

**CITY OF BLOOMINGTON
COUNCIL MEETING AGENDA
109 E. OLIVE
MONDAY, SEPTEMBER 24, 2012, 7:00 P.M.**

- 1. Call to order**
- 2. Pledge of Allegiance to the Flag**
- 3. Remain Standing for a Moment of Silent Prayer**
- 4. Roll Call of Attendance**
- 5. Recognition/Appointments**
 - A. Valerie Dumser – Appointment to Beautification Committee**
- 6. “Consent Agenda”**
 - A. Council Proceedings of September 10, 2012 and Work Session Minutes of July 23, 2012. (Recommend that the reading of the minutes of the previous Council Proceedings of September 10, 2012 and Work Session Minutes of July 23, 2012 be dispensed with and the minutes approved as printed.)**
 - B. Bills and Payroll. (Recommend that the Bills and Payroll be allowed and the orders drawn on the Treasurer for the various amounts as funds are available.)**
 - C. Lake Bloomington Lease Transfer Petition for Lots 6 & 7, Block 2 of Camp Kickapoo from William R. and Mary E. Masters to Jeffrey A. and Diana L. Lowe. (Recommend that the Lake Lease be approved and the Mayor and City Clerk be authorized to execute the necessary documents.)**
 - D. Lake Bloomington Lease addition for Lot 1, Block 29 in Camp Potawatomie. (Recommend that the Lake Lease be approved and the Mayor and City Clerk be authorized to execute the necessary documents.)**
 - E. Petition from the Ireland Grove Properties, LLC Requesting Approval of a Water Main Easement Dedication, located at 1603-1607 Tullamore Avenue,**

south of Ireland Grove Road. (Recommend that the Petition be approved and the Ordinance passed.)

- F. Intergovernmental Agreement with District 87 for Providing Salt for 2012/2013 Winter Season. (Recommend that the Agreement be approved and the Mayor and City Clerk be authorized to execute the necessary documents.)
- G. Purchase of a Sole Source Bulk Water Dispensing Unit. (Recommend that the purchase of a sole source Truck Fill System bulk water dispensing unit from Northern Water Works Supply of DeKalb, Illinois in the amount of \$29,900 be approved, and the Purchasing Agent be authorized to issue a Purchase Order for same.)
- H. Bid Analysis for Water Treatment Chemicals. (Recommend that the bids be awarded to the various vendors and the Purchasing Agent authorized to issue Purchase Orders for same.)

7. Public Hearing

8. Regular Agenda”

- A. Analysis of Request for Proposals (RFP) for Taxable Capital Lease. (Recommend that the RFP for Taxable Capital Lease be awarded to Commerce Bank in the amount of \$5.5 million, and the Mayor and City Clerk be authorized to execute the necessary documents.) *(15 minutes)*
- B. Presentation and Video Streaming Technology for City Council Chambers. (Recommend that the unit prices from Zeller Digital Innovations, Inc. (Zdi), for the purchase and implementation of video presentation, recording and streaming technology in the amount of \$80,215 be accepted, the contract be approved, and the Mayor and City Clerk be authorized to execute the necessary documents.) *(25 minutes)*

9. City Manager’s Discussion

10. Mayor’s Discussion

11. City Aldermen’s Discussion

12. Executive Session - cite section

13. Adjournment

14. Notes

FOR COUNCIL: September 24, 2012

SUBJECT: Appointment to the Beautification Commission

RECOMMENDATION/MOTION: That the Appointment be approved.

BACKGROUND: I ask your concurrence in the appointment of Valerie Dumser of 809 W. Washington, Bloomington 61701 to the Beautification Commission. Her 4 year term will begin September 24, 2012.

COMMUNITY GROUPS/INTERESTED PERSONS CONTACTED: Not applicable.

FINANCIAL IMPACT: Not applicable.

Respectfully submitted for Council consideration.

Prepared by:

Recommended by:

Kathryn Buydos
Executive Assistant

Stephen F. Stockton
Mayor

Attachments: Attachment 1. Beautification Commission Roster

Motion: _____ Seconded by: _____

	Aye	Nay	Other		Aye	Nay	Other
Alderman Anderson				Alderman Purcell			
Alderman Fazzini				Alderman Sage			
Alderman Fruin				Alderman Schmidt			
Alderman McDade				Alderman Stearns			
Alderman Mwilambwe							
				Mayor Stockton			

Bloomington Beautification Committee

Category	Staff/Chair	Title	First Name	Last Name	Street	City	State	Zip	Expiration	Appointment Date	Year First Appt	Number of Years Served	Attendance Last 12 Meetings
Beautification Committee			Tammi	Winters	1120 S. Low St	Bloomington	IL	61701	04/30/10	09/01/07	2007		9
Beautification Committee			Martha	Burk	904 S. Clinton	Bloomington	IL	61701	04/30/13	01/11/10	2010		9
Beautification Committee			Patricia	Morin	1405 N Clinton Blvd	Bloomington	IL	61701	04/30/15	08/22/11	2011		
Beautification Committee			Marlene	Gregor	107 W Market St	Bloomington	IL	61701	04/30/15	08/22/11	2011		
Beautification Committee			Josh	Barnett	2322A Rainbow Ave	Bloomington	IL	61704	04/30/15	08/22/11	2011		
Beautification Committee			VACANT										
Beautification Committee			VACANT										
Beautification Committee			Anne	Driskell	1228 Bancroft Dr	Bloomington	IL	61704	04/30/15	09/12/11	2011		
Beautification Committee			Sue	Floyd	608 N Lee	Bloomington	IL	61701	04/30/13	01/11/10	2010		9
Beautification Committee			Julie	Morton	204 W. Tanner St	Bloomington	IL	61701	04/30/10	09/01/07	2007		4 of 8
Beautification Committee			Marti	DuLac	24 Stonehedges	Bloomington	IL	61704	04/30/11	04/01/04	2004		5 of 7
Beautification Committee	Ex-officio		Wade	Abels	503 E. Emerson St	Bloomington	IL	61701					
Beautification Committee	Ex-officio		Jan	Lauderman	4 Oxford Ct	Bloomington	IL	61704					
Beautification Committee	Chair		Stan	Cain	10 Barley Circle	Bloomington	IL	61704	04/30/10	04/01/90	1990		12

Beautification Committee	Staff		Jeff	Hindman	Parks & Recreation								
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Number of Vacancies
2

Number of Applications on file
5

Number of Expired Board Members
4

Request for reappointments:
Stan Cain emailed a request (12/19/2011) that Tammi Winters, Julie Morton, Marty DuLac, and Stan Cain be reappointed.

Notes
4 year terms
12 members, 2 ex-officio members
Number Mayor Appoints: 12
Type: Internal
City Code:
Required by code - State or City: No
Meets the 4th Thurs of each month at 7:00pm - Blm Library Community Room

FOR COUNCIL: September 24, 2012

SUBJECT: Council Proceedings of September 10, 2012 and Work Session Minutes of July 23, 2012

RECOMMENDATION/MOTION: That the reading of the minutes of the previous Council Proceedings of September 10, 2012 and Work Session Minutes of July 23, 2012 be dispensed with and the minutes approved as printed.

BACKGROUND: The Council Proceedings of September 10, 2012 and Work Session Minutes of July 23, 2012 have been reviewed and certified as correct and complete by the City Clerk.

In compliance with the Open Meetings Act, Council Proceedings must be approved within thirty (30) days after the meeting or at the Council’s second subsequent regular meeting whichever is later.

In accordance with the Open Meetings Act, Council Proceedings are made available for public inspection and posted to the City’s web site within ten (10) days after Council approval.

COMMUNITY GROUPS/INTERESTED PERSONS CONTACTED: Not applicable.

FINANCIAL IMPACT: Not applicable.

Respectfully submitted for Council consideration.

Prepared by:

Recommended by:

Tracey Covert
City Clerk

David A. Hales
City Manager

Motion: _____ Seconded by: _____

	Aye	Nay	Other		Aye	Nay	Other
Alderman Anderson				Alderman Purcell			
Alderman Fazzini				Alderman Sage			
Alderman Fruin				Alderman Schmidt			
Alderman McDade				Alderman Stearns			
Alderman Mwilambwe							
				Mayor Stockton			

FOR COUNCIL: September 24, 2012

SUBJECT: Bills and Payroll

RECOMMENDATION/MOTION: That the bills and payroll be allowed and orders drawn on the Treasurer for the various amounts as funds are available.

BACKGROUND: The list of bills and payrolls will be posted on the City’s website on Thursday, September 20, 2012 by posting via the City’s web site.

COMMUNITY GROUPS/INTERESTED PERSONS CONTACTED: Not applicable.

FINANCIAL IMPACT: Total disbursements information will be provided via addendum.

Respectfully submitted for Council consideration.

Prepared by:

Recommended by:

Patti-Lynn Silva
Director of Finance

David A. Hales
City Manager

(ON FILE IN CLERK’S OFFICE)

Attachment: Attachment 1. Bills and Payroll on file in the Clerk’s office. Also available at www.cityblm.org

Motion: _____ Seconded by: _____

	Aye	Nay	Other		Aye	Nay	Other
Alderman Anderson				Alderman Purcell			
Alderman Fazzini				Alderman Sage			
Alderman Fruin				Alderman Schmidt			
Alderman McDade				Alderman Stearns			
Alderman Mwilambwe							
				Mayor Stockton			

FOR COUNCIL: September 24, 2012

SUBJECT: Lake Bloomington Lease Transfer Petition for Lots 6 & 7, Block 2 of Camp Kickapoo from William R. and Mary E. Masters to Jeffrey A. and Diana L. Lowe

RECOMMENDATION/MOTION: That the Lake Lease be approved and the Mayor and City Clerk be authorized to execute the necessary documents.

BACKGROUND: Staff has reviewed the Lake Bloomington Lease Transfer Petition for Lots 6 & 7, Block 2 in Camp Kickapoo from William R. and Mary E. Masters to Jeffrey A. and Diana L. Lowe. The sewage disposal system inspection was completed in August of 2012 and the septic system was functioning properly at that time. The sewage disposal system is 13 years old. The McLean County Health Department estimates sewage disposal systems have an average life span of approximately 20-25 years. However, this can be affected greatly by usage patterns of the premises (seasonal versus full time occupancy) and system maintenance.

COMMUNITY GROUPS/INTERESTED PERSONS CONTACTED: There were no Community Groups contacted for this petition as it is a routine matter.

FINANCIAL IMPACT: This petition will have a neutral financial impact in that the lease uses the current formula, (\$0.40 per \$100 of Equalized Assessed Value) to determine the Lake Lease Fee. The current lake lease formula will generate approximately \$850 per year in lease income for the Water Fund. This lake lease income will be posted to Lake Lease revenue account line item 50100140-57590.

It should be noted the term of this lease will expire on December 31, 2131, the same term as other lease renewals since 1998.

Respectfully submitted for Council consideration,

Prepared by:

Financial review by:

Reviewed by:

Craig M. Cummings
Water Director

Patti-Lynn Silva
Finance Director

Barbara J. Adkins
Deputy City Manager

Legal review by:

Recommended by:

Rosalee Dodson
Assistant Corporation Counsel

David A. Hales
City Manager

Attachments: Attachment 1. Transfer Petition
Attachment 2. Lake Lease
Attachment 3. Map

Motion: _____ Seconded by: _____

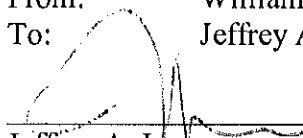
	Aye	Nay	Other		Aye	Nay	Other
Alderman Anderson				Alderman Purcell			
Alderman Fazzini				Alderman Sage			
Alderman Fruin				Alderman Schmidt			
Alderman McDade				Alderman Stearns			
Alderman Mwilambwe							
				Mayor Stockton			

LAKE BLOOMINGTON LEASE TRANSFER PETITION

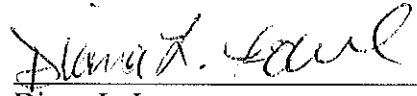
That the purchase price and rentals having been paid to the City of Bloomington for:
Lots 6 & 7 Block 2 Camp Kickapoo

I respectfully petition the City Council of the City of Bloomington, Illinois to approve the transfer of the Lease on the above property:

From: William R. Masters and Mary E. Masters
To: Jeffrey A. Lowe and Diana L. Lowe



Jeffrey A. Lowe

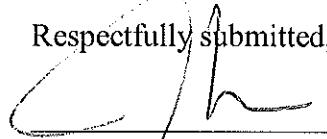


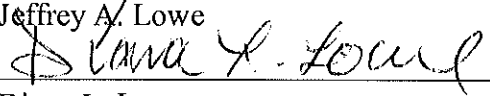
Diana L. Lowe

To the Honorable Mayor and City Council of the City of Bloomington, Illinois:
Now comes Jeffrey A. Lowe and Diana L. Lowe and respectfully show that they became the purchaser of all right, title and interest of William R. Masters and Mary E. Masters in and to the Lease made on the (Date) _____ upon the above property, all located in McLean County, Illinois, together with all the improvements, buildings and appurtenances thereon situated and thereunto belonging, and that the said William R. Masters and Mary E. Masters has executed deed of transfer of their interest in said premises and an assignment of the Leases therefore your petitioner.

Petitioner further shows that in and by the terms of said Leases it was provided that the Lessee shall not sell, assign or transfer said premises without the written consent of the Lessor.

Petitioner therefore prays that the written consent to said transfer may be forthwith provided by the said Lessor, the City of Bloomington, Illinois and your petitioner has submitted herewith a form of said written consent.

Respectfully submitted,


Jeffrey A. Lowe


Diana L. Lowe

WRITTEN CONSENT TO TRANSFER INTEREST IN LEASES UPON LOTS 6 & 7 IN BLOCK 2 CAMP KICKAPOO, OF LAKE BLOOMINGTON.

Now comes the City of Bloomington and gives this, its written consent to the assignment on all right, title and interest of William R. Masters and Mary E. Masters in and to the premises known as Lots 6 & 7, Block 2 in Camp Kickapoo, McLean County, Illinois and to the leases thereon executed by the City of Bloomington, Illinois.

Said consent to said assignment and transfer however, is with the express understanding that the said Lessor retains all right in said leases provided, and particularly its right to the payment of any unpaid rental thereon with all legal remedies incidental thereto.

Executed this _____ day of _____, 2012.

Mayor

LAKE BLOOMINGTON LEASE

THIS LEASE is entered into on the _____ day of _____, 2012 between the City of Bloomington, a municipal corporation, of McLean County, Illinois, hereinafter called CITY and Jeffrey A. Lowe and Diana L. Lowe as tenants by the entirety of Bloomington, County of McLean, State of Illinois, hereinafter called "Lessee,"

WITNESSETH

In consideration of the mutual covenants hereinafter contained, the parties agree as follows:

- 1. PREMISES. The City leases to Lessee the following described real estate owned by the City in the vicinity of Lake Bloomington, Illinois as follows:

Lots 6 & 7 in Block 2 in Camp Kickapoo according to the private unrecorded plat of the ground belonging to the City located around Lake Bloomington in Hudson and Money Creek Townships in McLean County, Illinois.

- 2. TERM OF LEASE. The term of this Lease shall be for a term commencing on the date of this Lease and terminating on December 31, 2131, unless sooner terminated as provided in this Lease.

- 3. RENT.

- A. Lessee shall pay as rent yearly, in advance, on or before the first day of January of each year, the amount designated hereafter:

~~1) If this Lease is executed prior to January 1, 1998, rent shall be charged at the rate of 15¢ (\$.15) per \$100 of equalized assessed value (hereafter EAV) for said property, including land and improvements, as determined by the Supervisor of Assessments of McLean County, Illinois. Said rate will remain in effect upon assignment of this Lease to (a) Lessee's spouse or to a corporation, trust or other entity created by Lessee or Lessee's spouse if Lessee or Lessee's spouse occupies the property immediately after said assignment, or (b) a Lessee who paid fair market value for the property (i.e., a purchaser) prior to January 1, 1998 for the assignment of the prior Lease.~~

2) If this Lease is executed by a Lessee who, after December 31, 1997, paid fair market value for an assignment of a Lease on which the rent was 15¢ (\$.15) per \$100 EAV, the rent shall be charged at the rate of 40¢ (\$.40) per \$100 EAV. This rate will remain in effect throughout the remainder of the term of this Lease regardless of subsequent assignments thereafter.

3) ~~If the Lessee is not eligible for the 15¢ (\$.15) or 40¢ (\$.40) per \$100 EAV rental rate, the rent shall be charged at the rate of _____¢ (\$. _____) per \$100 EAV.~~

B. In the event the system of real estate taxation is changed from its present basis of assessment at no more than one-third of market value, the assessed value as then determined by the Supervisor of Assessments of McLean County will be adjusted so that it will reflect no more than one-third of the market value of the premises. If assessed value is no longer used as the basis of taxation, then the annual changes in the Consumer Price Index, or successor index, for all items for the Chicago region, published by the United States Department of Labor will be the basis for determining changes in the property value for purpose of calculating the annual rent with the following condition. Either City or Lessee may review the value of the property as adjusted by the Consumer Price Index every five years to compare it to the actual fair market value of the property. If the property value determined by the formula set forth in this lease is five percent (5%) or more greater or less than the actual fair market value of the property, the rent for that year shall be recalculated using one third of the actual fair market value and rent adjustments for all subsequent years shall be based on the actual fair market value as adjusted for changes in the Consumer Price Index. If the Consumer Price Index or its successor index is no longer published by the United States Department of Labor or is no longer used, an appropriate economic indicator will be used to determine the annual change in rent, if any.

4. REAL ESTATE TAXES. Lessee shall pay all real estate taxes levied during the term of this Lease against said premises and improvements thereon by the State of Illinois or any subdivision thereof.
5. IMPROVEMENTS. Lessee shall be permitted to make improvements upon the premises that are in compliance with the laws of the State of Illinois and the ordinances of the City and the County of McLean. The ordinances of the City shall be in full force and effect and in the same manner as if the above-described premises were located within the boundaries of the City of Bloomington. Prior to commencement of construction of any improvements, Lessee shall be required to petition and receive approval from all governmental bodies having jurisdiction over said premises.
6. SEPTIC SYSTEM. Lessee agrees to comply with all sanitary laws and regulations of any governmental body having jurisdiction over the leased premises. Lessee agrees at all times to use Lessee's property in such manner and dispose of the sewage generated from said property so as not to contaminate the waters of Lake Bloomington. When a public sanitary sewer is made available to serve the leased premises, the City shall have a right to require Lessee to connect to the sewer within a reasonable time after notice is given.
7. WATER. Lessee shall be permitted to purchase water from the City through water mains provided by the City, and Lessee will pay the rates in effect from time to time for water sold to Lake Bloomington customers. Lessee agrees not to pump water directly from Lake Bloomington except for the purpose of watering and maintaining lawns and other landscape materials on the leased premises, and such pumping shall cease at any time there are and for as long as there are restrictions in effect for the City of Bloomington that restrict the watering of lawns.
8. GARBAGE. City will provide weekly garbage service at a fee to be set by the City from time to time, which shall be in addition to the annual rent paid by Lessee. However, so long as no residence is located on the leased premises, no fee for garbage collection will be paid by Lessee.
9. ASSIGNMENT. Lessee shall not have the right to sell, assign, or transfer this Lease or to rent, sublet or to allow other persons to occupy the premises without the written consent of the City. However, the City shall not withhold its consent to a sale, assignment or transfer of this Lease if Lessee is not in default as defined in paragraph 13 and the sale, assignment or transfer is made in

accordance with all applicable City ordinances and such rules and regulations as adopted by the City from time to time pursuant to paragraph 10. City will promptly issue a new Lease to the new Lessee containing the same terms as this lease. Thereupon, this Lease will automatically terminate and the parties will be freed of any obligations thereunder. Lessee shall have the right to mortgage Lessee's interest in said premises, but Lessee shall not have the right to mortgage the interest of City in the premises.

10. **RULES & REGULATIONS.** Lessee and those occupying the leased premises are subject to such reasonable rules and regulations as may be adopted by Lessor from time to time after notice of hearing on such proposed rules and regulations is given to Lessee.
11. **USE OF AND ACCESS TO LAKE.** Lessee and those persons lawfully occupying the leased premises shall have the right to use Lake Bloomington for boating, swimming, fishing, and other recreational uses, but shall be subject to the reasonable rules and regulations of Lessor, which rules and regulations will apply equally to Lessees of Lake Bloomington property and the public generally. City grants to Lessee an easement for access to Lake Bloomington over property owned by the City lying between the shoreline of Lake Bloomington and the boundary of the leased premises.
12. **TREE CUTTING.** No trees on the leased premises shall be removed without the permission of the City except that Lessee can trim trees for safety, plant health, or aesthetic reasons, and Lessee may remove dead trees from the leased premises.
13. **DEFAULT.** If Lessee defaults in the payment of rent or defaults in the performance of any of the covenants or conditions hereof, City may give to Lessee notice of such default and, if Lessee does not cure any rent default within thirty (30) days, or other default within sixty (60) days after the giving of such notice or, if such other default is of such nature that it cannot be completely cured within such sixty (60) days, if Lessee does not commence such curing within such sixty (60) days and thereafter proceed with reasonable diligence and in good faith to cure such default, then Lessor may terminate this Lease on not less than thirty (30) days notice to Lessee and, on the date specified in said notice, the term of this Lease shall terminate and Lessee shall then quit and surrender the premises to City. If this Lease shall have been so terminated by City, City may, at any time thereafter, resume possession of the premises by any lawful means and remove Lessee or other occupants and their effects. Remedies of City hereunder are in addition to any other remedy allowed by law.
14. **TERMINATION BY LESSEE.** Lessee shall have the right to terminate this Lease upon sixty (60) days written notice to the City of Bloomington and, in that event, Lessee may remove any improvements from the property and shall restore the ground to the condition it was in when first leased to the City. Any improvements remaining on the property after the Lease terminates shall be deemed abandoned by the Lessee and shall become the property of the City.
15. **EMINENT DOMAIN.** If the leased premises or any part thereof is taken or damaged by eminent domain or the threat thereof, the just compensation received in payment shall be divided between City and Lessee as follows:

That portion of the award for the taking and/or damaging the City's remainder interest in the land following the expiration of this Lease shall be paid to City. That portion of the award for the taking or damaging the leasehold interest of Lessee in the leased premises or the improvements located thereon shall be paid to Lessee.

16. PRIOR LEASE TERMINATED. If there is in effect upon the execution of this Lease a prior Lease between the City and Lessee covering the same premises as this Lease, then said Lease is terminated as of the commencement of the term on this Lease as set forth in Paragraph 2.
17. NOTICE. Any notice by either party to the other shall be in writing and shall be deemed to be duly given if delivered personally or mailed postpaid by regular mail, except that a notice given under Paragraph 12 must be delivered personally or mailed by registered or certified mail in a postpaid envelope, addressed as follows:

City

City of Bloomington
City Hall
109 E. Olive Street
Bloomington, IL 61701

Lessee Name and Mailing Address

Jeffrey A. Lowe and Diana L. Lowe
18379 Kickapoo Lane
Hudson, Illinois 61748

Lessee Billing Address

Jeffrey A. Lowe and Diana L. Lowe
18379 Kickapoo Lane
Hudson, Illinois 61748

18. BINDING EFFECT. This agreement shall be binding upon the heirs, personal representatives, successors, and assigns of each of the parties hereto.

IN WITNESS WHEREOF, the Lessor has caused this instrument to be executed by its Mayor and City Clerk, and the Lessee has executed this agreement as of the day and year above written.

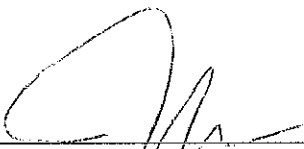
-Lessor-

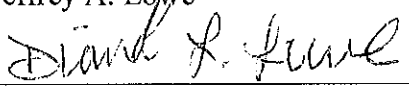
-Lessee-

CITY OF BLOOMINGTON

By: _____
Its Mayor

Attest:



Jeffrey A. Lowe


Diana L. Lowe

City Clerk

18379 Kickapoo Lane -
Lake Bloomington

Kickapoo Ln

Ron Smith Memorial Hwy

18379

18387

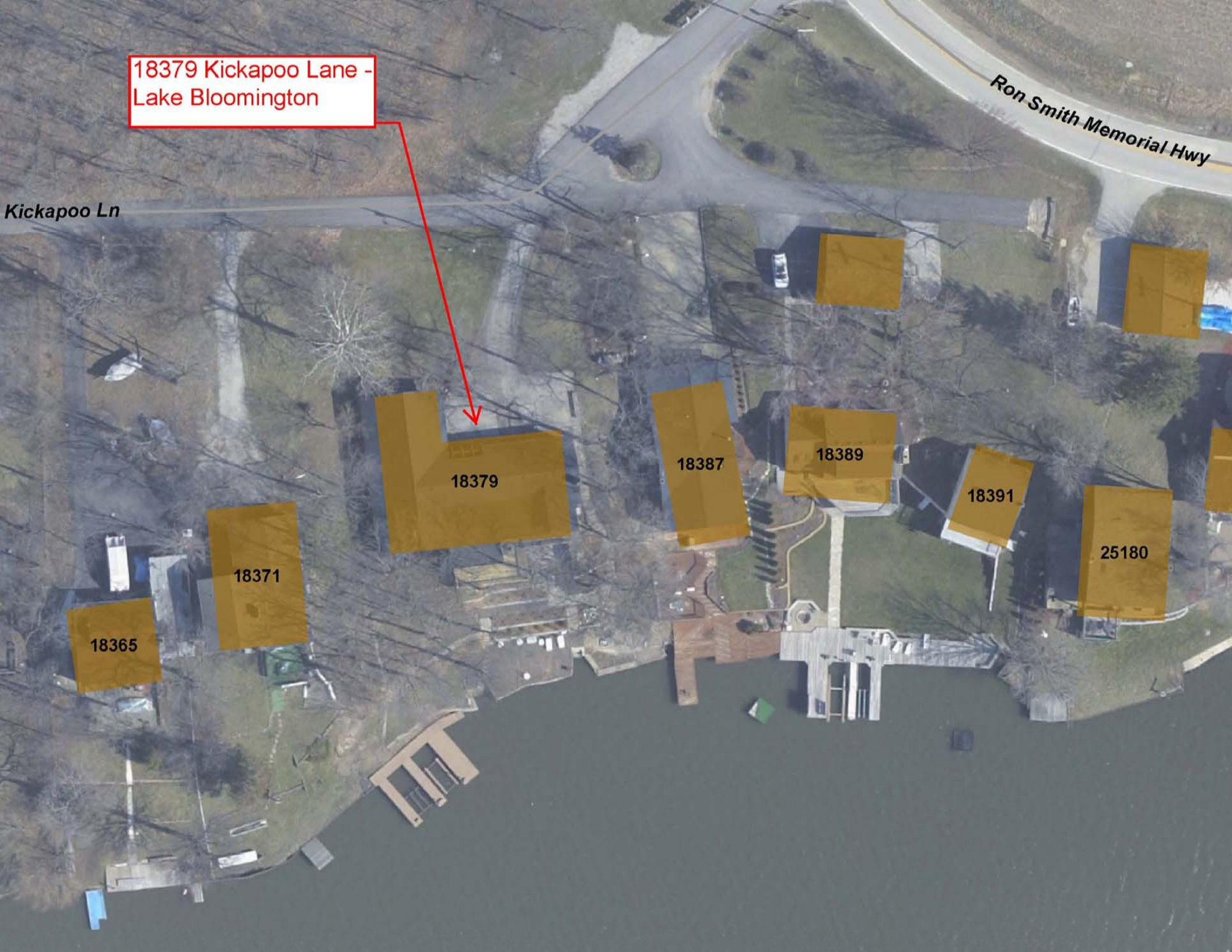
18389

18391

25180

18371

18365



FOR COUNCIL: September 24, 2012

SUBJECT: Lake Bloomington Lease addition for Lot 1, Block 29 in Camp Potawatomie

RECOMMENDATION/MOTION: That the Lake Lease be approved and the Mayor and City Clerk be authorized to execute the necessary documents.

BACKGROUND: The lease for Lot 1, Block 29 of Camp Potawatomie was transferred in 1998. When the owner of the property applied for a building permit from McLean County to rebuild an existing porch, it was discovered that the porch and part of the house extended over land owned by the City but not in the description of the lease for the property. This encroachment has apparently existed for some time. In order for a permit to be issued, the County Building and Zoning Department requires that the home and all of its appurtenances be within the legally described leased property. This lease addition, amounting to approximately 1,345 square feet does not add materially to the property already leased from the City. It is being recommended to clear up the issue of the entire building being within the legally described lease so a permit can be issued.

COMMUNITY GROUPS/INTERESTED PERSONS CONTACTED: There were no Community Groups contacted for this petition as it is a routine matter.

FINANCIAL IMPACT: This petition will have a neutral financial impact. This lease is at the formula of \$0.15 per \$100 of Equalized Assessed Value. The current lease rate is about \$105 per year. This addition is approximately 1,345 square feet and does not add materially to this leased property. This lake lease income will be posted to Lake Lease revenue account 50100140-57590.

Respectfully submitted for Council consideration,

Prepared by:

Financial review by:

Reviewed by:

Craig M. Cummings
Water Director

Patti-Lynn Silva
Finance Director

Barbara J. Adkins
Deputy City Manager

Legal Review by:

Recommended by:

Rosalee Dodson
Assistant Corporation Counsel

David A. Hales
City Manager

Attachments: Attachment 1. Legal Description
 Attachment 2. Lake Lease
 Attachment 3. Ariel Map

Motion: _____ Seconded by: _____

	Aye	Nay	Other		Aye	Nay	Other
Alderman Anderson				Alderman Purcell			
Alderman Fazzini				Alderman Sage			
Alderman Fruin				Alderman Schmidt			
Alderman McDade				Alderman Stearns			
Alderman Mwilambwe							
				Mayor Stockton			

Legal Description – Proposed Additional Lease Area

A part of the E $\frac{1}{2}$ of the NW $\frac{1}{4}$ of Section 12 Township 25 North, Range 2 East of the Third Principal Meridian, McLean County, Illinois, more particularly described as follows: Beginning at the northeast corner of Lot 1 in Bock 29 of the unrecorded Plat of Camp Potowatomie in the possession of the City of Bloomington; thence Southeasterly 30.00 feet on the Easterly extension of the north line of said Lot 1; thence Southeasterly 8.00 feet on a line that forms an angle to the left of 123°-19'-59" with the last described course; thence Southwesterly 72.00 feet on a line that forms an angle to the left of 144°-56'-43" with the last described course to the southeast corner of said Lot 1; thence Northerly 85.00 feet to the Point of Beginning on a line that forms an angle to the left of 24°-00'023" with the last described course.

Said Proposed Additional Lease Area containing 1,345.19 square feet/0.03 acres, more or less, as determined by this survey.

**AMENDMENT TO LAKE BLOOMINGTON LEASE FOR LOT 1, BLOCK 29 OF CAMP
POTAWATOMIE**

THIS AMENDMENT is made this ___ day of September, 2012 by and between the City of Bloomington, a municipal corporation, of McLean County, Illinois (hereinafter referred to as "City") and Shirley Newberry, of Lexington, McLean County, Illinois (hereinafter referred to as "Lessee").

THIS AMENDMENT IS ENTERED INTO on the basis of the following facts, intentions and understanding of the parties:

- A. In 1998, the City and Lessee entered into a Lease Agreement for property owned by the City in the vicinity of Lake Bloomington, Illinois for Lot 1, Block 29 of Camp Potawatomie.
- B. Said Lease expires on December 31, 2131, unless sooner terminated as provided for in the Lease Agreement.
- C. When Lessee applied for a building permit from McLean County to rebuild an existing porch, it was discovered that the porch and part of the house extended over land owned by the City, but not in the description of the Lease Agreement.
- D. In order for a permit to be issued, McLean County requires that the house and all of its appurtenances be within the legally described leased property.
- E. Lessee desires to lease additional property from the City; such addition does not add materially to the property.

NOW, THEREFORE, in consideration of the mutual promises hereinafter expressed between the parties, and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the parties agree as follows:

- 1. The Lease Agreement shall be amended in that added to and as an additional part of the premises is approximately 1,345 square feet of real property described in Exhibit A attached hereto and incorporated herein by reference.
- 2. All other terms and conditions contained in the Lease Agreement, except amended with the additional parcel to the premises, is otherwise unchanged and remains in full force and effect.

By: _____
Stephen F. Stockton, Mayor

By: _____
Shirley Newberry

Attest: _____
Tracey Covert, City Clerk

Attest: _____
Name, Title

PLAT OF SURVEY

LOT 1 IN BLOCK 29 IN CAMP POTOWATOMIE SUBDIVISION IN
THE E1/2, NW1/4 OF SEC. 12, T.25N, R.2E, 3P.M.,
MCLEAN COUNTY, ILLINOIS

Legal Description - Existing Lease Area

Lot 1 in Block 29 of the unrecorded Plat of Camp Potowatomie in the possession of the City of Bloomington, being a part of the E1/2 of the NW1/4 of Section 12, Township 25 North, Range 2 East of the Third Principal Meridian, McLean County, Illinois.

Said Lot 1 containing 6,403.16 square feet / 0.15 acres, more or less, as determined by this survey.

Legal Description - Proposed Additional Lease Area

A part of the E1/2 of the NW1/4 of Section 12, Township 25 North, Range 2 East of the Third Principal Meridian, McLean County, Illinois, more particularly described as follows: Beginning at the northeast corner of Lot 1 in Block 29 of the unrecorded Plat of Camp Potowatomie in the possession of the City of Bloomington; thence Southeasterly 30.00 feet on the Easterly extension of the north line of said Lot 1; thence Southeasterly 8.00 feet on a line that forms an angle to the left of 123°-19'-59" with the last described course; thence Southwesterly 72.00 feet on a line that forms an angle to the left of 144°-56'-43" with the last described course to the southeast corner of said Lot 1; thence Northerly 85.00 feet to the Point of Beginning on a line that forms an angle to the left of 24°-00'-23" with the last described course.

Said Proposed Additional Lease Area containing 1,345.19 square feet / 0.03 acres, more or less, as determined by this survey.

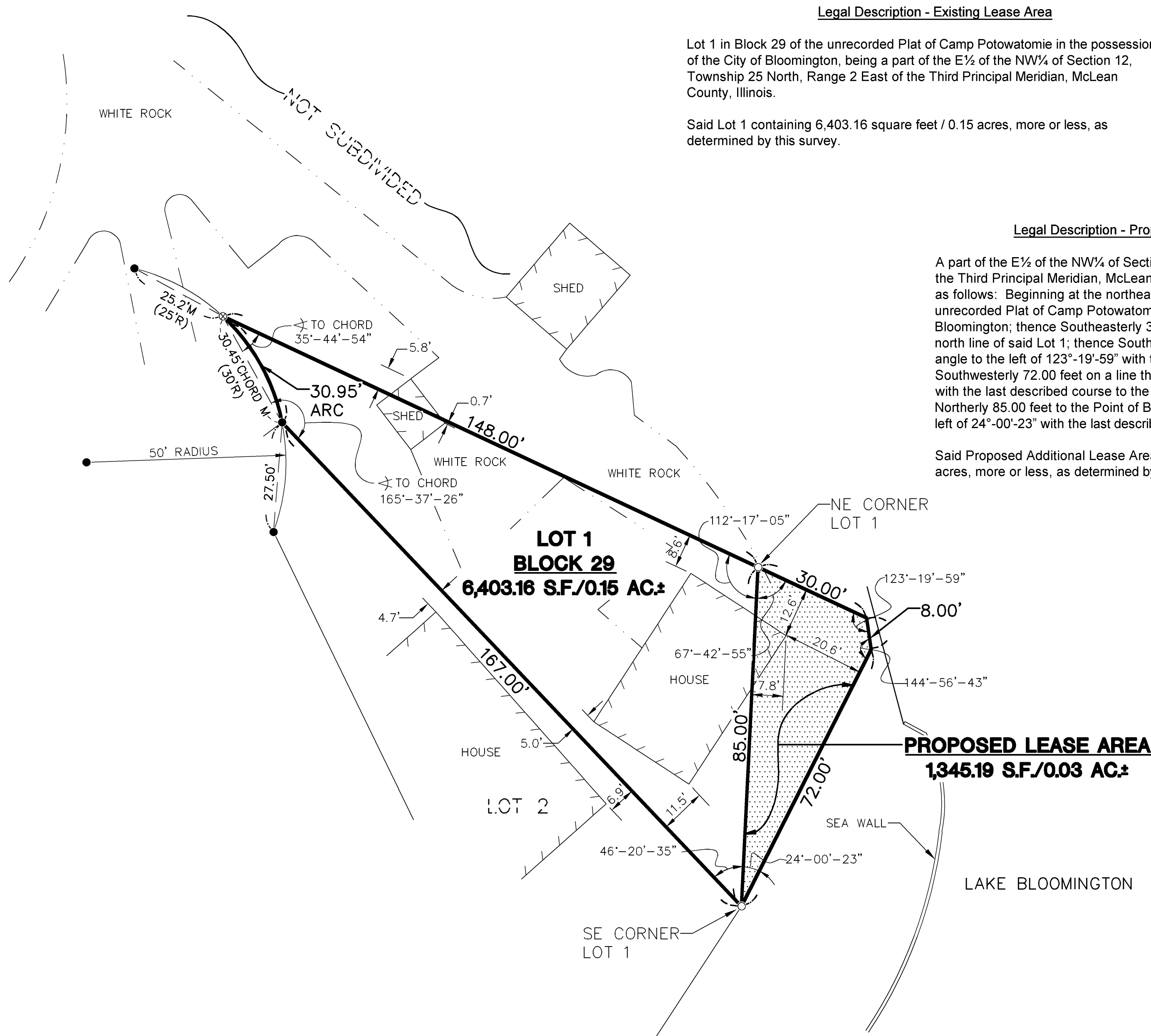


SCALE: 1" = 20'



LEGEND

- BOUNDARY OF SUBJECT PREMISES
- - - LIMITS OF WHITE ROCK
- IRON ROD FOUND
- ⊙ IRON PIPE FOUND
- 5/8" IRON ROD SET
- 30.45'M (30'R)
- DISTANCE MEASURED
- DISTANCE OF RECORD
- ▭ EXISTING BUILDING
- ▭ PROPOSED LEASE AREA



Surveyor's Notes

1. The parties requesting the hereon depicted survey did not furnish any evidence of title. There may be easements or other matters of record affecting the subject premises of which I am unaware and these matters, if any, are therefore not shown.
2. The existing shed and house located on the subject premises encroach onto adjoining lands lying North and East of Lot 1 as depicted hereon. Additionally, the owner of the subject premises uses the existing shed that lies North of Lot 1 as depicted hereon.
3. The white rock drive that provides vehicular access to the subject premises encroaches onto lands lying North of Lot 1 as depicted hereon.
4. There are other improvements (landscaping, dock, etc. located on the subject premises that are not shown.

01/05/2012

Lewis, Yockey & Brown, Inc. Consulting Engineers & Land Surveyors Professional Design Firm Registration #184.000806 505 North Main Street 222 East Center Street 155 South Elm Street Bloomington, Illinois LeRoy, Illinois El Paso, Illinois Ph. (309) 829-2552 Ph. (309) 962-8151 Ph. (309) 527-2552			Rev.		Bk.	674	PAYNE SURVEY EXHIBIT LOT 1 BLOCK 29 CAMP POTOWATOMIE SUBDIVISION MCLEAN COUNTY, ILLINOIS	Sheet	1
					Dsn.	DYA		or 1	
		App.	BKS						

1880.01



24685

24687

24695

FOR COUNCIL: September 24, 2012

SUBJECT: Petition from the Ireland Grove Properties, LLC Requesting Approval of a Water Main Easement Dedication, located at 1603-1607 Tullamore Avenue, south of Ireland Grove Road

RECOMMENDATION/MOTION: That the Petition be approved and the Ordinance passed.

BACKGROUND: This easement plat dedicates a twenty (20) foot easement for a public water main to be constructed at the Links at Ireland Grove Office Buildings.

COMMUNITY GROUPS/INTERESTED PERSONS CONTACTED: Ireland Grove Properties, LLC

FINANCIAL IMPACT: All survey and platting costs are being paid by Ireland Grove Properties, LLC

Respectfully submitted for Council consideration.

Prepared by:

Reviewed by:

Legal review by:

Jim Karch
Director of Public Works

Craig Cummings
Director of Water

Rosalee Dodson
Assistant Corporation
Counsel

Recommended by:

David A. Hales
City Manager

Attachments: Attachment 1. Petition
Attachment 2. Ordinance
Attachment 3. Legal Description
Attachment 4. Map

Motion: _____ Seconded by: _____

	Aye	Nay	Other		Aye	Nay	Other
Alderman Anderson				Alderman Purcell			
Alderman Fazzini				Alderman Sage			
Alderman Fruin				Alderman Schmidt			
Alderman McDade				Alderman Stearns			
Alderman Mwilambwe							
				Mayor Stockton			

ORDINANCE NO. 2012 - _____

**AN ORDINANCE PROVIDING FOR THE DEDICATION OF
WATERMAIN EASEMENT**

WHEREAS, there was heretofore filed with the City Clerk of the City of Bloomington, McLean County, Illinois, a petition requesting the Dedication of a Water main Easement for Ireland Grove Properties, LLC., Bloomington, Illinois on the premises heretofore described in Exhibit A attached hereto and made a part hereof by Ireland Grove Properties, LLC., the owner of the subject property; and

WHEREAS, said petition complies in all respects with the ordinances of said City and the statutes of the State of Illinois in such case made and provided; and

WHEREAS, the City Council of said City has the power to pass this Ordinance and grant said Dedication; and

WHEREAS, it is reasonable and proper to accept the said dedication of the Water main Easement as requested in this case.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BLOOMINGTON, MCLEAN COUNTY, ILLINOIS:

1. That the dedication of the 20 foot Water main Easement for 1603 – 1607 Tullamore Ave., Bloomington, Illinois, is hereby accepted.
2. The aforesaid dedication notwithstanding, the City reserves to itself and to all utilities an easement the full width of the dedicated Water main Easement for the purpose of laying, installing, maintaining, repairing, removing, or replacing such facilities as they may deem appropriate.
3. That this ordinance shall be in full force and effective as of the time of its passage and approval.

PASSED this 24th day of September, 2012.

APPROVED this _____ day of September, 2012.

Mayor

ATTEST:

City Clerk

Exhibit A

Description of Property

Lot 314 in the First Addition to Links at Ireland Grove Road Subdivision, Bloomington, Illinois, according to the plat thereof recorded January 26, 2006, as Document Number 2006-2199, McLean County, Illinois.

**PETITION FOR DEDICATION OF
WATERMAIN EASEMENT**

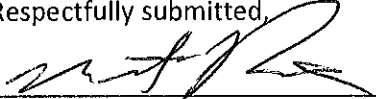
STATE OF ILLINOIS)
) SS.
COUNTY OF MCLEAN)

TO: THE HONORABLE MAYOR AND CITY COUNCIL OF THE CITY OF BLOOMINGTON, MCLEAN COUNTY, ILLINOIS

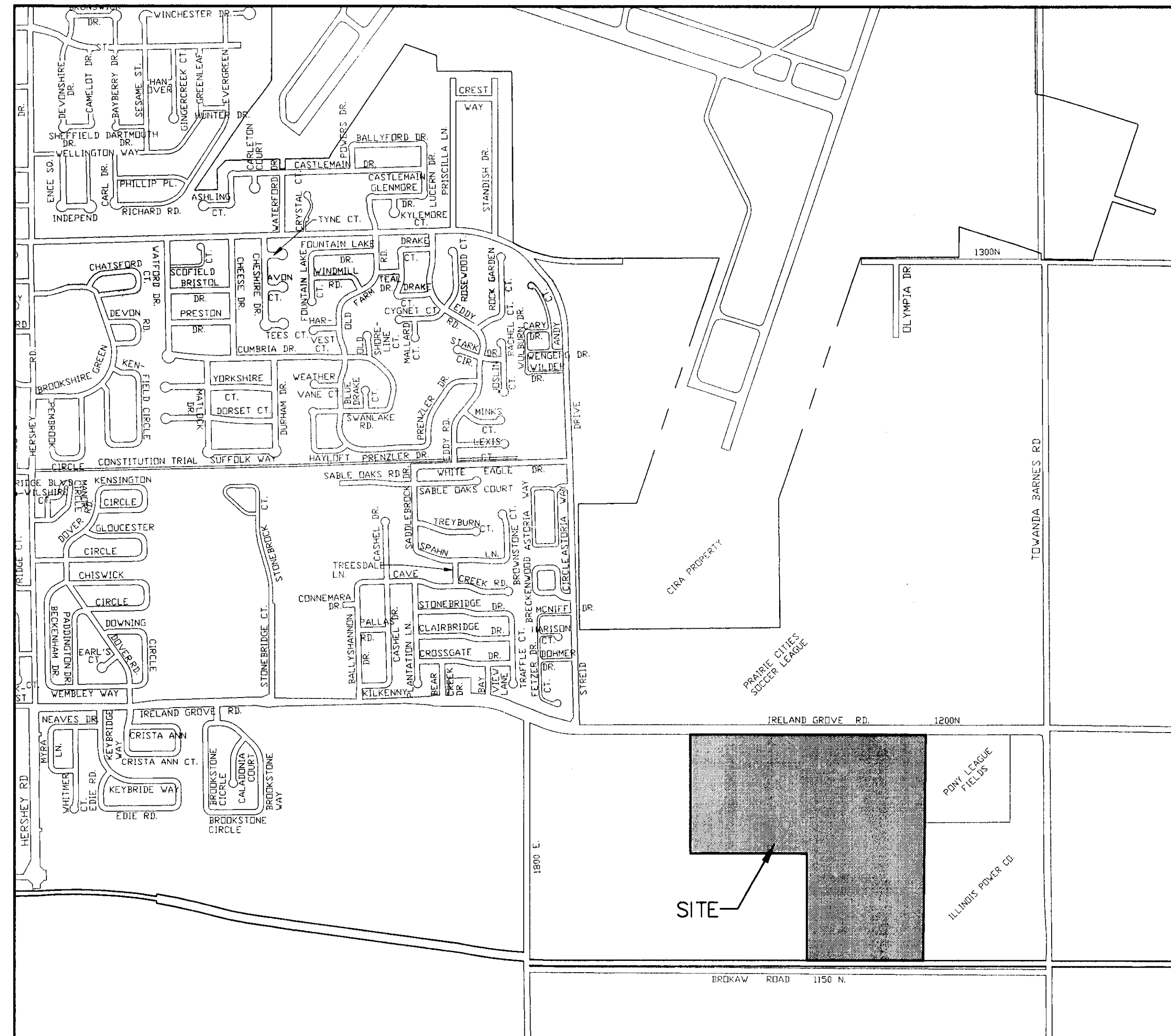
Now comes(s) Ireland Grove Properties, LLC, an Illinois limited liability company, and owner of the subject property, hereinafter referred to as your Petitioner(s), respectfully representing and requesting as follows:

1. That your Petitioner(s) is (are) interested in the dedication of a 20 foot wide Watermain Easement for 1603 – 1607 Tullamore Ave., Bloomington, Illinois, in the premises hereinafter described in Exhibit(s) A attached hereto and made a part hereof by this reference;
2. That your Petitioner(s) seek(s) approval of the dedication of the proposed 20 foot Watermain Easement located on said premises;
3. That said Dedication of the Watermain Easement is reasonable and proper for the further development of the property.

WHEREFORE, your Petitioner(s) pray(s) that the proposed Dedication of Watermain Easement for Ireland Grove Properties, LLC., Bloomington, Illinois be accepted with such further reservation of utility easements as may seem proper.

Respectfully submitted,

By: _____
Ireland Grove Properties, LLC, Petitioner

THE LINKS at IRELAND GROVE BLOOMINGTON, ILLINOIS



LOCATION MAP

INDEX TO SHEETS:

SHEET NO.	TITLE
1	COVER SHEET
2	OVERALL LAYOUT
3-7	LOT GRADING & EROSION CONTROL PLAN
8-11	SANITARY SEWER PLAN & PROFILE
12-14	WATERMAIN PLAN & PROFILE
15-19	STREET PLAN & PROFILE
20-23	DRAIN TILE PLAN
24-25	I.D.O.T. & EROSION CONTROL DETAILS
26	SEWER STANDARD DETAILS
27	WATERMAIN STANDARD DETAILS
28	

DEVELOPER

THE LINKS AT IRELAND GROVE, LLC
608 KINGSLEY ST.
NORMAL, IL 61761
309-888-4600

ATTORNEY

WILLIAM C. WETZEL
115 W. JEFFERSON ST.
SUITE 400
BLOOMINGTON, IL 61701
309-828-5281

ENGINEER

THOMAS D. STOLTZ, P.E.
FARNSWORTH GROUP, INC.
2709 MCGRAW DRIVE
BLOOMINGTON, IL 61704
309-863-8435

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS:
CONTRACTORS SHALL CALL THE TOLL FREE J.U.L.L.E. TELEPHONE NUMBER, 1-800-892-0123,
BEFORE STARTING EXCAVATION. ALLOW 48 HOURS FOR OTHER THAN EMERGENCY ASSISTANCE.

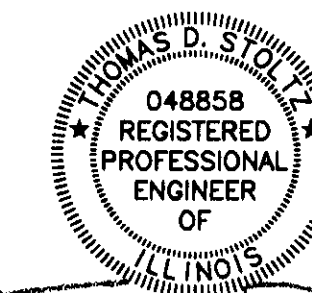
RECORD DRAWING 12-6-06

GENERAL NOTES:

1. THE DETENTION PONDS AND GOLF COURSE WILL BE PRIVATELY OWNED AND MAINTAINED BY "THE LINKS AT IRELAND GROVE L.L.C."
2. ALL STORM SEWERS WITHIN THE GOLF COURSE SHALL BE PRIVATELY OWNED AND MAINTAINED BY "THE LINKS AT IRELAND GROVE L.L.C."
3. ALL FLOOD ROUTES SHALL BE GRADED AND STABILIZED BY THE DEVELOPER DURING THE CONSTRUCTION OTHER PUBLIC IMPROVEMENTS.

BENCHMARK:

1. "X" CUT IN NORTH CONC. HEADWALL FIRST EAST OF SOCCER FIELDS IRELAND GROVE RD.
U.S.G.S. ELEV.=851.03
2. TOP OF FIRE HYDRANT S.E. COR. AIRPORT FENCE IRELAND GROVE RD.
U.S.G.S. ELEV.=850.77



Thomas D. Stoltz

Revisions	Date	Initials
1	03/22/05	TDS
2	05/16/05	TDS
3	06/10/05	TDS
4	06/18/05	TDS
5	06/23/05	TDS
6	07/29/05	TDS
7	09/30/05	TDS
8	11/23/05	TDS

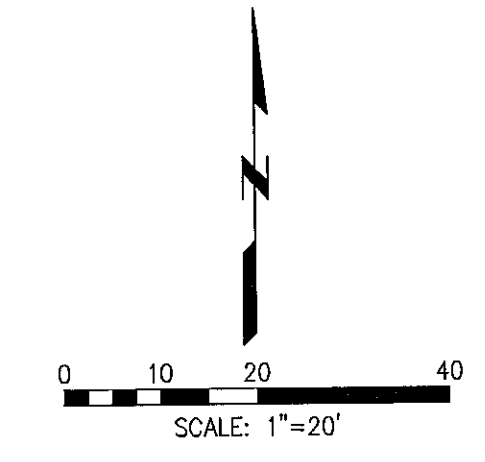
Farnsworth GROUP
2709 MCGRAW DRIVE
BLOOMINGTON, ILLINOIS 61704
(309) 663-8435 / (309) 663-1571 Fax
www.f-w.com

THE LINKS at IRELAND GROVE
BLOOMINGTON, ILLINOIS

COVER SHEET

Drawn: **TDS** Date: **09-01-06**
Designed: **TDS** Checked: **TDS**

Book No.: **2700** Sheet No.: **1 OF 28**
Project No.: **1051650** File No.: **24-7433-1**



STANDARD LAYOUT NOTES:

- THIS CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
 - "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012, BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
 - "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", CURRENT YEAR EDITION, BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- ALL CURB DIMENSIONS ARE MEASURED TO FACE OF CURB.
- WHERE APPLICABLE, COORDINATES ARE TO FACE OF CURB.
- BUILDING DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR WITH THE ARCHITECT'S PLANS.
- ALL PAVEMENT STRIPING SHALL BE 4" YELLOW PAVEMENT MARKING LINE, 300 FEET PER GALLON MINIMUM.
- ACCESSIBILITY RAMP, IN ACCORDANCE WITH IDOT STANDARD 4240013 SHALL BE BUILT AT INDICATED ACCESSIBLE ENTRANCES.
- ALL PAVEMENT SHALL BE 6" NON-REINFORCED CONCRETE
- THE PROPOSED SIDEWALK ADJACENT TO TULLAMORE AVENUE SHALL BE 6" PC CONCRETE.
- ALL DRIVE CUT ENTRANCE APRONS SHALL BE 8" PC CONCRETE.

BENCHMARKS:

- NORTH POWER POLE OF 2ND EASTWEST POWER LINE, 1ST PAIR EAST OF WEST MOST PROPERTY LINE
U.S.G.S. ELEV. = 848.41
- 8TH POWER POLE EAST OF STREID DRIVE NORTH SIDE OF IRELAND GROVE ROAD NEAR NORTHWEST CORNER OF THE SITE.
U.S.G.S. ELEV. = 848.07

LEGEND

EXISTING	
---	UTILITY EASEMENT
●	PROPERTY PIN
+	SIGN
---	PROPERTY LINE
☼	LIGHT
⊕	ELECTRIC TRANSFORMER
⊕	TELEPHONE PEDESTAL
---	UNDERGROUND ELECTRIC
---	UNDERGROUND TELEPHONE
---	GAS MAIN
⊕	STORM MANHOLE
⊕	CURB INLET
⊕	SANITARY MANHOLE
---	SANITARY SEWER
---	STORM SEWER
---	WATERMAIN
⊕	FIRE HYDRANT
⊕	WATER VALVE
---	GROUND CONTOUR
PROPOSED	
---	IRON ROD
---	PROPERTY LINE
---	15' UTILITY EASEMENT LIMITS LINE UNLESS NOTED OTHERWISE
---	COMB. CONC. CURB & GUTTER, TY. B618
---	COMB. CONC. CURB & GUTTER, TY. B618 INVERTED PAN
---	BUILDING
---	4" P.C. CONC. SIDEWALK OR TYPE SPECIAL
---	6" P.C. CONC. SIDEWALK
---	PAINTED PAVEMENT STRIPING
---	PAVEMENT
---	ACCESSIBLE PARKING
---	ACCESSIBLE RAMP W/ WARNING STRIP
---	ACCESSIBLE PARKING SIGN

OWNER:
IRELAND GROVE PROPERTIES LLC
1702 TULLAMORE AVE., SUITE A
BLOOMINGTON, IL 61704
(309) 287-0593

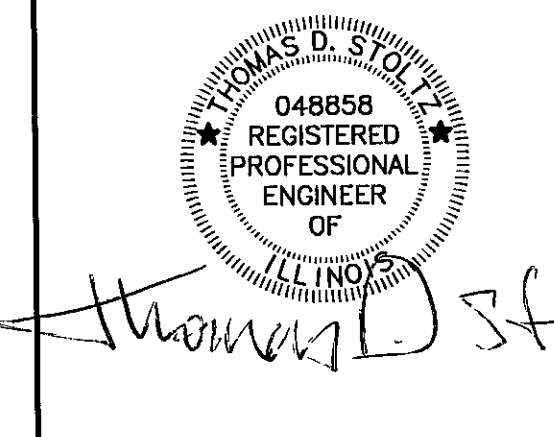
PARKING SPACE SUMMARY

STANDARD SPACES	= 104
ACCESSIBLE SPACES	= 5
TOTAL PROVIDED	= 109
(108 SPACES REQUIRED)	

PERVIOUS AREA = 45,021 SF
IMPERVIOUS AREA = 74,927 SF
TOTAL SITE AREA = 119,948 SF

ISSUE:

#	Date	Description
1	06/19/12	MOVED BUILDINGS EAST
2	06/29/12	COB REVIEW



PROJECT:
IRELAND GROVE PROPERTIES LLC

THE LINKS AT IRELAND GROVE OFFICE BUILDINGS

1603/1607 TULLAMORE AVE.
BLOOMINGTON, IL 61704

Date:	06-16-12
Design/Drawn:	TWK
Reviewed:	TRB
Book No.:	3033/30
Field:	BAB
Project No.:	0120809.00

SHEET TITLE:
SITE LAYOUT PLAN
RELEASED FOR CONSTRUCTION
BASED ON LIMITED REVIEW
CITY OF BLOOMINGTON
ENGINEERING DEPARTMENT
BY: [Signature]
DATE: 7/22/12

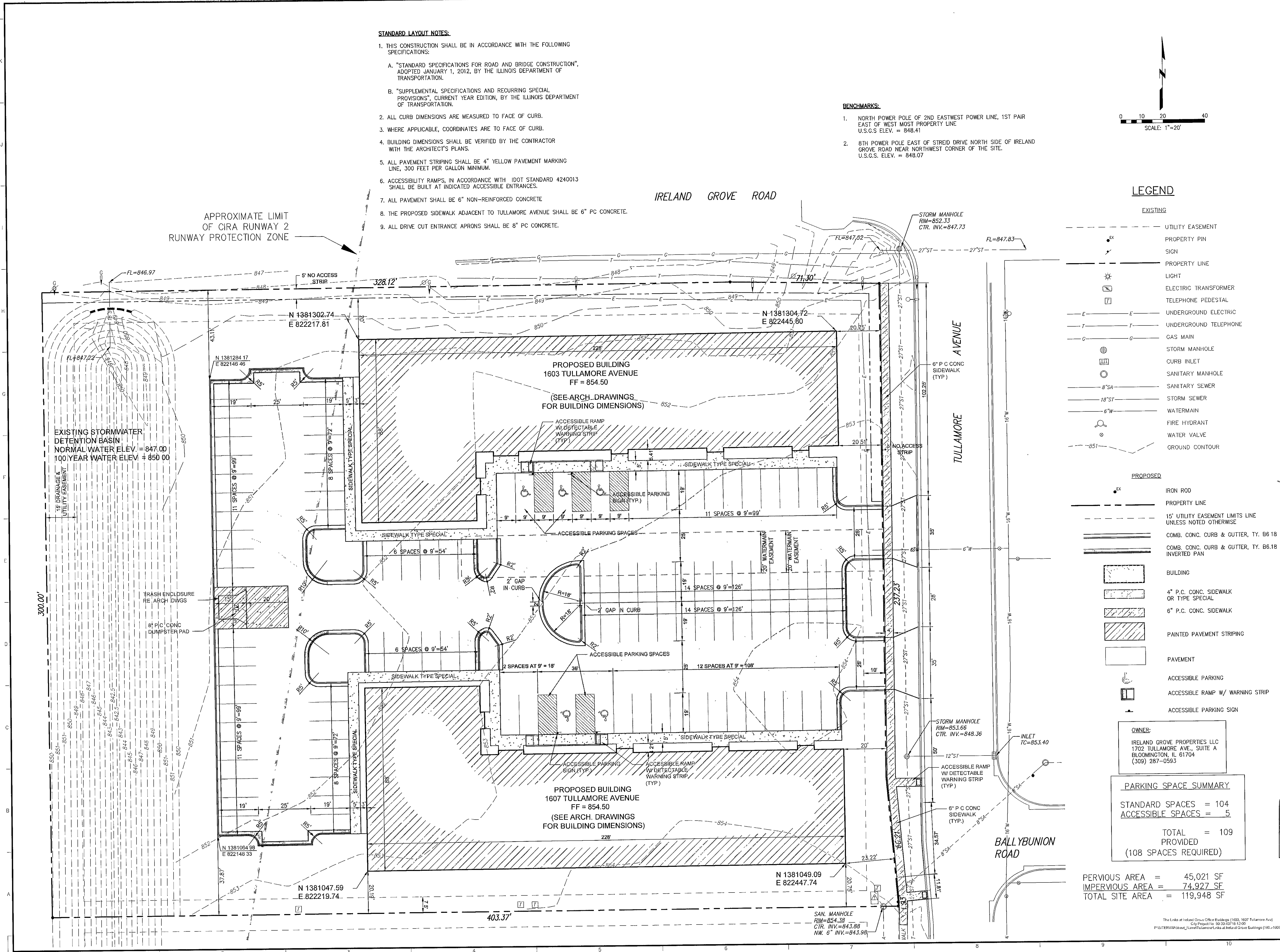
SHEET NUMBER: SP-1273
C.1

APPROXIMATE LIMIT OF CIRA RUNWAY 2 RUNWAY PROTECTION ZONE

IRELAND GROVE ROAD

TULLAMORE AVENUE

BALLYBUNION ROAD



I:\Projects\1603-1607 Tullamore\1603-1607 Tullamore Revise.dwg (16/07/2012 5:07 PM)

The Links at Ireland Grove Office Buildings (1603, 1607 Tullamore Ave)
City Project No. 50-39-4376-12-00
REGISTERED ARCHITECT, JAMES TULLAMORE, LINKS AT IRELAND GROVE BUILDINGS (160-1607)

1603-1607 Tullamore Ave Twenty Foot Water Main Easement Plat



Legend

- Streets
- Lots
- Parcels



FOR COUNCIL: September 24, 2012

SUBJECT: Intergovernmental Agreement with District 87 for Providing Salt for 2012/2013 Winter Season

RECOMMENDATION/MOTION: That the Agreement be approved and the Mayor and City Clerk be authorized to execute the necessary documents.

BACKGROUND/MOTION: The City of Bloomington purchases salt every year for its snow operations through the Illinois state contract. In the past, the City has sold a small amount of salt to District 87 to supplement their snow operations. In an effort to assist with our local school district, staff has negotiated an agreement this year to assist District 87 with a small amount of salt. The amount of salt covered under the agreement is 2.8% of the normal amount used in any given year and should not affect the quality of snow operations that the citizens of Bloomington are used to receiving.

COMMUNITY GROUPS/INTERESTED PERSONS CONTACTED: District 87

FINANCIAL IMPACT: The city will charge District 87 a cost of \$65.21 per ton which is comprised of the raw material cost of \$60.21 per ton in addition to an overhead costs which includes storage, handling and loading fee of \$5 per ton.

Respectfully submitted for Council consideration,

Prepared by:

Financial review by:

Legal review by:

Jim Karch, PE CFM
Director of Public Works

Patti-Lynn Silva
Director of Finance

Rosalee Dodson
Assistant Corporation
Counsel

Reviewed by:

Recommended by:

Barbara J. Adkins
Deputy City Manager

David A. Hales
City Manager

Attachments: Attachment 1. Intergovernmental Agreement

Motion: _____

Seconded by: _____

	Aye	Nay	Other		Aye	Nay	Other
Alderman Anderson				Alderman Purcell			
Alderman Fazzini				Alderman Sage			
Alderman Fruin				Alderman Schmidt			
Alderman McDade				Alderman Stearns			
Alderman Mwilambwe							
				Mayor Stockton			

**Intergovernmental Agreement
Between the City of Bloomington and
Bloomington Public Schools, District 87**

In order to better conserve taxpayer dollars, the City of Bloomington (hereafter "City") and Bloomington Public Schools, District 87 (hereafter "District 87") hereby enter into the following agreement regarding road salt from the date of its execution through April 30, 2013.

1. The City store and load the salt from its 502 South East Street salt storage facility. District 87 will provide the transportation from this salt storage facility.
2. The City of Bloomington would prefer, but does not require, that the total salt distribution be taken by District 87 at one time. Loading of the salt will need to be arranged by District 87 with the City a minimum of 48 hours prior to the date of request. The City reserves the right to deny the timeline of pickup given based upon daily operations of the City.
3. The salt will be paid for by District 87 at a cost of \$65.21 per ton (this cost includes the raw material cost of \$60.21 per ton plus a storage, handling and loading fee of \$5 per ton).
4. The amount of salt provided to District 87 shall not exceed 250 tons prior to April 30, 2013.
5. This agreement shall be effective as of the date it is passed by the final party to do so.

Passed this _____ day of _____, 2012.

Steven F. Stockton, Mayor
City of Bloomington

ATTEST:

Tracey Covert, City Clerk

Passed this _____ day of _____, 2012

Michael Harrison, Board President
Bloomington Public Schools, District 87

SUBJECT: Purchase of a Sole Source Bulk Water Dispensing Unit

RECOMMENDATION/MOTION: That the purchase of a sole source Truck Fill System bulk water dispensing unit from Northern Water Works Supply of DeKalb, Illinois in the amount of \$29,900 be approved, and the Purchasing Agent be authorized to issue a Purchase Order for same.

BACKGROUND: The Water Department Distribution Division provides a bulk water dispensing station at its Division Street pump station. This bulk water dispensing station provides potable water to customers that provide their own tanks for transporting the water. This unit operates in an efficient, safe and cost-effective manner. The customers include contractors needing water for directional drilling, farmers needing water for livestock and rural customers that need water to supplement wells or refill cisterns. This station generates revenues of around \$12,000-\$15,000 each year.

The current system uses a gift-style credit card that is loaded with a given amount of credit by Water Department personnel and is drawn down by the customer with water purchases until exhausted. The card can then be reused by purchasing more credit. The system does not accept cash at the dispensing unit and the purchases are tracked through the City's cash registers.

The microprocessor in the current unit is obsolete as are the magnetic strip cards. The unit can no longer be reprogrammed and the City cannot acquire any more cards for the unit. The unit has failed repeatedly in the last several months and can no longer be repaired.

The Water Department has looked for replacement units and found only one supplier of a fully automated, programmable credit/debit card unit which can link directly to the new MUNIS enterprise software. The unit is priced as follows:

Truck Fill system	\$16,935
Control computer with software installed	\$ 2,600
Credit card interface with thermal printer	\$ 5,000
2" control valve	\$ 2,430
On-site start up and training	\$ 2,935
TOTAL	\$29,900

COMMUNITY GROUPS/INTERESTED PERSONS CONTACTED: There were no Community Groups contacted for this matter.

FINANCIAL IMPACT: The purchase of this equipment has been appropriated FY 2013 Water Department budget line item #50100120-72140 Capital Outlay, Equipment Other than Office, Account.

Respectfully submitted for Council consideration,

Prepared by:

Reviewed by:

Financial review by:

Craig M. Cummings
Water Department Director

Barbara J. Adkins
Deputy City Manager

Patti-Lynn Silva
Finance Director

Legal review by:

Recommended by:

J. Todd Greenburg
Corporation Counsel

David A. Hales
City Manager

Attachments: Attachment 1. Resolution to Waive Bidding Process
Attachment 2. Proposal from vendor

Motion: _____ Seconded by: _____

	Aye	Nay	Other		Aye	Nay	Other
Alderman Anderson				Alderman Purcell			
Alderman Fazzini				Alderman Sage			
Alderman Fruin				Alderman Schmidt			
Alderman McDade				Alderman Stearns			
Alderman Mwilambwe							
				Mayor Stockton			

RESOLUTION NO. 2012 -

**A RESOLUTION WAIVING THE FORMAL BIDDING PROCESS AND
AUTHORIZING THE PURCHASE OF A TRUCK FILL SYSTEM BULK WATER
DISPENSING UNIT FROM NORTHERN WATER WORKS SUPPLY OF DEKALB,
ILLINOIS AT A PURCHASE PRICE OF \$29,900**

Be It Resolved by the City Council of the City of Bloomington, Illinois,

1. That the bidding process be waived and the Purchasing Agent be authorized to Purchase a Truck Fill System bulk water dispensing unit at a Purchase Price of \$29,900.

ADOPTED this 24th day of September, 2012.

APPROVED this _____ day of _____, 2012.

APPROVED:

Stephen F. Stockton
Mayor

ATTEST:

Tracey Covert
City Clerk



northern water works supply

FERGUSON WATERWORKS

February 15th, 2012

City of Bloomington
603 West Division Street
Bloomington, IL 61701

Attention: Nick O'Donoghue

Subject: Bulk Water Station

Mr. O'Donoghue

We are pleased to offer the City of Bloomington the following proposal, which covers our discussions on upgrading your Bulk Water Station.

Truck Fill System 100 User System

Item	Product Description	Units	Pricing
1	NEMA 3R Wall Mount or Pedestal Hauler Access Terminal	1	\$7,000.00
2	NEMA 4 Wall Mount Field Terminal Box Includes: PLC and field terminal connection	1	\$8,335.00
3	Billing Software Package TFS-100 System 100 Users	1	\$1,600.00
4	12 Months Free Online Billing Software Technical Support <i>(Billing computer must allow remote access via www.GoToMeeting.com)</i>	1	Included
5	1 Year Free Online Access Terminal Technical Support <i>(Communication between Billing Computer and Access Terminal must be with dial-up or 1x modems)</i>	1	Included
6	Date and Time Stamped Truck Fill Records	1	Included
7	1 Year Factory Parts and Labor Warranty	1	Included
8	O&M Manual on CD	1	Included

Total Price (\$USD) \$16,935.00

1917 First Avenue North
 Fargo, ND 58102
 701-293-5511
 Fax: 701-232-8129

1201 Airport Road
 Bismarck, ND 58501
 701-258-9700
 Fax: 701-258-1452

1694 91st Avenue NE
 Blaine, MN 55449
 763-560-5200
 Fax: 763-560-1799

331 4th Avenue South
 Sartell, MN 56377
 320-229-0125
 Fax: 320-229-0128

1720 State Street
 DeKalb, IL 60115-2617
 815-756-2800
 Fax: 815-756-2877

5555 Irish Lane
 Madison, WI 53711
 608-217-1770
 Fax: 608-271-5263

An Equal Opportunity Employer



northern water works supply

FERGUSON WATERWORKS

Optional Supply Items

1)	Laptop Computer with Water+ preinstalled	1	\$2,600.00
2)	Credit Card Interface c/w thermal receipt printer	1	\$5,000.00
3)	2" Control Valve (Pressure reducing/sustaining)	1	\$2,430.00
4)	2" RP Device Backflow Preventer	1	\$2,480.00
5)	1/2" N/O Solenoid Drain Valve	1	\$315.00

Start up options (pick one of the following):

Pricing

1)	Start up onsite training and operational assistance	\$2,935.00
2)	Remote start up assistance and online training. (Include: Remote software installation and webinar)	\$675.00

**** Note that pricing is based on a flow meter supplied by others that provides a passive pulse to the system, if owner supplies meter for the system.**

NOTES: Installation by others. Supplier Services (except start up)
- \$1000.00/day + (Expenses at cost + 21%) Owner responsible for all necessary utility service connections including

Thank You,
T.J. Rodebaugh
tjrodebaugh@nwws.biz
Ferguson Waterworks
(815) 341-4772

FOR COUNCIL: September 24, 2012

SUBJECT: Bid Analysis for Water Treatment Chemicals

RECOMMENDATION/MOTION: That the bids be awarded to the various vendors and the Purchasing Agent authorized to issue Purchase Orders for same.

BACKGROUND: On September 11, 2012, bids were opened for the City of Bloomington's water treatment chemical needs for the twelve months following the award of the bids. As can be seen in the table (below), three chemicals increased in price by double digit amounts and two others decreased in price by low single digit amounts. One chemical remained at the same price because it was contractually bound to remain unchanged in price over three years. This is a clear indication of the continued volatility of the industrial bulk chemical market. Water treatment chemicals are one of the three main expenses in the Water Department operation and maintenance budget. The other two are labor and electricity.

CHEMICAL	VENDOR	Unit of Measure	CURRENT YEAR	LAST YEAR	% Change
Ferric Sulfate	Kemira Water Solutions	Ton	\$169.00	\$147.00	15%
Carbon Dioxide	Praxair	Ton	\$58.00*	\$47.50	22.1%
Sodium Hexametaphosphate	Carus Phosphates	Ton	\$2,000.00 ♦	\$2,060.00	-2.9%
Anhydrous Ammonia	Tanner Industries	Ton	\$1,600.00	\$1,440.00	11.1%
Hydrofluosilicic Acid	Mosaic Crop Nutrition, LLC.	Ton	\$544.00	\$550.00	-1.1%
Liquid Chlorine	JCI Jones, Inc.	Ton	\$500.00^	\$500.00	0%

All chemicals are delivered on an as-needed truckload basis, except sodium hexametaphosphate which is delivered as a single shipment of 20,000 pounds

* Three year agreement with a maximum 4% per year escalator.

♦ Single 20,000 lb. shipment price

^ Year two of a three year contract with no price increase in this second year.

There are several water chemicals that are used in the water treatment process. These chemicals are used in widely varying dosages when compared one to another and individual chemicals will routinely change in dosage as the quality of the water withdrawn from the supply reservoirs changes. The Water Department has budgeted \$625,000 for the overall cost of water treatment chemicals in FY 12-13. In FY 11-12, \$800,000 was spent on water treatment chemicals and in FY 10-11, \$677,000 was spent.

Due to the volatility in the industrial bulk chemical market, the City attempted to reduce some of the exposure to the market swings by requesting multi-year pricing. All vendors were invited to

submit proposals for 3 year agreements for supplying chemicals in addition to the standard one year bid. Two vendors submitted 3 year proposals, namely one for carbon dioxide and one for hydrofluosilicic acid. The number of vendors willing to commit to three year pricing is down from years past, again indicating ongoing volatility in this market.

The carbon dioxide 3 year pricing proposal of \$58 per ton in year one and a maximum 4% escalator in years two and three from Praxair, Inc. is being recommended by Staff over the three year pricing proposal of \$62.00 per ton in each of the three years from Continental Carbonic Products, Inc. ("CCP"). If the three year pricing from Praxair were accepted, the savings in year one would be between \$2,000 - \$3,000 as a result of the difference between the bid price of \$58/ton from Praxair compared to the \$62/ton bid by CCP and assuming between 500 and 750 tons of carbon dioxide were used in a year. In year two, assuming a worst case scenario of the full 4% increase in the price from Praxair, their year two price per ton would be \$60.32 as compared to the \$62 per ton price from CCP. The savings in year two would be between \$840 – \$1,260 assuming again that between 500 and 750 tons of carbon dioxide was used in a year. In year three, assuming a worst case scenario of the full 4% increase in the price from Praxair, their year three price would be \$62.73 per ton as compared to the \$62 per ton price from CCP. There would be no savings in year three. The cost for the Praxair carbon dioxide in year three would actually be more expensive than the year three price per ton from CCP; between \$365 – \$547.50 more expensive, assuming again that between 500 and 750 tons of carbon dioxide was used in a year. Therefore, the two year savings range of the Praxair carbon dioxide would be between \$2,840 – \$4,260 and the year three expense (Praxair's price would be higher in year three under the worst case scenario) would be between \$365 – \$547.50. Adding the three year savings/expenses together, the three year contract with Praxair, in the opinion of Staff, is the more economical alternative to bidding the carbon dioxide each year for the next three years or accepting the CCP bid. The savings would be in the range of \$2,475 – \$3,712.50 over the three year term of the contract.

Liquid chlorine is shown on the table but actually was not bid in 2012. It was bid in 2011 and a three year contract was approved by the City Council on September 26, 2011 at a price of \$500 per ton for each of the three years of FY's 2012, 2013 and 2014. Staff committed at that time to present to Council each year for approval, the current year pricing for multi-year contracts.

The use of these individual chemicals in the water treatment process is as follows:

Ferric Sulfate – A compound used to increase the removal of suspended materials, such as small soil particles, that are suspended in the water. Basically, very small suspended particles clump together to settle quicker in the water treatment plant.

Carbon Dioxide – The compound that gives pop its fizz is the same material used to lower the pH in water after the removal of dissolved minerals through the use of lime (the water softening process). Lime greatly increases the pH of the water and that pH must be lowered to prevent the formation of scale on the filters and to make the water palatable. Carbon Dioxide, which forms a weak acid, is bubbled into the water to accomplish this.

Sodium Hexametaphosphate – This phosphate compound is used to prevent scale from forming on the filters in the water treatment plant.

Liquid Chlorine – Chlorine is used as a disinfectant in water treatment plants. It is a strong oxidant so it helps with taste and odor as well. In the United States, a minimal amount of chlorine must be present in the pipes in all areas of the water distribution system to continue working as a disinfectant all the way to a customer’s water service connection.

Anhydrous Ammonia – Ammonia is added to the water already containing chlorine to form a class of compounds known as chloramines. Chloramines act as disinfectants, just like chlorine, but are stable in the water delivered to customers for a longer period of time than just chlorine alone.

Hydrofluosilicic Acid – Commonly just referred to as fluoride, this chemical is added to the water to increase the amount of fluoride in drinking water to levels which are optimal for the protection of adults, but to a greater extent, children’s teeth from cavities. There is a modest amount of naturally occurring fluoride in the water taken from our reservoirs; the addition of hydrofluosilicic acid simply increases that to optimal levels. The addition of fluoride to optimal levels is a State Law in Illinois.

COMMUNITY GROUPS/INTERESTED PERSONS CONTACTED: There were no Community Groups contacted for this petition as it is a routine matter.

FINANCIAL IMPACT: Payment for the purchase of water treatment chemicals throughout the year will be made from the Water Department, O & M budget, Purification Division, Water Treatment Chemicals, Account #50100130-71720. This account is budgeted at \$655,000, for all of the above-mentioned chemicals, for FY 2012/13.

Respectfully submitted for Council consideration,

Prepared by:

Reviewed by:

Reviewed by:

Craig M. Cummings
Water Department Director

Kim Nicholson
Purchasing Agent

Barbara J. Adkins
Deputy City Manager

Financial review by:

Legal Review by:

Recommended by:

Patti-Lynn Silva
Director of Finance

J. Todd Greenburg
Corporation Counsel

David A. Hales
City Manager

Motion: _____

Seconded by: _____

	Aye	Nay	Other		Aye	Nay	Other
Alderman Anderson				Alderman Purcell			
Alderman Fazzini				Alderman Sage			
Alderman Fruin				Alderman Schmidt			
Alderman McDade				Alderman Stearns			
Alderman Mwilambwe							
				Mayor Stockton			

**ITEM 8A. ANALYSIS OF REQUEST FOR PROPOSALS
(RFP) FOR TAXABLE CAPITAL LEASE**

**THIS ITEM WILL BE AVAILABLE ON
FRIDAY, SEPTEMBER 21, 2012**

FOR COUNCIL: September 24, 2012

SUBJECT: Presentation and Video Streaming Technology for City Council Chambers

RECOMMENDATION/MOTION: That the unit prices from Zeller Digital Innovations, Inc. (Zdi), for the purchase and implementation of video presentation, recording and streaming technology in the amount of \$80,215 be accepted, the contract be approved, and the Mayor and City Clerk be authorized to execute the necessary documents.

BACKGROUND: In support of the City Council 2012 Action Plan, approved by Council on February 13, 2012, staff has been working to bring recommendations before Council to improve the communications technology in the Council Chambers. The 2012 Action Plan item is “Communications Technology Master Plan Phase III and IV – Council Chambers Presentation System and Televising/Webstreaming Council Meetings.” This item is in support of City Council Goal #1, which is “Financially Sound City Providing Quality Basic Services.”

During the April 12, 2010 meeting, Council approved a Communications Technology Master Plan brought forward by staff. The plan laid out recommendations for improving the technology within the Council Chambers (phases I, III and IV) and a redesign of the City’s web site (phase II). The City’s new web site went live on July 3, 2012.

The technology improvements within Council Chambers consist of three phases:

- Phase I (audio reinforcement improvements) – This phase involved replacing the audio system (microphones, speakers, amplifiers) that staff believed was the original system installed in Council Chambers. Council gave staff approval to move forward with this phase during the April 12, 2010 meeting in the amount of \$40,825.44. This phase has been completed and the first audio recording of City Council was June 28, 2010.
- Phase III (video presentation) – This phase involves implementing new presentation equipment within Council Chambers. Equipment includes a permanently mounted projector, replacement projection screen, two 55” LED monitors (to allow Councilmember viewing of presented material), digital signage player and a DVD player.
- Phase IV (video streaming) – This phase will provide the cameras, recording and video streaming equipment to output a video stream of Council and other meetings that can be viewed live, archived and rebroadcasted.

Staff is respectfully seeking Council approval to complete phases III and IV (phases I and II are complete). In addition, staff has been given Council direction to implement a system to display voting results and to provide a timer that would be viewable by Councilmembers, the public and staff during Council meetings. Assuming Council approval, the remaining technology improvements are scheduled to be completed by December 31, 2012.

Attached are three proposals from Zdi. These proposals provide solutions for phase III and IV of the Council communications technology improvements as mentioned above, while also providing a solution for displaying Council voting results and a visual timer.

COMMUNITY GROUPS/INTERESTED PERSONS CONTACTED: Staff has received multiple requests from private citizens to provide video streaming of Council meetings.

FINANCIAL IMPACT: In bringing Phase I before Council in 2010, staff received proposals from Zdi and three other audio/visual technology vendors for three phases of the Council Chambers portion of the master plan. Staff's intention was to use the same vendor selected for phase II for phases III and IV. Zdi was selected from four vendors who submitted proposals for all three phases of technology improvements to Council Chambers. The overall Zdi design for all three phases uses a building block approach where phases III and IV use technology installed in phase I as a foundation. Staff believes it critical to maintain vendor continuity for this reason.

The Communications Technology Master Plan originally included budgetary estimates for the technology improvements. The budgetary amount included for the Council Chambers improvements (not including web site redesign) was originally \$130,000. In 2010, Zdi's overall proposal (phases I, III and IV) was for \$124,181.65. Assuming Council approves staff's current recommendation, the total project cost will be \$121,040.44 (\$40,825.44 phase I + \$80,215.00 phases III and IV and the voting and timer system).

Funds for the purchase of these technology improvements were appropriated by City Council in the Information Services Capital Outlay Computer Equipment account (10011610-72120) within the FY 2013 Budget.

Respectfully submitted for Council consideration.

Prepared by:

Financial review by:

Legal review by:

Scott A. Sprouls
Information Services

Patti-Lynn Silva
Finance Director

Rosalee Dodson
Assistant Corporation
Counsel

Reviewed by:

Recommended by:

Barbara J. Adkins
Deputy City Manager

David A. Hales
City Manager

Attachments: Attachment 1. Video Presentation Contract
Attachment 2. Video Streaming Contract
Attachment 3. Voting & Timer System Contract
Attachment 3. Pictures

Motion: _____

Seconded by: _____

	Aye	Nay	Other		Aye	Nay	Other
Alderman Anderson				Alderman Purcell			
Alderman Fazzini				Alderman Sage			
Alderman Fruin				Alderman Schmidt			
Alderman McDade				Alderman Stearns			
Alderman Mwilambwe							
				Mayor Stockton			



Client Name	City of Bloomington	Date	8/27/12
Client Address	109 E. Olive St. Bloomington, IL 61701	Client Phone	309 434 2509
Zdi Contact	Michelle Clark Jay McArdle	Zdi Contact Info	309-451-3999

PROJECT OVERVIEW

Zdi is proposing to provide the following materials and services to the City of Bloomington for their presentation solution in the City Council Chambers.

Description of Work

Zdi is proposing the following solution for video presentation in the City of Bloomington City Council Chambers.

A single projector will be mounted at the back of the City Council chambers, a custom lens will be installed to assure the proper image size on the screen. The screen will be replaced with a 16:10 aspect ratio screen with higher gain and a more focused viewing area.

A single 55" LED LCD will be mounted on either side of the dais for council member monitors and will be an exact replication of what is on the screen, when the screen is in use. When the projection screen is not in use or a timer is being implemented, then the screens will be used for showing the timer to all council members.

The following functionality will be available on all screens.

- Timer for speaker
- Presentation from a computer at the Mayor's Station
- Presentation from a computer at the Guest Lecture Station
- DVD Playback (TBD on location – rack, mayor's station, or guest lecture station)

The system will be controlled by the Crestron touch panel for, and will be available from a computer on the same network as the control systems' processor.

Deliverables

- (1) HD commercial projector
- (1) Ceiling mount for the projector
- (1) Digital Media matrix switcher
- (5) Video Scalers
- (2) HDMI Video Tx/RX over UTP
- (2) 55" commercial LED LCD's
- (2) Wall mounts for the 55" LCD's
- (1) Digital signage player
- (1) DVD Player
- (1) HDMI audio extractor
- (1) Installation / Programming / Training

Pricing



Total Price - \$31,500.00

ASSUMPTIONS & CONCLUSIONS

Notes & Assumptions

- Zdi will need access to all equipment rooms and all areas that are deemed necessary for equipment installation or cable pathways.
- All work will be performed during normal working hours of 7:00 AM – 5:00 PM Monday – Friday excluding holidays.
- Zdi is not responsible for any work delays outside of the control of Zdi. This is to include but not limited to work covered by other contractors including furniture, electrical, data, and general construction. Zdi is not responsible for delays incurred by Owner Furnished Equipment or the lack for readiness by the owner in such services as IT.
- Zdi is not responsible for the functionality or warranty of any Owner Furnished Equipment (OFE).
- Zdi is not responsible for any electrical work needed for the implementation of this system as designed.
- Zdi will require parking accommodations for the duration of the project.
- Zdi will provide the necessary templates for voting, and the timer. This will dynamic and by definition have the ability to change as the City of Bloomington sees fit.
- Zdi will require integrated graphics and digital images to be provided by the customer in an appropriate resolution to be displayed for branding purposes.

Project Total: \$31,500.00

- Materials - \$23,500.00
- Labor - \$8,000.00



Warranty Statement

Zdi is committed to providing quality products and workmanship to meet the needs of our clients.

Our clients get the benefit of the manufacturer warranty on all products and components purchased by the client that will protect against any defect or malfunction. Zdi will work with the client through the duration of the manufacturer’s warranty, but all labor required to remove / reinstall components outside of the 1 year project warranty will be billed at the current time and materials rates.

Our clients get the benefit of a one-year project warranty on work provided by Zdi. Project warranty is defined as the installation and commissioning of the system, as well as covering all labor needed to facilitate the manufacturer’s warranty on any equipment. Any installation deemed to have defects or flaws that have not been altered from the original installation and will be guaranteed by Zdi.

Zdi and the manufacturer will not be responsible for abuse to the components or changes and/or enhancements made to the system or components without the manufacturer or Zdi’s consent or approval.

Zdi is not responsible for parts deemed consumable by the manufacturer. Examples of these would include but not limited to projector bulbs, and filters.

Zdi will not be responsible for any travel, service time or shipping in the event of a product defect or issue that is not part of the project warranty. Zdi will assist our clients with troubleshooting and procuring a new device that is warranted but all service time associated with the issue will be billed at a time and materials rate if the project warranty has expired.

The project warranty will begin the date that system training is provided, and /or the project is turned over to the customer for use. All equipment warranty is up to the individual manufacturer.

PROPOSAL ACCEPTANCE

Client Acceptance Date



Client Name	City of Bloomington	Date	08/27/12
Client Address	109 E. Olive St. Bloomington, IL 61701	Client Phone	309 434 2509
Zdi Contact	Michelle Clark Jay McArdle	Zdi Contact Info	309-451-3999

PROJECT OVERVIEW

Zdi is proposing to provide the following materials and services to the City of Bloomington for their video streaming solution in the City Council Chambers.

Description of Work

Zdi is proposing the following solution for video streaming from the City of Bloomington City Council Chambers.

This system will record a video stream from up to 4 sources (all (3) people cameras and content from source OR document camera). This feed then will have the capability of streaming out directly without post production (bandwidth dependent) or streaming to a rebroadcasting service (u-stream) after the stream has been post produced. Capture will be archived locally on the capture device, and can be off loaded to other network attached storage or burned to optical media.

The system will have (4) HD PTZ cameras for views of the dais, presenter, and one can be used for a document camera for presentations of large format material.

The system will be controlled by the Crestron touch panel for, and will be available from a computer on the same network as the control systems' processor.

Deliverables

- (1) HD capture device (IP software based)
- (1) HD bridge streaming device
- (4) HD PTZ 1080p cameras (IP based)
- (1) Installation / Programming / Training

Pricing

Total Price	- \$34,215.00
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Description of Technology

The recording system will utilize one main ISR server with IP cameras associated to it through the network. The technology utilized for this process is a mixture of audio and video codec compressed across TCP/IP.

The cameras utilized for this solution are from Axis communications the leading manufacturer in IP surveillance cameras. These cameras will give you the detail you want and need from the room and along with the Zdi designed audio solution you will have exemplary audio quality.

The ISR server is provided by the software manufacturer and has been through rigorous testing to make sure the amount of video and audio feeding into it can be handled seamlessly.

This system will allow you to record session, stream sessions, and then edit those sessions to create a copy for distribution or archive.

ISR Recording Server Specifics:

<p>Supported Cameras:</p> <ul style="list-style-type: none">All Axis MJPE G, MPE G-4, and H.264 Cameras <p>Hardware Requirements:</p> <ul style="list-style-type: none">Maximum of 12 cameras per serverStandard cameras supported by Core i5Megapixel / HD requires Core i7 / Multi Xeon <p>Application Interfaces:</p> <ul style="list-style-type: none">Easy to use web based GUIServer side application used for administration <p>User Permission Features:</p> <ul style="list-style-type: none">Record / View access per cameraPlayback access for user specific recordingsPlayback access for triggered recordingsPlayback access for all recordingsAccess to edit searchable meta dataAccess to delete filesAbility to schedule recordings <p>Camera Control Features:</p> <ul style="list-style-type: none">View live streaming video / audio per cameraPan tilt and zoom capabilities on supported cameras	<p>Customizable Searchable Meta Fields:</p> <ul style="list-style-type: none">10 customizable fields per cameraFields can be drop down, plain text, or static textFields can be required <p>Search Features:</p> <ul style="list-style-type: none">Video is searchable by meta dataCamera nameDate and timeAbility to go back and Add / Edit searchable data <p>Software Features:</p> <ul style="list-style-type: none">Easy to use interfaceSynchronized audio / videoScheduled recordingPush button recordingBookmarking (marker insertion)ClippingDistributed software architectureBuilt in web server for remote access and video streamingMegapixel camera supportActive Directory integration for user management
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ASSUMPTIONS & CONCLUSIONS

Notes & Assumptions

- Zdi will need access to all equipment rooms and all areas that are deemed necessary for equipment installation or cable pathways.
- All work will be performed during normal working hours of 7:00 AM – 5:00 PM Monday – Friday excluding holidays.
- Zdi is not responsible for any work delays outside of the control of Zdi. This is to include but not limited to work covered by other contractors including furniture, electrical, data, and general construction. Zdi is not responsible for delays incurred by Owner Furnished Equipment or the lack for readiness by the owner in such services as IT.
- Zdi is not responsible for the functionality or warranty of any Owner Furnished Equipment (OFE).
- Zdi is not responsible for any electrical work needed for the implementation of this system as designed.
- Zdi will require parking accommodations for the duration of the project.
- Presentation system is a requirement for this system.



Warranty Statement

Zdi is committed to providing quality products and workmanship to meet the needs of our clients.

Our clients get the benefit of the manufacturer warranty on all products and components purchased by the client that will protect against any defect or malfunction. Zdi will work with the client through the duration of the manufacturer's warranty, but all labor required to remove / reinstall components outside of the 1 year project warranty will be billed at the current time and materials rates.

Our clients get the benefit of a one-year project warranty on work provided by Zdi. Project warranty is defined as the installation and commissioning of the system, as well as covering all labor needed to facilitate the manufacturer's warranty on any equipment. Any installation deemed to have defects or flaws that have not been altered from the original installation and will be guaranteed by Zdi.

Zdi and the manufacturer will not be responsible for abuse to the components or changes and/or enhancements made to the system or components without the manufacturer or Zdi's consent or approval.

Zdi is not responsible for parts deemed consumable by the manufacturer. Examples of these would include but not limited to projector bulbs, and filters.

Zdi will not be responsible for any travel, service time or shipping in the event of a product defect or issue that is not part of the project warranty. Zdi will assist our clients with troubleshooting and procuring a new device that is warranted but all service time associated with the issue will be billed at a time and materials rate if the project warranty has expired.

The project warranty will begin the date that system training is provided, and /or the project is turned over to the customer for use. All equipment warranty is up to the individual manufacturer.

PROPOSAL ACCEPTANCE

Client Acceptance

Date



Client Name	City of Bloomington	Date	08/27/12
Client Address	109 E. Olive St. Bloomington, IL 61701	Client Phone	309 434 2509
Zdi Contact	Michelle Hasty Jay McArdle	Zdi Contact Info	309-451-3999

PROJECT OVERVIEW

Zdi is proposing to provide the following materials and services to the City of Bloomington for their voting display and timer solution in the City Council Chambers.

Description of Work

Zdi is proposing the following solution for a voting display and timer in the City of Bloomington City Council Chambers.

A 70” Commercial display will be mounted in landscape format (horizontal) from an articulating wall mount above the entry door on either side of the dais (TBD by customer).

This display will be used at the voting display board (display used to post the results from a vote). This can display votes in real time, or can be held until the Mayor or the City Clerk publishes the results to the board. This board can be used for the following in addition to displaying voting results:

- Timer for speaker
- Meeting Agenda / Schedule when in session
- Schedule for the room when not in session
- Digital Signage when not in session

The system will be controlled by the Crestron touch panel for, and will be able to be administered for Digital Signage from a computer on the same network as the Digital Signage player.

Timer would be able to be seen on the touch panel at the Mayor’s station, and on the Voting Display Board. This could be expanded to the side panels on the presentation system if installed.

Deliverables

- (1) 70” LED LCD Commercial Display
- (1) Articulating wall mount for the 70” Display
- (1) Digital Signage Player
- (1) HDMI Transmitter and Receiver (over UTP)
- (1) Wire Cable and Interconnects for a fully functional system
- (1) Voting Template and Timer Template
- (1) Installation / Programming / Training

Pricing

Total Price	- \$14,500.00
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ASSUMPTIONS & CONCLUSIONS

Notes & Assumptions

- Zdi will need access to all equipment rooms and all areas that are deemed necessary for equipment installation or cable pathways.
- All work will be performed during normal working hours of 7:00 AM – 5:00 PM Monday – Friday excluding holidays.
- Zdi is not responsible for any work delays outside of the control of Zdi. This is to include but not limited to work covered by other contractors including furniture, electrical, data, and general construction. Zdi is not responsible for delays incurred by Owner Furnished Equipment or the lack for readiness by the owner in such services as IT.
- Zdi is not responsible for the functionality or warranty of any Owner Furnished Equipment (OFE).
- Zdi is not responsible for any electrical work needed for the implementation of this system as designed.
- Zdi will require parking accommodations for the duration of the project.
- Zdi will provide the necessary templates for voting, and the timer. This will dynamic and by definition have the ability to change as the City of Bloomington sees fit.
- Zdi will require integrated graphics and digital images to be provided by the customer in an appropriate resolution to be displayed for branding purposes.

Project Total: \$14,500.00

- Materials - \$10,000.00
- Labor - \$4,500.00



Warranty Statement

Zdi is committed to providing quality products and workmanship to meet the needs of our clients.

Our clients get the benefit of the manufacturer warranty on all products and components purchased by the client that will protect against any defect or malfunction. Zdi will work with the client through the duration of the manufacturer’s warranty, but all labor required to remove / reinstall components outside of the 1 year project warranty will be billed at the current time and materials rates.

Our clients get the benefit of a one-year project warranty on work provided by Zdi. Project warranty is defined as the installation and commissioning of the system, as well as covering all labor needed to facilitate the manufacturer’s warranty on any equipment. Any installation deemed to have defects or flaws that have not been altered from the original installation and will be guaranteed by Zdi.

Zdi and the manufacturer will not be responsible for abuse to the components or changes and/or enhancements made to the system or components without the manufacturer or Zdi’s consent or approval.

Zdi is not responsible for parts deemed consumable by the manufacturer. Examples of these would include but not limited to projector bulbs, and filters.

Zdi will not be responsible for any travel, service time or shipping in the event of a product defect or issue that is not part of the project warranty. Zdi will assist our clients with troubleshooting and procuring a new device that is warranted but all service time associated with the issue will be billed at a time and materials rate if the project warranty has expired.

The project warranty will begin the date that system training is provided, and /or the project is turned over to the customer for use. All equipment warranty is up to the individual manufacturer.

PROPOSAL ACCEPTANCE

Client Acceptance Date

Professional, Around-the-Clock Durability That's Also Energy Efficient



Display Your Message – Where You Want, When You Want

With impressive **70" class (69 1/2" diagonal)** and **60" class (60" diagonal)** screens, the PN-E702/E602 let you get your message across with brilliant clarity in nearly any indoor venue. Their sleek and lightweight design – **less than 4" at their thickest points** – allows for nearly limitless installation possibilities, so your message is displayed exactly where it should be.

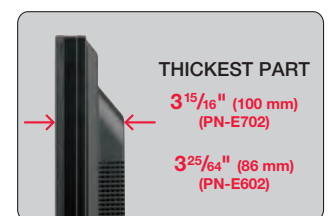


Image Quality That Gets Noticed

We started with **full-array LED backlighting** (PN-E702) and **edge-lit LED backlighting** (PN-E602). Then we incorporated **Sharp's UV2A* technology**, which prevents light leakage and helps ensure the display of truly bright whites, amazingly vivid colors, and extraordinarily deep blacks. Finally, 1920 (h) x 1080 (v)-pixel **full HD resolution** helps ensure fine text and intricate graphics are stunningly crisp and clear.

*UV2A technology stands for "Ultraviolet-induced Multi-domain Vertical Alignment," a photo-alignment technology that ensures uniform alignment of liquid crystal molecules in a certain direction.

Durability You Can Put to Work

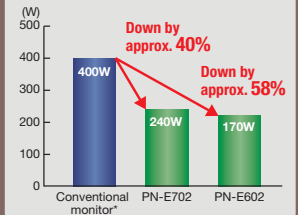
The PN-E702/E602 are **professional-grade** LED digital signage displays built to withstand the rigors of professional use. Operate these workhorses **around-the-clock** and still enjoy stunning image quality and uniform brightness.

Display More, Consume Less

Why use more energy than you have to? The PN-E702/E602 consume **less energy** than traditional CCFL-backlit displays*.

*Compared to Sharp PN-E601

Power Consumption Comparison



Ideal for:

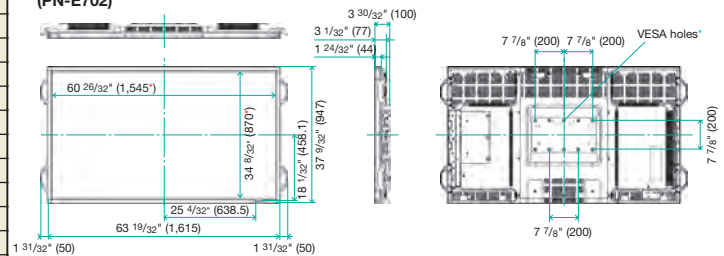
- Conference rooms
- Hotel or office lobbies
- Trade show exhibit halls
- Classrooms and lecture halls
- Indoor shopping plazas and retail spaces

Model Name	PN-E702	PN-E602	
Installation	Landscape and Portrait Mode		
LCD Panel	70" class (69-1/2" diagonal) widescreen, UV-A LCD	60" class (60" diagonal) widescreen, UV-A LCD	
Max. Resolution	1920 x 1080 pixels		
	1,064 million		
	Pixel Pitch (H x V)	0.802 mm x 0.802 mm	0.692 mm x 0.692 mm
	Max. Brightness ¹	450 cd/m ²	
	Contrast ratio	4,000:1	
	Viewing Angle (H/V)	176° / 176° (CR>/=10)	
	Active Screen Area (WxH)	60-9/16" x 34-1/16"	52-5/16" x 29-7/16"
	Response Time	6 ms (gray to gray, avg)	
	Backlight	White LED, full array	White LED, edge lit
	Computer Input	Video Analog RGB (0.7V p-p) (75-ohms), Digital (conforms to DVI 1.0 standards)	
Synchronization Horizontal/vertical separation (TTL: positive/negative), sync on green, composite sync (TTL: positive/negative)			
Plug & Play VESA DDC2B			
Power Management VESA DPMs, DVI DMPM			
Video Color System	With Optional PN-ZB01 NTSC (3.58 MHz; 4.43 MHz), PAL, PAL60, SECAM		
Input Terminals ²	Standard PC analog: Mini D-sub 15-pin x 1, HDMI x 1 ³ , 3.5 mm diameter-mini stereo jack x 1, RS-232C D-sub 9-pin x 1		
	With Optional PN-ZB01 PC digital: DVI-D 24-pin x 1, PC analog: BNCx1, Video: BNC x 1, S-Video x 1, Component video: BNC (Y, Cb/Pb, Cr/Pr) x 1 ⁴ , Audio RCA pin (L/R) x 2		
Output Terminals	Standard Audio: RCA pin (L/R) x 1, RS-232C D-sub 9-pin x 1		
	With Optional PN-ZB01 PC digital: DVI-24-pin x 1, External speakers: 7W + 7W (6-ohms)		
Input/Output Terminals	With Optional PN-ZB01 LAN port		
Speaker Output	7W + 7W		
Power Supply	100V – 240V AC, 50/60 Hz		
Power Consumption	240 W	170 W	
Environmental	Operating Temperature 0°C to 40°C		
	Operating Humidity 20% to 80% RH		
Dimensions (W x D x H) (approx.) (display only)	63-19/32" x 3-15/16" x 37-9/32"	55-13/32" x 3-3/8" x 32-5/32"	
Weight (not including PN-ZB01) (approx.)	110 lbs.	83.8 lbs.	
Packing Dimensions (W x H x D) (approx.)	72-1/4" x 11-1/4" x 42-5/8"	64-3/16" x 11-1/4" x 37-13/16"	
Carton Weight (approx.)	132 lbs.	105.8 lbs.	
Limited Warranty	3 years on-site, parts and labor		
UPC	074000069244	074000069251	

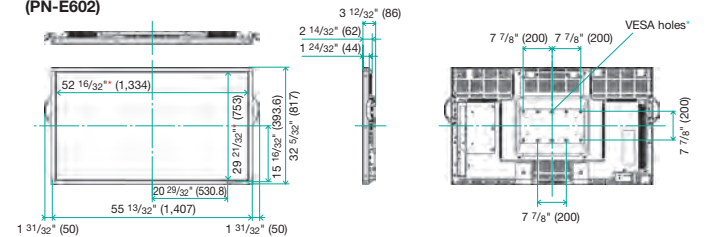
¹ Brightness will depend on input mode and other picture settings. Brightness level will decrease over time. Due to the nature of the equipment, it is not possible to precisely maintain a constant level of brightness. ² Use a commercially available cable for PC and other video connections. ³ For both PC and AV components. ⁴ The analog and component BNC terminals are switchable. Use the menu to select. ⁵ Does not support plug & play.

Dimensions

(PN-E702)



(PN-E602)

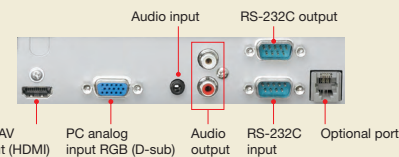


Units: inch (mm)

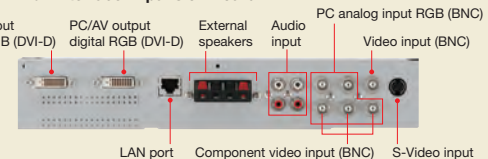
* Screen dimensions * To use the VESA-standard mounting bracket, use M6 screws that are 8 to 10 mm plus the thickness of the bracket.

Input/Output Terminals

(standard)



(option) PN-ZB01 Interface Expansion Board



Panasonic
ideas for life

PT-D5700U
PT-D5700UL
DLP®-Based Projector

The 6,000-lm projector that's easy to see
even in brightly lit rooms



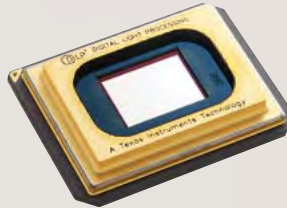
6,000lm

XGA



Further expanding reliability and picture quality

Panasonic's DLP® system projectors have taken another step forward. Now they produce even better images while maintaining all of their highly reliable functions. Their 6,000-lm brightness delivers crisp, easy-to-see images even in brightly lit classrooms and meeting rooms, to make presentations easier to understand.



High power brightness

6,000 lm **NEW**

DLP® Projector
PT-D5700U
PT-D5700UL*

*Without lens model



High brightness and high picture quality

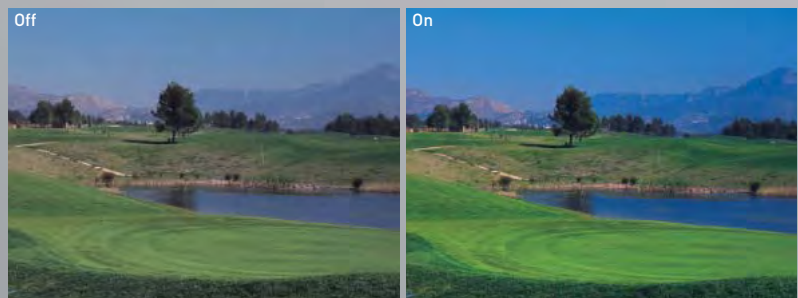
High-power 6,000-lm brightness **NEW**

The PT-D5700U/D5700UL offer full 6,000 lumens of brightness, thanks to the newly developed AC lamp and more efficient reflectors and synthetic mirror. This enables crisp, sharp images even when projecting in a classroom, meeting room, or other location with ordinary daytime lighting.



System daylight view **NEW**

The system daylight view function uses an image processing circuit to compensate for the loss of color saturation that occurs when light reflects onto the screen from bright surroundings. It is especially effective for producing crisp, sharp images in dark portions containing gradation. The function can be adjusted in three steps.



Projection of bright, high-quality images in large spaces such as halls, conference rooms, classrooms, control rooms, and churches.

Conference rooms



Classrooms



Control rooms



Churches



Vivid color control

A unique control technology is used to maximize the color segment areas of the color wheel. Compared to conventional projectors, the brightness of each color is increased by an average of about 15%. This results in sharper, clearer color reproduction.

Progressive cinema scan (3/2 Pulldown)

This interlace/progressive conversion technology automatically detects when the input signal is derived from filmed material and selects the optimum progressive processing method to assure faithful reproduction of the original image.

Full 10-bit picture processing NEW

The use of a full 10-bit image processing system provides smooth tonal expression. For example, skin tones appear natural and true to life.

3D color management system

Compensation provides optimal levels of color saturation, hue, and brightness that were not possible with conventional projectors. Colors approach those of the original image, even on large-screen displays.

New IP conversion circuit NEW

The PT-D5700U/D5700UL feature a new IP conversion circuit that produces more detailed images than our previous models.

Dynamic sharpness control

The dynamic sharpness control circuit adjusts the video signal waveforms based on the difference in brightness of adjacent pixels for a sharp, clear picture that is relatively unaffected by signal noise.

More effective noise reduction NEW

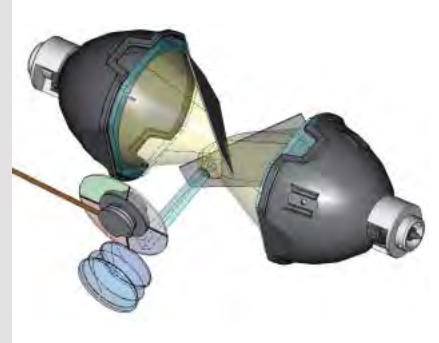
Images are noticeably clearer, thanks to higher-performance frame noise reduction, which lowers image graininess, and improved MPEG noise reduction, which suppresses the block noise and mosquito noise that are common in fast-action scenes.

Excellent reliability



Dual lamp system

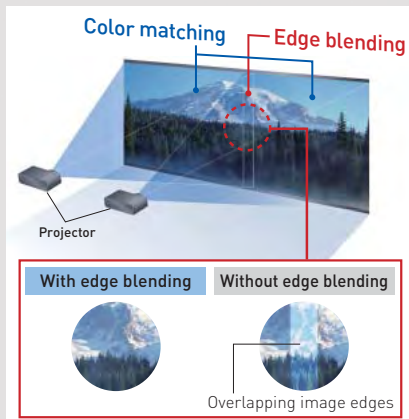
The use of two lamp systems increases brightness and eliminates the need to interrupt a presentation if a lamp burns out (in dual lamp operation mode).



Flexible system installation

Built-in multi-screen support system

NEW



•Edge blending function

This function controls luminance at the edges where screens overlap. By eliminating unnatural screen joints, it produces uniformly attractive multi-screen displays.

•Color matching function

The Color Matching function corrects the subtle variations in color reproduction between projectors. Originally developed "adjustment assist" software quickly and precisely optimizes images, so the colors on each screen are uniformly reproduced.

•Digital image enlarging

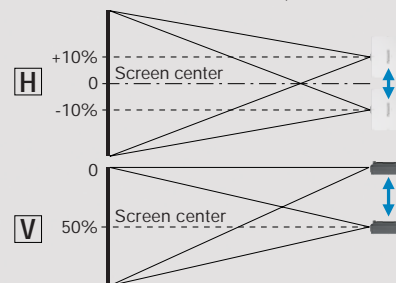
Images are enlarged up to 10 times (horizontally and vertically) without having to use any additional devices.

Lens-centered design

A lens-centered, symmetrical design provides flexible system layout, eliminating the need for any special considerations when planning the installation site.

Horizontal/Vertical lens shift

A wide adjustment range of the horizontal/vertical lens shift assures distortion free images and adds convenience and versatility. (Horizontal : manual, Vertical : powered)



Optional lenses for various venues

Five optional lenses with different throw distances are available in addition to the supplied lens. These powered zoom/focus lenses enable the projectors to perform superbly in an array of projection environments.

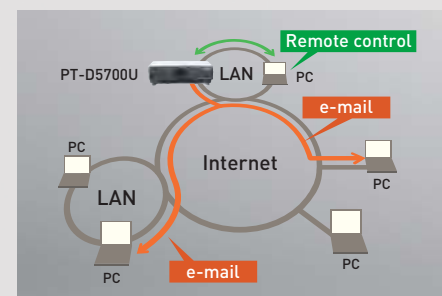
Multiple terminals

The PT-D5700U/D5700UL has an array of terminals—two RGB inputs including a 5-BNC connector, serial in/out, one S-video inputs, two remote in, one remote out, DVI-D and control capability—to support a broad range of projection needs HDCP. (High-Bandwidth Digital Content Protection) compliant. Using the serial terminal(RS232C), it is also possible to connect and operate AMX and Crestron control systems with ease.



Web browser control/monitoring and e-mail message alert

Anybody can operate the PT-D5700U/D5700UL by remote control or monitor its status over a LAN network, because it is all done using the computer's familiar Web browser. Furthermore, the PT-D5700U/D5700UL sends an E-mail message to notify the operator when an error has occurred, or a lamp needs to be replaced.



AC lamp

NEW

Newly developed AC lamps with full 300 watts of power offer excellent brightness and greater reliability than other types. A new lamp drive system also lowers the stress on the lamp electrodes while the lamps are lit. The new lamps have a lifetime of approximately 3,000 hours*, which is reassuring for applications where the projector is frequently used. The AC lamps also minimize color irregularities.

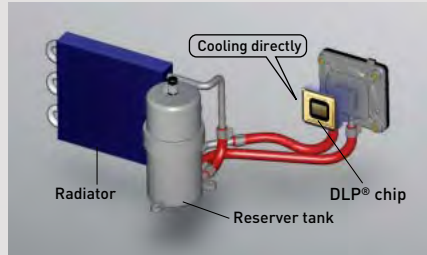
*with lamp mode: low



Liquid-cooling system

Panasonic's original liquid-cooling system directly cools the DLP® chip, which extends PT-D5700U/D5700UL performance and attains a high level of reliability. It also enables operation in temperatures up to 113°F/45°C for use in a wider variety of environments, and maintains a more stable performance even in harsh conditions while keeping the operating sound down to a quiet 29 dB*.

*with lamp mode: low



Micro cut filter

A filter in the air intake section traps dust particles that are 10 microns* or larger. By capturing approximately 7 times as much dust as conventional filters, it guards against optical blocks and reduces the penetration of dust into the interior to provide stable operation by, for example, preventing drops in brightness.



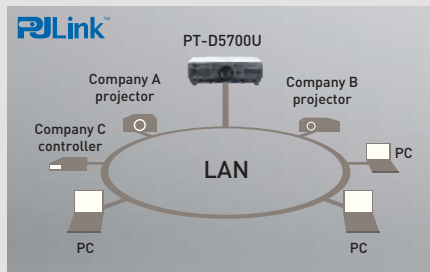
*10-micron dust = lint, pollen, etc.

Dustproof design with sealed optical block

The effect of dust has been minimized by completely sealing the optical block. The dust-free design helps ensure that this DLP® projector will continue to deliver crisp, sharp, high-resolution images over an extended service life.

PJLink™ compatibility

The LAN terminals support PJLink™ class 1 connection. Control with the same specifications is also possible when used in a multi-projector system with projectors of another brand.



Other valuable features

Mechanical lens shutter

A mechanical lens shutter minimizes annoying light leakage when the PT-D5700U/D5700UL is on standby or temporarily not in use, such as during a meeting.

Direct power off

Built-in capacitor provides power to cool the internal parts. This means that you can switch off the room's main power as soon as the presentation ends. PT-D5700U/D5700UL doesn't make you wait around and helps minimize lamp damage.

Flexible angle setting

The PT-D5700U/D5700UL can be rotated vertically. This means you can install it at any up-and-down angle you wish to accommodate different installation conditions.



Easy replacement of dust filter and lamp

Dust filter is replaced from the side and lamps are replaced from the back panel. Both of them are replaced very easily even when PT-D5700U/D5700UL is installed.

Others

- ID assignment for up to 65 units
- Coordinated group control for up to 26 groups (A-Z)
- Digital vertical keystone correction
- Built-in test pattern
- Selectable 9-language on-screen menu (English, German, French, Spanish, Italian, Russian, Japanese, Chinese, Korean)
- Anti-theft features with chain opening

Easy lens replacement

The PT-D5700U/D5700UL uses the bayonet system, so lenses attach and detach with one-touch ease.



Control panel and wireless remote control

NEW

The rear control panel allows for easy operation when the PT-D5700U/D5700UL is set on a desk or floor. New wireless remote control with longer transmission capacity of 98 feet (30 m).



The PT-D5700UL delivers the same performance as the PT-D5700U, but comes without lens. Combine it with an optional lens to get the exact performance you need according to usage and operating conditions.

Ecology-conscious design

Panasonic works from every angle to minimize environmental impact in the product design, production and delivery processes, and in the performance of the product during its life cycle. The PT-D5700U/D5700UL reflects the following ecological considerations.

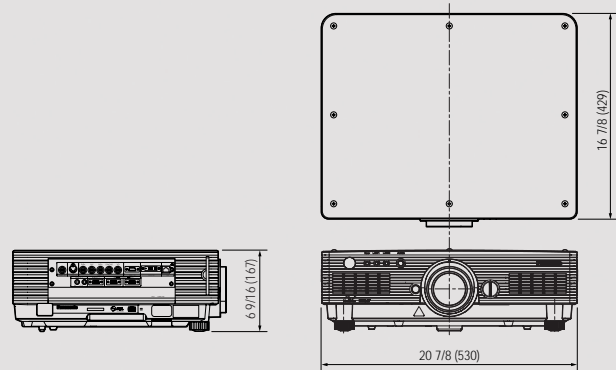
- No halogenated flame retardants are used in the cabinet.
- The packing case and operating manual are made from recycled paper.
- Lamp power switching further reduces power consumption.
- Auto Power Save activates standby mode when no signal is input.

Specifications

System	DLP® Projection system
Device	0.7" (diagonal) DLP® chip 4:3
Pixels	786,432 (1,024 x 768) x 1 total of 786,432 pixels
Lamp	300 W UHM™ lamp x 2 (Dual Lamp System)
Brightness (normal lamp)	6,000 lumens (dual lamp, high power mode)
Contrast ratio	2,000:1 (full on/full off, contrast mode: high)
Resolution	
RGB	1,024 x 768 pixels
Video	560 TV lines
Lens	
PT-D5700U	Powered zoom/focus lens, Supplied lens: (1.8-2.4:1) F = 1.7-2.0, f = 25.6-33.8 mm
PT-D5700UL	Optional powered zoom/focus lenses 50 - 600 inches
Screen size	Vertical (powered), horizontal (manual)
Lens shift	
RGB input scanning frequency	fh 15-91 kHz, fv 50-85 Hz Dot clock 150 MHz or lower
Component signal	480i, 480p, 576i, 576p, 720/60p, 720/50p, 1080/60i, 1080/60p 1080/50i, 1080/50p
Video signal	NTSC, NTSC4.43, PAL, PAL60, PAL-N, PAL-M, SECAM
Terminals	
VIDEO IN	BNC
S-VIDEO IN	Mini DIN 4-pin
RGB1/YPbPr IN	BNC x 5
RGB2 IN	D-sub HD 15-pin
DVI-D IN	24pin DVI 1.0 compliant, HDCP compatible, for single link
RS-232C IN	D-sub 9-pin female
RS-232C OUT	D-sub 9-pin male
REMOTE 1 IN	M3 jack
REMOTE 1 OUT	M3 jack
REMOTE 2 IN	D-sub 9-pin female (parallel)
LAN	RJ-45x1, compliant with PLink™ (class 1), 10Base-T/100Base-TX
Keystone correction range	±30° (with standard lens)
Installation	Front/rear, ceiling/floor
Power cord length	9.9' (3.0m)
Power supply	120 V AC, 60 Hz
Power consumption	770 W (770 VA) (10 W during standby mode with fan stopped)
Dimensions (W x H x D)	20-7/8" x 6-9/16" x 16-7/8" (530 x 167 x 429 mm) (without lens)
Weight	
PT-D5700U	30.6 lbs (13.9 kg) with supplied lens
PT-D5700UL	28.9 lbs (13.1 kg) without lens
Operating temperature	32 - 113 °F (0 - 45 °C)
Operating humidity	20-80% (no condensation)
Supplied accessories	Power cord, Wireless/wired remote control unit, AA Batteries (x 2) for remote control

Dimensions

unit: inch [mm]



Optional accessories

Replacement Lamp Unit
ET-LAD57
ET-LAD57W (twin pack)



Zoom Lens (1.3-1.8:1)
ET-DLE100
Zoom Lens (2.4-4.0:1)
ET-DLE200
Zoom Lens (3.8-6.0:1)
ET-DLE300
Zoom Lens (5.8-8.1:1)
ET-DLE400
Fixed Focus Lens (0.8:1)
ET-DLE050



Ceiling Mount Bracket
for high ceiling
ET-PKD56H



Ceiling Mount Bracket
for low ceiling
ET-PKD55S

NOTES ON USE

Notes on Projector Placement and Operation:

The projector uses a high-wattage lamp that becomes very hot during operation. Please observe the following precautions.

- Never place objects on top of the projector while it is operating.
- Make sure there is an unobstructed space of 500 mm or more around the projector's exhaust openings.
- Do not stack projector units directly on top of one another. If two units must be stacked for backup use in ordinary projection, use a method as shown below and provide ample space between the units to ensure that exhaust heat does not accumulate near the intake opening or around the units. Dual stacked projection of the PT-D5700U/D5700UL is not recommended.
- If the projector is placed in a box or enclosure, ensure the temperature of the air surrounding the projector is between 0 °C/32 °F and 40 °C/104 °F*. Also make sure the projector's intake and exhaust openings are not blocked. Take particular care to ensure that hot air from the exhaust openings is not sucked into the intake openings.

* Even when the ambient temperature near the intake opening is 40 °C/104 °F or lower, an accumulation of hot air inside the cabinet may cause the protective circuit to activate and shut down the projector. Please give ample consideration to the design with regard to ambient temperature conditions.

Operating the Projector Continuously:

- If the projector is to be operated continuously 24 hours a day, use the dual-lamp optical system's alternating lamp operation (lamp changer) function. The projector cannot be operated continuously 24 hours a day in dual-lamp mode. Allow a minimum of two hours per day of non-operation time per day if using the dual-lamp mode.
- The lamp replacement cycle duration becomes shorter if the projector is operated repeatedly for short periods.

- The projector uses a high-voltage mercury lamp that contains high internal pressure. This lamp may break, emitting a large sound, or fail to illuminate, due to impact or extended use. The length of time that it takes for the lamp to break or fail to illuminate varies greatly depending on individual lamp characteristics and usage conditions.
- The brightness of the lamp will gradually decrease with use.

Projection distance [feet / meters]

Screen size (4:3)	Throw distance											
	With ET-DLE050 0.8:1 L		With ET-DLE100 1.3-1.8:1 min. max.		With supplied lens* 1.8-2.4:1 min. max.		With ET-DLE200 2.4-4.0:1 min. max.		With ET-DLE300 3.8-6.0:1 min. max.		With ET-DLE400 5.8-8.1:1 min. max.	
50"	2.6 0.7m	4.3 1.3m	5.9 1.8m	5.8 1.7m	7.7 2.3m	8.0 2.4m	13.2 4.0m	12.5 3.8m	19.7 6.0m	19.3 5.9m	27.2 8.3m	
80"	4.2 1.2m	7.0 2.1m	9.6 2.9m	9.5 2.9m	12.6 3.8m	13.0 3.9m	21.3 6.5m	20.4 6.2m	31.9 9.7m	30.9 9.4m	43.4 13.2m	
100"	5.3 1.6m	8.9 2.7m	12.0 3.6m	11.9 3.6m	15.8 4.8m	16.3 4.9m	26.7 8.1m	25.6 7.8m	39.9 12.1m	38.6 11.7m	54.2 16.5m	
150"	8.0 2.4m	13.4 4.0m	18.1 5.5m	17.9 5.4m	23.8 7.2m	24.5 7.4m	40.2 12.2m	38.6 11.7m	60.1 18.3m	57.9 17.6m	81.2 24.7m	
200"	10.7 3.2m	17.9 5.4m	24.2 7.3m	24.0 7.3m	31.8 9.7m	32.8 10.0m	53.8 16.4m	51.7 15.7m	80.3 24.5m	77.2 23.5m	108.1 32.9m	
300"	—	27.0 8.2m	36.4 11.1m	36.1 11.0m	47.8 14.5m	49.3 15.0m	80.8 24.6m	77.7 23.7m	120.8 36.8m	115.8 35.3m	162.1 49.4m	
400"	—	36.0 10.9m	48.6 14.8m	48.3 14.7m	63.8 19.4m	65.9 20.0m	107.8 32.8m	103.8 31.6m	161.2 49.1m	154.3 47.0m	216.1 65.9m	
500"	—	45.1 13.7m	60.8 18.5m	60.4 18.4m	79.8 24.3m	82.4 25.1m	134.8 41.1m	129.9 39.6m	201.6 61.4m	192.9 58.8m	270.1 82.3m	
600"	—	54.1 16.5m	73.0 22.2m	72.6 22.1m	95.8 29.2m	98.9 30.1m	161.9 49.3m	156.0 47.5m	242.0 73.7m	231.5 70.5m	324.1 98.8m	

* The supplied lens is used only for PT-D5700U.

Panasonic®

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Mississauga, Ontario
Canada L4W 2T3
905 624 5010

For more information about Panasonic projectors. Visit —
<http://panasonic.co.jp/pavc/global/projector/>
 Please contact Panasonic or your dealer for a demonstration.



Weights and dimensions shown are approximate. Specifications are subject to change without notice.

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An application has been filed for trademark rights, or trademark rights have been granted, for PLink in Japan, United States of America and other countries and area.
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PT-D5700U1-07May20K Printed in Japan.

AXIS P5534 PTZ Dome Network Camera

HDTV pan/tilt/zoom camera with 18x zoom for indoor applications.



- > HDTV 720p, day/night and H.264
- > IP51-rated protection against dust and dripping water
- > 18x optical zoom
- > Advanced Gatekeeper functionality
- > Power over Ethernet Plus (IEEE 802.3at)

AXIS P5534 PTZ Dome Network Camera offers superb HDTV-quality video and 18x zoom for indoor surveillance applications. With an IP51-rated protection against dust and dripping water, it is ideal for use at airports, train stations, warehouses, shops and schools.

AXIS P5534 provides HDTV 720p in compliance with SMPTE 296M standard of 1280 x 720 pixel resolution, full frame rate, HDTV color fidelity and a 16:9 format. The camera has day and night functionality for high image quality in low light conditions. It can also deliver multiple H.264 and Motion JPEG streams simultaneously. H.264 greatly optimizes bandwidth and storage without compromising image quality.

The camera's IP51 rating ensures reliable operation even in dusty and potentially wet indoor conditions. Support for Power over Ethernet Plus (PoE+) also makes installation easy since only one cable is needed for carrying power, video and PTZ commands. A PoE+ midspan is supplied with the camera.

The PTZ camera provides 18x optical and 12x digital zoom with autofocus. It can pan 360° due to the unique Auto-flip functionality.

AXIS P5534 offers the Advanced Gatekeeper functionality, which enables the camera to automatically move to a preset position when motion is detected in a pre-defined area and return to the home position after a set time.

When an optional multi-connector cable is used, the camera supports two-way audio, audio detection, four configurable inputs/outputs for external devices and AC/DC power. Local storage with SD/SDHC memory card is also supported.



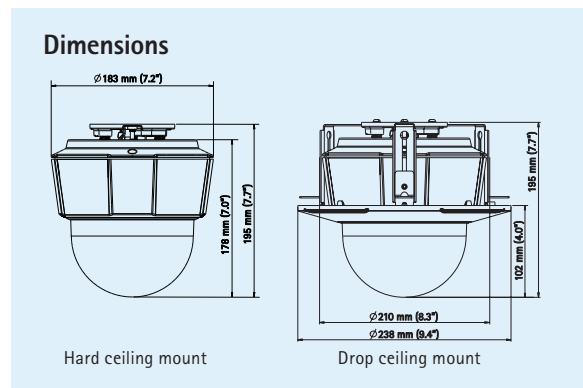
Technical specifications – AXIS P5534 PTZ Dome Network Camera

Camera	
Models	AXIS P5534 60 Hz; AXIS P5534 50 Hz
Image sensor	1/3" progressive scan CCD 1.3 megapixel
Lens	f=4.7 – 84.6 mm, F1.6 – 2.8, autofocus, automatic day/night Horizontal angle of view: 55.2° – 3.2°
Minimum illumination	Color: 0.74 lux at 30 IRE F1.6 B/W: 0.04 lux at 30 IRE F1.6
Shutter time	1/10 000 s to 1/4 s
Pan/tilt/zoom	E-flip, Auto-flip, 100 preset positions Pan: 360° (with Auto-flip), 0.2° – 300°/s Tilt: 180°, 0.2° – 300°/s 18x optical zoom and 12x digital zoom, total 216x zoom
Pan/tilt/zoom functionalities	Limited guard tour Control queue On-screen directional indicator
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Motion JPEG
Resolutions	HDTV 720p 1280x720 to 320x180
Frame rate	H.264: Up to 30/25 fps (60/50 Hz) in all resolutions Motion JPEG: Up to 30/25 fps (60/50 Hz) in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR H.264
Image settings	Wide dynamic range, manual shutter time, compression, color, brightness, sharpness, white balance, exposure control, exposure zones, backlight compensation, fine tuning of behavior at low light, rotation, text and image overlay, 3D privacy mask, image freeze on PTZ
Audio	
Audio streaming	Two-way
Audio compression	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate
Input/output	Requires multi-connector cable (not included) for external microphone input or line input and line output
Network	
Security	Password protection, IP address filtering, HTTPS* encryption, IEEE 802.1X* network access control, digest authentication, user access log
Supported protocols	IPv4/v6, HTTP, HTTPS*, SSL/TLS*, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS

System integration	
Application Programming Interface	Open API for software integration, including VAPIX® from Axis Communications, available at www.axis.com Support for AXIS Video Hosting System (AVHS) with One-Click Camera Connection
Intelligent video Event triggers	Video motion detection, audio detection, Advanced Gatekeeper Video motion detection, audio detection, external input, PTZ preset, temperature, memory card full
Event actions	File upload: FTP, HTTP, network share and email; notification: email, HTTP and TCP; external output activation; video and audio recording to edge storage; pre- and post-alarm video buffering; play audio clip
Data Streaming	Event data
Built-in installation aids	Pixel counter
General	
Casing	IP51-rated, metal casing (aluminum), acrylic (PMMA) clear dome
Memory	256 MB RAM, 128 MB Flash
Power	Power over Ethernet Plus (PoE+) IEEE 802.3at, max. 30 W 20–24 V AC, max. 23.6 VA 24–34 V DC, max. 17 W AXIS T8123 High PoE Midspan 1-port: 100–240 V AC, max. 37 W
Connectors	RJ-45 for 10BASE-T/100BASE-TX PoE Multi-connector (cable not included) for power in, 4 configurable alarm inputs/outputs, mic in, line mono input, line mono output to active speaker
Edge storage	SD/SDHC memory card slot (card not included) Support for recording to network share (network-attached storage or file server)
Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 15 – 85% RH (non-condensing)
Approvals	EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22, EN 60950-1, KCC Class B IEC 60721-4-3 Class 3K3, 3M3, EN/IEC 60068-2 Midspan: EN 60950-1, GS, UL, cUL, CE, VCCI, CB, KCC
Weight	Camera: 1.9 kg (4.2 lb.) Camera with drop-ceiling mount: 2.3 kg (5.1 lb.)
Included accessories	AXIS T8123 High PoE Midspan 1-port, mounting kit for hard and drop ceilings, smoked dome cover, Installation Guide, Installation and Management Software CD, Windows decoder 1-user license

*This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org)

More information is available at www.axis.com



Optional accessories

AXIS T91A Mounting Accessories Wall Corner Ceiling Pendant kit	AXIS T90A Illuminators 	AXIS T8310 Video Surveillance Control Board
Multi-connector cable for AC/DC power, I/Os and audio 		AXIS Camera Companion (included), AXIS Camera Station and video management software from Axis' Application Development Partners (not included). For more information, see www.axis.com/products/video/software