



City of Galena, Illinois

AGENDA

REGULAR CITY COUNCIL MEETING

MONDAY, SEPTEMBER 28, 2015

6:30 P.M. – CITY HALL 101 GREEN STREET

ITEM	DESCRIPTION
15C-0355.	Call to Order by Presiding Officer
15C-0356.	Roll Call
15C-0357.	Establishment of Quorum
15C-0358.	Pledge of Allegiance
15C-0359.	Reports of Standing Committees
15C-0360.	Citizens Comments <ul style="list-style-type: none"> • Not to exceed 15 minutes as an agenda item • Not more than 3 minutes per speaker • No testimony on zoning items where a public hearing has been conducted

LIQUOR COMMISSION

ITEM	DESCRIPTION	PAGE
15C-0361.	Discussion and Possible Action on an Application by Shanna M. Powell for a Corporation Manager Liquor License for Cannova’s Inc., DBA Cannova’s Pizza, 247 N. Main Street	4-6

CONSENT AGENDA CA15-17

ITEM	DESCRIPTION	PAGE
15C-0362.	Approval of the Minutes of the Regular City Council Meeting of September 14, 2015	7-10

15C-0363.	Approval of Budget Amendment BA15-07 for Turner Hall Projects, Body Camera Donation, and Public Improvement Donations	11-13
15C-0364.	Acceptance of August 2015 Financial Report	--
15C-0365.	Approval of Change Order #2 for Turner Hall Fire Escape and Associated Improvements	14-16
15C-0366.	Approval of Request by Building Official, Jonathan Miller, to Reside Outside the City Limits	17

UNFINISHED BUSINESS

None.

NEW BUSINESS

ITEM	DESCRIPTION	PAGE
15C-0367.	Discussion and Possible Action on Memorandum of Understanding with the Galena Foundation for Improvements to Grant Park	18-19
15C-0368.	Discussion and Possible Action on a Contract with Civil Contractors Inc. for Blacktop Paving of Fourth Street and Blackjack Road	20-21
15C-0369.	Discussion and Possible Action on Bidding Fire Training Center Storage Barn Improvement Project	22-25
15C-0370.	Discussion and Possible Action on an Ordinance Updating Chapter 155 "Floodplain Management Standards" of the <u>Galena Code of Ordinances</u>	26-47
15C-0371.	Warrants	48-54
15C-0372.	Alderspersons' Comments	
15C-0373.	City Administrator's Report	
15C-0374.	Mayor's Report	
15C-0375.	Adjournment	

CALENDAR INFORMATION

BOARD/COMMITTEE	DATE	TIME	PLACE
Turner Hall Committee	Thurs. October 1	8:30 A.M.	City Hall, 101 Green Street
Historic Preservation Comm.	Thurs. October 1	6:30 P.M.	City Hall, 101 Green Street
City Council	Tues. October 13	6:30 P.M.	City Hall, 101 Green Street
Zoning Board of Appeals	Wed. October 14	6:30 P.M.	City Hall, 101 Green Street
Deer Committee	Wed. October 21	6:30 P.M.	City Hall, 101 Green Street

Posted: Thursday, September 25, 2015 at 3:30 p.m. Posted By:



311 N. Bench Street, Galena, IL 61036-1809

Chief of Police

Lori Huntington

(815) 777-2131

FAX (815) 777-4736

DATE: September 11, 2015

TO: Honorable Mayor Terry Renner & City Alderpersons

FROM: Chief Lori Huntington 

RE: Liquor License Corporation Manager License –
Shanna M. Powell for Cannova's, Inc., DBA Cannova's
Pizza, 247 N. Main Street, Galena, IL.

A name check of local, state, and federal criminal records reveals no information that would prohibit this applicant from holding the license for which she has applied.

I have never been convicted of a felony or any misdemeanor opposed to decency and morality. I am not disqualified to receive a license by any reason of matter or thing contained in the Galena Municipal Code of the Illinois Liquor Control Act. I will not violate any of the laws of the State of Illinois or of the Unity States in the conduct of managing this place of business. The undersigned further states that he/she is a person of good moral character and the he/she agrees not to violate any of the Ordinances of the City of Galena, any laws of the United States, or of the State of Illinois. The undersigned further states that in the event any statement contained in this application is not true that any approval of management may be immediately suspended and revoked.

I, [Signature], being duly sworn on oath, state that the facts set forth in the above application are true and correct.

[Signature] 8/10/15
Applicant's Signature Date

Mary Beth Hyde 9.10.15 7/3/17
Notary's Signature Date Commission Expiration



MINUTES OF THE REGULAR CITY COUNCIL MEETING OF 14 SEPTEMBER 2015

15C-0335 – CALL TO ORDER

Mayor Renner called the regular meeting to order at 6:30 p.m. in the Board Chambers at 101 Green Street on 14 September 2015.

15C-0336 – ROLL CALL

Upon roll call the following members were present: Bernstein, Fach, Hahn, Kieffer, Lincoln, Westemeier, Renner

15C-0337– ESTABLISHMENT OF QUORUM

Mayor Renner announced a quorum of Board members present to conduct City business.

15C-0338 – PLEDGE OF ALLEGIANCE

The Pledge was recited.

15C-0339 - REPORTS OF STANDING COMMITTEE

Turner Hall Committee – Fach updated the Council on the status of Turner Hall. They are in the process of working on quotes. The lighting people will be there next month to work on the lighting system while the Drama Club is in there.

15C-0340 – PUBLIC COMMENTS

Anna Hemm, 226 S. High Street – Hemm stated she is a little bit appalled at the fact that the Council accepted petitions with no description at the top. She feels all future petitions should say what they are signing for.

Hemm also voiced concern that people seeking signatures were telling stories that weren't true. One told people their dog was going to get lymes disease. Rumors were going around that 8 dogs were put down this year because of lymes disease. Hemm contacted the area vets and learned they don't put dogs down for lymes disease. She feels this tells they are trying to get signatures no matter what.

CONSENT AGENDA CA15-16

15C-0341 – APPROVAL OF MINUTES OF REGULAR CITY COUNCIL MEETING OF AUGUST 24, 2015

15C-0342 – ACCPETANCE OF JULY 2015 FINANCIAL REPORT

15C-0343 – APPROVAL OF REQUEST BY LOCAL NOT-FOR-PROFIT GROUPS TO PARK VEHICLES IN CITY PARKING LOTS ON OCTOBER 10, 11 AND 31

Motion: Kieffer moved, seconded by Lincoln, to approve Consent Agenda CA15-16 as presented.

Discussion: None.

Roll Call: AYES: Fach, Hahn, Kieffer, Lincoln, Westemeier, Bernstein, Renner
NAYS: None

The motion carried.

NEW BUSINESS

15C-0344 – DISCUSSION AND POSSIBLE ACTION ON THE APPOINTMENT OF BETH BARANSKI TO THE DEER COMMITTEE

Motion: Fach moved, seconded by Bernstein, to approve the appointment of Beth Baranski to the Deer Committee.

Discussion: None.

Roll Call: AYES: Hahn, Kieffer, Lincoln, Bernstein, Fach, Renner
NAYS: Westemeier

The motion carried.

15C-0345 – DISCUSSION AND POSSIBLE ACTION ON KIOSK IMPROVEMENT PROJECT

Motion: Bernstein moved, seconded by Fach, to approve the Kiosk Improvement Project.

Discussion: Council feels this will be a nice improvement.

Roll Call: AYES: Kieffer, Lincoln, Westemeier, Bernstein, Fach, Hahn, Renner
NAYS: None

The motion carried.

15C-0346 – DISCUSSION AND POSSIBLE ACTION ON A CONTRACT FOR BACKFLOW DEVICE INSPECTION SERVICES

The following quotes were received:

<u>Company</u>	<u>Cost/Device</u>
Geostar Mechanical	\$42.50
Nelson-Carlson Mechanical Contr.	\$60.00
Mechanical, Inc.	\$70.00

Motion: Lincoln moved, seconded by Kieffer, to approve a contract for backflow device inspection services with Geostar Mechanical in the amount of \$42.50 per device.

Discussion: None.

Roll Call: AYES: Lincoln, Westemeier, Bernstein, Fach, Hahn, Kieffer, Renner
NAYS: None

The motion carried.

15C-0347 – DISCUSSION AND POSSIBLE ACTION ON DRAFTING AN ORDINANCE REQUIRING SEVERE WEATHER STORM SHELTERS OR SAFE ROOMS IN CERTAIN NEW CONSTRUCTION

Motion: Fach moved, seconded by Bernstein, to refer this draft of an ordinance to staff for severe weather storm shelters or safe rooms in certain new construction, 15C-0347.

Discussion: Fach stated he understands there are no laws on the books for this. He recommended anything over 50 occupants should be required to have a reinforced area in the

building where the people can go to huddle when a tornado is going to strike. He feels it would not be a big requirement.

Renner advised each building can designate an inside storm shelter. Staff has researched looking for ordinances and weren't able to come up with any.

Lincoln likes the idea of trying to put in a safe room; however, he is concerned it would make their costs skyrocket. He feels it will come down to what is reasonable.

Roll Call: AYES: Bernstein, Fach, Lincoln, Renner
NAYS: Hahn, Kieffer, Westemeier

The motion carried.

15C-0348 – PRESENTATION ON CODERED PUBLIC NOTIFICATION SYSTEM

Mark Moran made a presentation on the CodeRED Public Notification System.

15C-0349 – WARRANTS

Motion: Hahn moved, seconded by Westemeier, to approve the Warrants as presented.

Discussion: None.

Roll Call: AYES: Fach, Hahn, Lincoln, Westemeier, Bernstein, Renner
NAYS: None
ABSTAIN: Kieffer

The motion carried.

15C-0350 – ALDERPERSONS' COMMENTS

Deer Committee – Westemeier stated while he has no disrespect for Beth Baranski, he feels the Council needs to bypass the Deer Committee and make the decision as to whether or not to cull the deer. He feels the City will be wasting time going through the committee process again.

Thank you – Lincoln thanked staff for the recent card to him and his family at the time of his wife's grandmothers passing. He appreciated the personal message from each staff member. It was very much appreciated.

Deer Crossing Signs – Fach questioned what the status was on the deer crossing signs for the highway. He further recommended adding signs on the highway alerting people to be prepared for sudden stops.

Accident – Fach advised 25 years ago he tried to get a flashing light at the top of Grady Hill for trucks to test their brakes. If that had been there, the most recent accident might not have happened.

Financials – Hahn noted in the most recent financials the City paid out \$560 for recycled TV's. He voiced concern if people can't figure out that we no longer accept TV's, the dumpster should be pulled and they can pay to dispose of all electronics.

15C-0351 – CITY ADMINISTRATOR'S REPORT

Third & Rives – Work will start on the sewer installation project this week.

Bike Trail – The bike trail is nearly complete. All that is left to do is sealcoating of the road from the Belvidere Mansion to the end.

Commerce Street Lot – The new Pay and Display machine has been installed and is working well. The lot brought in over \$500 this past weekend.

Meeting – Moran reminded Council of the meeting set for September 21 at the Galena Middle School to recap the recent trail derailment. Representatives from the Illinois EPA, BNSF Railroad, County and fire department will be there. The meeting starts at 6:00 p.m.

Recycling – Moran advised he is working on a plan to have a day once per year where people can bring in TV's to be recycled for a \$10 charge.

15C-0352 – MAYOR’S REPORT

Mayor Renner advised the Gazette will be doing an article with regard to electronics recycling and what we can take.

15C-0353– MOTION FOR EXECUTIVE SESSION

Motion: Hahn moved, seconded by Kieffer, to recess to Executive Session to discuss the following:

- Sale or lease of public property, Section 2 (c) (6)
- Review of Executive Session Minutes, Section 2 (c) (21)

Discussion: None.

Roll Call: AYES: Hahn, Kieffer, Lincoln, Westemeier, Bernstein, Fach, Renner
NAYS: None

The motion carried.

The meeting recessed at 7:06 p.m.

The meeting reconvened at 7:22 p.m.

15C-0334 - ADJOURNMENT

Motion: Hahn moved, seconded by Kieffer to adjourn.

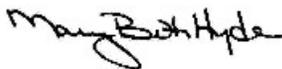
Discussion: None.

Roll Call: AYES: Westemeier, Bernstein, Fach, Hahn, Kieffer, Lincoln, Renner
NAYS: None

The motion carried.

The meeting adjourned at 7:22 p.m.

Respectfully submitted,



Mary Beth Hyde
City Clerk



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City of Galena, Illinois

Budget Amendment No. 16-07
 Fiscal Year 2015-16

Line Item Title	Line Item No.	Beginning Balance	Increase	Decrease	Ending Balance
Misc. Revenue (Police)	01.389.2	\$ 2,000	\$ 8,163		\$ 10,163
Misc. Grant Expenditures (Police)	01.21.830.04	\$ 3,845	\$ 8,163		\$ 12,008
Miscellaneous Revenue (Parks)	17.389.0	\$ 10,000	\$ 13,900		\$ 23,900
Park Improvements	17.52.820.06	\$ 8,000	\$ 13,900		\$ 21,900
Insurance Claims	01.388.3	\$ 2,000	\$ 1,490		\$ 3,490
Maintenance Projects	01.41.614.05	\$ 5,000	\$ 1,490		\$ 6,490
Turner Hall Grant Revenue	58.349.0	\$ 10,750	\$ 122,500		\$ 133,250
Turner Hall Improvements	58.54.820.00	\$ 15,750	\$ 121,900		\$ 137,650

Justification:

This budget amendment includes the following proposed changes to the current budget:

1. A local resident is donating \$8,163 to purchase body cameras for each of our nine police officers. The revenue and the corresponding expense were not included in the current budget. The proposed amendment adds \$8,163 as revenue and as an expense to facilitate the purchase of the cameras.
2. An ornamental sundial was donated for installation in Grant Park. The sundial replaced a similar item that was present many years ago. The proposed budget amendment adds \$2,650 to the Misc. Parks Revenue line item for the donation and an equal amount to the Parks expense budget for the purchase.
3. Five donations of \$2,250 have been committed for the installation of five period lights along the sidewalk in Cemetery Park. The proposed amendment would add the total donation amount of \$11,250 to the Misc. Park Revenue line item (combined with the sundial donation equals \$13,900). The proposed amendment also adds \$11,250 to the Park Improvements expense line item for the complete installation of the lights (a total of \$13,900 when combined with the sundial donation).
4. A vehicle struck and damaged a guardrail on Young Street this summer. The driver's insurance company issued a check to the City in the amount of \$490 as partial reimbursement for the damages. An additional reimbursement check of \$1,000 is expected. The proposed budget amendment adds \$1,490 to the Insurance Claims revenue line item and an equal amount to the Maintenance Projects expense line item for the completion of the repairs.
5. Beginning last fiscal year, a significant work plan was initiated for improving Turner Hall. The Galena Foundation committed to a partnership with the City to fund a large portion of the improvements. Some of the approved expenses from last fiscal year were not completed until the current fiscal year. As a result, grant revenues expected last fiscal will not be received until this fiscal year. The total expected revenue for projects initiated last fiscal year is \$109,500. On the expense side, \$26,250 of expenses approved last fiscal year carried over into the current fiscal year. The proposed budget amendment adjusts the Turner Hall revenues and expenses accordingly.

Many of the projects approved for Turner Hall were approved by the city council and the Galena Foundation after the approval of the current budget. The proposed budget amendment also adjusts revenues and expenses based on the work that is expected to be completed this fiscal year. According to the memorandum of understanding between the City and the Galena Foundation, the City will fund all improvements and be repaid by the Galena Foundation over a five-year period. The first repayment distribution from the Galena Foundation of \$5,500 is expected this fiscal year. An additional \$7,500 from the Galena Foundation is expected for the planned lighting improvements. The total grant revenue from the Galena Foundation expected this fiscal year is \$122,500. The expenses expected to be incurred this fiscal year and related to the memorandum of understanding total \$95,650. Combining this figure with the \$26,500 described in the previous paragraph, the proposed amendment adds a total of \$121,900 of expenses to the Turner Hall expense budget.

There would be no net change to the projected year-end General Fund balance as a result of the proposed budget amendments. There would be a net benefit of \$600 in the other funds (non-General Fund) as a result of the proposed budget amendment.

Effect of Budget Amendment on Budget:

Fund	Approved Budget	Budget After Previous Amendments	Budget After Proposed Amendment
General Fund Revenues	\$ 3,568,985	\$ 3,629,985	\$ 3,639,638
General Fund Expenses	\$ 3,550,035	\$ 3,684,930	\$ 3,694,583
General Fund Total	\$ 18,950	\$ (54,945)	\$ (54,945)
Other Fund Revenues	\$ 6,519,670	\$ 6,856,970	\$ 6,993,370
Other Fund Expenses	\$ 6,532,985	\$ 6,857,385	\$ 6,993,185
Other Fund Total	\$ (13,315)	\$ (415)	\$ 185
Total Budget Surplus/(Deficit)	\$ 5,635	\$ (55,360)	\$ (54,760)

updated

Approved by City Council on _____

Mark Moran
 Budget Officer



City of Galena, Illinois

Summary of Budget Amendments
Fiscal Year 2015-2016

Date	Line Item Title	Line Item No.	Beginning Balance	Increase	Decrease	Ending Balance	Amendment Number	Reference Number ¹
5-11-15	Train Derailment Claim	01.389.6	\$ -	\$ 12,100		\$ 12,100	BA16-01	557
5-11-15	Train Derailment Claim	22.389.2	\$ -	\$ 322,800		\$ 322,800	BA16-01	558
5-11-15	Train Derailment Claim	01.13.929.03	\$ -	\$ -		\$ -	BA16-01	
5-11-15	Train Derailment Claim	22.22.929.01	\$ -	\$ 313,500		\$ 313,500	BA16-01	559
5-11-15	Salaries and Wages	01.21.411.00	\$ 573,200		\$ 7,170	\$ 566,030	BA16-01	562
5-11-15	Salaries and Wages	01.46.411.00	\$ 67,850		\$ 5,130	\$ 62,720	BA16-01	560
5-11-15	Diagonal Street Repair	01.41.890.05	\$ -	\$ 25,250		\$ 25,250	BA16-01	561
5-26-15	Miscellaneous Parks	17.389.0	\$ 10,000	\$ 5,000		\$ 15,000	BA16-02	1105
5-26-15	Park Improvements	17.52.820.06	\$ 8,000	\$ 5,000		\$ 13,000	BA16-02	1106
7-13-15	Misc. Grant Expenditures Police	01.21.830.04	\$ -	\$ 3,845		\$ 3,845	BA16-03	1096
7-13-15	Misc. Grant Revenue	01.349.0	\$ 1,000	\$ 15,400		\$ 16,400	BA16-03	1097
7-13-15	Part-Time Employee Public Works	01.41.422.00	\$ 6,000	\$ 9,500		\$ 9,500	BA16-03	1098
7-13-15	LED Street Lighting	01.41.614.06	\$ 19,000	\$ 16,000		\$ 35,000	BA16-03	1099
7-13-15	MFT Street Lighting Expense	15.41.572.00	\$ 68,800		\$ 10,100	\$ 10,100	BA16-03	1100
7-13-15	Bouthillier Street Lift Station	52.43.850.09	\$ 125,000		\$ 6,355	\$ 118,645	BA16-03	1101
7-13-15	Sewer Equipment Replacement Fund	52.43.851.00	\$ -	\$ 6,355		\$ 6,355	BA16-03	1102
7-13-15	Turner Hall Grant Revenue	58.349.0	\$ 10,750	\$ 14,500		\$ 25,250	BA16-03	1103
7-13-15	Professional Services	58.54.532.00	\$ -	\$ 14,500		\$ 14,500	BA16-03	1104
7-27-15	City Hall/Police Relocation	01.13.820.00	\$ -	\$ 92,600		\$ 92,600	BA16-04	1107
7-27-15	Food and Beverage Tax	01.319.0	\$ 228,000	\$ 26,000		\$ 254,000	BA16-04	1108
7-27-15	Contractor Licenses	01.323.0	\$ 12,000	\$ 6,500		\$ 18,500	BA16-04	1109
7-27-15	Video Gaming Revenue	01.349.9	\$ 30,000	\$ 1,000		\$ 31,000	BA16-04	1110
8-10-15	Curb and Gutter	41.61.860.08	\$ 7,500	\$ 6,500		\$ 14,000	BA16-05	1111
8-10-15	Bouthillier Street Lift Station	52.43.850.09	\$ 118,645		\$ 3,845	\$ 114,800	BA16-05	1112
8-10-15	Park Avenue Project	52.43.850.12	\$ -	\$ 3,845		\$ 3,845	BA16-05	1113
8-24-15	Liquor Licenses	01.321.0	\$ 60,000	\$ 5,625		\$ 65,625		
8/24/2015	Refunds	01.11.912.00	\$ 1,000	\$ 5,625		\$ 6,625		
9-29-15	Misc. Revenue (Police)	01.389.2	\$ 2,000	\$ 8,163		\$ 10,163		
9-29-15	Misc. Grant Expenditures (Police)	01.21.830.04	\$ 3,845	\$ 8,163		\$ 12,008		
9-29-15	Miscellaneous Revenue (Parks)	17.389.0	\$ 10,000	\$ 13,900		\$ 23,900		
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9-29-15	Turner Hall Improvements	58.54.820.00	\$ 15,750	\$ 121,900		\$ 137,650		

¹ Reference Number confirms that the budget amendment has been updated to the General Ledger.

CITY OF GALENA, ILLINOIS

101 Green Street, Galena, Illinois 61036



MEMORANDUM

TO: Mark Moran

FROM: Janelle Keeffer, Facilities Manager *Janelle*

DATE: September 24, 2015

RE: Turner Hall Budget Amendment

Following, please find a summary of anticipated revenue and expenses in FY15/16 as a result of Galena Foundation support.

REVENUE

FY14/15 Project reimbursement

\$80,872.00 Save Turner Hall Fund—expected October 2015

\$29,484.50 Galena Foundation grant for FY14/15 projects—expected December 2015

\$5,515.00 Galena Foundation grant for FY15/16 projects—expected December 2015

\$7,500.00 Galena Foundation Hunter Fuerste donation for lighting project

\$123,371.50 Total expected revenue prior to April 30, 2016

EXPENSE

FY14/15 Projects that were invoiced after May 1, 2015

\$26,250 Total invoices originally budgeted in FY14/15 paid in FY15/16

FY15/16 Anticipated project completion, based on MOU with Galena Foundation

\$95,650

I am forwarding a spreadsheet outlining our anticipated expenditures. Please feel free to contact me with any questions.

For future budgeting, the Galena Foundation plans to pay the approximate \$180,000 project cost outlined at a rate of about \$35,000-40,000 per year for the next five years, or until the final amount is paid off. Funding comes from the Joe Miller Trust Fund, which is dispersed annually in December (per Charles Marsden 9/23/14).

CHANGE ORDER

Number: **#2** Date of Issuance: **23 September 2015**

Project: **Turner Hall Fire Escape and Associated Improvements**

OWNER: **City of Galena**

ADDRESS: 115 South Main Street, Galena, IL 61036

CONTRACTOR: **White Construction, 316 South Street, Galena IL 61036**

ENGINEER/ARCHITECT: **Adam Johnson Architects**

You are directed to make the following changes in the Contract Documents:

DESCRIPTION OF CHANGE ORDER:

Ref.#	Work Item	Justification	Cost \$
1	Installed a condensation drain on the firehouse to stop the water from splashing from the pipe that exits 17 feet off the ground.	To prevent splashing and freezing in winter.	\$50.00
2	Tuck pointed the north side of the building before the walkway was installed. When the old fire escapes were removed, it was discovered that the sills and stone needed to be repaired.	To prevent rodents and insects from entering the building. Weatherproofing of wall.	\$425.00
3	Acid wash, ground and fill cracks in concrete and then seal the gangway. Heaving issues in the winter needed to be corrected prior to mounting raised walkway.	Weatherproofing of gangway and prevent further deterioration.	\$250.00
4	Extended downspouts and cut through the grating to go under the walkway. Lengthened downspout next to the far exit door to go past the new handicap ramp. Adjusted downspouts to work with the new walkway and enhancements.	To prevent water from freezing on walkways in winter.	\$300.00
5	Architect change: The back stage door that was removed and blocked shut was	Improved weatherproofing of doorway to be blocked off.	\$600.00

	originally going to be sealed in foundation coating and foam boarded then back filled. Change by architect to be done in 2 inches of closed cell spray foam on everything below grade.		
6	Railing closest to the firehouse roof was changed to have several ½ inch bars welded in so that a person wouldn't be able to climb over the rail and gain access to the roof.	Safety issue to prevent unauthorized access.	\$600.00
7	Fire escape on the north stage side changed from a 5'x 6' landing with steps and sidewalk to now be a 5'x16' and a walk ramp to the parking lot. Sidewalk would obstruct the natural water way from the hill side and the posts had to be moved around to get them away from the failing retaining wall behind the firehouse.	Improved ADA access.	\$1700.00
<i>Photos are on file of all projects / changes listed above.</i>			
TOTAL			\$3,925.00

ATTACHMENTS: Refer to work change directives and contractor's letter

CHANGE IN CONTRACT PRICE:

Original Contract price		\$105,000.00
Net Change previous Change Order #1		\$6,545.00
Revised Contract price with previous change orders		\$111,545.00
Net Change of this Change Order #2	ADD	\$3,925.00
Contract price with all approved Change Orders		\$115,470.00

CHANGE IN CONTRACT TIME:

Original Contract Substantial Completion Date		30 January 2015
Contract Completion Date Adjustment previous Change Orders		0 days
Contract Completion Date Adjustment this Change Order		10 days
Adjusted Contract Substantial Completion Date including Change Orders <i>Project complete August 2015.</i>		August 2015

Recommended by:

ENGINEER

Date

Approved by:

OWNER

Date

CONTRACTOR

Date

CITY OF GALENA, ILLINOIS

101 Green Street, Galena, Illinois 61036



TO: Honorable Mayor Renner & City Council

FROM: Jonathan Miller, Building Official 

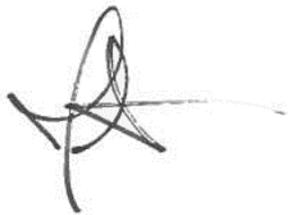
DATE: September 21, 2015

RE: Building future home at 12348 W. Samantha Dr., Galena, IL 61036

Back in April of 2015, just before I was hired as the Building Official of the City of Galena, I started the process of purchasing a lot in the Duane Wienen subdivision just off of Hwy 84 towards Hazel Green. I shortly after, closed on the property and the plan is to build my home sometime late this year or early next. I would be then selling my current home located at 101 Duer St., here in town. The location of the house is no more that 5-10 minutes outside of the city limits and would still have a Galena address.

I am looking for the permission of the Mayor and Council to be able to build my future home on this property and move just outside of the city limits.

Thank you for your consideration.



Jonathan Miller

Building Official

101 Green Street
Galena, IL 61036

jmiller@cityofgalena.org | Email

www.cityofgalena.org | Website

Phone | 815-777-1050 Fax | 815-777-3083

September 9, 2015

The Galena Foundation proposes to partner with the City of Galena to make improvements to Grant Park. In general, this work will include the development of a master plan for the improvement of the park prepared by a licensed Landscape Architect, a tree inventory prepared by a Certified Arborist, and research of the park's plantings using historic information and photography. The work of the project is intended to improve the appearance and appeal of Grant Park as a venue to be enjoyed by people living and visiting Galena, reduce maintenance costs for the City, and promote public involvement in the maintenance of plantings in Grant Park. There is a long history of strong public involvement in the maintenance of Grant Park and a very positive feeling in Galena that Grant Park is an asset to the community. The Galena Foundation intends to commit available funds to support the project. It is the intention of the Galena Foundation that it will take on 100% of the effort to develop this project by undertaking the development of the master plan and tree inventory, followed by the prioritization of improvements to be made to the park. Once this prioritization is established, funding will be obtained for the improvements. It is contemplated that improvements to plantings including both annuals and perennials around the fountain and in the various planting beds will be the first improvement. Currently, there is no cost estimate for the improvements. This will become available once the master plan and tree inventory are completed. The Galena Foundation Board of Directors, at their August 28, 2015 meeting, approved the development of this Memorandum of Understanding with the City of Galena and the hiring of the Certified Arborist to complete his work prior to leaves falling this fall.

The following is a list of the items that make up the scope of the improvement project:

- Park improvement master plan describing proper sight lines and traffic patterns that will reduce damage during events like Country Fair; plantings; improvements of all permanent structures such as pergola; best layout of benches; cannons; sidewalk improvements; entrance improvements, etc. Preservation of Johnson Street and its use will also be addressed. Also to be addressed will be other potential uses of areas in the park that are underutilized.
- Tree inventory to identify all existing trees and their condition. It will recommend replacement, trimming, and/or reduction in the number of trees. It will also identify disease, including the potential for Emerald Ash Borer infestation.
- Improvements to plantings will then commence. A minimalist approach will be pursued with the focus on perennials and annuals that are planted seasonally.
- A community effort to 'adopt' planting beds in the park will again be established. Funds for planting materials could come from the James O'Bel Trust administered by the Galena Foundation.
- Galena Foundation will continue to fund the maintenance of the fountain through its Fountain Fund.
- Galena Foundation will improve signage related to the cannons with remaining funds in the Cannon Fund.
- Other projects could be funded by other funds from the Galena Foundation, the City's portion of the gate proceeds from Country Fair which are earmarked for parks

improvements, and general fundraising in the community spearheaded by The Galena Foundation with support from the City of Galena.

The following is how we envision the project being developed:

- City of Galena commits to the project in September 2015 through City Council approval.
- Jon Kelly of Mississippi Valley Tree Specialists, Certified Arborist, will be retained by The Galena Foundation to perform the tree inventory. This information will be incorporated into the master plan.
- David Greibe, licensed Landscape Architect and Galena Native, will be retained by The Galena Foundation to develop the Master Plan. Members of the Galena Community will be encouraged to participate in the development of the master plan to promote ongoing community development and to preserve the history of Grant Park. Greibe was the landscape architect for the Soldiers Memorial on Riverside Drive. He and his wife are Legacy Members of The Galena Foundation. Community meetings will be held at City Hall and in Grant Park as appropriate.
- Country Fair has provided a layout of booths and other features that will be used in developing the master plan. City of Galena will provide the existing GPS map of the park for the tree inventory. If available, City of Galena will provide a topographical drawing of Grant Park. Marsden to coordinate with Andy Lewis and David Greibe on this matter. Galena Foundation has researched some of the history of Grant Park and provided that information to Greibe.
- The Galena Foundation and the City of Galena will support the efforts of volunteers who “adopt” plantings throughout the park. City of Galena will provide water and electricity to support this effort. The Galena Foundation will provide plants and related materials.
- Should the restoration of Johnson Street proceed, the City of Galena has indicated that they have brick pavers in stock that can be used for the restoration. Johnson Street is currently protected by city ordinance as the last brick street in Galena.
- City of Galena will continue to maintain the park including such items as mowing, snow removal, and general upkeep of the park.

The Galena Foundation looks forward to working with the City of Galena to produce another successful project. Thank you for the opportunity to work with the City of Galena to advance historic preservation in our community and to provide affordable cultural amenities that will be enjoyed by all.

Respectfully submitted,

Charles R. Marsden

President, The Galena Foundation


CIVIL CONSTRUCTORS INC

A heavy civil and industrial contractor

September 21, 2015

 City of Galena
 101 Green St
 Galena, IL. 61036

 2283 Route 20 East
 PO Box 750
 Freeport, Illinois
 61032

 Tel 815 235 2200
 Fax 815 235 2219

We are pleased to submit the following quotation to furnish labor, material and equipment to complete the following items of work. If acceptable, please read the terms of this proposal, sign, date, and return one copy to the address shown above. A representative of Civil Constructors, Inc. will contact you to arrange for the completion of work.
THIS PROPOSAL MAY BE WITHDRAWN, IF NOT ACCEPTED WITHIN 30 DAYS.

1. Traffic will be routed around 3rd street and all signage and barricades will be set up and supplied by Civil. We will provide flaggers while work is completed on the west end where we will need to do 1 lane of traffic at a time.
2. Sub to grind off an estimated 1,700 LF along all curbs and 3 butt joints to prep road for an overlay.
3. Install 2" metal riser rings on the 2 manholes.
4. Machine broom to clean existing road surface and tack with SS-1.
5. Skip patch an estimated ½" of hot mix to pre level surface.
6. Place a 2" asphalt mat compacted to 1 ½" over existing roadway. Total overlay estimated at 2" compacted.

All the work listed above is to be completed in a professional manner for the sum of **\$69,539.00**

Limitations of Agreement: Civil Constructors, Inc. will not be responsible for the drainage of an asphalt pavement placed with less than 1% slope in any direction, or for pavement failure resulting from stone base installed by others, or damage to existing concrete sidewalks, aprons and approaches located in the construction area. **Soil conditions such as presence of clay, sand or limestone as well as temperature and moisture content may result in cracking of asphalt surfaces. The owner understands the risk inherent in this kind of work. All asphalt surfaces especially those that are resurfaced will eventually crack. Contractor does not guarantee their work against cracking, since this is a condition of nature and beyond the control of the contractor.** Contractor is not responsible for damage or injuries caused by any privately (not installed by a public utility) placed underground wires, pipes, sewers, conduits, obstructions or restrictions. **It is the owner's responsibility to backfill edges of paved areas to help support and protect the edges.** Contractor shall not be responsible for any: permits, fees, bonds, seeding, landscaping, weed control, utility relocation unless specifically specified in the proposal.

TERMS OF PAYMENT AND ACCEPTANCE

Unless other payment terms are specifically provided below, all payments to be applied against the Contract Price are due and payable within 15 days after the date of our invoice. All amounts due as payments will be invoiced monthly based upon the proportion of the work completed and the materials delivered to or set aside and stored for this project during the previous month. The unbilled balance of the Contract Price will be invoiced upon completion.

Other Payment Terms:

All amounts not paid when due will bear interest at the rate of 2% per month on the unpaid balance beginning on the first day of the month following the date the payment was due. Provided however, that if this proposal relates to work not performed for a business or in connection with a trade or business of the party accepting this proposal, the applicable rate of interest will be 18% per year. The party accepting this proposal will indemnify Civil Constructors Inc. of Illinois and its agents and employees and will hold them harmless from any and all actual or alleged claims, damages, losses, penalties (government or private), and expenses, including attorneys' fees, arising out of or resulting from the performance of the work described in this proposal excluding however, claims, damages, losses, penalties and expenses which are caused by the negligence of Civil Constructors, Inc. of Illinois or its agents or employees.

ACCEPTANCE

You are hereby authorized to furnish all materials and labor required to complete the work mentioned in the above proposal, for which the undersigned agrees to pay the amount shown above and according to the terms thereof.

OWNER NAME: City of Galena

PROJECT ADDRESS: Railroad damage 4th Street to city limits

Owner Signature

Date

Quote dated September 21, 2015 by Bill Schmelzle of Civil Constructors Inc. in the amount of \$69,539.00

Bill Schmelzle

CITY OF GALENA, ILLINOIS

101 Green Street, Galena, Illinois 61036



TO: Honorable Mayor Renner, City Council and City Administrator
FROM: Matt Oldenburg, Zoning Administrator *MATT*
DATE: September 23, 2015
RE: Galena Fire Department Training Center – Existing Barn Improvements

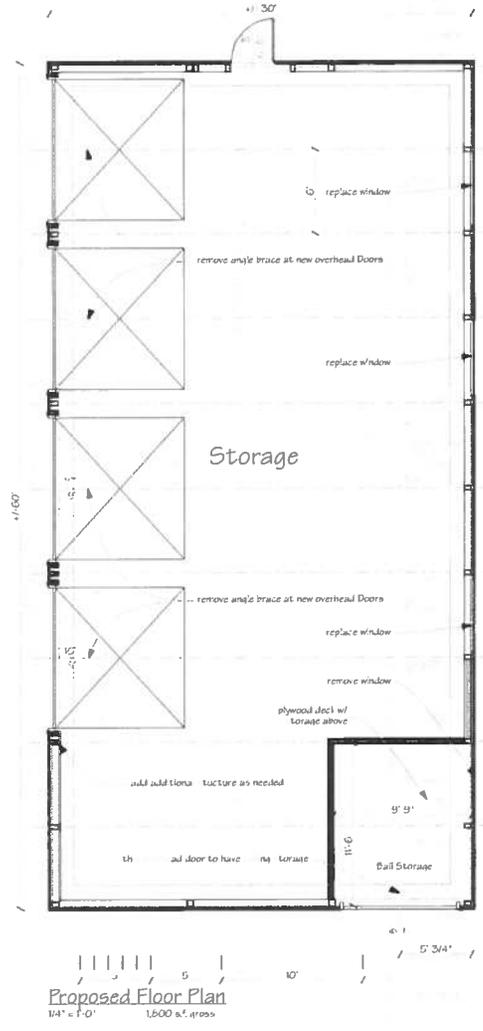
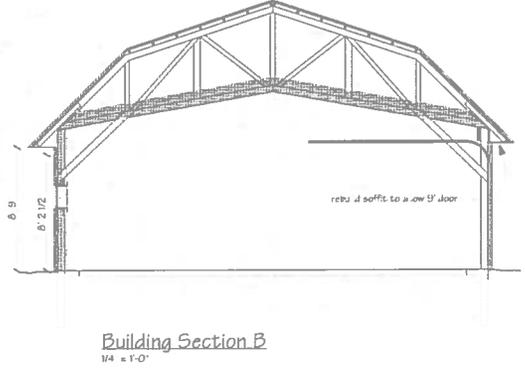
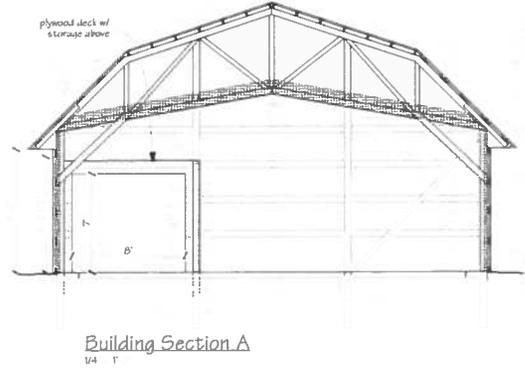
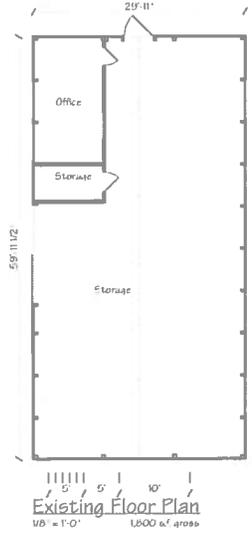
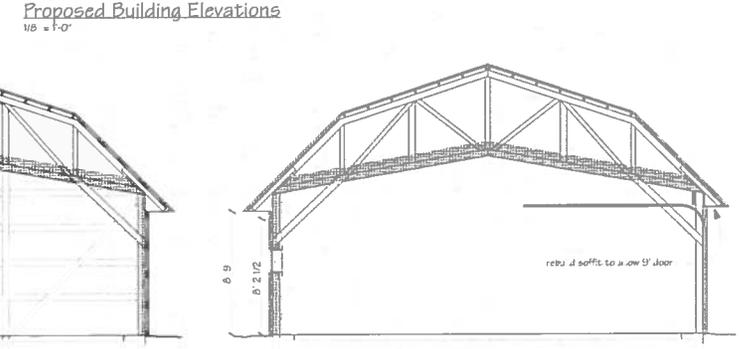
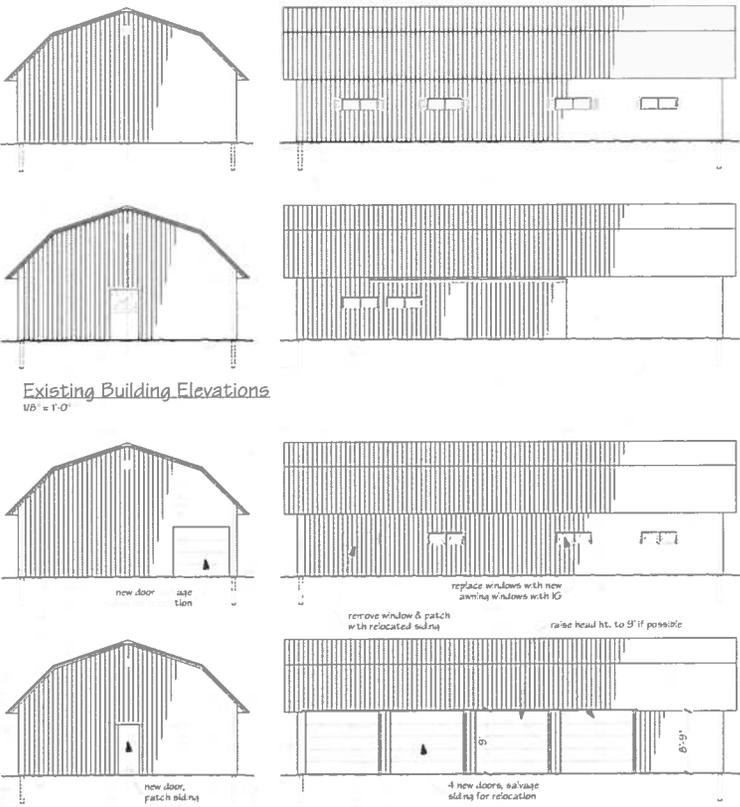
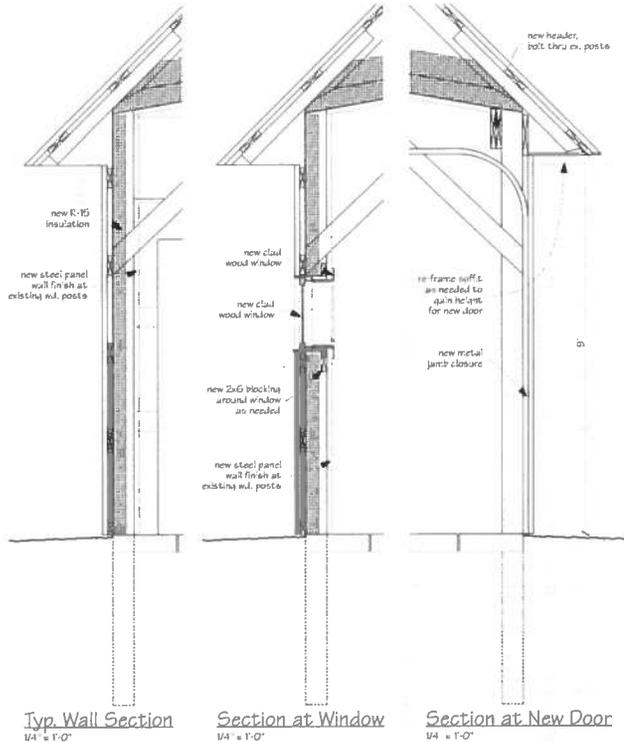
The Galena Fire Department requests approval to commence a renovation project, as the next phase of construction of the training center, to outfit the existing barn structure in order to suit the equipment storage needs of the department. The department currently stores additional utility equipment at the old wastewater treatment site near Meeker & Claude Streets. As mentioned in previous concepts of the GFD Training Center, the existing barn at the new site would be the logical place for utility equipment storage as it will remove the equipment from the Galena River floodplain.

In April 2015, the Council approved a contract for design services with Adam Johnson and Todd Birkel for the project (see attached plans). The design was completed in early summer and City staff has been working on cost estimates. Improvements include adding one small and four large garage doors to create parking bays, structural and foundational adjustments to accommodate the new doors, lining and insulating the interior, a storage area for straw bales and pallets, water and power connections, exterior painting, a roof coating system and a finished asphalt drive / pad in front of the bays.

The Engineer's estimate for this project is \$65,000. The department requests to use the remaining funds from the training center project, which is approximately \$16,500. The remainder of the project cost will be reimbursed to the City from a private endowment given to the department's non-profit organization.

If approved, we have broken the project down to basic task categories to request quotes from local contractors. We will begin asking for quotes with a 2 week return period and construction would commence immediately after. The goal is to have the barn project completed by the end of November.

I will be available before and during the Council meeting to answer any questions that you have regarding the project.



DESIGN CRITERIA

- DESIGN BASED UPON 2009 INTERNATIONAL BUILDING CODE (IBC2009)
- OCCUPANCY CATEGORY: II
- DEAD LOADS: WEIGHT OF STRUCTURAL COMPONENTS ESTABLISHED IN ACCORDANCE WITH STANDARD ENGINEERING PRACTICE
- SNOW LOADS:
 - 4.1 GROUND SNOW LOAD, P_g 30 PSF
 - 4.2 FLAT-ROOF SNOW LOAD, P_f 21.2 PSF
 - 4.3 SLOPED-ROOF SNOW LOAD, P_s 21.2 PSF
 - 4.4 SNOW EXPOSURE FACTOR, C_e 1.00
 - 4.5 IMPORTANCE FACTOR, I_n 1.00
 - 4.6 THERMAL FACTOR, C_t 1.10
- WIND LOADS:
 - 5.1 BASIC WIND SPEED 90 MPH
 - 5.2 EXPOSURE C
 - 5.3 IMPORTANCE FACTOR, I_w 1.00
 - 5.4 INTERNAL PRESSURE COEFF $+/-0.18$
 - 5.5 COMPONENTS AND CLADDING
 - 5.5.1 MAN-DOORS, WINDOWS $+/-30$ PSF

GENERAL

- CONSTRUCTION SHALL BE IN ACCORDANCE WITH LOCAL BUILDING CODES AND OTHER CODES OF APPLICABLE REGULATORY AGENCIES.
- CONTRACTOR SHALL COMPLY WITH LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY BEARING UPON THE PERFORMANCE OF THE WORK.
- SUBJECT TO STRUCTURAL ENGINEER'S ACCEPTANCE, UTILIZE DETAILS FOR SIMILAR CONDITIONS WHEN DETAILS FOR CONSTRUCTION ARE NOT INDICATED FOR A SPECIFIC CONDITION.
- CONTRACTOR SHALL COMPARE STRUCTURAL DRAWINGS WITH ARCHITECTURAL AND OTHER CONTRACT DRAWINGS AND REPORT DISCREPANCIES TO ARCHITECT PRIOR TO IMPLEMENTING WORK.
- OPENINGS AND PENETRATIONS THROUGH STRUCTURAL ELEMENTS AND ITEMS EMBEDDED IN STRUCTURAL ELEMENTS THAT ARE NOT INDICATED ON STRUCTURAL DRAWINGS SHALL BE REVIEWED BY STRUCTURAL ENGINEER PRIOR TO IMPLEMENTING WORK.
- DO NOT SCALE DRAWINGS TO DETERMINE DIMENSIONAL INFORMATION.
- DO NOT PLACE MATERIALS OR EQUIPMENT ON UNFINISHED FLOORS OR ROOFS IN EXCESS OF 20 PSF NOR ON FINISHED FLOORS OR ROOFS IN EXCESS OF THE INDICATED DESIGN LIVE LOADS. AVOID IMPACT LOADING.
- IF THE STRUCTURE WAS DESIGNED FOR THE IN-SERVICE CONDITIONS ONLY, THE METHODS, PROCEDURES AND SEQUENCES OF CONSTRUCTION ARE THE RESPONSIBILITY OF CONTRACTOR. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION.
- CONNECTIONS OF MEP AND ARCHITECTURAL ITEMS TO THE STRUCTURE SHALL BE DESIGNED AND DETAILED BY CONTRACTOR. CONNECTIONS TO STRUCTURAL MEMBERS SHALL BE SUBMITTED TO STRUCTURAL ENGINEER FOR REVIEW. RESPONSIBILITY FOR THE PERFORMANCE OF THE SUPPLIED SYSTEM AND ASSOCIATED CONNECTIONS SHALL REMAIN THAT OF CONTRACTOR.
- EXISTING CONDITIONS AND RELATED DIMENSIONS INDICATED IN CONTRACT DOCUMENTS ARE PROVIDED FOR INFORMATION ONLY AND SHALL BE FIELD VERIFIED PRIOR TO IMPLEMENTING WORK. CONDITIONS THAT DIFFER FROM THAT INDICATED IN CONTRACT DOCUMENTS SHALL BE SUBMITTED TO ARCHITECT FOR REVIEW PRIOR TO IMPLEMENTING WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING CONSTRUCTION WHILE PERFORMING WORK. CONTRACTOR SHALL PROPERLY REINSTATE EXISTING FINISHES, FIRE PROOFING OR ITEMS THAT ARE REMOVED OR DAMAGED WHILE PERFORMING WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION BETWEEN ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING WORK AND SHALL INFORM ARCHITECT OF ANY CONFLICTS AND/OR DISCREPANCIES. CONTRACTOR SHALL COORDINATE VISIBLE DEVICES WITH ARCHITECT AND OWNER.
- GENERALLY DRAWINGS DO NOT INDICATE TEMPORARY REQUIREMENTS. NEED FOR TEMPORARY SHORING, TEMPORARY DEWATERING, TEMPORARY EARTH RETENTION, TEMPORARY WATER CUTOFF OR OTHER TEMPORARY MEASURES MAY BE INDICATED ON DRAWINGS AT SELECTED AREAS AS SUGGESTIONS FOR CONTRACTOR'S CONVENIENCE. DRAWINGS DO NOT IDENTIFY ALL AREAS OR CONDITIONS REQUIRING TEMPORARY MEASURES. IT IS CONTRACTOR'S RESPONSIBILITY TO CONFIRM TEMPORARY MEASURES INDICATED ON DRAWINGS. IDENTIFY OTHER AREAS OR CONDITIONS REQUIRING TEMPORARY MEASURES. DETERMINE MOST EFFICIENT TEMPORARY SYSTEMS AND DESIGN AND CONSTRUCT TEMPORARY SYSTEMS.
- DO NOT SUSPEND ANY ITEM FROM WOOD SHEATHING OR WOOD SUB-PURLINS.

FOUNDATION

- FOOTINGS WERE DESIGNED FOR AN ASSUMED 1 500 PSF NET ALLOWABLE BEARING PRESSURES.
- LOCATION AND EXTENT OF EXISTING FOUNDATIONS AND SUBGRADE ITEMS ARE PROVIDED FOR INFORMATION ONLY. CONTRACTOR SHALL DETERMINE, CONFIRM, OR VERIFY THE LOCATION AND EXTENT OF EXISTING FOUNDATIONS OR OTHER ITEMS WHICH MAY CONFLICT WITH NEW CONSTRUCTION. PERFORM VERIFICATION PROCEDURE PRIOR TO IMPLEMENTING WORK.
- CONSULT GEOTECHNICAL ENGINEER FOR SLOPE OF EXCAVATION CUTS.
- DO NOT CAST CONCRETE ON OR AGAINST SUBGRADE MATERIAL CONTAINING FROST, WATER OR SNOW. PROTECT SUBGRADE FROM FROST OR FREEZING DURING CONSTRUCTION OF FOUNDATION SYSTEM.
- PROVIDE MINIMUM OF 48 INCHES OF FROST PROTECTION FROM TOP OF FINISHED GRADE TO UNDERSIDE OF FOUNDATION ELEMENTS.

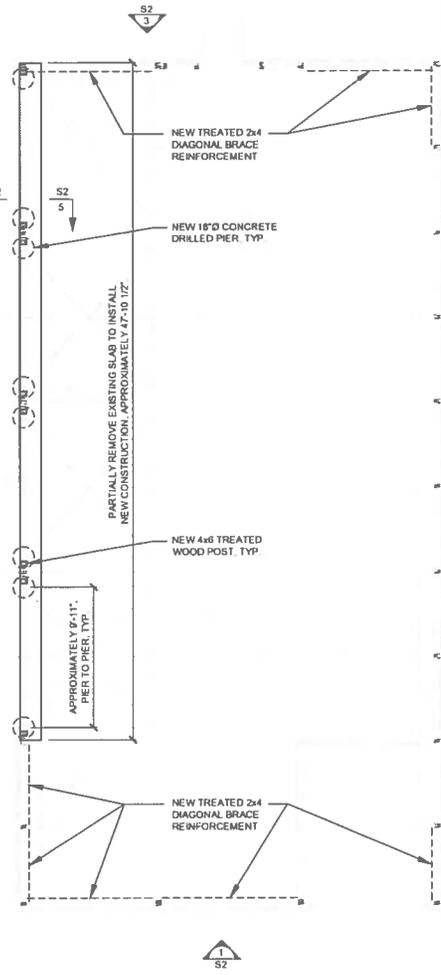
CONCRETE

- CONCRETE PLACEMENT AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 301
- CONCRETE DETAILING SHALL BE IN ACCORDANCE WITH ACI 315
- PROVIDE SAND AND NORMAL WEIGHT COARSE AGGREGATE (145 PCF, MAX.) CONCRETE WITH 0.50 MAXIMUM WATER-CEMENT RATIO, NO INTENTIONALLY ENTRAINED AIR, AND 4 000 PSI 28-DAY COMPRESSIVE STRENGTH.
- UNLESS NOTED OTHERWISE, CONCRETE REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60.
- CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE IN ACCORDANCE WITH ACI 318, UNLESS NOTED OTHERWISE.
- DESIGN AND DETAILING OF FORMWORK AND SHORING SYSTEMS SHALL BE RESPONSIBILITY OF CONTRACTOR.

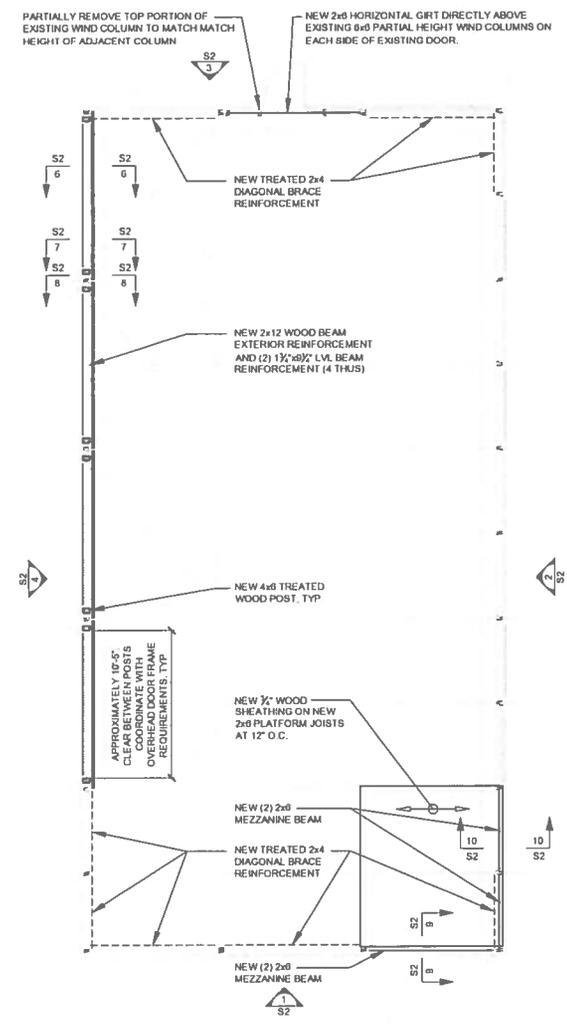
WOOD

- COMPLY WITH AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (AITC) STANDARDS AND STRESS GRADED LUMBER CONSTRUCTION, LATEST EDITION.
- DO NOT NOTCH, OR DRILL JOISTS, BEAMS OR LOAD BEARING STUDS WITHOUT THE APPROVAL OF THE STRUCTURAL ENGINEER.
- PROVIDE WOOD SPECIES WITH THE SPECIFIED GRADE FOR THE FOLLOWING ELEMENTS:
 - 3.1 2x4 AND 2x6 SUB-PURLINS SPRUCE PINE FIR (SPF) - NO 1 / NO 2
 - 3.2 2x4 AND 2x6 STUDS SPRUCE PINE FIR (SPF) - NO 1 / NO 2
 - 3.3 2x6 AND 2x10 JOIST/PURLIN HEMLOCK / FIR (HF) - NO 1
 - 3.4 2x12 JOIST/PURLIN DOUGLAS FIR / LARCH (DF-L) - NO 1
 - 3.5 LEDGERS AND BLOCKING SPRUCE PINE FIR (SPF) - NO 1 / NO 2
- PROVIDE APA STRUCTURAL I (EXPOSURE 1 FOR ROOF AND BALCONIES ONLY) RATED PLYWOOD OR ORIENTED STRAND BOARD (OSB) SHEATHING BEARING THE APA TRADEMARK. SEE PLANS, AND DETAILS FOR REQUIRED THICKNESS OF SHEATHING. PROVIDE SHEATHING WITH SPAN RATINGS APPROPRIATE FOR THE LOADINGS INDICATED UNDER "DESIGN CRITERIA". PLACE SHEET'S WITH STRONG AXIS PERPENDICULAR TO SUPPORTS. PROVIDE 1/8" GAP BETWEEN SHEATHING PANELS.
- STEEL HANGERS AND STEEL CONNECTORS FOR WOOD FRAMING SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, INC. OR OTHER MANUFACTURER ACCEPTABLE TO STRUCTURAL ENGINEER. STEEL HANGERS AND STEEL CONNECTORS SHALL PROVIDE MINIMUM CAPACITIES INDICATED ON DRAWINGS.
- LAMINATED VENEER LUMBER (MICROLLAM LVL, AS PRODUCED BY TRUS-JOIST, LEVEL) SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:

F _b	2,000 PSI	F _v	285 PSI
F _i	1,000,000 PSI	G	118,750 PSI
F _i	1,566 PSI	F _{c perpendicular}	750 PSI
F _{c parallel}	2,510 PSI		



FOUNDATION PLAN
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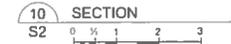
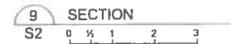
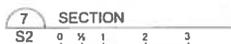
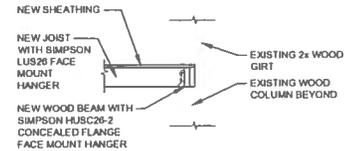
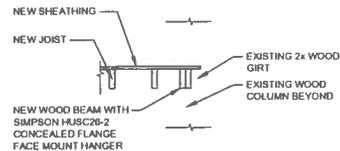
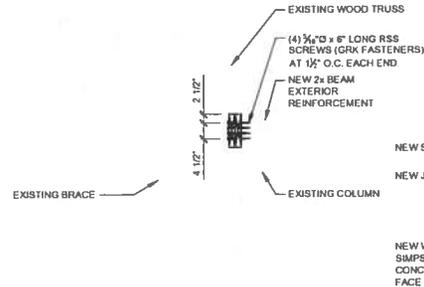
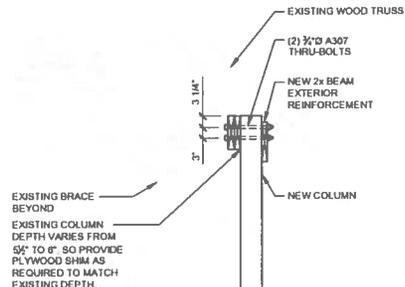
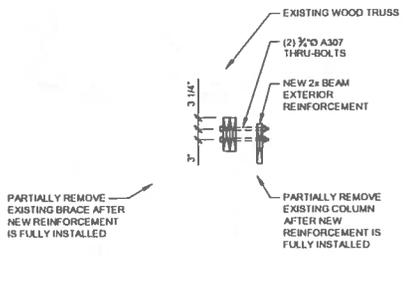
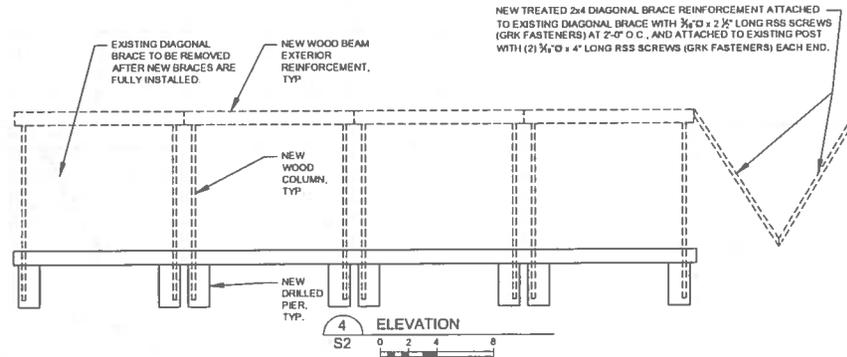
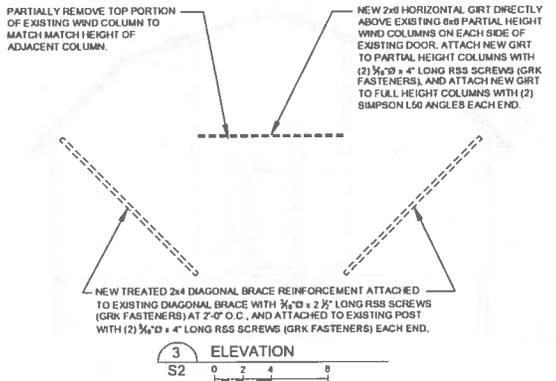
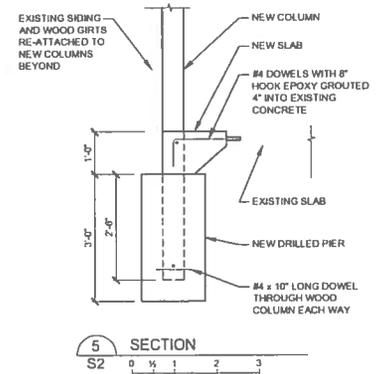
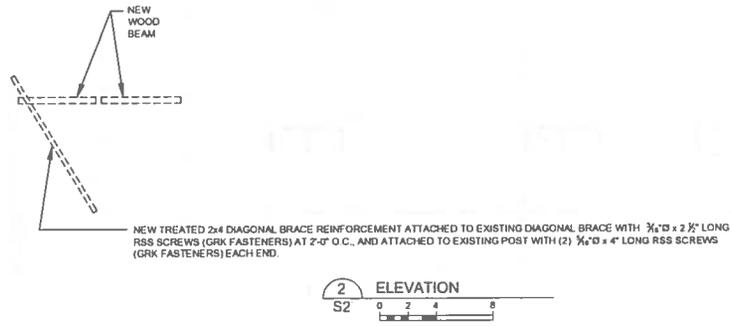
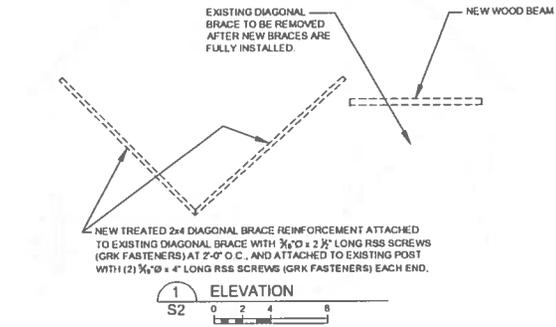


FRAMING PLAN
0 2 4 8 S1



Drawn by: TAB	NO	DATE	ISSUED FOR
Checked by: T. BIRKEL		04/28/15	REVIEW

NOTES AND PLANS



	DRAWN BY: TAB CHECKED BY: T. BIRKEL	NO. 042/15 DATE 04/23/15	ISSUED FOR REVIEW	ELEVATIONS, SECTIONS AND DETAILS	GALENA FIRE DEPARTMENT STORAGE BUILDING INDUSTRIAL PARK GALENA, IL 61930	S2
	PROJECT NO. 15-001 1503 W. MAHON V. AVENUE, SUITE 101 & 102 GALENA, IL 61930 email: tab@galenafire.com web: www.galenafire.com Copyright 2014					

MEMO

To: Honorable Mayor Renner, City Council and City Administrator
From: Matt Oldenburg, Zoning Administrator
Date: September 21, 2015
RE: Cal. No. 15A-01, City of Galena, 101 Green Street, Request for text amendment to revise Chapter 155: Floodplain Management Standards of the City of Galena Code of Ordinances to meet new requirements of the Federal Emergency Management Agency (44 Code of Federal Regulations Sections 60.3(c)).

Summary of Project:

In order for the City of Galena to continue to participate in the National Flood Insurance Program (NFIP), the Federal Emergency Management Agency (FEMA) and the Illinois Department of Natural Resources (IDNR) have required that the City's Floodplain Management Ordinance should be updated to FEMA's standards by the effective date of December 2, 2015.

Illinois Office of Water Resources Manager of Statewide Floodplain Programs / National Flood Insurance Program, Paul Osman, has provided us with the updated template ordinance to ensure compliance with current FEMA requirements. This template is nearly identical to the ordinance we adopted in 2010 and some changes were needed to reflect the current effective date of the updated panels on the Flood Insurance Rate Map and the Flood Insurance Study for Jo Daviess County, Illinois. There were two larger changes: Section 155.060 removed the detailed requirement descriptions from the Statewide Permit sections; and Section 155.110 added a section regarding Agriculture. I have also retained the pertinent elements that were included in the last update from the former floodplain ordinance. All changes are reflected with underlines and strikethroughs with yellow highlighter.

The update to the Floodplain Management Ordinance requires a text amendment application by the City, a public hearing with the ZBA and final action by the City Council.

Zoning Administrator Recommendation:

This proposed revision/update to the Floodplain Management Standards ordinance is necessary for the community to continue to participate in the NFIP program. Based on my review and the recommendation of IDNR/OWR, I would recommend to the Zoning Board of Appeals that the request be granted.

ZBA Recommendation:

At their September 9, 2015 meeting, the Zoning Board of Appeals held a public hearing on this request. No one from the public was present to either testify in favor of or in opposition to the request. After the Public Hearing was closed, the ZBA then unanimously approved a motion to recommend to the City Council approval of this request as presented in the application. A copy of the proposed ordinance is included in your packets for your review.

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<u>Section 155.001</u>	Purpose
<u>Section 155.020</u>	Definitions
<u>Section 155.030</u>	Base Flood Elevation
<u>Section 155.040</u>	Duties of the Responsible Official <u>Zoning Administrator</u>
<u>Section 155.050</u>	Development Permit
<u>Section 155.060</u>	Preventing Increased Flood Heights and Resulting Damages
<u>Section 155.070</u>	Protecting Buildings
	A. All Buildings
	B. Residential/Non-residential Buildings
	C. Non-Residential
	D. Manufactured Homes
	E. Travel Trailers and Recreational Vehicles
	F. Garages or Sheds and Other Accessory Structures
<u>Section 155.080</u>	Subdivision Requirements
<u>Section 155.090</u>	Public Health and Other Standards
<u>Section 155.100</u>	Carrying Capacity and Notification
<u>Section 155.110</u>	Variances
<u>Section 155.120</u>	Disclaimer of Liability
<u>Section 155.130</u>	Penalty
<u>Section 155.140</u>	Abrogation and Greater Restrictions
<u>Section 155.150</u>	Severability

60.3(c) for communities with detailed mapping and countywide maps

Section 155.001 Purpose.

This ordinance is enacted pursuant to the police powers granted to this City of Galena by the Illinois Municipal Code (65 ILCS 5/1-2-1, 5/11-12-12, 5/11-30-2, 5/11-30-8 and 5/11-31-2) in order to accomplish the following purposes:

- A. To prevent unwise developments from increasing flood or drainage hazards to others;

- B. protect new buildings and major improvements to buildings from flood damage;
- C. to promote and protect the public health, safety, and general welfare of the citizens from the hazards of flooding;
- D. to lessen the burden on the taxpayer for flood control, repairs to public facilities and utilities, and flood rescue and relief operations;
- E. maintain property values and a stable tax base by minimizing the potential for creating blight areas;
- F. make federally subsidized flood insurance available, and
- G. to preserve the natural characteristics and functions of watercourses and floodplains in order to moderate flood and stormwater impacts, improve water quality, reduce soil erosion, protect aquatic and riparian habitat, provide recreational opportunities, provide aesthetic benefits and enhance community and economic development.

For the purposes of this ordinance, the following definitions are adopted:

Base Flood- The flood having a one percent (1%) probability of being equaled or exceeded in any given year. The base flood is also known as the 100-year flood. The base flood elevation at any location is as defined in Section 155.030 of this ordinance.

Base Flood Elevation (BFE)- The elevation in relation to mean sea level of the crest of the base flood.

Basement- That portion of a building having its floor sub-grade (below ground level) on all sides.

Building- A walled and roofed structure, including gas or liquid storage tank, that is principally above ground, including manufactured homes, prefabricated buildings and gas or liquid storage tanks. The term also includes recreational vehicles and travel trailers installed on a site for more than one hundred eighty (180) days per year.

Critical Facility- Any facility which is critical to the health and welfare of the population and, if flooded, would create an added dimension to the disaster. Damage to these critical facilities can impact the delivery of vital services, can cause greater damage to other sectors of the community, or can put special populations at risk.

Examples of critical facilities where flood protection should be required include: emergency services facilities (such as fire and police stations), schools, hospitals, retirement homes and senior care facilities, major roads and bridges, critical utility sites (telephone switching stations or electrical transformers), and hazardous material storage facilities (chemicals, petrochemicals, hazardous or toxic substances).

Development- Any man-made change to real estate including, but not necessarily limited to:

1. Demolition, construction, reconstruction, repair, placement of a building, or any structural alteration to a building;
2. Substantial improvement of an existing building;
3. Installation of a manufactured home on a site, preparing a site for a manufactured home, or installing a travel trailer on a site for more than one hundred eighty (180) days per year;
4. Installation of utilities, construction of roads, bridges, culverts or similar projects;
5. Construction or erection of levees, dams, walls or fences;
6. Drilling, mining, filling, dredging, grading, excavating, paving, or other alterations of the ground surface;
7. Storage of materials including the placement of gas and liquid storage tanks; and
8. Channel modifications or any other activity that might change the direction, height, or velocity of flood or surface waters.

“Development” does not include routine maintenance of existing buildings and facilities, resurfacing roads, or gardening, plowing, and similar practices that do not involve filling, grading, or construction of levees.

Existing Manufactured Home Park or Subdivision- A manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed or buildings to be constructed (including, at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed before the effective date of the floodplain management regulations adopted by a community.

Expansion to an Existing Manufactured Home Park or Subdivision- The preparation of additional sites by the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads).

FEMA- Federal Emergency Management Agency

Flood- A general and temporary condition of partial or complete inundation of normally dry land areas from the overflow, the unusual and rapid accumulation, or the runoff of surface waters from any source.

Flood Fringe- That portion of the floodplain outside of the regulatory floodway.

Flood Insurance Rate Map- A map prepared by the Federal Emergency Management Agency that depicts the floodplain or special flood hazard area (SFHA) within a community. This map includes insurance rate zones and may or may not depict floodways and show base flood elevations.

Flood Insurance Study- An examination, evaluation and determination of flood hazards and, if appropriate, corresponding water surface elevations.

Floodplain and Special Flood Hazard Area (SFHA)- These two terms are synonymous. Those lands within the jurisdiction of the City of Galena, the extraterritorial jurisdiction of the City of Galena, or that may be annexed into the City of Galena, that are subject to inundation by the base flood. The floodplains of the City are generally identified as such on panel numbers 17085C0240, 17085C0245, and 17085C0250 of the countywide Flood Insurance Rate Map of Jo Daviess County prepared by the Federal Emergency Management Agency and dated September 17, 2010 December 2, 2015. Floodplain also includes those areas of known flooding as identified by the community.

The floodplains of those parts of unincorporated Jo Daviess County that are within the extraterritorial jurisdiction of the City of Galena or that may be annexed into the City of Galena are generally identified as such on the Flood Insurance Rate map prepared for Jo Daviess County by the Federal Emergency Management Agency and dated September 17, 2010 December 2, 2015.

Floodproofing- Any combination of structural or nonstructural additions, changes, or adjustments to structures which reduce or eliminate flood damage to real estate, property and their contents.

Floodproofing Certificate- A form published by the Federal Emergency Management Agency that is used to certify that a building has been designed and constructed to be structurally dry flood proofed to the flood protection elevation.

Flood Protection Elevation (FPE)- The elevation of the base flood plus one foot of freeboard at any given location in the floodplain.

Floodway- That portion of the floodplain required to store and convey the base flood. The floodway for the floodplains of the City of Galena shall be according to the best data available from Federal, State, or other sources.

Freeboard- An increment of elevation added to the base flood elevation to provide a factor of safety for uncertainties in calculations, future watershed development, unknown localized conditions, wave actions and unpredictable effects such as those caused by ice or debris jams.

Hazardous Materials – Any substance that, because of its quantity, concentration, or physical or chemical characteristics, poses a present or potential hazard to human health and safety or to the environment whether in use, storage, or transit.

Historic Structure- Any structure that is:

1. Listed individually in the National Register of Historic Places or preliminarily determined by the Secretary of the Interior as meeting the requirements for individual listing on the National Register.
2. Certified or preliminarily determined by the Secretary of the Interior as contributing to the historic district or a district preliminarily determined by the Secretary to qualify as a registered historic district.
3. Individually listed on the state inventory of historic places by the Illinois Historic Preservation Agency.
4. Individually listed on a local inventory of historic places that has been certified by the Illinois Historic Preservation Agency.

IDNR/OWR- Illinois Department of Natural Resources/Office of Water Resources.

IDNR /OWR Jurisdictional Stream- Illinois Department of Natural Resource Office of Water Resources has jurisdiction over any stream serving a tributary area of 640 acres or more in an urban area, or in the floodway of any stream serving a tributary area of 6,400 acres or more in a rural area. Construction on these streams requires a permit from the Department. (Ill Admin.

Lowest Floor- The lowest floor of the lowest enclosed area (including basement). An unfinished or flood resistant enclosure, usable solely for parking of vehicles, building access or storage in an area other than a basement area is not considered a building's lowest floor. Provided that such enclosure is not built so as to render the structure in violation of the applicable non-elevation design requirements of Section 155.070 of this ordinance.

Manufactured Home- A structure transportable in one or more sections, that is built on a permanent chassis and is designed to be used with or without a permanent foundation when connected to required utilities.

Manufactured Home Park or Subdivision- A parcel (or contiguous parcels) of land divided into two or more lots for rent or sale.

New Construction- Structures for which the start of construction commenced on or after the effective date of floodplain management regulations adopted by a community and includes any subsequent improvements of such structures.

New Manufactured Home Park or Subdivision- A manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed or buildings to be constructed (including, at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed on or after the effective date of the floodplain management regulations adopted by a community.

NFIP- National Flood Insurance Program.

Recreational Vehicle or Travel Trailer- A vehicle which is:

1. built on a single chassis;
2. four hundred (400) square feet or less in size;
3. designed to be self-propelled or permanently towable by a light duty truck and designed primarily not for use as a permanent dwelling but as temporary living quarters for recreational, camping, travel or seasonal use.

Repetitive Loss- Flood related damages sustained by a structure on two separate occasions during a ten year period for which the cost of repairs at the time of each such flood event on the average equals or exceeds twenty-five percent (25%) of the market value of the structure before the damage occurred.

SFHA- See definition of floodplain.

Start of Construction- Includes substantial improvement and means the date the building permit was issued. This, provided the actual start of construction, repair, reconstruction, rehabilitation, addition placement or other improvement, was within one hundred eighty (180) days of the permit date. The actual start means either the first placement of permanent construction of a structure on a site, such as the pouring of slab or footings, the installation of piles, the construction of columns or any work beyond the stage of excavation or placement of a manufactured home on a foundation. For a substantial improvement, actual start of construction means the first alteration of any wall, ceiling, floor or other structural part of a building whether or not that alteration affects the external dimensions of the building.

Structure (see "Building")

Substantial Damage- Damage of any origin sustained by a structure whereby the cumulative percentage of damage during a ten (10) year period equals or exceeds fifty percent (50%) of the market value of the structure before the damage occurred regardless of actual repair work performed. Volunteer labor and materials must be included in this determination. The term includes "Repetitive Loss" buildings (see definition).

Substantial Improvement- Any reconstruction, rehabilitation, addition or improvement of a structure taking place during a ten (10) year period in which the cumulative percentage of improvements:

equals or exceeds fifty percent (50%) of the market value of the structure before the improvement or repair is started, or

increases the floor area by more than ten percent (10%).

“Substantial improvement” is considered to occur when the first alteration of any wall, ceiling, floor or other structural part of the building commences, whether or not that alteration affects the external dimensions of the structure. This term includes structures which have incurred repetitive loss or substantial damage, regardless of the actual repair work done.

The term does not include:

1. Any project for improvement of a structure to comply with existing state or local health, sanitary, or safety code specifications which are solely necessary to assure safe living conditions, or
2. any alteration of a structure listed on the National Register of Historic Places or the Illinois Register of Historic Places.

Violation- The failure of a structure or other development to be fully compliant with the community’s floodplain management regulations. A structure or other development without the required federal, state, and/or local permits and elevation certification is presumed to be in violation until such time as the documentation is provided.

Section 155.030 Base Flood Elevation.

This ordinance’s protection standard is the base flood. The best available base flood data are listed below. Whenever a party disagrees with the best available data, the party shall finance the detailed engineering study needed to replace the existing data with better data and submit it to the FEMA and IDNR/OWR for approval prior to any development of the site.

- A. The base flood elevation for the floodplains of the Galena River and Hughlett Branch shall be as delineated on the 100-year flood profiles in the countywide Flood Insurance Study of Jo Daviess County prepared by the Federal Emergency Management Agency and dated September 17, 2010 December 2, 2015.
- B. The base flood elevation for each floodplain delineated as an “AH Zone” or “AO Zone” shall be that elevation (or depth) delineated on the county wide Flood Insurance Rate Map of Jo Daviess County.
- C. The base flood elevation for each of the remaining floodplains delineated as an “A Zone” on the countywide Flood Insurance Rate Map of Jo Daviess County shall be according to the best data available from federal, state or other sources. Should no other data exist, an engineering study must be financed by the applicant to determine base flood elevations.
- D. The base flood elevation for the floodplains of those parts of unincorporated Jo Daviess County that are within the extraterritorial jurisdiction of the City of Galena, or that may be annexed into the City of Galena, shall be as delineated on the 100-year flood profiles in the Flood Insurance Study of Jo Daviess County prepared by the Federal Emergency Management Agency and dated September 17, 2010 December 2, 2015.

Section 155.040 Duties of the Zoning Administrator.

The Zoning Administrator shall be responsible for the general administration of this ordinance and ensure that all development activities within the floodplains under the jurisdiction of the City of Galena meet the requirements of this ordinance. Specifically, the Zoning Administrator shall:

- A. Process development permits in accordance with Section 155.050;
- B. ensure that all development in a floodway (or a floodplain with no delineated floodway) meets the damage prevention requirements of Section 155.060;
- C. ensure that the building protection requirements for all buildings subject to Section 155.070 are met and maintain a record of the “as-built” elevation of the lowest floor (including basement) or flood proof certificate;
- D. assure that all subdivisions and annexations meet the requirements of Section 155.080;
- E. ensure that water supply and waste disposal systems meet the Public Health standards of Section 155.090;

- F. if a variance is requested, ensure that the requirements of Section 155.110 are met and maintain documentation of any variances granted;
- G. inspect all development projects and take any and all penalty actions outlined in Section 155.130 as necessary to ensure compliance with this ordinance;
- H. assure that applicants are aware of and obtain any and all other required local, state, and federal permits;
- I. notify IDNR/OWR and any neighboring communities prior to any alteration or relocation of a watercourse;
- J. provide information and assistance to citizens upon request about permit procedures and floodplain construction techniques;
- K. cooperate with state and federal floodplain management agencies to coordinate base flood data and to improve the administration of this ordinance;
- L. maintain for public inspection base flood data, floodplain maps, copies of state and federal permits, and documentation of compliance for development activities subject to this ordinance;
- M. perform site inspections to ensure compliance with this ordinance and make substantial damage determinations for structures within the floodplain, and
- N. maintain the accuracy of floodplain maps including notifying IDNR/OWR and/or submitting information to FEMA within six months whenever a modification of the floodplain may change the base flood elevation or result in a change to the floodplain map.

Section 155.050 Development Permit.

No person, firm, corporation, or governmental body not exempted by law shall commence any development in the floodplain without first obtaining a development permit from the **Zoning Administrator**. The **Zoning Administrator** shall not issue a development permit if the proposed development does not meet the requirements of this ordinance.

- A. General development shall not occur in the floodplain where alternative locations exist. Before a permit is issued, the applicant shall demonstrate that:
 - 1. No reasonable alternative exists outside the floodplain;
 - 2. Encroachment in the floodplain is the minimum necessary;
 - 3. The development will withstand the 100-year flood without significant damage; and,
 - 4. The development will not increase downstream or upstream flooding or erosion.
 - 5. In the floodplain no encroachments, including fill, new construction, substantial improvements, or other development shall be permitted unless it has been demonstrated through hydrologic and hydraulic analyses performed in accordance with the standard engineering practice by a licensed Illinois State engineer that the proposed encroachment would not result in any increase in the 100-year flood elevation.
- B. Once the applicant has demonstrated the provisions of Subsection A, the application for a development permit shall be accompanied by:
 - 1. drawings of the site, drawn to scale showing property line dimensions;
 - 2. existing grade elevations and all changes in grade resulting from excavation or filling;
 - 3. the location and dimensions of all buildings and additions to buildings;
 - 4. the elevation of the lowest floor (including basement) of all proposed buildings subject to the requirements of Section 155.070 of this ordinance, and

- 5. Cost of project or improvements as estimated by a licensed engineer or architect. A signed estimate by a contractor may also meet this requirement

C. Upon receipt of an application for a development permit, the Zoning Administrator shall compare the elevation of the site to the base flood elevation. Any development located on land that can be shown by the base flood elevation. Any development located on land that can be shown by survey data to be higher than the current base flood elevation and which has not been filled after the date of the site's first Flood Insurance Rate Map is not in the floodplain and therefore not subject to the requirements of this ordinance. Conversely, any development located on land shown to be below the base flood elevation and hydraulically connected, but not shown on the current Flood Insurance Rate Map, is subject to the provisions of this ordinance. Any development located on land that is shown by survey elevation to be below the current base flood elevation is subject to the provisions of this ordinance. In addition, any development located on land shown to be below the base flood elevation and hydraulically connected to a flood source, but not identified as floodplain on the current Flood Insurance Rate Map, is subject to the provisions of this ordinance. Any development located on land that can be shown by survey data to be higher than the current base flood elevation and which has not been filled after the date of the site's first Flood Insurance Rate Map is not in the floodplain and therefore not subject to the provisions of this ordinance.

The Zoning Administrator shall maintain documentation of the existing ground elevation at the development site and certification that this ground elevation existed prior to the date of the site's first Flood Insurance Rate Map identification.

The Zoning Administrator shall be responsible for obtaining from the applicant copies of all other federal, state, and local permits, approvals or permit-not-required letters that may be required for this type of activity. The Zoning Administrator shall not issue a permit unless all other federal, state, and local permits have been obtained.

Section 155.060 Preventing Increased Flood Heights and Resulting Damages.

Within any floodway identified on the countywide Flood Insurance Rate Map, and within all other floodplains where a floodway has not been delineated, the following standards shall apply:

- A. Except as provided in Section 155.060 (B) of this ordinance, no development shall be allowed which, acting in combination with existing and anticipated development will cause any increase in flood heights or velocities or threat to public health and safety. The following specific development activities shall be considered as meeting this requirement:

- 1. Bridge and culvert crossings of streams in rural areas meeting the following conditions of the Illinois Department of Natural Resources, Office of Water Resources Statewide Permit Number 2:

- a. the crossing will not result in an increase in water surface profile elevation in excess of 1.0 feet, and
- b. the crossing will not result in an increase in water surface profile elevation in excess of one half (0.5) feet at a point one thousand (1,000) feet upstream of the proposed structure.
- c. There are no buildings in the area impacted by the increases in water surface profile.
- d. The proposed bridge or culvert crossing will not involve straightening, enlarging, or relocating the existing channel.
- e. The design must be certified by a licensed professional engineer in the State of Illinois and the designs must meet the conditions of an IDNR/OWR permit.
- f. The design must be certified by a second licensed professional engineer.

- 2. Barge fleeting facilities meeting the following conditions of IDNR/OWR Statewide Permit Number 3:

- a. The permit is only applicable when deadmen, pier cells, or other similar anchorage devices have been permitted by the U.S. Army Corps of Engineers.

3. Aerial utility crossings meeting the following conditions of IDNR/OWR Statewide Permit Number 4;

- a. The utility line must be constructed above the existing 100 year flood elevation or attached to an existing bridge.
- b. A utility line attached to an existing bridge shall be constructed above the low cord elevation of the bridge.
- c. No supporting towers or poles shall be located in a river, lake or stream.
- d. Supporting towers including foundation and poles shall be designed and located so as to not cause an obstruction of flood flows by trapping debris.
- e. All disturbed areas shall be returned to pre construction grades and re-vegetated.
- f. All Illinois Commerce Commission, National Electrical Safety Code, and federal requirements must be met.

4. Minor boat docks meeting the following conditions of IDNR/OWR Statewide Permit Number 5:

- a. The boat dock must not extend more than fifty (50) feet into a waterway and no more than one quarter (1/4) of the width of the waterway and shall not extend beyond the navigational limits established by the IDNR and Corps of Engineers.
- b. The width of the boat dock shall not be more than ten (10) feet.
- c. For L Shaped or T shaped docks, the length of that portion parallel to the shoreline must not exceed fifty percent (50%) of the landowner's shoreline frontage nor fifty (50) feet.
- d. Docks must be aligned so as not to cross the projection of property lines into the waterway or come within ten (10) feet of the projected property line.
- e. Dock posts must be marked by reflective devices.
- f. The boat dock must be securely anchored to prevent detachment during times of high wind or water.
- g. Metal drums or containers may not be used as buoyancy units unless they are filled with floatation foam. Containers which previously stored pesticides, herbicides, or any other toxic chemicals are not permissible.
- h. This permit does not authorize any other related construction activity such as shore protection or fill.
- i. Non floating boat docks must be constructed in a manner which will minimize obstruction to flow.
- j. At any future date, the permittee must agree to make necessary modifications to the dock as determined by the IDNR or Corp of Engineers

5. Minor, non-obstructive activities such as underground utility lines, light poles, sign posts, driveways, athletic fields, patios, playground equipment, minor storage buildings not exceeding 70 square feet and raising buildings on the same footprint which does not involve fill and any other activity meeting the following conditions of IDNR/OWR Statewide Permit Number 6:

- a. the following activities (not involving fill or positive change in grade) are covered by this permit:
 - i. The construction of underground utility lines, wells, or septic tanks not crossing a lake or stream.

on land use plans or controls, is expected to occur within ten (10) years. (The Department should be consulted if there is a question of whether or not an area is considered urban).

b. In addition to the materials listed in Section 155.060 (A)(8)(a), other materials (e.g., tire revetments) may be utilized in rural areas provided all other conditions of this permit are met.

c. The following materials shall not be used in any case: auto bodies, garbage or debris, scrap lumber, metal refuse, roofing materials, asphalt or other bituminous materials, or any material which would cause water pollution as defined by the Environmental Protections Act (415 ILCS 5).

d. The affected length of shoreline, stream bank, or channel to be protected shall not exceed, either singularly or cumulatively, one thousand (1000) feet.

e. All material utilized shall be properly sized or anchored to resist anticipated forces of current and wave action.

f. Materials shall be placed in a way which would not cause erosion or the accumulation of debris on properties adjacent to or opposite the project.

g. Materials shall not be placed higher than the existing top of the bank.

h. Materials shall be placed so that the modified bank full width and cross sectional area of the channel will conform to or be no more restrictive than that of the natural channel upstream and downstream of the site.

For projects involving continuous placement of riprap along the bank, toe of the bank or other similar applications, in no case shall the cross sectional area of the natural channel be reduced by more than ten percent (10%) nor the volume of material placed exceed two (2) cubic yards per lineal foot of the stream bank or shoreline. The bank may be graded to obtain a flatter slope and to lessen the quantity of material required.

i. If broken concrete is used, all protruding materials such as reinforcing rods shall be cut flush with the surface of the concrete and removed from the construction area.

j. Disturbance of vegetation shall be kept to a minimum during construction to prevent erosion and sedimentation. All disturbed areas shall be seeded or otherwise stabilized upon completion of construction.

k. In the case of seawalls and gabion structures on lakes, the structure shall be constructed at or landward of the water line as determined by the normal pool elevation, unless:

i. It is constructed in alignment with an existing seawall(s) or gabion structure(s), and

ii. the volume of material placed, including the structure, would not exceed two (2) cubic yards per lineal foot.

l. Excess material excavated during the construction of the bank or shoreline protection shall be placed in accordance with local, state, and federal laws and rules, and shall not be placed in a floodway.

9. Accessory structures and additions to existing residential buildings meeting the conditions of IDNR/OWR Statewide Permit Number 10:

a. The accessory structure or building addition must comply with the requirements of the local floodplain ordinance.

- b. The principal structure of which the project is being added must have been in existence on the effective date of this permit (July 25, 1988).
- c. The accessory structure or addition must not exceed five hundred (500) square feet in size and must not deflect floodwaters onto another property, and
- d. must not involve the placement of any fill material.
- e. No construction shall be undertaken in, or within fifty (50) feet of the bank of the stream channel.
- f. The accessory structure or addition must be properly anchored to prevent its movement during flood conditions.
- g. Only one accessory structure or addition to an existing structure shall be authorized by this permit; plans for any subsequent addition must be submitted to IDNR/OWR for review.
- h. Disturbances of vegetation shall be kept to a minimum during construction to prevent erosion and sedimentation. All disturbed floodway areas shall be seeded or otherwise stabilized upon completion of construction.

10. Minor maintenance dredging activities meeting the following conditions of IDNR/OWR Statewide Permit Number 11:

- a. The affected length of the stream shall not either singularly or cumulatively exceed one thousand (1000) feet.
- b. The project shall not include the construction of any new channel; all work must be confined to the existing channel or to reestablishing flows in the natural stream channel, and
- c. the cross-sectional area of the dredged channel shall conform to that of the natural channel upstream and down stream of the site.
- d. Dredged or spoil material shall not be disposed of in a wetland and shall be either:
 - i. removed from the floodway;
 - ii. used to stabilize an existing bank provided no materials would be placed higher than the existing top of bank and provided the cross-sectional area of the natural channel would not be reduced by more than ten percent (10%), nor the volume of material placed exceed two (2) cubic yards per lineal foot of streambank;
 - iii. used to fill an existing washed out or scoured floodplain area such that the average natural floodplain elevation is not increased;
 - iv. used to stabilize an existing levee provided the height of the levee would not be increased nor its alignment changed;
 - v. placed in a disposal site previously approved by the Department in accordance with the conditions of the approval, or
 - vi. used for beach nourishment, provided the material meets all applicable water quality standards.
- e. Disturbance of streamside vegetation shall be kept to a minimum during construction to prevent erosion and sedimentation. All disturbed floodway areas, including the stream banks, shall be seeded or otherwise stabilized upon completion of construction.

11. Bridge and culvert replacement, repairs and bridge widening meeting the following conditions of IDNR/OWR statewide Permit Number 12:

- a. A licensed professional engineer shall determine and document that the existing structure has not been the cause of demonstrable flood damage. Such documentation shall include, at a minimum, confirmation that:
 - i. No buildings or structures have been impacted by the backwater induced by the existing structure, and
 - ii. There is no record of complaints of flood damages associated with the existing structure.
- b. A licensed professional engineer shall determine that the new structure will provide the same or greater effective waterway opening as the existing structure. For bridge widening projects the existing piers and the proposed pier extensions must be in line with the direction of the approaching flow upstream of the bridge.
- c. The project shall not include any appreciable raising of the approach roads. (This condition does not apply if all points on the approaches exist at an elevation equal to or higher than the 100-year frequency flood headwater elevation as determined by a FEMA flood insurance study completed or approved by IDNR/OWR).
- d. The project shall not involve the straightening, enlargement or relocation of the existing channel of the river or stream except as permitted by the Department's Statewide Permit Number 9 (Minor Shoreline, channel and Streambank Protection Activities) or Statewide Permit Number 11 (Minor Maintenance Dredging Activities).
- e. The permittee shall maintain records of projects authorized by this permit necessary to document compliance with the above conditions.

12. Temporary construction activities meeting the following conditions of IDNR/OWR statewide Permit Number 13:

- a. No temporary construction activity shall be commenced until the individual permittee determines that the permanent structure (if any) for which the work is being performed has received all required federal, state and local authorizations.
- b. The term "temporary" shall mean not more than one construction season. All temporary construction materials must be removed from the stream and floodway within one year of their placement and the area returned to the conditions existing prior to the beginning of construction. Any desired subsequent or repetitive material placement shall not occur without the review and approval of the IDNR/OWR.
- c. The temporary project shall be constructed such that it will not cause erosion or damage due to increases in water surface profiles to adjacent properties. For locations where there are structures in the upstream floodplain, the temporary project shall be constructed such that all water surface profile increases, due to the temporary project, are contained within the channel banks.
- d. This permit does not authorize the placement or construction of any solid embankment or wall such as a dam, roadway, levee, or dike across any channel or floodway.
- e. No temporary structure shall be placed within any river or stream channel until a licensed professional engineer determines and documents that the temporary structure will meet the requirements of Special Condition Number 3 of this statewide permit. Such documentation shall include, at a minimum, confirmation that no buildings or structures will be impacted by the backwater induced by the temporary structure.

- ~~f. The permittee shall maintain records of projects authorized by this permit necessary to document compliance with the above condition.~~
- ~~g. Disturbance of vegetation shall be kept to a minimum during construction to prevent erosion and sedimentation. All disturbed areas shall be seeded or otherwise stabilized upon completion of the removal of the temporary construction.~~
- ~~h. Materials used for the project shall not cause water pollution as defined by the Environmental Protection Act (415 ILCS 5).~~

13. Any Development determined by IDNR/OWR to be located entirely within a flood fringe area shall be exempt from State Floodway permit requirements.

B. Other development activities not listed in Section 155.060 (A) may be permitted only if:

- 1. Permit has been issued for the work by IDNR/OWR (or written documentation is provided that an IDNR/OWR permit is not required), or
- 2. Sufficient data has been provided to FEMA when necessary, and approval obtained from FEMA for a revision of the regulatory map and base flood elevation.

Section 155.070 Protecting Buildings.

A. In addition to the damage prevention requirements of Section 155.060 of this ordinance, all buildings located in the floodplain shall be protected from flood damage below the flood protection elevation. This building protection requirement applies to the following situations:

- 1. Construction or placement of a new building or alteration or addition to an existing building valued at more than one thousand dollars (\$1,000) or seventy (70) square feet.
- 2. Substantial improvements or structural alterations made to an existing building that increase the floor area by more than twenty percent (20%) or equal or exceed the market value by fifty percent (50%). Alteration shall be figured cumulatively **during a 10- year period**. If substantially improved, the existing structure and the addition must meet the flood protection standards of this section.
- 3. Repairs made to a substantially damaged building. These repairs shall be figured cumulatively **during a 10-year period**. If substantially damaged the entire structure must meet the flood protection standards of this section within 24 months of the date of the damage occurred.
- 4. Installing a manufactured home on a new site or a new manufactured home on an existing site. (The building protection requirements do not apply to returning a manufactured home to the same site it lawfully occupied before it was removed to avoid flood damage).
- 5. Installing a travel trailer or recreational vehicle on a site for more than one hundred eighty (180) days per year.
- 6. Repetitive loss to an existing building as defined in Section 155.020.

B. Residential or non-residential buildings can meet the building protection requirements by one of the following methods:

- 1. The building may be constructed on permanent land fill in accordance with the following:
 - a. The lowest floor (including basement) shall be at or above the flood protection elevation.
 - b. The fill shall be placed in layers no greater than six inches before compaction and should extend at least ten (10) feet beyond the foundation before sloping below the flood protection elevation.

- c. The fill shall be protected against erosion and scour during flooding by vegetative cover, riprap, or other structural measure.
 - d. The fill shall be composed of rock or soil and not include debris or refuse material, and
 - e. Shall not adversely affect the flow of surface drainage from or onto neighboring properties and when necessary stormwater management techniques such as swales or basins shall be incorporated.
2. The building may be elevated on solid walls in accordance with the following:
- a. The building or improvements shall be elevated on stilts, piles, walls, crawlspace, or other foundation that is permanently open to flood waters.
 - b. All components located below the flood protection elevation shall be constructed of materials resistant to flood damage.
 - c. The lowest floor and all electrical, heating, ventilating, plumbing, and air conditioning equipment and utility meters shall be located at or above the flood protection elevation.
 - d. If walls are used, all enclosed areas below the flood protection elevation shall address hydrostatic pressures by allowing the automatic entry and exit of flood waters. Designs must either be certified by a licensed professional engineer or by having a minimum of one (1) permanent opening on each wall no more than one (1) foot above grade with a minimum of two (2) openings. The openings shall provide a total net area of not less than one (1) square inch for every one (1) square foot of enclosed area subject to flooding below the base flood elevation, and
 - e. The foundation and supporting members shall be anchored, designed, and certified so as to minimize exposure to hydrodynamic forces such as current, waves, ice, and floating debris.

All structural components below the flood protection elevation shall be constructed of materials resistant to flood damage.
 - i. Water and sewer pipes, electrical and telephone lines, submersible pumps, and other service facilities may be located below the flood protection elevation provided they are waterproofed.
 - ii. The area below the flood protection elevation shall be used solely for parking or building access and not later modified or occupied as habitable space, or
 - iii. In lieu of the above criteria, the design methods to comply with these requirements may be certified by a licensed professional engineer or architect.
3. The building may be constructed with a crawlspace located below the flood protection elevation provided that the following conditions are met:
- a. The building must be designed and adequately anchored to resist flotation, collapse, and lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy.
 - b. Any enclosed area below the flood protection elevation shall have openings that equalize hydrostatic pressures by allowing for the automatic entry and exit of floodwaters. A minimum of one opening on each wall having a total net area of not less than one (1) square inch per one (1) square foot of enclosed area. The openings shall be no more than one (1) foot above grade.
 - c. The interior grade of the crawlspace below the flood protection elevation must not be more than two (2) feet below the lowest adjacent exterior grade.

- d. The interior height of the crawlspace measured from the interior grade of the crawl to the top of the foundations wall must not exceed four (4) feet at any point.
- e. An adequate drainage system must be installed to remove floodwaters from the interior area of the crawlspace within a reasonable period of time after a flood event.
- f. Portions of the building below the flood protection elevation must be constructed with materials resistant to flood damage, and
- g. Utility systems within the crawlspace must be elevated above the flood protection elevation.

C. Non-residential buildings may be structurally dry floodproofed (in lieu of elevation) provided a licensed professional engineer or architect certifies that:

- 1. Below the flood protection elevation the structure and attendant utility facilities are watertight and capable of resisting the effects of the base flood.
- 2. The building design accounts for flood velocities, duration, rate of rise, hydrostatic and hydrodynamic forces, the effects of buoyancy, and the impact from debris and ice.
- 3. Floodproofing measures will be incorporated into the building design and operable without human intervention and without an outside source of electricity.
- 4. Levees, berms, floodwalls and similar works are not considered floodproofing for the purpose of this subsection.

D. Manufactured homes or travel trailers to be permanently installed on site shall be:

- 1. Elevated to or above the flood protection elevation in accordance with Section 155.070 (B), and
- 2. anchored to resist flotation, collapse, or lateral movement by being tied down in accordance with the rules and regulations for the Illinois Mobile Home Tie-Down Act issued pursuant to 77 Ill. Adm. Code § 870.

E. Travel trailers and recreational vehicles on site for more than one hundred eighty (180) days per year shall meet the elevation requirements of Section 155.070 (D) unless the following conditions are met:

- 1. The vehicle must be either self-propelled or towable by a light duty truck.
- 2. The hitch must remain on the vehicle at all times.
- 3. The vehicle must not be attached to external structures such as decks and porches
- 4. The vehicle must be designed solely for recreation, camping, travel, or seasonal use rather than as a permanent dwelling.
- 5. The vehicles largest horizontal projections must be no larger than four hundred (400) square feet.
- 6. The vehicle's wheels must remain on axles and inflated.
- 7. Air conditioning units must be attached to the frame so as to be safe for movement off of the floodplain.
- 8. Propane tanks as well as electrical and sewage connections must be quick-disconnect and above the 100-year flood elevation.
- 9. The vehicle must be licensed and titled as a recreational vehicle or park model, and
- 10. must either:
 - a. Entirely be supported by jacks, or

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- b. Have a hitch that is permanently mounted, have the tires touching the ground and be supported by block in a manner that will allow the block to be easily removed by used of the hitch jack.

F. Garages, sheds or other minor accessory structures constructed ancillary to an existing residential use may be permitted provided the following conditions are met:

1. The garage or shed must be non-habitable.
2. The garage or shed must be used only for the storage of vehicles and tools and cannot be modified later into another use.
3. The garage or shed must be located outside of the floodway or have the appropriate state and/or federal permits.
4. The garage or shed must be on a single family lot and be accessory to an existing principle structure on the same lot.
5. Below the base flood elevation, the garage or shed must be built of materials not susceptible to flood damage.
6. All utilities, plumbing, heating, air conditioning and electrical must be elevated above the flood protection elevation.
7. The garage or shed must have at least one permanent opening on each wall not more than one (1) foot above grade with one (1) square inch of opening for every one (1) square foot of floor area.
8. The garage or shed must be less than ~~ten~~ fifteen thousand dollars (~~\$10,000~~ \$15,000) in market value or replacement cost whichever is greater or less than ~~five hundred and seventy-six (500)~~ five hundred and seventy-six (576) square feet.
9. The structure shall be anchored to resist floatation and overturning.
10. All flammable or toxic materials (gasoline, paint, insecticides, fertilizers, etc.) shall be stored above the flood protection elevation.
11. The lowest floor elevation should be documented and the owner advised of the flood insurance implications.

Section 155.080 Subdivision Requirements

The **City Council** shall take into account hazards, to the extent that they are known, in all official actions related to land management use and development.

- A. New subdivisions, manufactured home parks, annexation agreements, planned unit developments, and additions to manufactured home parks and subdivisions shall meet the damage prevention and building protections standards of Sections 155.060 and 155.070 of this ordinance. Any proposal for such development shall include the following data:
 1. The base flood elevation and the boundary of the floodplain, where the base flood elevation is not available from an existing study, the applicant shall be responsible for calculating the base flood elevation;
 2. The boundary of the floodway when applicable, and
 3. A signed statement by a Licensed Professional Engineer that the proposed plat or plan accounts for changes in the drainage of surface waters in accordance with the Plat Act (765 ILCS 205/2).

Streets, blocks, lots, parks and other public grounds shall be located and laid out in such a manner as to preserve and utilize natural streams and channels. Wherever possible the floodplains shall be included within parks or other public grounds.

To avoid flood damage and to protect the natural and beneficial floodplain functions, new flood prone building sites shall not be permitted in floodplain areas. Each new lot shall have a suitable building site outside the floodplain.

Section 155.090 Public Health and Other Standards

- A. Public health standards must be met for all floodplain development. In addition to the requirements of Sections 155.060 and 155.070 of this ordinance the following standards apply:
 - 1. No development in the floodplain shall include locating or storing chemicals, explosives, buoyant materials, flammable liquids, pollutants, or other hazardous or toxic materials below the flood protection elevation unless such materials are stored in a floodproofed and anchored storage tank and certified by a professional engineer or floodproofed building constructed according to the requirements of Section 155.070 of this ordinance.
 - 2. Public utilities and facilities such as sewer, gas and electric shall be located and constructed to minimize or eliminate flood damage.
 - 3. Public sanitary sewer systems and water supply systems shall be located and constructed to minimize or eliminate infiltration of flood waters into the systems and discharges from the systems into flood waters.
 - 4. New and replacement on-site sanitary sewer lines or waste disposal systems shall be located and constructed to avoid impairment to them or contamination from them during flooding. Manholes or other above ground openings located below the flood protection elevation shall be watertight.
 - 5. Construction of new or substantially improved critical facilities shall be located outside the limits of the floodplain. Construction of new critical facilities shall be permissible within the floodplain if no feasible alternative site is available. Critical facilities constructed within the SFHA shall have the lowest floor (including basement) elevated or structurally dry floodproofed to the 500-year flood frequency elevation or three feet above the level of the 100-year flood frequency elevation whichever is greater. Floodproofing and sealing measures must be taken to ensure that toxic substances will not be displaced by or released into floodwaters. Access routes elevated to or above the level of the base flood elevation shall be provided to all critical facilities.

- B. All other activities defined as development shall be designed so as not to alter flood flows or increase potential flood damages.

Section 155.100 Carrying Capacity and Notification.

For all projects involving channel modification, fill, or stream maintenance (including levees), the flood carrying capacity of the watercourse shall be maintained.

In addition, the **City of Galena** shall notify adjacent communities in writing thirty (30) days prior to the issuance of a permit for the alteration or relocation of the watercourse.

Section 155.110 Variances.

Whenever the standards of this ordinance place undue hardship on a specific development proposal, the applicant may apply to the **Zoning Board of Appeals** for a variance. The **Zoning Board of Appeals** shall review the applicant's request for a

variance and shall submit its recommendation to the Zoning Board of Appeals. The Zoning Board of Appeals may attach such conditions to granting of a variance as it deems necessary to further the intent of this ordinance.

- A. No variance shall be granted unless the applicant demonstrates that **all** of the following conditions are met:
 - 1. The development activity cannot be located outside the floodplain.
 - 2. An exceptional hardship would result if the variance were not granted.
 - 3. The relief requested is the minimum necessary.
 - 4. There will be no additional threat to public health, safety or creation of a nuisance.
 - 5. There will be no additional public expense for flood protection, rescue or relief operations, policing, or repairs to roads, utilities, or other public facilities.
 - 6. The applicant’s circumstances are unique and do not establish a pattern inconsistent with the intent of the NFIP, and
 - 7. All other state and federal permits have been obtained.

- B. The **Zoning Administrator** shall notify an applicant in writing that a variance from the requirements of the building protections standards of Section 155.070 that would lessen the degree of protection to a building will:
 - 1. Result in increased premium rates for flood insurance up to twenty-five dollars (\$25) per one hundred dollars (\$100) of insurance coverage;
 - 2. Increase the risk to life and property, and
 - 3. Require that the applicant proceed with knowledge of these risks and that the applicant acknowledge in writing the assumption of the risk and liability.

C. Historic Structures

- a. Variances to the building protection requirements of Section 155.070 of this ordinance which are requested in connection with reconstruction, repair, or alteration of a historic site or historic structure as defined in “Historic Structures”, may be granted using criteria more permissive than the requirements of Sections 155.060 and 155.070 of this ordinance subject to the conditions that:
 - 1. The repair or rehabilitation is the minimum necessary to preserve the historic character and design of the structure.
 - 2. The repair or rehabilitation will not result in the structure being removed as a certified historic structure.

D. Agriculture

Any variance granted for an agricultural structure shall be decided individually based on a case by case analysis of the building's unique circumstances. Variances granted shall meet the following conditions as well as those criteria and conditions set forth in this ordinance.

In order to minimize flood damages during the 100-year flood and the threat to public health and safety, the following conditions shall be included for any variance issued for agricultural structures that are constructed at-grade and wet-floodproofed.

- 1. All agricultural structures considered for a variance from the floodplain management regulations of this ordinance shall demonstrate that the varied structure is located in wide, expansive floodplain areas and no other alternate location outside of the special flood hazard area exists for the agricultural structure. Residential structures or animal confinement facilities, such as farm houses, cannot be considered agricultural structures.

2. Use of the varied structures must be limited to agricultural purposes in zone A only as identified on the community's Flood Insurance Rate Map (FIRM).
3. For any new or substantially damaged agricultural structures, the exterior and interior building components and elements (i.e., foundation, wall framing, exterior and interior finishes, flooring, etc.) below the base flood elevation, must be built with flood-resistant materials in accordance with Section 155.070 of this ordinance.
4. The agricultural structures must be adequately anchored to prevent flotation, collapse, or lateral movement of the structures in accordance with Section 155.070 of this ordinance. All of the building's structural components must be capable of resisting specific flood-related forces including hydrostatic, buoyancy, and hydrodynamic and debris impact forces.
5. Any mechanical, electrical, or other utility equipment must be located above the base flood elevation or floodproofed so that they are contained within a watertight, floodproofed enclosure that is capable of resisting damage during flood conditions in accordance with Section 155.070 of this ordinance.
6. The NFIP requires that enclosure or foundation walls, subject to the 100-year flood, contain openings that will permit the automatic entry and exit of floodwaters in accordance with Section 155.070(B) this ordinance.
7. The agricultural structures must comply with the floodplain management floodway provisions of Section 155.060 of this ordinance. No variances may be issued for agricultural structures within any designated floodway.
8. Wet-floodproofing construction techniques must be reviewed and approved by the floodplain administrator and a registered professional engineer or architect prior to the issuance of any floodplain development permit for construction.

Section 155.120 Disclaimer of Liability.

The degree of protection required by this ordinance is considered reasonable for regulatory purposes and is based on available information derived from engineering and scientific methods of study. Larger floods may occur or flood heights may be increased by man-made or natural causes. This ordinance does not imply that development either inside or outside of the floodplain will be free from flooding or damage. This ordinance does not create liability on the part of the **City of Galena** or any officer or employee thereof for any flood damage that results from proper reliance on this ordinance or any administrative decision made lawfully thereunder.

Section 155.130 Penalty.

Failure to obtain a permit for development in the floodplain or failure to comply with the conditions of a permit or a variance shall be deemed to be a violation of this ordinance. Upon due investigation, the **Zoning Administrator** may determine that a violation of the minimum standards of this ordinance exists. The **Zoning Administrator** shall notify the owner in writing of such violation.

- A. If such owner fails after ten (10) days notice to correct the violation:
 1. The **City of Galena** shall make application to the circuit court for an injunction requiring conformance with this ordinance or make such other order as the court deems necessary to secure compliance with the ordinance.
 2. Any person who violates this ordinance shall upon conviction thereof be fined not less than fifty dollars (\$50) or more than seven hundred fifty (\$750) for each offense.
 3. A separate offense shall be deemed committed upon each day during or on which a violation occurs or continues, and
 4. The **City of Galena** shall record a notice of violation on the title of the property.

- B. The **Zoning Administrator** shall inform the owner that any such violation is considered a willful act to increase flood damages and therefore may cause coverage by a Standard Flood Insurance Policy to be suspended.

The **Zoning Administrator** is authorized to issue an order requiring the suspension of the subject development. The stop-work order shall be in writing, indicate the reason for the issuance, and shall order the action, if necessary, to resolve the circumstances requiring the stop-work order. The stop-work order constitutes a suspension of the permit.

No site development permit shall be permanently suspended or revoked until a hearing is held by the **Zoning Board of Appeals**. Written notice of such hearing shall be served on the permittee and shall state:

1. The grounds for the complaint, reasons for suspension or revocation, and
2. The time and place of the hearing.

At such hearing the permittee shall be given an opportunity to present evidence on their behalf. At the conclusion of the hearing, the **Zoning Board of Appeals** shall determine whether the permit shall be suspended or revoked.

- C. Nothing herein shall prevent the **City of Galena** from taking such other lawful action to prevent or remedy any violations. All costs connected therewith shall accrue to the person or persons responsible.

Section 155.140 Abrogation and Greater Restrictions.

This ordinance repeals and replaces other ordinances adopted by the **City of Galena** to fulfill the requirements of the National Flood Insurance Program including: **Ordinance O-99-06, passed 5-24-1999; Amended by Ordinance O-05-16, passed 5-23-2005; Amended by Ordinance O-10-24, passed 8-23-2010.** However, this ordinance does not repeal the original resolution or ordinance adopted to achieve eligibility in the program. Nor does this ordinance repeal, abrogate, or impair any existing easements, covenants, or deed restrictions. Where this ordinance and other ordinance easements, covenants or deed restrictions conflict or overlap, whichever imposes the more stringent restrictions shall prevail.

Section 155.150 Severability.

The provisions and sections of this ordinance shall be deemed severable and the invalidity of any portion of this ordinance shall not affect the validity of the remainder.

Invoice	Seq	Type	Description	Invoice Date	Total Cost	PO Number	GL Account
5 ALARM FIRE & SAFETY EQU (173)							
150922-1	1	Invoice	WINDSHIELD CUTTERS	09/09/2015	1,330.00		22.22.840.00
Total 5 ALARM FIRE & SAFETY EQU (173):					1,330.00		
ABNEY, ROBERT (120186)							
092815	1	Invoice	DEPOSIT REFUND	09/28/2015	200.00		58.54.929.00
Total ABNEY, ROBERT (120186):					200.00		
ALBAUGH, ROBERT CRAIG (1084)							
091515	1	Invoice	RETIREMENT HEALTH B	09/15/2015	102.00		78.32.464.02
Total ALBAUGH, ROBERT CRAIG (1084):					102.00		
AMERICAN LEGAL PUBLISHING (556)							
0106492	1	Invoice	CODE CODIFICATION	09/04/2015	495.00		01.14.549.01
Total AMERICAN LEGAL PUBLISHING (556):					495.00		
AMERICAN WATER ENTERPRISES (1005)							
MA007-2001	1	Invoice	WATER CONTRACT	09/02/2015	26,016.18		51.42.515.00
MA007-2001	2	Invoice	SEWER CONTRACT	09/02/2015	26,016.17		52.43.515.01
Total AMERICAN WATER ENTERPRISES (1005):					52,032.35		
AT & T (LOCAL) (103)							
091515	1	Invoice	POOL/PHONE	09/15/2015	28.33		59.55.552.00
091515	2	Invoice	PUBLIC WORKS/PHONE	09/15/2015	43.54		01.41.552.00
091515	3	Invoice	FIRE DEPARTMENT/PHO	09/15/2015	98.36		22.22.552.00
091515	4	Invoice	EMS/PHONE	09/15/2015	28.17		12.10.552.00
091515	5	Invoice	POLICE/PHONE	09/15/2015	502.58		01.21.552.00
091515	6	Invoice	FIRE DEPARTMENT/PHO	09/15/2015	32.60		22.22.552.00
091515	7	Invoice	ADMINISTRATION/PHON	09/15/2015	224.21		01.13.552.00
091515	8	Invoice	FLOOD CONTROL/PHON	09/15/2015	28.17		20.25.515.00
091515	9	Invoice	ADMINISTRATION/PHON	09/15/2015	95.89		01.13.552.00
Total AT & T (LOCAL) (103):					1,081.85		
AT & T LONG DISTANCE (119065)							
091515	1	Invoice	POOL/LONG DISTANCE	09/15/2015	.15		59.55.552.00
091515	2	Invoice	PUBLIC WORKS/LONG DI	09/15/2015	.10		01.41.552.00
091515	3	Invoice	FIRE DEPARTMENT/LON	09/15/2015	.34		22.22.552.00
091515	4	Invoice	EMS/LONG DISTANCE	09/15/2015	.05		12.10.552.00
091515	5	Invoice	POLICE/LONG DISTANCE	09/15/2015	18.99		01.21.552.00
091515	6	Invoice	ADMINISTRATION/LONG	09/15/2015	68.29		01.13.552.00
Total AT & T LONG DISTANCE (119065):					87.92		
CARD SERVICE CENTER (119840)							
091515	1	Invoice	EXCHANGE ON LINE	09/15/2015	101.50		51.42.929.00
091515	2	Invoice	CREATIVE CLOUD	09/15/2015	21.24		01.16.563.00
091515	3	Invoice	SIGN	09/15/2015	15.69		01.13.651.02
091515	4	Invoice	FLAG	09/15/2015	83.15		01.13.511.01

Invoice	Seq	Type	Description	Invoice Date	Total Cost	PO Number	GL Account
091515	5	Invoice	SOFTWARE	09/15/2015	139.97		01.13.512.04
091515	6	Invoice	TRAINING	09/15/2015	400.00		01.14.563.00
091515	7	Invoice	TRAVEL	09/15/2015	139.12		01.21.562.00
091515	8	Invoice	OFFICE SUPPLIES	09/15/2015	6.99		01.13.651.02
Total CARD SERVICE CENTER (119840):					907.66		
CHIEF LAW ENFORCEMENT SUPPLY (119909)							
363837	1	Invoice	UNIFORMS/TONY	09/17/2015	31.98		01.21.471.15
Total CHIEF LAW ENFORCEMENT SUPPLY (119909):					31.98		
CONMAT, INC. (1187)							
97938	1	Invoice	SEALCOAT	09/10/2015	1,985.49		41.61.860.02
98147	1	Invoice	SEALCOAT POWDER HIL	09/18/2015	451.23		41.61.860.02
Total CONMAT, INC. (1187):					2,436.72		
DIXON, R. K. CO. (1)							
1364006	1	Invoice	COPIES MADE	09/11/2015	182.80		01.13.579.00
Total DIXON, R. K. CO. (1):					182.80		
DOIG, KATHLEEN (119339)							
285359	1	Invoice	MARKET HOUSE RESTR	09/22/2015	320.00		01.13.511.06
Total DOIG, KATHLEEN (119339):					320.00		
DUHACK (LEHN) & SONS, INC. (119578)							
091415	1	Invoice	ROOF REPAIRS	09/14/2015	3,650.00		22.22.844.04
Total DUHACK (LEHN) & SONS, INC. (119578):					3,650.00		
FELD FIRE (119879)							
0284066	1	Invoice	REPAIR SCBA REGULAT	09/08/2015	56.00		22.22.652.00
Total FELD FIRE (119879):					56.00		
FIRST SUPPLY LLC - DUBUQUE (120151)							
2377622-00	1	Invoice	HEATER SENSOR	08/20/2015	21.45		59.55.511.01
Total FIRST SUPPLY LLC - DUBUQUE (120151):					21.45		
FLINT HILLS RESOURCES, LP (119240)							
17428102-0	1	Invoice	SEALCOAT	09/11/2015	10,482.96		41.61.860.02
Total FLINT HILLS RESOURCES, LP (119240):					10,482.96		
GALENA CHAMBER/COMMERCE (20)							
2155	1	Invoice	CHAMBER DUES	09/03/2015	90.00		01.11.561.00
Total GALENA CHAMBER/COMMERCE (20):					90.00		

Invoice	Seq	Type	Description	Invoice Date	Total Cost	PO Number	GL Account
GALENA FIRE DEPT. (91)							
091515	1	Invoice	FIRE PREVENTION HELM	09/15/2015	845.56		22.22.563.02
092215	1	Invoice	FIRE PREVENTION LITER	09/22/2015	1,273.19		22.22.563.02
Total GALENA FIRE DEPT. (91):					2,118.75		
GALL'S, INC. (712)							
004019374	1	Invoice	UNIFORMS/DEVIN	09/03/2015	146.95		01.21.471.15
Total GALL'S, INC. (712):					146.95		
HALSTEAD, MARY L. (119966)							
091515	1	Invoice	CITY HALL JANITOR	09/15/2015	240.00		01.13.511.07
091515	2	Invoice	PUBLIC RESTROOMS AT	09/15/2015	225.00		01.13.511.08
091515	3	Invoice	PARKS RESTROOMS	09/15/2015	675.00		17.52.422.00
Total HALSTEAD, MARY L. (119966):					1,140.00		
HEALTHCARE SERVICE CORPORATION (118931)							
091515	1	Invoice	HSA/FAMILY/EMPLOYEE	09/15/2015	4,361.00		01.218.0
091515	2	Invoice	PPO/BLEU CROSS BLEU	09/15/2015	396.00		01.218.0
091515	3	Invoice	HEALTH INSURANCE	09/15/2015	23,197.75		01.13.451.00
091515	4	Invoice	WESTEMEIER/INSURAN	09/15/2015	875.71		78.32.464.02
Total HEALTHCARE SERVICE CORPORATION (118931):					28,830.46		
HULSCHER'S FENCING, INC. (164)							
6492	1	Invoice	GUARDRAIL REPAIR - IN	09/09/2015	1,610.00		01.41.614.05
6518	1	Invoice	FENCING	09/24/2015	12,400.00		51.42.831.05
Total HULSCHER'S FENCING, INC. (164):					14,010.00		
HYDE, MARY BETH (101)							
082615	1	Invoice	TRAVEL REIMBURSEME	08/26/2015	126.15		01.14.562.00
Total HYDE, MARY BETH (101):					126.15		
ILLINOIS HOMICIDE INVESTIGATORS ASSOC. (120037)							
091115	1	Invoice	TRAINING/TONY	09/11/2015	195.00		01.21.563.00
Total ILLINOIS HOMICIDE INVESTIGATORS ASSOC. (120037):					195.00		
ILLINOIS STATE POLICE (1152)							
091515	1	Invoice	BACKGROUND CHECK	09/15/2015	29.75		01.21.549.00
Total ILLINOIS STATE POLICE (1152):					29.75		
J & R RENTAL (1014)							
0032547	1	Invoice	MISC. EQUIPMENT	09/08/2015	22.88		01.41.613.12
Total J & R RENTAL (1014):					22.88		
JACKSON CONCRETE/EXCAVATION CO (489)							
091415	1	Invoice	CURB/GUTTER	09/14/2015	1,350.00		01.41.830.01

Invoice	Seq	Type	Description	Invoice Date	Total Cost	PO Number	GL Account
092315	1	Invoice	GRANT PARK SIDEWALK	09/23/2015	5,000.00		01.41.514.10
092315	2	Invoice	GRANT PARK SIDEWALK	09/23/2015	4,780.00		01.41.863.07
Total JACKSON CONCRETE/EXCAVATION CO (489):					11,130.00		
JA-MAR PATTERN, INC. (119620)							
16306	1	Invoice	PARKING IMPROVEMEN	09/14/2015	250.00		17.52.820.06
Total JA-MAR PATTERN, INC. (119620):					250.00		
JO CARROLL ENERGY, INC. (397)							
091515	1	Invoice	ELECTRIC	09/15/2015	541.03		15.41.572.00
091515	2	Invoice	PUBLIC WORKS/ELECTRI	09/15/2015	347.90		01.41.571.01
091515	3	Invoice	PARKS/ELECTRIC	09/15/2015	327.95		17.52.571.01
091515	4	Invoice	FIRE/ELECTRIC	09/15/2015	57.17		22.22.576.01
091515	5	Invoice	POOL/ELECTRIC	09/15/2015	2,431.52		59.55.571.01
Total JO CARROLL ENERGY, INC. (397):					3,705.57		
KUSTOM SIGNALS, INC. (995)							
518819	1	Invoice	NEW REMOTES FOR RA	09/17/2015	191.80		01.21.513.06
Total KUSTOM SIGNALS, INC. (995):					191.80		
LAWSON PRODUCTS, INC. (627)							
9303553444	1	Invoice	SUPPLIES	09/14/2015	225.08		01.41.652.00
Total LAWSON PRODUCTS, INC. (627):					225.08		
LIEB ENERGY SOLUTIONS, CO. (119931)							
595394	1	Invoice	CONCRETE/SIDEWALK	09/24/2015	300.00		01.41.614.04
Total LIEB ENERGY SOLUTIONS, CO. (119931):					300.00		
LOUIE'S TRENCHING SERVICE (127)							
3807	1	Invoice	SALES TAX - SEALCOAT	09/18/2015	3,414.00		41.61.860.02
Total LOUIE'S TRENCHING SERVICE (127):					3,414.00		
MAILFINANCE (119741)							
H5509155	1	Invoice	POSTAGE METER	09/04/2015	396.81		01.13.579.02
Total MAILFINANCE (119741):					396.81		
METLIFE SMALL BUSINESS CENTER (775)							
091515	1	Invoice	EMPLOYEE DENTAL	09/15/2015	1,796.80		01.13.451.01
091515	2	Invoice	EMPLOYEE LIFE	09/15/2015	264.05		01.13.452.00
Total METLIFE SMALL BUSINESS CENTER (775):					2,060.85		
MICROBIAL RESTORATION SERVICES, LLC (120184)							
20303	1	Invoice	MORTAR MIX	09/15/2015	274.75		01.41.614.04

Invoice	Seq	Type	Description	Invoice Date	Total Cost	PO Number	GL Account
Total MICROBIAL RESTORATION SERVICES, LLC (120184):					274.75		
MONTGOMERY TIMMERMAN, INC. (119350)							
091715	1	Invoice	POLICE PROJECT	09/17/2015	337.00		01.13.820.00
Total MONTGOMERY TIMMERMAN, INC. (119350):					337.00		
MORSE ELECTRIC, INC (69)							
102172	1	Invoice	TRAFFIC SIGNAL	09/16/2015	455.40		15.41.514.06
Total MORSE ELECTRIC, INC (69):					455.40		
NORTH EAST MULTI-REGIONAL TRAI, INC. (119992)							
199831	1	Invoice	TRAINING/KIM HATFIELD	09/15/2015	75.00		01.21.563.00
Total NORTH EAST MULTI-REGIONAL TRAI, INC. (119992):					75.00		
NUTOYS LEISURE PRODUCTS (373)							
43303	1	Invoice	BENCH DONATION	09/01/2015	1,315.00		17.52.870.01
43304	1	Invoice	BENCH DONATION	09/01/2015	1,317.00		17.52.870.01
43305	1	Invoice	BENCH DONATION	09/01/2015	1,435.00		17.52.870.01
Total NUTOYS LEISURE PRODUCTS (373):					4,067.00		
PETTY CASH/POLICE DEPT. (163)							
092315	1	Invoice	MEALS/TRAINING	09/23/2015	37.41		01.21.562.00
Total PETTY CASH/POLICE DEPT. (163):					37.41		
QUILL CORP. (686)							
7401376	1	Invoice	OFFICE SUPPLIES/POLIC	09/02/2015	91.95		01.21.651.00
7818865	1	Invoice	OFFICE SUPPLES/ALL	09/16/2015	237.63		01.13.651.02
7849773	1	Invoice	OFFICE SUPPLIES/ALL	09/16/2015	69.41		01.13.651.02
CR6128804	1	Invoice	CREDIT	07/24/2015	6.41-		01.13.651.02
Total QUILL CORP. (686):					392.58		
SIGNCRAFT SCREENPRINT, INC. (555)							
429091	1	Invoice	CODE RED SIGN	09/18/2015	191.52		01.11.929.01
Total SIGNCRAFT SCREENPRINT, INC. (555):					191.52		
STATE OF ILLINOIS/FIRE MARSHAL (445)							
9542800	1	Invoice	BOILER INSEPCTION	09/15/2015	70.00		01.21.651.00
Total STATE OF ILLINOIS/FIRE MARSHAL (445):					70.00		
TRI-STATE APPAREL (120154)							
102945	1	Invoice	HALLOWEEN PARADE SI	09/01/2015	318.26		01.41.652.04
Total TRI-STATE APPAREL (120154):					318.26		

Invoice	Seq	Type	Description	Invoice Date	Total Cost	PO Number	GL Account
TRI-STATE PORTA POTTY, INC. (908)							
3064	1	Invoice	BIKE TRAIL/PORTA POTT	09/05/2015	90.00		17.52.579.01
Total TRI-STATE PORTA POTTY, INC. (908):					90.00		
UPS STORE GALENA, THE (1260)							
090915	1	Invoice	POSTAGE	09/09/2015	9.33		01.21.551.00
Total UPS STORE GALENA, THE (1260):					9.33		
VAN METER INC. (141)							
395	2	Adjustmen	CONSULTING	09/08/2015	420.00-		01.45.532.00
S8665540.00	2	Adjustmen	LED LIGHTING	08/11/2015	21,681.20-		01.41.614.06
Total VAN METER INC. (141):					22,101.20-		
VERIZON WIRELESS (316)							
091515	1	Invoice	FIRE DEPARTMENT/VERI	09/15/2015	76.02		22.22.929.00
092315	1	Invoice	PAY & DISPLAY	09/23/2015	26.65		01.21.537.00
092415	1	Invoice	VERIZON JET PACK FOR	09/24/2015	38.01		01.21.652.03
Total VERIZON WIRELESS (316):					140.68		
VINCENT & SONS, J. P. (507)							
091415	1	Invoice	PARK DONATION	09/14/2015	2,650.00		17.52.820.06
Total VINCENT & SONS, J. P. (507):					2,650.00		
WAL-MART COMMUNITY (CC) (1258)							
091515	1	Invoice	OFFICE SUPPLIES	09/15/2015	4.96		01.13.651.02
091515	2	Invoice	JANITOR SUPPLIES	09/15/2015	13.94		01.13.654.00
091515	3	Invoice	OFFICE SUPPLIES	09/15/2015	168.04		01.21.651.00
091515	4	Invoice	SUPPLIES	09/15/2015	62.15		01.41.652.00
091515	5	Invoice	PARK HELP/SHOES	09/15/2015	81.75		17.52.652.00
091515	6	Invoice	CONCESSION SUPPLIES	09/15/2015	45.34		59.55.652.05
Total WAL-MART COMMUNITY (CC) (1258):					376.18		
WEBER PAPER COMPANY (40)							
618471	1	Invoice	JANITOR SUPPLIES	09/17/2015	130.96		01.13.654.00
Total WEBER PAPER COMPANY (40):					130.96		
WHITE CONSTRUCTION CO., INC. (119359)							
080615	1	Invoice	CHANGE ORDER/FIRE E	08/06/2015	3,925.00		58.54.820.00
092815	1	Invoice	TURNER HALL JANITORI	09/28/2015	350.00		58.54.536.00
Total WHITE CONSTRUCTION CO., INC. (119359):					4,275.00		
WIZARD COMPUTERS INC (666)							
13380	1	Invoice	COMPUTER MAINTENAN	09/15/2015	187.50		01.13.512.04
Total WIZARD COMPUTERS INC (666):					187.50		

Invoice	Seq	Type	Description	Invoice Date	Total Cost	PO Number	GL Account
ZARNOTH BRUSH WORKS INC. (212)							
0156639	1	Invoice	SWEEPER	09/03/2015	256.50		01.41.613.11
Total ZARNOTH BRUSH WORKS INC. (212):					256.50		
Grand Totals:					134,036.61		

Report GL Period Summary

Vendor number hash: 2537691
 Vendor number hash - split: 4579592
 Total number of invoices: 68
 Total number of transactions: 105

Terms Description	Invoice Amount	Net Invoice Amount
Open Terms	134,036.61	134,036.61
Grand Totals:	134,036.61	134,036.61