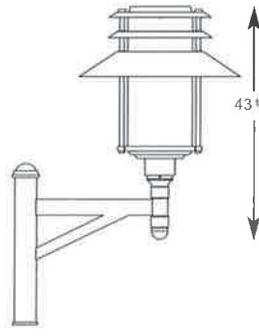
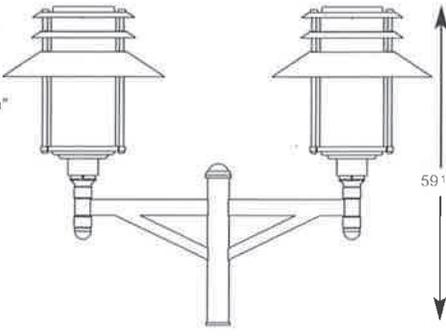
# 1730 VILLA

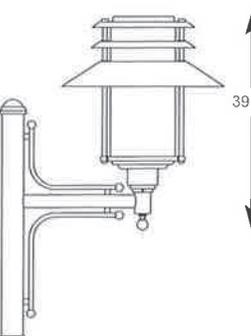
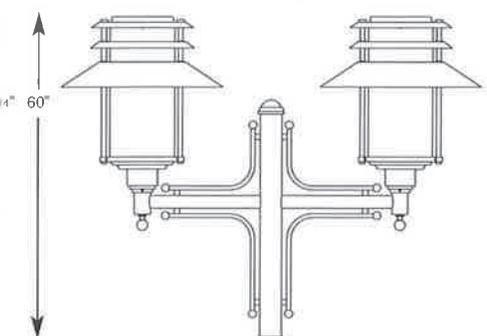
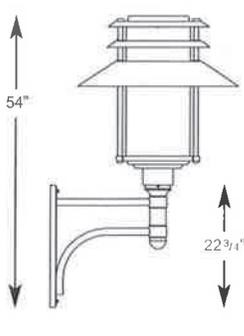
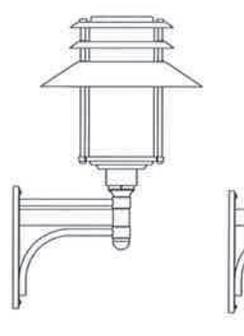
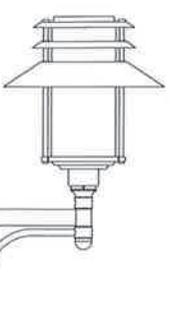
# FIXTURES/FITTERS/ARMS PM-WB

## FIXTURES POST FITTERS OPTICAL SYSTEMS

30" W	30" W					
			<b>R3"</b>			
			<b>R4"</b>			
			<b>R5"</b>			
			<b>SIZES</b>	<b>RE3 RE5 Refractor</b>	<b>HSS House Side Shield</b>	<b>FMC Frosted Mission Chimney</b>
<b>1730CA</b> Clear Acrylic Lens	<b>1730FA</b> Frosted Acrylic Lens					
						<b>LO3 LO5 Louver Optics</b>

## ARMS - POST MOUNT or WALL BRACKETS (WB) See Arms Section for more information

35" 20"	70" 40"	40" 25"	78" 48"
			
43 1/4"	30"	43 1/4"	59 1/4"
<b>OM SINGLE</b>	<b>OM TWIN</b>	<b>HMPT SINGLE</b>	<b>HMPT TWIN</b>

39" 24"	78" 48"	35" 20"	35" 20"	35" 20"
				
44 1/2" 39 3/4" 60"		54"	22 3/4"	43 1/4"
<b>OL SINGLE</b>	<b>OL TWIN</b>	<b>VC</b>	<b>VL</b>	<b>VF</b>

# BUILDING A PART NUMBER



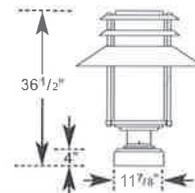
## POST & ARM FIXTURES

ARM MOUNTED FIXTURE	CENTER POST TOP FIXTURE (PT)	POST	POST CAP	LIGHT SOURCE BALLAST	OPTICS	OPTIONS	FINISH
NO. OF ARMS 2	FIXTURE / POSTARM 1730CA/HMPT	FIXT./FITTER PT	(See Post Section) 3320P5	WATTS / TYPE / VOLTS BC / 100MHP120	LO3	PEC	BKT



## WALL FIXTURES

FIXTURE / WALL BRACKET	LIGHT SOURCE BALLAST	OPTICS	OPTIONS	FINISH
1730CA/VCWB	WATTS / TYPE / VOLTS 100MHP120	LO3	MHP100/MED	BKT



**PIER FIXTURES**  
Uses same information boxes as wall fixture

**1730FA/550PB**

**FIXTURE / PIER BASE**

## PART NUMBER SELECTIONS

### FIXTURE

- 1730CA
- 1730FA

### FITTERS

- R3
- R4
- R5

### OPTICS

- RE3
- RE5
- HSS
- FMC<sup>2</sup>
- LO3
- LO5

### POST ARMS

- OMPT
- HMPT
- OLPT
- VCPM
- VLPM
- VFPM

### VOLTAGES

- 120
- 208
- 240
- 277
- 480
- MULTI (120-277)

### WALL BRACKET ARMS

- OMWB
- HMWB
- OLWB
- VCWB
- VLWB
- VFWB

### PIER BASE

- 550PB

### BALLASTS<sup>3,4</sup>

- 35HPS<sup>1</sup>
- 50HPS
- 70HPS
- 100HPS
- 150HPS
- 250HPS
- 50MHP
- 70MHP
- 100MHP
- 150MHP
- 200MHP
- 250MHP

### LAMPS<sup>4</sup>

- HPS35/MED
- HPS50/MED
- HPS70/MED
- HPS100/MED
- HPS150/MED
- HPS250/MOG/ED18
- MHP50/MED
- MHP70/MED
- MHP100/MED
- MHP150/MED
- MHP200/MOG/ED28
- MHP250/MOG/ED28

### STANDARD FINISHES\*

- BKT Black Textured
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

\*Smooth Finishes are available upon request

### CUSTOM FINISHES

- OI Old Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone

### STERNBERG SELECT FINISHES

- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured

### OPTIONS

- PEC1 Photocell-Bimetal 120 Volt
- PEC2 Photocell-Bimetal 208-277 Volt
- PEC1-E Photocell-Electronic 120 Volt
- PEC2-E Photocell-Electronic 208-277 Volt
- FHS Single Fuse and Holder-120,277 Volt
- FHD Dual Fuse and Holder-208,240,480 Volt
- QR Quartz Re-Strike
- LAMPS Select from List

### NOTES:

- <sup>1</sup> 35HPS is 120 volt only.
- <sup>2</sup> MED base only when used to house lamp.
- <sup>3</sup> Medium base sockets standard with ballasts up to 150 watts HID. Mogul
- base sockets are standard with ballasts 200 watts and over.
- <sup>4</sup> Metal halide systems are pulse start.

**1730 VILLA SERIES****SPECIFICATIONS****LIST NO.  
1730 VILLA  
SERIES**

**House Side Shield (HSS)** is an option which will block up to 120° of light in any one direction.

**QUARTZ RE-STRIKE**

The 1730 fixture can be supplied with an optional quartz re-strike system to retain constant fixture light if the H.I.D. lamp fails. The fixture will be equipped with a 100 watt quartz lamp and a controller to run on a 120 volt circuit and must be used in conjunction with a 120 volt or multi-tap ballast.

**PHOTOCELLS**

Photocells shall be either the thermo bi-metal button type or the electronic button type. On single post top fixtures the photocell shall be mounted in the fitter and pre-wired to ballast. On multiple head fixture assemblies photocells shall be mounted in the pole shaft on an access plate and are not pre-wired as ballast housing assemblies and fitters are packaged separately for ease of wiring to source. The thermo bi-metal photocell shall be designed to turn on at 1.0 footcandle and turn off at not more than 5 footcandles. The electronic button type photocell is instant on and a 5-10 second turn off and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocells are either 120 volt or 208 thru 277 volt.

**ARMS**

All arms are made of cast aluminum and/or extruded aluminum. Arms with decorative filigree have meticulously detailed scroll work and gracefully curved brackets. All 1730 fixtures shall be bolted to the arm to ensure arms will be plumb, secure and level over the life of the installation.

**FINISH**

Prior to coating, each assembly shall be chemically cleaned and etched in a 5-stage washing system which includes alkaline cleaning, rinsing, phosphoric etching, reverse osmosis water rinsing and non-chrome sealing to ensure corrosion resistance and excellent adhesion for the finish coating. The finish coating shall be electrostatically applied semi-gloss, super durable polyester powder baked at 400 degrees for a durable and superior, color retentive finish. Our optional antique Verde Green finish and Swedish Iron finish are hand brushed using a 3-step process. The total assembly shall be wrapped in shockproof wrapping or fully enclosed in corrugated cartons.

**WARRANTY**

Five-year limited warranty. See product and finish warranty guide for details.





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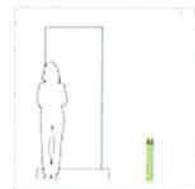
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**IN STOCK** Ships within 2 business days.

### Details

The SLV Lighting Vap Slim 60 Outdoor Bollard has a functional, conical design with a subtle, futuristic flair. Its open fluorescent light source provides 360° illumination for your walkways and patio areas without drawing attention to itself. The fixture is made of stainless steel for durable, long-lasting use.

For 35 years, SLV has been providing innovative lighting solutions for both residential and commercial customers. Based in western Germany, SLV wants to help you experience "the joy of playing with light" with their full line of indoor and outdoor lighting.

**SEE SCALE DRAWING**

The Vap Slim 60 Outdoor Bollard is available with the following:

#### Details:

- Material: Stainless Steel 304
- Max Lamping Size Restrictions: 1.97" x 4.92"
- Earth spike and Concrete anchor set available separately
- ETL Listed Wet

#### Lighting:

- One 20 Watt 120 Volt E26 Base Fluorescent Lamp(s) (Not Included)

#### Compare Brightness:

[VIEW CHART](#)

#### Dimensions:

- **Bulb:** Maximum Overall Length (MOL) 4.92", Maximum Thickness 1.97"
- **Fixture:** Height 23.62", Diameter 4.02", Weight 5.5 Lbs.

**Manufacturer IDs:** [view](#)

Need help with some of our terminology? Check out [Lumens' Lighting & Design Glossary](#).

### Diagram

