

**VILLAGE OF BARTLETT**  
**BOARD AGENDA**  
**NOVEMBER 19, 2019**  
**7:00 P.M.**

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **INVOCATION**
4. **PLEDGE OF ALLEGIANCE**
5. **\*CONSENT AGENDA\***

*All items listed with an asterisk\* are considered to be routine and will be enacted by one motion. There will be no separate discussion of these items unless a Board member so requests, in which event, the item will be removed from the General Order of Business and considered at the appropriate point on the agenda.*

\*6. **MINUTES:** Public Hearing, Board, Committee Minutes – November 5, 2019

\*7. **BILL LIST:** November 19, 2019

8. **TREASURER'S REPORT:** September, 2019  
Sales Tax Report – July, 2019  
Motor Fuel Tax Report – August, 2019

9. **PRESIDENT'S REPORT:** National Impaired Driving Prevention Month Proclamation

10. **QUESTION/ANSWER: PRESIDENT & TRUSTEES**

11. **TOWN HALL:** (Note: Three (3) minute time limit per person)

12. **STANDING COMMITTEE REPORTS:**

**A. BUILDING & ZONING COMMITTEE, CHAIRMAN HOPKINS**

1. Ordinance Granting a Fence Height Variation for 211 Gatewood Lane
2. Ordinance Amending the Bartlett Municipal Code Title 10 Zoning to Add Provisions to Allow Certain Adult-Use Cannabis Uses as a Special Use and Prohibiting Certain Adult-Use Cannabis Uses
3. Ordinance Amending the Bartlett Municipal Code Title 1 Administrative and Title 10 Zoning to add Provisions for the Downtown Overlay District and Amending the Village of Bartlett Official Zoning Map

**B. COMMUNITY & ECONOMIC DEVELOPMENT COMMITTEE, CHAIRMAN GABRENYA**

1. None

**C. FINANCE & GOLF COMMITTEE, CHAIRMAN DEYNE**

1. None

**D. LICENSE & ORDINANCE COMMITTEE, CHAIRMAN REINKE**

1. None

**E. POLICE & HEALTH COMMITTEE, CHAIRMAN CARBONARO**

- \*1. Resolution Adopting the Update of the Cook County Multi-Jurisdictional Hazard Mitigation Plan

**F. PUBLIC WORKS COMMITTEE, CHAIRMAN CAMERER**

1. None

13. **NEW BUSINESS**

14. **QUESTION/ANSWER: PRESIDENT & TRUSTEES**

15. **ADJOURNMENT**



**VILLAGE OF BARTLETT  
PUBLIC HEARING MINUTES  
November 5, 2019**

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1. CALL TO ORDER

President Wallace called the Truth in Taxation Public Hearing of November 5, 2019 of the President and Board of Trustees of the Village of Bartlett to order on the above date at 7:00 p.m. in the Council Chambers.

2. ROLL CALL

PRESENT: Trustees Camerer, Carbonaro, Deyne, Gabrenya, Hopkins, Reinke, and President Wallace

ABSENT: None

ALSO PRESENT: Village Administrator Paula Schumacher, Assistant to the Village Administrator Scott Skrycki, Human Resources Director Janelle Terrance, Sr. Management Analyst Sam Hughes, Management Analyst Joey Dienberg, Finance Director Todd Dowden, Assistant Finance Director Matt Coulter, Planning & Development Services Director Roberta Grill, Public Works Director Dan Dinges, Public Works Engineer Bob Allen, Building Director Brian Goralski, Grounds Superintendent Kevin DeRoo, Police Chief Patrick Ullrich, Deputy Chief Geoff Pretkelis, Deputy Chief Jim Durbin, Village Attorney Bryan Mraz and Village Clerk Lorna Giles.

Village Administrator Paula Schumacher stated that this Public Hearing is for the 2019 Village of Bartlett property tax levy. We discussed the tax levy at the last Committee meeting. To recap: The proposed Village of Bartlett property tax levy totals \$11,248,925. The General Corporate levy is flat from the prior year. Combined with the Police Pension levy, the General Corporate and Police Pension levy have increased 0.04% from the 2018 extension. The debt service levy has decreased 4.02%. In total, the levy has been decreased \$126,100 or 1.11% from the 2018 extension. 2019 tax rates from Cook, DuPage, and Kane counties will be determined in the spring of 2020 when the counties finalize EAV's for the 2019 tax levy.

This levy will be presented to the Village Board December 3<sup>rd</sup> for final approval and the levy will be filed with each County Clerk no later than December 24, 2019.

President Wallace asked if any member of the public wished to offer written or oral testimony.



**VILLAGE OF BARTLETT**  
**PUBLIC HEARING MINUTES**  
**November 5, 2019**

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3. ADJOURNMENT

It was moved by Trustee Camerer to adjourn the Truth in Taxation Public Hearing and was seconded by Trustee Deyne.

ROLL CALL VOTE TO ADJOURN

AYES: Trustees Camerer, Carbonaro, Deyne, Gabrenya, Hopkins, Reinke

NAYS: None

ABSENT: None

MOTION CARRIED

The Public Hearing was adjourned at 7:02 p.m.

Lorna Gilles  
Village Clerk



**VILLAGE OF BARTLETT**  
**BOARD MINUTES**  
**November 5, 2019**

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1. CALL TO ORDER

President Wallace called the regular meeting of November 5, 2019 of the President and Board of Trustees of the Village of Bartlett to order on the above date at 7:02 p.m. in the Council Chambers.

2. ROLL CALL

PRESENT: Trustees Camerer, Carbonaro, Deyne, Gabrenya, Hopkins, Reinke and President Wallace

ABSENT: None

ALSO PRESENT: Village Administrator Paula Schumacher, Assistant to the Village Administrator Scott Skrycki, Human Resources Director Janelle Terrance, Sr. Management Analyst Sam Hughes, Management Analyst Joey Dienberg, Finance Director Todd Dowden, Assistant Finance Director Matt Coulter, Planning & Development Services Director Roberta Grill, Public Works Director Dan Dinges, Public Works Engineer Bob Allen, Building Director Brian Goralski, Grounds Superintendent Kevin DeRoo, Police Chief Patrick Ullrich, Deputy Chief Geoff Pretkelis, Deputy Chief Jim Durbin, Village Attorney Bryan Mraz and Village Clerk Lorna Giles.

3. INVOCATION – Christ Community Church Pastor Cory Shumate gave the invocation.

4. PLEDGE OF ALLEGIANCE

5. CONSENT AGENDA

President Wallace stated that all items marked with an asterisk on the Agenda are considered to be routine and will be enacted by one motion. He further stated that there will be no separate discussion of these items unless a Board member so requests, in which event, that item will be removed from the Consent Agenda and considered at the appropriate point on the Agenda. He asked if there were any items a Board member wished to remove from the Consent Agenda, or any items a Board member wished to add to the Consent Agenda.

There were no requests to amend any items on the Consent Agenda.

President Wallace then recited each item that was on the Consent Agenda, including the nature of the matters being considered and other information to inform the public of matters being voted upon. He then stated that he would entertain a motion to approve the Consent Agenda, and the items designated to be approved by consent therein.



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**BOARD MINUTES**  
**November 5, 2019**

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Trustee Deyne moved to approve the Consent Agenda and that motion was seconded by Trustee Hopkins.

**ROLL CALL VOTE TO APPROVE THE CONSENT AGENDA AND CONSENT ITEMS THEREIN**

AYES: Trustees Camerer, Carbonaro, Deyne, Gabrenya, Hopkins, Reinke

NAYS: None

ABSENT: None

**MOTION CARRIED**

**6. MINUTES**

Trustee Carbonaro moved to approve the Board and Committee minutes from October 15, 2019 and that motion was seconded by Trustee Hopkins.

**ROLL CALL VOTE TO APPROVE THE BOARD/COMMITTEE MINUTES FROM OCTOBER 15, 2019**

AYES: Trustees Deyne, Hopkins, Reinke

NAYS: None

ABSENT: None

ABSTAIN: Trustees Camerer, Carbonaro, Gabrenya

**MOTION CARRIED**

7. BILL LIST – Covered and approved under the Consent Agenda

8. TREASURER'S REPORT - None

9. PRESIDENT'S REPORT

Jamie Wilkey from Lauterbach & Amen, LLP auditors reviewed the 2019 financial audit report.

10. QUESTION/ANSWER: PRESIDENT & TRUSTEES

Trustee Deyne recognized staff anniversaries and birthdays.

Trustee Camerer stated that he was happy that the Board and Committee packets were electronic since it was 722 pages.



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11. TOWN HALL

**George Koziol, 654 Hazel Nut Court**

Mr. Koziol stated that he was there to ask for help on a potentially dangerous road condition before a vehicle is damaged or someone is injured. He stated that the problem was on Lake Street at the main entrance to Moretti's restaurant at 1175 W. Lake Street. Potholes have and are continuing to form in the island where westbound vehicles turn onto the median to enter the parking lot and vehicles exiting the parking lot to go West must use the median before entering traffic. With the minimum speed limit of 45 MPH on Lake Street in the area, he was concerned that a turning vehicle might encounter a tire blowout when attempting to exit the roadway at those speeds. Worse yet, traffic in either direction might lose control and enter into oncoming traffic. He indicated that he called IDOT about three weeks ago to report the problem and has not seen any correction. He hoped that the village would also call IDOT and report the problem.

**Jay Langfelder, 1665 Penny Lane**

Mr. Langfelder stated that he was concerned about the mutual aid agreement between Hanover Township Emergency Services and the Village of Bartlett. The village has been using the Hanover Township Emergency Services to direct traffic in emergency situations. He has experienced the professionalism and service integrity of the Bartlett Police Department, Bartlett Fire District, Park District and Library. Services and employees provided have been professional and knowledgeable in these circumstances. Services and training are provided by the generous taxpayers of Bartlett. Based on the agreement, Hanover Township Emergency Services would be allowed in Bartlett in emergency situations. He questioned who is paying for this service and why are we allowing another taxing body to service the Village of Bartlett when we have other professional organizations to come to their aid. For example, Streamwood Police Department, West Chicago Police Department, Hanover Park Police Department, Wayne Police Department, the Sheriffs County of DuPage and the Cook County Sheriff's Department. They have been properly trained in these emergency situations. As a concerned citizen, he has deep respect for the board and the duties it holds. Community safety is a major concern but using these services opens the Village of Bartlett to a major liability to the public. Under Worker's Compensation if an emergency service worker gets hurt in the line of duty while directing traffic or accidentally running into a minivan full of children, who is on the hook for that liability? As a former board member of the Bartlett Fire District, they did not use the Hanover Township Emergency Services - why not the Village of Bartlett?

12. STANDING COMMITTEE REPORTS

A. BUILDING & ZONING COMMITTEE, CHAIRMAN HOPKINS

Trustee Hopkins stated that there was no report.



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B. COMMUNITY & ECONOMIC DEVELOPMENT COMMITTEE, CHAIRMAN GABRENYA

Trustee Gabrenya stated that there was no report.

C. FINANCE & GOLF COMMITTEE, CHAIRMAN DEYNE

Trustee Deyne stated that they have an Alternative #1 and Alternative #2 regarding the issuance of General Obligation bonds that was postponed from the October 15, 2019 meeting since three of the trustees were missing.

Trustee Deyne presented the two alternatives:

1. Consideration and action on an ordinance providing for the issue of not to exceed \$15,000,000 General Obligation Bonds, Series 2019, for the purpose of financing various capital improvements and refunding certain outstanding bonds of the Village, providing for the levy of taxes to pay said bonds, and providing for the sale of said bonds to the purchaser thereof **[ALTERNATIVE #1]**
2. Consideration and action on an ordinance providing for the issue of not to exceed \$6,500,000 General Obligation Refunding Bonds, Series 2019, for the purpose of refunding certain outstanding bonds of the Village, providing for the levy of taxes to pay said bonds, and providing for the sale of said bonds to the purchaser thereof **[ALTERNATIVE #2]**

Trustee Deyne moved to approve (Alternative #1) Ordinance 2019-87, Consideration and action on an ordinance providing for the issue of not to exceed \$15,000,000 General Obligation Bonds, Series 2019, for the purpose of financing various capital improvements and refunding certain outstanding bonds of the Village, providing for the levy of taxes to pay said bonds, and providing for the sale of said bonds to the purchaser thereof and that motion was seconded by Trustee Camerer.

Finance Director Todd Dowden stated that Alternative #1 is to issue bonds not to exceed \$15,000,000 in par value. The purpose of the bonds would be to finance the Devon Avenue Excess Flow Facility. The estimated cost is \$8,429,000. This project was discussed at the Committee meeting in July and was presented with three alternatives and this was the project determined to be the best route to go. Also included in the \$15,000,000 is refunding the 2009 General Obligation bonds at \$5,695,000. It would be an estimated savings of approximately \$480,000.

President Wallace asked if the rates have dropped even further since the last discussion?

Bond Advisor Dalena Welkomer with Baird Public Finance stated that the savings was about \$530,000 when this was ran when rates were at an all-time low in August. Since



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then they have seen a 10-30 basis point increase in rates. On the short end of the curve, which is where the refunding maturities fall, it has been a little bit tighter. She estimated the savings to be around \$400,000 gross which is very attractive and well above the GFOA recommended threshold.

Trustee Hopkins stated that he appreciated staff meeting with him and answering his many questions. He stated that he did not necessarily agree with the direction they were going, he thought the sewers have aged quite a bit over the years and he would be voting "no" on this ordinance. He indicated that he had some documents he wanted to introduce into the minutes that he obtained from MWRD. He encouraged his fellow board members to review those documents and learn about the sewer. His discussions will happen when we review the sewer rates in March.

President Wallace stated that he went through those documents and there wasn't anything in there that would change the way that he feels about what we are doing now primarily with the rate environment and everything else involved. The board will get a chance to read through them before budgeting and what they're talking about is equitable funding.

**ROLL CALL VOTE TO APPROVE ORDINANCE 2019-87, ISSUANCE OF GENERAL OBLIGATION BONDS NOT TO EXCEED \$15,000,000 FOR VARIOUS CAPITAL IMPROVEMENTS AND REFUNDING OUTSTANDING BONDS**

AYES: Trustees Camerer, Carbonaro, Deyne, Gabrenya, Reinke

NAYS: Trustee Hopkins

ABSENT: None

**MOTION CARRIED**

Trustee Deyne stated that the 2019 Estimated Property Tax Levy and Resolution 2019-89-R, a Resolution Approving of Disbursement Request for Payout No. 12 from the Subordinate Lien Tax Increment Revenue Note, Series 2016 for the Elmhurst Chicago Stone Bartlett Quarry Redevelopment Project were covered and approved under the Consent Agenda.

**D. LICENSE & ORDINANCE COMMITTEE, CHAIRMAN REINKE**

Trustee Reinke stated that Resolution 2019-90-R, Executive Session Minutes Review was covered and approved under the Consent Agenda.



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E. POLICE & HEALTH COMMITTEE, CHAIRMAN CARBONARO

Trustee Carbonaro presented Resolution 2019-88-R, a Resolution Approving of an Intergovernmental Mutual Aid Agreement Between the Village of Bartlett Police Department and Hanover Township Emergency Services Department.

Trustee Carbonaro moved to approve Resolution 2019-88-R, a Resolution Approving of an Intergovernmental Mutual Aid Agreement Between the Village of Bartlett Police Department and Hanover Township Emergency Services Department and that motion was seconded by Trustee Deyne.

Trustee Carbonaro asked the Chief to address some of the insurance and liability questions and would this be an additional problem for us since it seems to be a main concern.

Police Chief Patrick Ullrich stated that with a Mutual Aid Agreement, they have to maintain their own insurance as well as indemnification. He thought the village was covered from that standpoint.

Trustee Camerer asked if they were sure that in a situation where one of the Township workers were injured, the village would not be liable?

Chief Ullrich stated that unless it is a negligent or willful wanton act on our part that causes that injury, he thought that their insurance would cover it.

Village Attorney Bryan Mraz stated that there is indemnification provisions in the Mutual Aid Act and as long as it is not gross negligence or willful or wanton conduct, we are covered. He stated that there are immunities built into the Act and unless you have those gross negligent type things, we won't be liable to third parties. He stated that they can help us in emergencies and they would be covered and we would be immune to the liability under the Act, while they're providing those emergency services.

Chief Ullrich stated that they are limiting them to emergency situations only.

Several scenarios were discussed regarding liability situations.

President Wallace stated that essentially what this is doing is putting parameters around something that has no parameters right now.

Trustee Hopkins brought up the fact that other police departments providing mutual aid are accredited and have decades of reputation. Hanover Township Emergency Services has only been around since 2006.



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Chief Ullrich stated that in the scenario where there was a heavy traffic accident, his staff is busy tending to the people involved, trying to make notifications, going to the hospital, etc. a lot of times he has 4-5 officers on the street. I have to find other people to control the scene. When the accident reconstruction team comes in, it is a 3-4 hour process to staff. Sometimes they have to call additional officers which involves overtime. Calling for mutual aid from another agency like Elgin, Streamwood or Hanover Park is sending their staff off of the street, and they are questioning why we don't use Hanover Township which is right in the same town.

He stated that this all started back in May of 2018, when they had a missing autistic child. It was cold and dark out and in a swamp area. His staff was worried that if they didn't find him something bad would happen. They called for helicopters which could not help because of the weather, drones, canines, mutual aid from other departments and still did not have enough people. They got to the point where they questioned if they should use Hanover Park Emergency Services to help in the search. They have ATV's and personnel. The last thing he wanted to do was explain to somebody that they did not use every resource possible to try to find their missing child. They did not have a policy to address this and that is what got them to this point. We should be talking about doing everything that they can do in an emergency to make sure that his staff has enough people to deal with these kinds of situations. They have used Hanover Township for serious traffic accidents on some gas leaks where roads were closed for long periods of time. His experience with them is that they have been professional and have done a good job with no issues. He would not be asking for this if he didn't think it would benefit the village and help his staff do what they need to do when these incidents happen.

Attorney Mraz stated that Trustee Reinke raised the need for a formal agreement and he agreed that this requires a Mutual Aid Agreement to provide those immunities.

Trustee Gabrenya stated that Trustee Hopkins had a similar question and concern regarding their Cook County tax bills. The line item for Hanover Township Emergency Services has continued to rise since its inception. Her concern as a taxpayer is that if we are asking them to do more, will they then believe that they need to buy more? If it is simply the traffic control and ancillary assistance, she does not see that. If they are told that in the case of an emergency, it is every man, woman and piece of equipment, does that then give them the inspiration to buy a drone and do other things that we already have that then become redundant.

Village Administrator Paula Schumacher stated that she would not want to speak on behalf of another taxing district and whether or not they would raise their rates. She stated that the police have very specifically laid out their request for emergency relief.

Chief Ullrich stated that they have a mutual aid order and he created a specific section for Hanover Township Emergency Services. He limited it to the following emergency



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situations: assisting with traffic for serious traffic, gas leaks, downed wires, etc., when roads are expected to be closed for extended periods of time. They would not be calling them out for every traffic crash - only when the roadways would be shut down for long periods of time. To assist with a search for missing persons or assist with a natural disaster. In the event an emergency or natural disaster requires extra equipment, we can contact them to request equipment that will aid our response to the emergency room national disaster. Types of equipment that they already have that could be requested include lights, pumps, generators, all-terrain vehicles, etc. We will not be contacting them to assist with traffic control or assistance at community events because that falls outside of the emergency management act. Use of Hanover Township Emergency Services is limited to emergency situations only. In the event of an emergency or natural disaster, where they are requested to provide assistance, Hanover Township Emergency Services will assume a support role to the police department. The police department and Bartlett Fire Protection District, if unified command is established, will remain operational logistic control. Any natural disaster, emergency or missing person incident that would require technical rescue or medical attention shall remain the primary responsibility of the Bartlett Fire Protection District. Hanover Township Emergency Services shall not be used in these instances for technical rescue or medical attention other than basic first aid. In the event of an emergency or natural disaster requires evacuation and/or door-to-door notification to residents, these responsibilities will be handled by law enforcement or Fire personnel only. He felt that this addresses concerns that Trustee Gabrenya might have and really limits our use to specific emergency situations and delegates them to a support role which will maintain operational and logistical control as well as the Fire District.

Trustee Deyne asked if when they call in Streamwood or Hanover Park and they have to respond, do we have to pay for those services.

Chief Ullrich stated "no".

Trustee Deyne stated that he felt that the benefits explained this evening far outweigh the risk involved. This is a service that works in a number of different communities and has operated in these communities successfully with no liability issues. If the Chief is asking for some assistance he felt it was the responsibility of this board to trust in his judgment and believe what he is telling us and approve this agreement.

Trustee Reinke stated that he does not support the policy of using them and trusts the Bartlett Police Department. He wanted to make sure that this was not a vehicle to use them more often. Orders can be changed over time and you can't find your successor. This can be changed and you don't know what the future can hold.

President Wallace stated that it is not in order to use them more, it is about having a fence around when we do and how we do. It actually limits our liability. As crazy as our world is right now all hell breaks loose at the high school or one of the churches around here, it



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is going to be all hands-on deck and you are going to want to have the additional manpower.

ROLL CALL VOTE TO APPROVE RESOLUTION 2019-88-R, APPROVING AN INTERGOVERNMENTAL MUTUAL AID AGREEMENT WITH HANOVER TOWNSHIP EMERGENCY SERVICES

AYES: Trustees Camerer, Carbonaro, Deyne, Gabrenya

NAYS: Trustees Hopkins, Reinke

ABSENT: None

MOTION CARRIED

F. PUBLIC WORKS COMMITTEE, CHAIRMAN CAMERER

Trustee Camerer stated that Apple Orchard Pump Station Upgrade Project (Rejection of Bids); Resolution 2019-91-R, Awarding the 2019-20 Bulk Road Salt Purchase Between the Village of Bartlett and Compass Minerals America, Inc.; Ordinance 2019-92, an Ordinance Amending the Bartlett Municipal Code Section 6-11-1303.1: Schedule V, No Parking Zones were covered and approved under the Consent Agenda.

13. NEW BUSINESS

President Wallace asked about the Christmas lights in the downtown.

Public Works Director Dan Dinges stated they actually started hanging lights today. They have started at the Depot Museum and will be complete by the end of the week.

14. QUESTION/ANSWER PRESIDENT & TRUSTEES - None

15. ADJOURN TO COMMITTEE OF THE WHOLE MEETING

President Wallace stated that the Board will be going into the Committee of the Whole meeting immediately following the close of this meeting. At the close of that meeting they will be going into Executive Session to Discuss Collective Negotiation Matters Pursuant to Section 2(c)2 of the Open Meetings Act as well as to Discuss Personnel, Pursuant to Section 2(c)1 of the Open Meetings Act.

There being no further business to discuss, Trustee Camerer moved to adjourn the regular Board meeting and that motion was seconded by Trustee Hopkins.



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ROLL CALL VOTE TO ADJOURN

AYES: Trustees Camerer, Carbonaro, Deyne, Gabrenya, Hopkins, Reinke

NAYS: None

ABSENT: None

MOTION CARRIED

The meeting was adjourned at 7:41 p.m.

A handwritten signature in cursive script, which appears to read 'Lorna Giles'.

Lorna Giles  
Village Clerk

*Protecting Our Water Environment*

BOARD OF COMMISSIONERS

Mariyana T. Spyropoulos  
*President*  
Barbara J. McGowan  
*Vice President*  
Frank Avila  
*Chairman of Finance*  
Timothy Bradford  
Martin J. Durkan  
Josina Morita  
Debra Shore  
Kari K. Steele  
David J. Walsh

**Metropolitan Water Reclamation District of Greater Chicago**

100 EAST ERIE STREET CHICAGO, ILLINOIS 60611-3154 312.751.5600

February 27, 2017

Mr. Dan Dinges, P.E.  
Public Works Director  
Village of Bartlett  
228 South Main Street  
Bartlett, IL 60103

Dear Mr. Dinges:

SUBJECT: MWRD Permit Revision: RL 17-003  
Previous Permit Revision: RL 03-063  
MWRD Permit No: 84-091  
Name of Project: Lift Station Diversion Structure Modifications

The documents described below have been received and reviewed by this office and are hereby made a part of the subject permit. Acceptance of these documents shall not alter the conditions of the permit, nor shall it affect previously submitted permit documents, which are not in conflict with these documents. Transmitted herewith for your records is a copy of the documents annotated with the permit number.

Documents submitted by: Mr. Robert Allen, P.E.  
Village of Bartlett  
228 South Main Street  
Bartlett, IL 60103

Revised Plan Sheets: Exhibit B: Existing Diversion Structure; REV 1/30/17  
Exhibit C: Proposed Modifications to Diversion Structure; REV 1/30/17  
Exhibit B: Sanitary Sewer & Excess Flow Facility Overview; REV 1/30/17

This revision incorporates the following modifications to the work approved earlier under MWRD Permit No. 84-091 and RL 03-063:

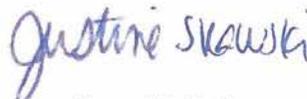
1. The existing flow restrictor is now removed.
2. This permit revision is issued subject to the terms of the Sewer Service Agreement between the Village of Bartlett and the MWRD, dated March 4, 1971, and the amended Agreement dated December 6, 2016, which are made a part of this permit revision and the original permit.

3. The Village shall contact the MWRD Local Sewer Systems Section Field Office at least two (2) working days prior to the commencement of work (call 708-588-4055).
4. The Village shall notify the Maintenance & Operations (M&O) Department of the MWRD prior to the removal of the restrictor structure to allow M&O to verify the work being performed. Contact Steve Whitehead at (708) 588-4080.
5. The MWRD shall not be held liable for diversion of any or all flows to the Village due to unforeseen equipment breakdowns or utility interruptions.
6. On dates mutually agreed on by both parties, the Village agrees to allow the MWRD to divert all flows to the Village to allow for pump station maintenance and improvements. Maintenance and improvements may include replacing the suction and discharge valves on each pump, replacing the existing pumps with chopper pumps, removing the existing grinder, and replacing the existing bar screens.
7. The Village shall be responsible for the re-installment of the restrictor prior to the expiration of the amended Agreement on January 1, 2020 and it shall be scheduled with the Maintenance & Operations (M&O) Department in advance to allow M&O to verify the work being performed. Contact Steve Whitehead at (708) 588-4080.

The Co-Permittee must contact the MWRD Local Sewer Systems Section Field Office at (708) 588-4055 at least two (2) working days prior to the commencement of any work. Construction and inspection of the proposed work under this revision must be completed within one (1) year from the date of this revision letter; otherwise, this revision approval will be considered expired and a new revision or permit application may be required.

If you have any questions, please call Mr. Adam Witek at (312) 751-4449.

Very truly yours,



Justine Skawski, P.E.  
Principal Civil Engineer

AW  
AW

Enclosures

cc: Mr. Robert Allen, P.E.  
Village of Bartlett  
Mr. Steve Whitehead  
MWRD

INTEROFFICE MEMORANDUM

**Metropolitan Water Reclamation District of Greater Chicago**

DEPARTMENT: Maintenance and Operations

DATE: February 16, 2017

To: Catherine A. O'Connor, Director of Engineering

From: John P. Murray, Director of Maintenance and Operations

Subject: MWRD Permit No. 84-091, Revision No. 17-003  
Excess Storage Facility – Restrictor Removal  
Devon Avenue and Berteau Avenue  
Village of Bartlett

Reference is made to your memorandum dated February 2, 2017, regarding a revision to the original permit to the Village of Bartlett (Village) to temporarily removing the 6" restrictor. We have no objection to removing the restrictor to allow the Village to come into compliance with their NPDES permit. However, we would like the following verbiage added to the permit:

1. The Village shall contact Steve Whitehead at 708-588-4080 prior to the removal of the restrictor to allow him to verify the work performed.
2. The Village shall be responsible for re-installing the restrictor prior to the expiration of the amended Sewer Service Agreement on January 1, 2020. This work shall also be scheduled with the District in advance to verify the work.
3. The District shall not be held liable for diversion of any or all flows to the Village due to unforeseen equipment breakdowns or utility interruptions.
4. On dates mutually agreed on by both parties, the Village agrees to allow the District to divert all flows to the Village to allow for pump station maintenance and improvements. Maintenance and improvements may include replacing the suction and discharge valves on each pump, replacing the existing pumps with chopper pumps, removing the existing grinder, and replacing the existing bar screens.

Please contact Steve Whitehead at extension 8-4080 for additional information.

John P.  
Director of Maintenance and Operations

*BAP EJS*  
BAP: EJS:

Cc: Sergio Serafino, North Area  
John Lazicki, HPWRP

# REQUEST FOR COMMENTS

**From:** Local Sewer Systems Section

**Date:** February 1, 2017

**Project:** Permit No. 84-091, Revision No. 17-003  
Excess Storage Facility – Restrictor Removal  
Devon Avenue and Berteau Avenue  
Village of Bartlett

**Request:** Please review the removal of the 8 inch diameter flow restrictor and provide any comments or objections. The flow restrictor was originally approved under Revision No. 03-063. The removal of the flow restrictor is part of the amended agreement between the Village of Bartlett and the District. The project narrative, proposed plans and an amended agreement are attached. A scanned copy of attachments is available at \\Cluster2\Eng\Local Sewer Section Shared\Local\_Sewer\_Section\_Shared\_Permit\_Documents\RL 17-003.

Your comments are requested. Please indicate approval or rejection, and return to the Local Sewer Systems Section by: February 8, 2016

To:	Date Received	Date Forwarded	Comments
Mr. Kevin Fitzpatrick COLFAC	2/1/17	2/1/17	No comments. MTO to review also. -WPK

- Please:**
- (1) Act on the attached promptly.
  - (2) Last review section, please forward to the Local Sewer Systems Section for further action.
  - (3) Please contact A. Wite at ext. 1-4449, if you have any questions

Thank You.

**AMENDMENT TO SEWER SERVICE AGREEMENT WITH  
BARTLETT, ILLINOIS**

THIS AMENDMENT TO A SEWER SERVICE AGREEMENT WITH BARTLETT, ILLINOIS, made and entered into this 6<sup>th</sup> day of December 2016, at Chicago, Illinois, by and between the **VILLAGE OF BARTLETT**, a municipal corporation, organized and existing under the laws of the State of Illinois, hereinafter designated the “VILLAGE”, and the **METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO**, a municipal corporation, organized and existing under the laws of the State of Illinois, hereinafter designated the “DISTRICT”. (For convenience, the DISTRICT and the VILLAGE may be referred to collectively as the “PARTIES”.)

**WITNESSETH THAT:**

WHEREAS, the DISTRICT and the VILLAGE have heretofore entered into an agreement dated March 4, 1971 (“Agreement”), in which the VILLAGE agreed to install a weir in a sewer owned by the VILLAGE leading to the Bartlett Sewage Treatment Works; and

WHEREAS, the weir was to be set at a position which would allow the DISTRICT to accept one and a half times the average dry weather flow from the VILLAGE’S sewers in the Cook County area of the VILLAGE to the DISTRICT for treatment; and

WHEREAS, the VILLAGE agreed to assume the responsibility for treating all flows in excess of those diverted to the DISTRICT; and

WHEREAS, the weir was replaced with a diversion structure with a restrictor pipe; and

WHEREAS, in 2004, the VILLAGE increased the size of the restrictor to divert more flow to the DISTRICT to account for new development pursuant to District Sewerage System Permit 84-091 (RL 03-063), which allowed for major modifications to the diversion structure controlling the flow to the DISTRICT lift station (“2004 Restrictor Modifications”); and

WHEREAS, on June 13, 2016, the VILLAGE has been cited by the Illinois Environmental Protection Agency (“IEPA”) as a result of increased flow to the VILLAGE’S Devon Excess Flow Facility and found to be in violation of NPDES Permit No. IL0027618; and

WHEREAS, the VILLAGE is in need of a temporary diversion plan to allow it to come into compliance with NPDES Permit No. IL0027618 while researching and implementing a permanent solution to meeting the NPDES permit limits; and

WHEREAS, the DISTRICT's Bartlett Pumping Station has the capability to handle the flow from the VILLAGE's sewers in the Cook County area of the VILLAGE; and

WHEREAS, the parties hereto agree that the most expeditious and effective manner for the VILLAGE to immediately come into compliance with NPDES Permit No. IL0027618 is to amend the Agreement to allow the DISTRICT to accept additional flows from the VILLAGE.

NOW THEREFORE in consideration of the promises, mutual covenants, and agreements herein contained, it is agreed by and between the parties as follows:

1. The DISTRICT agrees to accept discharge of all flows tributary to the Devon Excess Flow Facility. Said flows shall not be in excess of the current capacity of the Bartlett Pumping Station as determined by the DISTRICT. If the flow at any time exceeds the capacity of the Bartlett Pumping Station, the flow will be diverted back to the Devon Excess Flow Facility. Current operating procedures for monitoring and notification will remain in effect.
2. The DISTRICT is only accepting flows which originate in the Cook County portion of the VILLAGE.
3. The VILLAGE shall apply for a modification to the existing Sewerage System Permit 84-091 (RL 03-063).
4. The VILLAGE shall remove the restrictor in the sewer leading to the Bartlett Sewage Treatment Works no sooner than February 28, 2017.
5. The restrictor shall be replaced by the Village in the sewer no later than January 1, 2020. The size and type of restrictor to be replaced shall be in strict accordance with the 2004 Restrictor Modifications unless prior to said date the DISTRICT, in its sole and absolute discretion, has issued a more current sewerage system permit approving of a different diversion structure(s) set at a position which will allow the DISTRICT to accept not more than one and a half (1.5) times the current dry weather flow from the VILLAGE'S sewers in the Cook County area of the

VILLAGE, based on date and design hereafter submitted by the VILLAGE to the DISTRICT.

6. By entering into this Amendment, the DISTRICT does not warrant or otherwise guarantee that it will accept sufficient flows to bring the VILLAGE into compliance with NPDES Permit No. IL0027618. While the DISTRICT agrees to accept as much flow as possible, the PARTIES recognize that there may be times when the flow which the DISTRICT has the capacity to process is not sufficient to handle all of the flows from the Cook County area of the VILLAGE.
7. This Amendment to the Sewer Service Agreement with the VILLAGE shall expire on January 1, 2020, at which time the terms of the original Agreement dated March 4, 1971 shall control.
8. All other provisions of the Agreement dated March 4, 1971 not specifically mentioned herein shall remain in full force and effect.

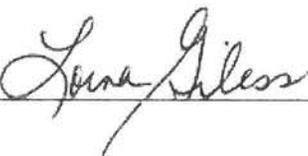
*SIGNATORY PAGE FOLLOWS*

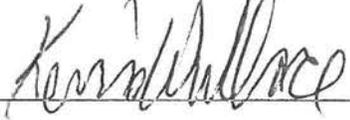
SIGNATORY PAGE

IN WITNESS WHEREOF, the VILLAGE OF BARTLETT and the METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO, the parties hereto, have each caused these presents to be executed in triplicate, by their duly authorized officers to be duly attested and their seals to be hereunto affixed.

ATTEST:

VILLAGE OF BARTLETT

By: 

By: 

Date: 12-7-16

Date: 12-7-16

APPROVED FOR THE VILLAGE OF BARTLETT

AS TO ENGINEERING:

  
Village Engineer

Date: 12/2/16

AS TO FORM AND LEGALITY:

  
Village Attorney

Date: 12-2-2016

CONTINUED ON NEXT PAGE

ATTEST:

METROPOLITAN WATER RECLAMATION  
DISTRICT OF GREATER CHICAGO

By: Jaqueline Torres  
Clerk

By: Frank Pol  
Chairman, Committee on Finance of the  
Board of Commissioners

Date: 1.4.17

Date: 1.4.17

APPROVED FOR THE METROPOLITAN WATER RECLAMATION DISTRICT OF  
GREATER CHICAGO

AS TO ENGINEERING:

John  
Engineer of Local Sewers

William Sheiff  
Assistant Director of Engineering

Catherine A. O'Connor  
Director of Engineering

AS TO FORM AND LEGALITY:

Isabellus Draper  
Head Assistant Attorney

Ronald M. Hill  
General Counsel

APPROVED:

David St Pierre  
Executive Director

Date: 12/28/16

**RESOLUTION 2016-93-R**

**A RESOLUTION APPROVING THE AMENDMENT TO THE SEWER SERVICE  
AGREEMENT BETWEEN  
THE VILLAGE OF BARTLETT  
AND  
THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO**

---

**BE IT RESOLVED** by the President and Board of Trustees of the Village of Bartlett, Cook, DuPage and Kane Counties, Illinois, as follows:

**SECTION ONE:** The agreement is for the District to accept additional flow tributary to the Devon Excess Flow Facility until January 1, 2020.

**SECTION TWO:** The Agreement dated December 6, 2016, between the Metropolitan Water Reclamation District of Greater Chicago and the Village of Bartlett (the "Agreement"), a copy of which is appended hereto and expressly incorporated herein by this reference, is hereby approved.

**SECTION THREE:** That the Village President and the Village Clerk are hereby authorized and directed to sign and attest, respectively, the Agreement on behalf of the Village of Bartlett.

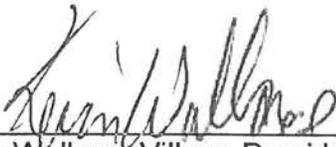
**SECTION FOUR: SEVERABILITY.** The various provisions of this Resolution are to be considered as severable, and of any part or portion of this Resolution shall be held invalid by any Court of competent jurisdiction, such decision shall not affect the validity of the remaining provisions of this Resolution.

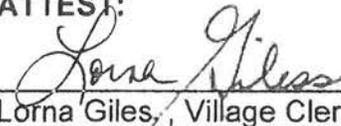
**SECTION FIVE: REPEAL OF PRIOR RESOLUTIONS.** All prior Ordinances and Resolutions in conflict or inconsistent herewith are hereby expressly repealed only to the extent of such conflict or inconsistency.

**SECTION SIX: EFFECTIVE DATE.** This Resolution shall be in full force and effect upon passage and approval.

**ROLL CALL VOTE:**

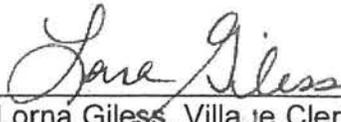
**AYES:** Trustees Arends, Camerer, Carbonaro, Deyne, Hopkins, Reinke  
**NAYS:** None  
**ABSENT:** None  
**PASSED:** December 6, 2016  
**APPROVED:** December 6, 2016

  
\_\_\_\_\_  
Kevin Wallace, Village President

**ATTEST:**  
  
\_\_\_\_\_  
Lorna Giles, Village Clerk

**CERTIFICATION**

I, Lorna Giles, do hereby certify that I am the Village Clerk of the Village of Bartlett, Cook, DuPage and Kane Counties, Illinois, and that the foregoing is a true, complete and exact copy of Resolution 2016-93-R enacted on December 6, 2016 and approved on December 6, 2016 as the same appears from the official records of the Village of Bartlett.

  
\_\_\_\_\_  
Lorna Giles, Village Clerk





THE VILLAGE OF  
**BARTLETT**

228 S. MAIN STREET  
BARTLETT, ILLINOIS 60103  
PHONE 630.837.0800  
FAX 630.837.7168  
www.village.bartlett.il.us

VILLAGE PRESIDENT  
Kevin Wallace

ADMINISTRATOR  
Valerie L. Salmons

VILLAGE CLERK  
Lorna Giles

TRUSTEES  
T. L. Arends  
Michael E. Camerer D.C.  
Vince Carbonaro  
Raymond H. Deyne  
Adam J. Hopkins  
Aaron H. Reinke

January 23, 2017,

Justine Skawksi  
Engineering Department – Local Sewer Systems Section  
Metropolitan Water Reclamation District of Greater Chicago  
111 East Erie Street  
Chicago, IL 60611-2893

Re: Request for Revisions, Permit No. 84-091

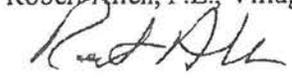
Dear Justine:

Per the amended agreement between Metropolitan Water Reclamation District of Greater Chicago and the Village of Bartlett. The Village will be removing the restrictor from the Devon Excess Flow Facility in Bartlett for the time period of March 1, 2017 thru March 1, 2020. The Village is grateful for MWRD's cooperation in this matter as we provide updates to our treatment facility. Attached is a picture of the restrictor detail to be removed. Any questions, please contact Dan Dinges at (630) 837-0811.

Sincerely,

Dan Dinges, P.E., Public Works Director

  
Robert Allen, P.E., Village Engineer

  
John Pullia, Wastewater Supervisor

Cc: Frederick Wu

INTEROFFICE MEMORANDUM

Metropolitan Water Reclamation District of Greater Chicago

DEPARTMENT: ENGINEERING

DATE: February 2, 2017

TO: John P. Murray  
Director of Maintenance and Operations

FROM: Catherine A. O'Connor *CAO'Connor*  
Director of Engineering

SUBJECT: MWRD Permit No. 84-091, Revision No. 17-003  
Excess Storage Facility – Restrictor Removal  
Devon Avenue and Berteau Avenue  
Village of Bartlett

Attached is a project narrative, proposed plans and an amended agreement for Permit No. 84-091, Revision No. 17-003. The proposed plan includes the removal of the 8-inch diameter flow restrictor originally approved under Revision No. 03-063. The removal of the flow restrictor is part of the amended agreement between the Village of Bartlett and the District.

A scanned copy of the project narrative, proposed plans and amended agreement are located at \\Cluster2\Eng\Local Sewer Section Shared\Local\_Sewer\_Section\_Shared\_Permit\_Documents\RL 17-003.

We request your Department's review and comment on any potential impacts to our sewers and our facilities. If comments are not received within fifteen (15) working days from the date on this memorandum, it will be concluded that you have no comments, and therefore, the permit may be issued.

Please contact Adam Witek at (312) 751-4449 if you require further information.

WSS/JK/JBS/op  
Attachments

THE VILLAGE OF  
**BARTLETT**

228 S. MAIN STREET  
BARTLETT, ILLINOIS 60103  
PHONE 630.837.0800  
FAX 630.837.7168  
www.village.bartlett.il.us

VILLAGE PRESIDENT  
Kevin Wallace

ADMINISTRATOR  
Valerie L. Salmons

VILLAGE CLERK  
Lorna Giles

TRUSTEES  
T. L. Arends  
Michael E. Camerer D.C.  
Vince Carbonaro  
Raymond H. Deyne  
Adam J. Hopkins  
Aaron H. Reinke

January 23, 2017,

Justine Skawksi  
Engineering Department – Local Sewer Systems Section  
Metropolitan Water Reclamation District of Greater Chicago  
111 East Erie Street  
Chicago, IL 60611-2893

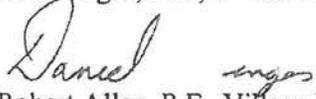
**Re: Request for Revisions, Permit No. 84-091**

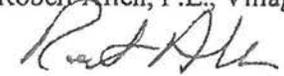
Dear Justine:

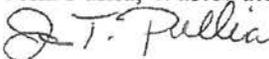
Per the amended agreement between Metropolitan Water Reclamation District of Greater Chicago and the Village of Bartlett. The Village will be removing the restrictor from the Devon Excess Flow Facility in Bartlett for the time period of March 1, 2017 thru March 1, 2020. The Village is grateful for MWRD's cooperation in this matter as we provide updates to our treatment facility. Attached is a picture of the restrictor detail to be removed. Any questions, please contact Dan Dinges at (630) 837-0811.

Sincerely,

Dan Dinges, P.E., Public Works Director

  
Robert Allen, P.E., Village Engineer

  
John Pullia, Wastewater Supervisor



Cc: Frederick Wu

JK 785

**ROUTING SLIP**  
**ENGINEERING DEPARTMENT**

**SUBJECT:** MWRD Permit No. 84-091, Revision No. 17-003 Excess Storage Facility-Restrictor Removal, Devon Avenue and Berbeau Avenue, Village of Bartlett      **DATE:** 1/30/17

**DESCRIPTION OF DOCUMENT:** Memo to John P. Murray      **DATE ON DOCUMENT:** 2/2/17

**ORIGINATING SECTION:** Local Sewer Systems      **SECTION NO:** 516

<u>Routing Order</u>	<u>Route In The Order Shown To Division/Department &amp; Name</u>	<u>Action Re uired*</u>	<u>Initials In This Column</u>	<u>Date Forwarded</u>
1.	Local Sewer Systems Section	Initials	AWJB	
2.	Assistant Director of Engineering	Initials	WMC	1/30/17
3.	Director of Engineering	Signature	WMC	2/1/17

Comments

Return To: Local Sewer Systems Section

**Instructions:** This transmittal cover must be used by all Divisions of the Engineering Department for all internal memos, routing of external correspondence, PAR's, and Board Letters requiring initials followed by the signature of the Chief Engineer. This cover **must not** be used for File Letters. Routing order to be completed by Section, as applicable. Line out titles and action not involved.

\* Initials = Initial this cover, not the attached document; Signature = Sign the attached document

P:\ABDAT\routing-slip.doc

**Witek, Adam**

---

**From:** Whitehead, Steven  
**Sent:** Thursday, February 16, 2017 8:18 AM  
**To:** Feltes, Daniel; Witek, Adam  
**Cc:** Staudacher, Ed; Serafino, Sergio; Lazicki, John  
**Subject:** Bartlett PS 17-003  
**Attachments:** Bartlett PS 17-003.docx

Dan,  
M&O has reviewed the revised permit for Bartlett PS. Attached is the unsigned copy for your information with our comments. A signed hard copy will be following thru my COC.  
Thanks,  
Steve

**Witek, Adam**

---

**From:** Witek, Adam  
**Sent:** Friday, January 27, 2017 3:05 PM  
**To:** 'Daniel Dinges'  
**Cc:** Skawski, Justine; Feltes, Daniel  
**Subject:** Permit 84-091(RL 03-063) RE: Bartlett Permit Modification Request  
**Attachments:** 1984-0091 (RL 2003-0063).pdf

Mr. Dinges-

Attached is a copy of Permit 84-093; Revision 03-063 for your records. Please submit the following items for the proposed permit revision:

General:

1. Please submit a narrative explaining the proposed project.
2. Please note that the proposed plans and project narrative will be reviewed by our Sewer Design Section and Maintenance & Operations Department. Once reviewed, any comments will be forwarded to you.

Plan Sheet P7 - Exhibit B: Existing Division Structure (PDF page 16):

3. Please call-out and label MWRD's pump station and Bartlett's local manhole containing the weir and restrictor.
4. Include a revision date for the plan sheet.
5. Sign and seal the plan sheet.

Plan Sheet 1 – Exhibit C: Proposed Modifications to Diversion Structure (PDF page 17):

6. Please call-out and label the removal of the restrictor structure.
7. Include a revision date for the plan sheet.
8. Sign and seal the plan sheet.

In order to facilitate turnaround time and review by other sections, please submit the revised drawings and project narrative electronically. A hardcopy can be sent after any comments are incorporated.

Please contact me if you have any questions.

Adam Witek, P.E.  
Senior Civil Engineer  
MWRDGC  
111 East Erie Street, 6<sup>th</sup> Floor  
Chicago, IL 60611  
P: 312-751-4449

**From:** Daniel Dinges [mailto:ddinges@vbartlett.org]  
**Sent:** Tuesday, January 24, 2017 4:14 PM  
**To:** Witek, Adam <WitekA@mwr.org>  
**Subject:** Bartlett Permit Modification Request

Hello Adam,

Thank you for reaching out in regards to the restrictor removal permit. Attached is the marked up plan sheet that calls out for the removal of the Restrictor. We were going to include this with a cover page and letter Requesting a modification to our permit.

Let me know what you would like for the permit.

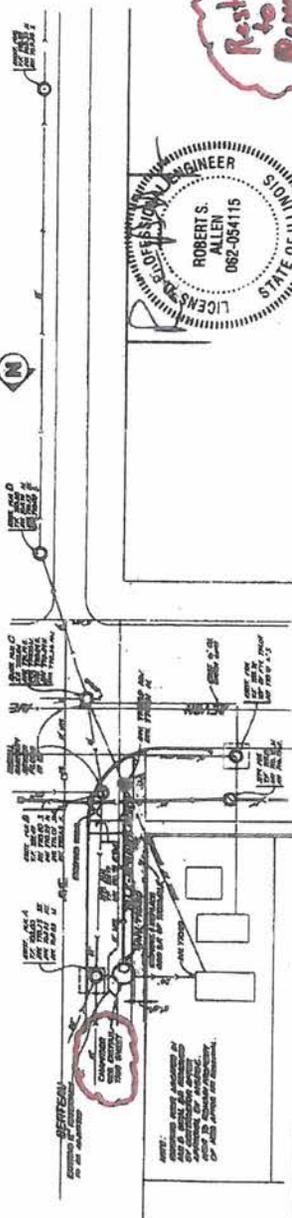
Thanks,  
Dan Dinges  
630-837-0811

PERMIT 84-091 REVISION 17-003

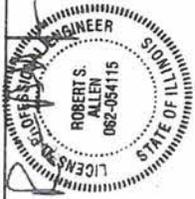
THIS CERTIFICATE THAT THE UNDERSIGNED ENGINEER IS FAMILIAR WITH THE "AS SHOWN" LOCATION OF THE PROPOSED STRUCTURE LOCATED AT THE INTERSECTION OF THE CORNER OF DEVON AND BERTHAU AVENUES IN BARTLETT, ILLINOIS AND THAT THE DRAWING REFLECTS THE ACTUAL FIELD CONDITIONS AS OF APRIL 2, 2001.

DALE V. MARTINDALE, P.E. PWS-0253864  
VILLAGE ENGINEER

DATE

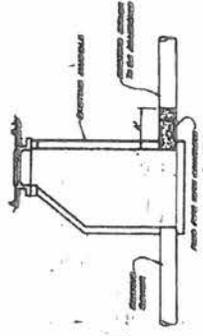


**Restrictor to be by Remedy of Eccentric Restrictor**



NOTE: TO CONVERT ELEVATIONS ON THESE PLANS TO USSS DATUM ADD 3.87 FEET.

ITEM NO.	DESCRIPTION	ELEVATION
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SANITARY SEWER MANHOLE TYPE 1

SANITARY SEWER MANHOLE TYPE 2

SANITARY SEWER MANHOLE TYPE 3

SANITARY SEWER MANHOLE TYPE 4

SANITARY SEWER MANHOLE TYPE 5

SANITARY SEWER MANHOLE TYPE 6

NOTE: PROPOSED ELEVATIONS BASED UPON U.S.S.S. DATUM.

DO NOT REMOVE FROM THIS SET.

ALL DIMENSIONS IN FEET AND INCHES.

SEE SPECIFICATIONS FOR MATERIALS AND CONSTRUCTION.

CONTRACT NO. 03-00-003

REVISED DRAWINGS SUBMITTED ON 2/27/17

PERMIT 84-091

TRUE COPY OF PLANS IN THE WILL METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO SEWERAGE

REVISION 17-003

DATE 4/2/2001

BY DALE V. MARTINDALE, P.E.

PROJECT NO. 03-00-003

DATE 4/2/2001

BY DALE V. MARTINDALE, P.E.

PROJECT NO. 03-00-003

DATE 4/2/2001

BY DALE V. MARTINDALE, P.E.

PROJECT NO. 03-00-003

DATE 4/2/2001

BY DALE V. MARTINDALE, P.E.

TRENCH SECTION IN UNGRADED AREAS

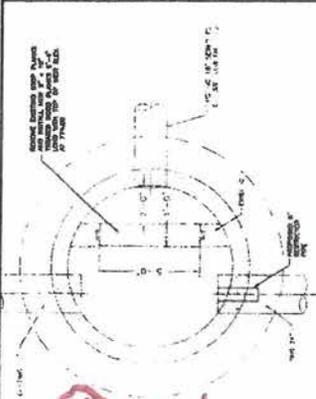
TRENCH SECTION IN GRADED AREAS

SANITARY SEWER MANHOLE

EXISTING LAYERSON CHAMBER SECTION

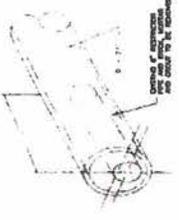
ECCENTRIC RESTRICTOR DETAIL

SANITARY SEWER MANHOLE

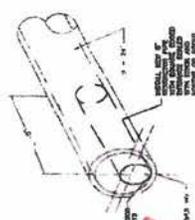
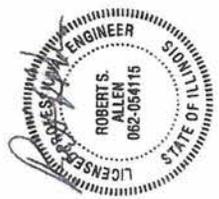


EXISTING DIVERSION CHAMBER PLAN VIEW

**Restrictor to be Removed**

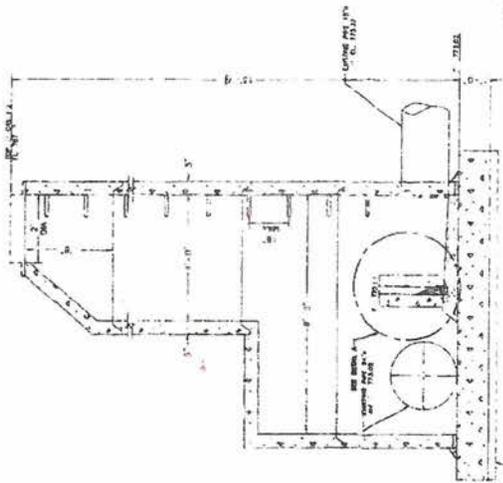


EXISTING RESTRICTOR DETAIL

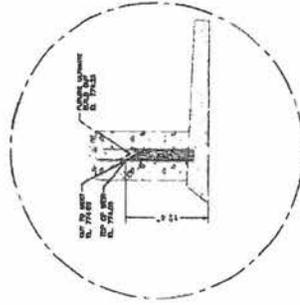


PROPOSED RESTRICTOR DETAIL

**Restrictor to be Removed**



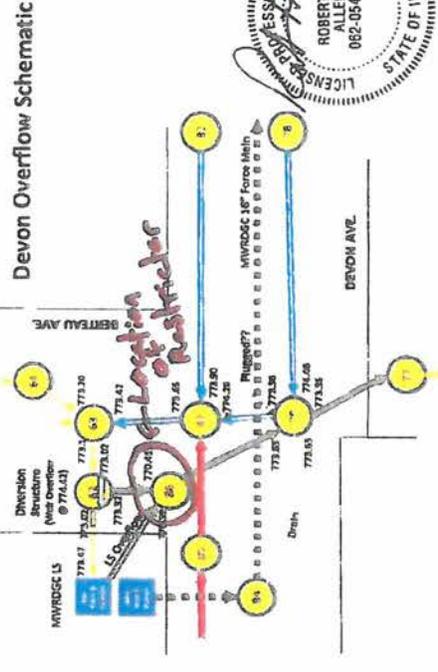
EXISTING DIVERSION CHAMBER SECTION



DETAIL A

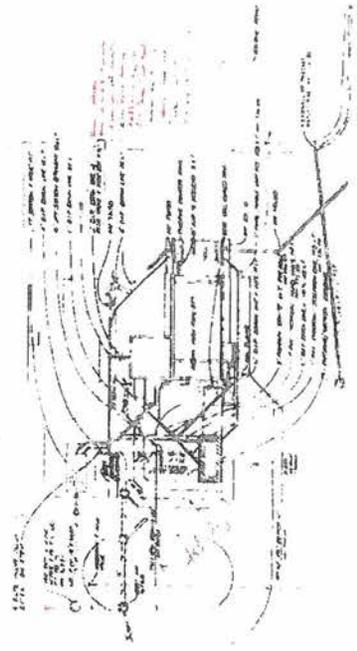
PROJECT NO.		DATE		SCALE		SHEET NO.		TOTAL SHEETS	
172011		2017		1/8\"/>					
<p>EXHIBIT C PROPOSED MODIFICATIONS TO DIVERSION STRUCTURE</p>									
<p>PAVIA-MATTHEO &amp; CO. 200 WEST LAKE AVENUE SUITE 200 LAKE BLUFF, IL 60044 TEL: 847.434.1111 WWW.PAVIAMATTHEO.COM</p>									

- Legend**
- MANHOLE
  - 8" FORCE MAIN
  - 16" FORCE MAIN
  - UNKNOWN SANITARY SEWER
  - 4" SANITARY SEWER
  - 6" SANITARY SEWER
  - 8" SANITARY SEWER
  - 10" SANITARY SEWER
  - 12" SANITARY SEWER
  - 15" SANITARY SEWER
  - 16" SANITARY SEWER
  - 24" SANITARY SEWER



ROBERT S. ALLEN  
062-054115  
LICENSED PROFESSIONAL ENGINEER  
STATE OF ILLINOIS

Devon Excess Flow Facility Schematic



Engineering Enterprises, Inc.  
238 S. Main Street  
Bartlett, IL 60103  
(815) 466-0700 / www.eeinc.com

Village of Bartlett  
238 S. Main Street  
Bartlett, IL 60103

PROJECT NO. DATE REVISIONS

NO. DATE REVISIONS

PROJECT: DEVON EXCESS FLOW FACILITY  
SHEET: 001 OF 002  
DATE: 11/11/11  
DRAWN BY: [Signature]  
CHECKED BY: [Signature]

DEVON EXCESS FLOW FACILITY  
BARTLETT, ILLINOIS

EXHIBIT B  
SANITARY SEWER & EXCESS FLOW FACILITY OVERVIEW

## Protecting Our Water Environment

### BOARD OF COMMISSIONERS

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### Metropolitan Water Reclamation District of Greater Chicago

100 EAST ERIE STREET CHICAGO, ILLINOIS 60611-3154 312-751-5600

FYI: Sobanski/Dalageorgas/Paintel/Michuda/File (2)

June 10, 2004

Mr. Paul Kuester  
Director of Public Works  
Village of Bartlett  
228 S. Main Street  
Bartlett, IL 60103

Dear Mr. Kuester:

SUBJECT: MWRD Sewerage System Permit 84-091 (RL 03-063)  
Devon and Berneau Lift Station Diversion Structure Modifications  
Bartlett, IL

The drawing described below has been received and reviewed by this office and is hereby made a part of the subject permit. Acceptance of this drawing shall not alter the conditions of the permit nor shall it affect previously submitted permit drawings, which are not in conflict with this drawing. Transmitted herewith for your record is a copy of the drawing annotated with the permit number.

Drawing submitted by: Pavia-Marting & Co.  
910 West Lake Street  
Roselle, IL 60172

Drawing identification: Proposed Modifications to Diversion Structure  
Sheet 1 of 1 dated 5/12/2004

#### Remarks:

The above stated drawing is Exhibit C of Pavia-Marting & Company's report dated May 12, 2004, entitled, "Proposed Modifications to the Diversion Structure Controlling Flow to the MWRDGC Lift Station at Devon and Berneau." The aforementioned report is also part of the revision.

The revision allows for the following major modifications to the subject diversion structure.

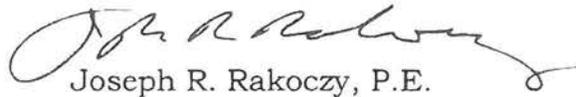
- o Diameter of the restrictor increased from 6-inch to 8-inch
- o The invert elevation of the restrictor shall be set at 773.12 ft.
- o Crest of the overflow weir shall be set at 774.05 ft.

- o This diversion arrangement shall convey 1.148 mgd flow to the MWRD system prior to any overflow to the Village of Bartlett's facility. Breakdown of the current flow to be conveyed to the MWRD system is tabulated below.

Flow Component	Details	Quantity (gpd)
Residential	Population Equivalent =7,328 @ 150 gpcpd	1,099,200
Non Residential	Actual metered water consumption	49,300
	Total	1,148,500

Please note that any changes to the orifice size, placement, entrance lip shape, and/or the weir placement, height, width, crest shape will require written approval by the Chief Engineer of the District.

Very truly yours,



Joseph R. Rakoczy, P.E.  
Supervising Civil Engineer

  
AD:AB

Attachment

cc Mr. Michael N. Young, P.E.  
Pavia-Marting & Co. (w/attachment)

**PROPOSED MODIFICATIONS TO  
THE DIVERSION STRUCTURE CONTROLLING  
FLOW TO THE MWRDGC LIFT STATION  
AT DEVON AND BERTEAU**

**FOR THE  
VILLAGE OF BARTLETT**

**May 12, 2004**

**84-091**

**OFFICE COPY**

ENGINEER....:  
Pavia-Marting & Co.  
910 West Lake Street  
Roselle, IL 60172  
(630) 529-8000

OWNER....:  
Village of Bartlett  
228 South Main Street  
Bartlett, IL 60103  
(630) 837-0800

Project No. 0903FPA

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<u>Item Description</u>	<u>Page No.</u>
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APPENDIX A	2000 RESIDENTIAL CENSUS DATA AND NON-RESIDENTIAL METERED FLOW RATES
APPENDIX B	SUMMARY OF PROPOSED FLOW TO BE ACCEPTED BY THE MWRDGC
APPENDIX C	DISCHARGE RATES AND ELEVATIONS FOR PROPOSED RESTRICTOR AND WEIR

## LIST OF EXHIBITS

EXHIBIT A	AREAS CONTRIBUTING TO THE MWRDGC LIFT STATION, BARTLETT, ILLINOIS
EXHIBIT B	EXISTING DIVERSION STRUCTURE
EXHIBIT C	PROPOSED MODIFICATIONS TO DIVERSION STRUCTURE

# PROPOSED MODIFICATIONS TO THE DIVERSION STRUCTURE CONTROLLING FLOW TO THE MWRDGC LIFT STATION AT DEVON AND BERTEAU

FOR THE  
VILLAGE OF BARTLETT  
MAY 12, 2004

Design Firm Professional Registration #184002376

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## **Purpose**

An existing diversion structure, at Berteau and Devon Avenues, restricts the rate of wastewater flow entering the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC or District) lift station from the eastern Cook County area of the Village of Bartlett (Village). The restrictor was originally sized in 1983/1984 (MWRDGC Permit No. 84-091) and no adjustments to its size have been made since that time. The Village has experienced significant growth since 1984 and has been required to treat daily excess flow from this diversion structure even during dry weather conditions. Therefore, the Village feels it is appropriate to modify the diversion structure to address additional permitted flows.

A previous report had been submitted in 2002 to the District on this issue. The previous report calculated the amount of flow projected at full build-out of the lift station's service area and requested that the diversion structure be modified to handle this flow. However, the District's response letter of January 30, 2003 stated that the diversion structure can only be modified to handle flows that had already been permitted. The report has been revised to only address the additional permitted flows in this area.

## **Existing Agreement**

Under the existing ICAP agreement between the Village and the District, the District is required to treat flow up to 150 gallons per capita per day of residence plus all metered flows from business, commercial, institutional and industrial sites (non-residential flow) within the service area of the District's lift station at Devon and Berteau Avenues. All flows in excess of those amounts will be by-passed and treated by the Village.

Based on the District's response letter of May 3, 2004, the District will accept 150 gallons per capita per day based on the residential population from the 2000 census, plus the metered non-residential flow plus 150 gallons per capita per day for the additional PE permitted by the District since 2000.

## Contributing Area

The area contributing to the sanitary sewer diversion structure consists of the northeast section of the Village located within Cook County. The area is generally north of Devon Avenue, south of Lake Street, west of Prospect Avenue, and east of Route 59. **Exhibit A** provides a more detailed representation of the contributing area.

## Existing Diversion Structure

All waste water enters the diversion structure through a 24-inch pipe on the east side of the diversion chamber. A 24-inch outlet pipe, to the west, discharges to the District's lift station. A 18-inch pipe, to the south, discharges to the Village for treatment. The existing structure includes a restrictor and a weir.

The current method of restricting flow to the District's lift station is by means of a 2-foot long 6-inch diameter pipe inserted inside the 24-inch outlet pipe. This restrictor pipe is sealed in place with brick and mortar or grout. A head is created on this restrictor by a 5-foot long rectangular side discharge weir.

A survey of the diversion structure was made on April 2, 2001 to check the elevation of various elements in the structure. Based on this survey, the existing invert of the 6-inch restrictor pipe is 773.02 and the top of the existing weir is 774.42. The existing invert elevation of the 18-inch pipe discharging excess flows to the Village of Bartlett's excess flow facility is 773.32. An updated drawing of the existing Diversion Structure is provided in **Exhibit B**.

## 2000 Census Data and Development Since 2000

According to the 2000 census data given in **Appendix A**, the residential population in the service area of the lift station in 2000 was 6,048. In addition, a non-residential metered flow of 49,300 gallons per day was identified from Village water billing records as shown in **Appendix A**. Therefore, at 150 gallon per PE per day, the District should have been responsible for the first 956,500 gallons per day in 2000.

Since 2000, five residential permits for an additional PE of 1,280 have been issued by the District for this service. Therefore, it is the opinion of the Village that the District should currently be responsible for the first 1,148,500 gallons per day of flow to the lift station as shown in **Appendix B**. These five areas are shown in their predevelopment state in **Exhibit A**. The only location that had existing buildings that were removed was Area 5 - Bartlett Town Center. The commercial buildings that were on this site were not included in the non-residential metered flow list given in **Appendix A**. Therefore, it is the opinion of the Village that the proposed 1,148,500 gallons per day that would be the responsibility of the District is an accurate representation of existing conditions plus recently permitted flows currently under construction.

## Proposed Diversion Structure Modifications

Based upon the ICAP agreement, it is the opinion of the Village that the existing diversion chamber should be modified so that the first 1,148,500 gpd of waste water flow will go to the MWRDGC lift station and flows in excess of that volume will be diverted to the Village of Bartlett's excess flow treatment facility at 315 Devon Avenue.

The existing restrictor is a 2-foot long section of a 6-inch diameter pipe that is grouted inside the 24-inch discharge pipe to the District's lift station. As shown in **Exhibit C**, the Village is proposing to replace the 6-inch pipe with a 8-inch pipe of similar length as requested in the District's January 30, 2003 letter. The Village is also proposing to replace the weir planks to create a sharp-created weir with an elevation of 774.05. All other piping will remain as it currently exists.

A table summarizing the estimated flow rate calculated at various surface water elevations is given in **Appendix C**. The estimated maximum discharge through the 8-inch restrictor will be 1,151,800 gpd at elevation 774.05, the elevation at which by-pass flows will start to be diverted to the Village's excess flow facility.

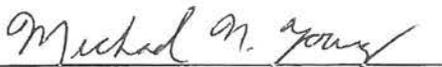
The expected permitted flow when the service area of the District's lift station reaches build-out is 1,327,000 gpd as shown in **Appendix B**. This flow will require an ultimate weir elevation of 774.25. The Village does not anticipate that any changes to the restrictor will be necessary in the future. The Village will formally request changes to the weir elevation when new development is permitted.

## Conclusions and Recommendations

Based on the increased population and the additional business, commercial, institutional and industrial users since the original installation of the existing restrictor and by-pass weir, it is the opinion of the Village that these structures should be modified. Therefore, the Village formally requests that Permit No. 84-091 for the diversion structure be revised to allow the existing restrictor and weir to be modified and adjusted, as referenced above, in order to conform with the intent and conditions of the ICAP agreement between the District and the Village.

Respectfully submitted,

PAVIA-MARTING & CO.  
AN ILLINOIS CORPORATION  
VILLAGE CONSULTING ENGINEERS

  
Michael N. Young, P.E.  
Project Manager

c: File #0903FPA

84-091

EL No. 03-0063

ESTIMATED ICAP FLOWS TO BE ACCEPTED BY MWRDGC  
 FOR RESIDENTIAL AREAS WITHIN AREA SERVICED  
 BY DEVON AVENUE MWRDGC LIFT STATION  
 (Information Based on 2000 Census Maps)

DAF Flow Rate per Individual  
 ICAP Flow Rate per Individual

100 gdp/c  
 150 gdp/c

GEOCODE				Population	DAF WasteWater Flow (MGD)	ICAP WasteWater Flow (MGD)
County/ MCD	Place	Tract	Block			
03132694	04013	804501	1033	365	0.0365	0.0548
03132694	04013	804501	1034	35	0.0035	0.0053
03132694	04013	804501	1035	80	0.0080	0.0120
03132694	04013	804501	1036	56	0.0056	0.0084
03132694	04013	804501	1037	44	0.0044	0.0066
03132694	04013	804501	1038	48	0.0048	0.0072
03132694	04013	804501	1039	164	0.0164	0.0246
03132694	04013	804501	1040	0	0.0000	0.0000
03132694	04013	804501	1041	0	0.0000	0.0000
03132694	04013	804501	1045	44	0.0044	0.0066
03132694	04013	804501	1046	22	0.0022	0.0033
03132694	04013	804501	1047	35	0.0035	0.0053
03132694	04013	804501	1048	22	0.0022	0.0033
03132694	04013	804501	3000	10	0.0010	0.0015
03132694	04013	804501	3001	143	0.0143	0.0215
03132694	04013	804501	3002	13	0.0013	0.0020
03132694	04013	804501	3034	57	0.0057	0.0086
03132694	04013	804501	3037	30	0.0030	0.0045
03132694	04013	804501	3038	393	0.0393	0.0590
03132694	04013	804501	3039	36	0.0036	0.0054
03132694	04013	804501	3040	95	0.0095	0.0143
03132694	04013	804501	3041	150	0.0150	0.0225
03132694	04013	804501	3042	70	0.0070	0.0105
03132694	04013	804501	3043	61	0.0061	0.0092
03132694	04013	804503	1006	323	0.0323	0.0485
03132694	04013	804503	1007	3	0.0003	0.0005
03132694	04013	804503	1008	269	0.0269	0.0404
03132694	04013	804503	1011	0	0.0000	0.0000
03132694	04013	804505	1002	299	0.0299	0.0449
03132694	04013	804505	1003	0	0.0000	0.0000
03132694	04013	804505	1004	62	0.0062	0.0093
03132694	04013	804505	1005	53	0.0053	0.0080
03132694	04013	804505	1006	53	0.0053	0.0080
03132694	04013	804505	1007	58	0.0058	0.0087
03132694	04013	804505	1008	59	0.0059	0.0089
03132694	04013	804505	1009	43	0.0043	0.0065
03132694	04013	804505	1010	60	0.0060	0.0090
03132694	04013	804505	1011	50	0.0050	0.0075

ESTIMATED ICAP FLOWS TO BE ACCEPTED BY MWRDGC  
 FOR RESIDENTIAL AREAS WITHIN AREA SERVICED  
 BY DEVON AVENUE MWRDGC LIFT STATION  
 (Information Based on 2000 Census Maps)

DAF Flow Rate per Individual  
 ICAP Flow Rate per Individual

100 gpdpc  
 150 gpdpc

GEOCODE					DAF	ICAP
County/ MCD	Place	Tract	Block	Population	WasteWater Flow (MGD)	WasteWater Flow (MGD)
03132694	04013	804505	1012	45	0.0045	0.0068
03132694	04013	804505	1013	49	0.0049	0.0074
03132694	04013	804505	1014	55	0.0055	0.0083
03132694	04013	804505	1015	13	0.0013	0.0020
03132694	04013	804505	1016	41	0.0041	0.0062
03132694	04013	804505	1017	32	0.0032	0.0048
03132694	04013	804505	1018	0	0.0000	0.0000
03132694	04013	804505	2005	164	0.0164	0.0246
03132694	04013	804505	2006	197	0.0197	0.0296
03132694	04013	804505	2007	196	0.0196	0.0294
03132694	04013	804505	2008	74	0.0074	0.0111
03132694	04013	804505	2009	69	0.0069	0.0104
03132694	04013	804505	2010	64	0.0064	0.0096
03132694	04013	804505	2011	46	0.0046	0.0069
03132694	04013	804505	2012	49	0.0049	0.0074
03132694	04013	804505	2013	33	0.0033	0.0050
03132694	04013	804505	2014	15	0.0015	0.0023
03132694	04013	804505	2015	0	0.0000	0.0000
03132694	04013	804505	2016	46	0.0046	0.0069
03132694	04013	804505	2017	37	0.0037	0.0056
03132694	04013	804505	2018	48	0.0048	0.0072
03132694	04013	804505	2019	31	0.0031	0.0047
03132694	04013	804505	2020	37	0.0037	0.0056
03132694	04013	804505	2021	38	0.0038	0.0057
03132694	04013	804505	2022	23	0.0023	0.0035
03132694	04013	804505	3001	152	0.0152	0.0228
03132694	04013	804505	3002	119	0.0119	0.0179
03132694	04013	804505	3003	0	0.0000	0.0000
03132694	04013	804505	3004	141	0.0141	0.0212
03132694	04013	804505	3005	0	0.0000	0.0000
03132694	04013	804505	3006	0	0.0000	0.0000
03132694	04013	804505	3007	0	0.0000	0.0000
03132694	04013	804505	3008	36	0.0036	0.0054
03132694	04013	804505	3009	33	0.0033	0.0050
03132694	04013	804505	3010	26	0.0026	0.0039
03132694	04013	804505	3011	2	0.0002	0.0003
03132694	04013	804505	3012	0	0.0000	0.0000
03132694	04013	804505	3013	0	0.0000	0.0000

ESTIMATED ICAP FLOWS TO BE ACCEPTED BY MWRDGC  
 FOR RESIDENTIAL AREAS WITHIN AREA SERVICED  
 BY DEVON AVENUE MWRDGC LIFT STATION  
 (Information Based on 2000 Census Maps)

DAF Flow Rate per Individual  
 ICAP Flow Rate per Individual

100 gpdpc  
 150 gpdpc

GEOCODE					DAF	ICAP
County/ MCD	Place	Tract	Block	Population	WasteWater Flow (MGD)	WasteWater Flow (MGD)
03132694	04013	804505	3014	136	0.0136	0.0204
03132694	04013	804505	3015	144	0.0144	0.0216
03132694	04013	804505	3016	41	0.0041	0.0062
03132694	04013	804505	3017	127	0.0127	0.0191
03132694	04013	804505	3018	31	0.0031	0.0047
03132694	04013	804505	3019	102	0.0102	0.0153
03132694	04013	804505	3020	251	0.0251	0.0377
<b>Sub-Totals (Tributary Residential to MWRDGC LS)--&gt;</b>				<b>6,048</b>	<b>0.6048</b>	<b>0.9091</b>

ESTIMATED ICAP FLOWS TO BE ACCEPTED BY MWRDGC  
FOR BUSINESS, COMMERCIAL, INSTITUTIONAL & INDUSTRIAL AREAS WITHIN AREA SERVICED  
BY DEVON AVENUE MWRDGC LIFT STATION

(Based on Information provided by Village as of August 31, 2002)

Information herein was provided by the Village Water Department

Company/Owner	Address	Units/Year	Usage/Year	Days/Week	DAF & ICAP Wastewater Flows
Illinois Bell Telephone	200 S. Main	83	83000	5	0.0003
Bartlett Vol FPD	220 S. Main	39	39000	7	0.0001
Village Hall	228 S. Main	328	328000	5.5	0.0011
Tom's Mobile Service	245 S. Main	18	18000	6	0.0001
Dr. Samuel Schwartz	257 S. Main	55	55000	5	0.0002
Marchese Surveying	310 S. Main	29	29000	5	0.0001
Keith Koehler	314 S. Main	555	555000	5	0.0021
1st Class Cleaners	331 S. Main	796	796000	6	0.0025
Beau Geste	332 S. Main	78	78000	5	0.0003
B.J. Accounting	334 S. Main	10	10000	5	0.0000
Harris Bank Bartlett	335 S. Main	327	327000	5.5	0.0011
La Petite Grooming	336 S. Main	18	18000	6	0.0001
Carol Ann Marketing	338 S. Main	8	8000	5	0.0000
Bartlett Cleaners	344 S. Main	207	207000	6	0.0007
Phillip Becker	346 S. Main	233	233000	5	0.0009
Bormann Animal Hosp	366 S. Main	134	134000	6	0.0004
Tri-County Insurance	370 S. Main	16	16000	5	0.0001
V&V Paesano Pizza	374 S. Main	243	243000	7	0.0007
American Chart. Bank	388 S. Main	30	30000	5.5	0.0001
Kick Back Clothes	111 W. Railrd	10	10000	6	0.0000
Bartlett Tavern	113 W. Railrd	265	265000	7	0.0007
Java Jive	117 W. Railrd	17	17000	6	0.0001
Lucky Jacks	119 W. Railrd	7	7000	7	0.0000
Lucky Jacks	121 W. Railrd	346	346000	7	0.0009
Banbury Fair	211 W. Railrd	67	67000	6	0.0002
Lake Risk Management	221 W. Railrd	30	30000	5	0.0001
Dance Motion	301 W. Railrd	61	61000	6	0.0002
ABS - ARSA Inc.	321 W. Railrd	5	5000	5	0.0000
Dr. David Ascher	323 W. Railrd	224	224000	5	0.0009
David E. Bootz	415 W. Railrd	85	85000	5	0.0003
Elmer Hecht	425 W. Railrd	56	56000	5	0.0002
Mike/Kim Capizzano	427 W. Railrd	52	52000	5	0.0002
Kevin Richards	429 W. Railrd	18	18000	5	0.0001
Village Church of Bartlett	601 W. Bartlt	51	51000	7	0.0001
Andrew Warmus	775 W. Bartlt	28	28000	5	0.0001
Sisters of St. Joseph	801 W. Bartlt	1325	1325000	7	0.0036
Walter Rusciano	814 W. Bartlt	31	31000	5	0.0001
Kurt Engstrom	816 W. Bartlt	72	72000	5	0.0003
Diagnostic Health Serv.	840 W. Bartlt	10	10000	5	0.0000
Net Midwest Inc.	850 W. Bartlt	600	600000	5	0.0023
Net Midwest Inc. - ADD	850 W. Bartlt	880	880000	5	0.0034
Maryville-Eisenberg AA	951 W. Bartlt	77	77000	7	0.0002
Maryville-Eisenberg A	951 W. Bartlt	272	272000	7	0.0007
Maryville-Eisenberg B	951 W. Bartlt	289	289000	7	0.0008

ESTIMATED ICAP FLOWS TO BE ACCEPTED BY MWRDGC  
FOR BUSINESS, COMMERCIAL, INSTITUTIONAL & INDUSTRIAL AREAS WITHIN AREA SERVICED  
BY DEVON AVENUE MWRDGC LIFT STATION

(Based on Information provided by Village as of August 31, 2002)

Information herein was provided by the Village Water Department

Company/Owner	Address	Units/Year	Usage/Year	Days/Week	DAF & ICAP Wastewater Flows
Maryville-Eisenberg C	951 W. Bartlt	271	271000	7	0.0007
Maryville-Eisenberg D	951 W. Bartlt	243	243000	7	0.0007
Maryville-Eisenberg E	951 W. Bartlt	293	293000	7	0.0008
Maryville-Eisenberg F	951 W. Bartlt	347	347000	7	0.0010
Sunrise Camp	7N749 S Rt 59	121	121000	7	0.0003
Hanover Township	8N180 S Rt 59	232	232000	6	0.0007
Andrew Dick	120 E. Hillcrst	237	237000	5	0.0009
Edward R. Simousek	124 E. Hillcrst	90	90000	5	0.0003
William Wojciechowski	130 E. Hillcrst	248	248000	5	0.0010
Joe Rihani	131 E. Hillcrst	178	178000	5	0.0007
Clifton Saylor	134 E. Hillcrst	204	204000	5	0.0008
Thomas Gumble	135 E. Hillcrst	176	176000	5	0.0007
Thomas Gumble	140 E. Hillcrst	216	216000	5	0.0008
TMC Management	141 E. Hillcrst	213	213000	5	0.0008
George Kaczanko	144 E. Hillcrst	201	201000	5	0.0008
TMC Management	145 E. Hillcrst	160	160000	5	0.0006
TMC Management	149 E. Hillcrst	208	208000	5	0.0008
Thomas Gumble	160 E. Hillcrst	180	180000	5	0.0007
Jeffrey Deeke	161 E. Hillcrst	196	196000	5	0.0008
Edward R. Simousek	164 E. Hillcrst	206	206000	5	0.0008
Andrew Dick	165 E. Hillcrst	209	209000	5	0.0008
TMC Management	169 E. Hillcrst	287	287000	5	0.0011
Andrew Dick	180 E. Hillcrst	233	233000	5	0.0009
John Gumble	181 E. Hillcrst	222	222000	5	0.0009
Clifton Saylor	184 E. Hillcrst	206	206000	5	0.0008
Thomas Gumble	185 E. Hillcrst	168	168000	5	0.0006
TMC Management	190 E. Hillcrst	203	203000	5	0.0008
Othmar Goettel	191 E. Hillcrst	193	193000	5	0.0007
TMC Management	194 E. Hillcrst	225	225000	5	0.0009
TMC Management	195 E. Hillcrst	177	177000	5	0.0007
<b>Sub-Totals (Tributary Bussiness/Manufacturing to MWRDGC LS)--&gt;</b>					<b>0.0493</b>

VILLAGE OF BARTLETT

Diversion Chamber for MWRDGC Lift Station at Devon and Berteau  
 Summary of Proposed Flow to be Accepted by MWRDGC

Pavia-Marting & Co.  
 May 2004

Flow Source	Permitted PE	Permitted Rate per PE	Permitted Flow (gpd)
2000 Residential Census <sup>1</sup>	6048	150	907,200
Metered Non-Residential Flow <sup>1</sup>			49,300
Permit 01-078	143	150	21,450
Permit 01-590	38	150	5,700
Permit 03-240	277	150	41,550
Permit 03-386	378	150	56,700
Permit 03-440	444	150	66,600
<b>CURRENT TOTAL FLOW</b>			<b>1,148,500</b>
Estimated Future Flows			178,500
<b>FUTURE TOTAL FLOW AT BUILDOUT</b>			<b>1,327,000</b>

Notes:

1. See Appendix A for detailed breakdown.

# DISCHARGE RATES & ELEVATIONS FOR ORIFICE & WEIR AT MWRDGC LIFT STATION DIVERSION CHAMBER

Orifice Calculations  $Q=Ca\sqrt{2gh}$

Weir overflows & tailwater calculations were made using  
Haestad Methods Flow Master software.

Weir Length "L" 5.00 ft.  
"Q" ?? mgd  
C 0.82  
g 32.16  
h Variable ft. of water over orifice ctr  
a 0.35 ft.<sup>2</sup>  
Ctr Elev. 773.45

H variable ft.  
Crest Elev. 774.05

Orifice (Discharges to the MWRDGC Lift Station on Devon Avenue.)				Rectangular Weir (Discharges to the Bartlett Devon Avenue Excess Flow Facility)			
Headwater Elevation (Ft.) (Note 1)	Tailwater Elevation (Ft.) (Note 2)	Orifice Discharge (mgd)	Remarks	Flow Depth over Weir (Ft.)	Tailwater Elevation (Ft.) (Note 3)	Weir Discharge (mgd)	Remarks
773.02	N/A	0.0000	Acting as Cir. Pipe	0.00	N/A	0.0000	No discharge over weir
773.48	N/A	0.2575		0.00	N/A		
773.50	N/A	0.3325		0.00	N/A		
773.68	N/A	0.7131	Acting as Orifice	0.00	N/A		
773.78	N/A	0.8542		0.00	N/A		
773.88	N/A	0.9750		0.00	N/A		
773.98	N/A	1.0825		0.00	N/A		
774.04	N/A	1.1421		0.00	N/A		
774.05	N/A	1.1518		0.00	N/A	0.0000	Weir overflow starts
774.15	N/A	1.2440		0.10	N/A	0.3401	
774.24	N/A	1.3216		0.19	N/A	0.8908	
774.25	N/A	1.3299		0.20	N/A	0.9620	
774.40	N/A	1.4493		0.35	N/A	2.2271	
774.50	N/A	1.5236		0.45	N/A	3.2469	
774.60	N/A	1.5945		0.55	N/A	4.3872	
774.70	N/A	1.6624		0.65	N/A	5.6366	



A G R E E M E N T

THIS AGREEMENT Made and entered into this 4th day of March, 1971, by and between THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO, a municipal corporation, organized and existing under the laws of the State of Illinois, hereinafter called "District," and THE VILLAGE OF BARTLETT, COOK COUNTY, ILLINOIS, a municipal corporation, organized and existing under the laws of the State of Illinois, hereinafter called "Village," and

WHEREAS, under Agreement dated February 18, 1958, and Amcdatory Agreement dated the 24th day of August, 1959, the District took over the operation of the Bartlett Sewage Treatment Works; and

WHEREAS, one of the provisions set forth in Section 8 of the Agreement dated the 18th day of February, 1958, the District had the right to return said sewage treatment plant to the Village under the conditions specified therein;

NOW THEREFORE, for and in consideration of the mutual waiver of any and all existing or future claims by the Village against the District and by the District against the Village, the District hereby returns possession and control of the Bartlett Sewage Treatment Works to the Village.

- - -

IT IS FURTHER AGREED that the Village hereby waives the right to a sixty (60) day notice to the Village Clerk as set forth in Section 8 of the Agreement dated February 18, 1958; between the Village and the District (page 234 of the Proceedings of the Board of Trustees of The Metropolitan Sanitary District of Greater Chicago).

IT IS FURTHER AGREED that the District shall cease all control of the operation and maintenance of the Bartlett Sewage Treatment Works at midnight March 14, 1971, and that the Village shall assume complete control and responsibility for said treatment plant as of the commencement of March 1, 1971.

IT IS FURTHER AGREED that the Weir installed in an existing sewer leading to the Bartlett Sewage Treatment Works, shall be set at a position which will allow the District to accept one and a half times the average dry weather flow from the Village's sewers in the Cook County area of the Village. It being understood and agreed that the Village assumes responsibility for treating all flows in excess of those diverted to the District as provided above.

IT IS FURTHER AGREED that all machinery and equipment located in the Bartlett Sewage Treatment Works as of March 15, 1971, shall become the property of the Village.

IT IS FURTHER AGREED that any and all replacement parts belonging to the Bartlett Sewage Treatment Works which are in the hands of the District, shall also become the property of the Village.

IN WITNESS WHEREOF, on the day and year first above written, The Metropolitan Sanitary District of Greater Chicago has caused these presents to be executed in duplicate by the Chairman of the Committee on Finance of its Board of Trustees, and to be duly attested and its corporate seal to be hereunto affixed, and the Village of Bartlett has caused these presents to be executed in duplicate by the President of its Board of Trustees, and to be duly attested, and its corporate seal to be hereunto affixed.

THE METROPOLITAN SANITARY DISTRICT  
OF GREATER CHICAGO

By *William J. ...*  
Chairman, Committee on Finance

ATTEST:

*William J. ...*  
Clerk

VILLAGE OF BARTLETT

By *J. ...*  
President

ATTEST:

*William J. ...*  
Clerk

APPROVALS re

AGREEMENT WITH VILLAGE OF BARTLETT

returning Treatment Plant to Village

Assistant Chief Engineer,  
Maintenance & Operation

Acting Chief of Maintenance & Operation

Assistant Chief Engineer

Acting Chief Engineer

As to Form and Legality:

Assistant Attorney

Attorney

Acting General Superintendent.

required to complete said work and at any later time, when repairs to the channel or structures shall become necessary; but this authorization shall not be construed as in any way impairing the powers and obligations of the said District in its function of providing adequate drainage of the lands within Weller Creek Drainage District.

IN WITNESS WHEREOF, I have hereunto affixed my hand as Commissioner, and have caused the seal of said District to be hereto affixed this 7th day of March, A.D. 1958.

GEORGE L. BUSSE,  
Commissioner of Weller Creek Drainage  
District and Sub-Districts 1 to 11  
thereof.

(SEAL)

Mr. Nordburg moved that the report be adopted and the accompanying orders passed.

On roll call the motion was carried by the following vote:

*Yeas:* Messrs. Chesrow, Cullerton, Delaney, Griglik, Henneberger, Martin, Nordburg, Patterson and Olis—Nine.

*Nays:* None.

The following is the form of said Resolution.

Mr. Nordburg presented the following report from the Committee on Engineering:

Chicago, March 13, 1958

To the Honorable, the President and Members of the Board of Trustees of The Metropolitan Sanitary District of Greater Chicago.

GENTLEMEN:

Your Committee on Engineering reports that pending the construction of the intercepting sewer or other facilities by The Metropolitan Sanitary District of Greater Chicago to receive the sewage in the Village of Bartlett, which Village was annexed to The Metropolitan Sanitary District of Greater Chicago by the approved Referendum Vote of November 6, 1956, it was deemed advisable to enter into an Agreement with the Village of Bartlett whereby the cost of operating the existing sewage treatment works of the Village of Bartlett would be paid for from January 1, 1957, by The Metropolitan Sanitary District of Greater Chicago, in view of the fact that the property of said Village is subject to the corporate tax of our Sanitary District, effective January 1, 1957.

Your Committee further reports that after numerous conferences with the representatives of the Village of Bartlett and our Engineering and Legal staffs, a form of Agreement was agreed to, which Agreement was executed on February 18, 1958 on behalf of the Village of Bartlett, and is herewith submitted to the Board for its consideration. It is the recommendation of your Committee that said Agreement should now be executed by The Metropolitan Sanitary District of Greater Chicago, and printed in our Proceedings.

Your Committee having considered the matter recommends the passage of the following orders:

*Ordered:* That the Chairman of the Committee on Finance and the Clerk be, and they are hereby authorized and directed to execute in duplicate on behalf of The Metropolitan Sanitary District of Greater Chicago the Agreement herewith submitted for the operation of the existing sewage treatment works of the Village of Bartlett; the expense of said operation from January 1, 1957, to be paid by The Metropolitan Sanitary District of Greater Chicago; and it is further

*Ordered:* That a copy of said Agreement be printed in the Proceedings and an executed Agreement be returned to the Village of Bartlett.

Respectfully submitted,

WM. S. NORDBURG,  
Chairman, Committee on Engineering.

Approved as to Form and Legality:

LAWRENCE J. FENLON,  
Principal Assistant Attorney.  
RUSSELL W. ROOT,  
Attorney.

The following is the form of said Agreement.

#### AGREEMENT

THIS AGREEMENT, Made and entered into this 18th day of February, A. D. 1958, by and between the VILLAGE of BARTLETT, COOK COUNTY, ILLINOIS, a municipal corporation, organized under the laws of the State of Illinois, party of the first part, hereinafter for convenience called the "Village," and THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO, a municipal corporation, organized under the laws of the State of Illinois, party of the second part, hereinafter for convenience called the "Sanitary District,"

WITNESSETH, THAT:

WHEREAS, the said Village has constructed a system of sanitary sewers in its streets, alleys, public and other places, which collects the sewage arising within the territory served thereby and conveys it to a sewage treatment works owned and maintained by it, located southeast of the Village just over the county line in Du Page County on a 4.5 acre site. The effluent from the sewage treatment works enters a ditch which discharges into the Du Page River about two (2) miles south of the plant site. The sewage treatment plant consists of a pumping station; Imhoff Tank; sprinkling filter; final settling tank; and a sludge drying bed; and

WHEREAS, the said Village was annexed to the Metropolitan Sanitary District of Greater Chicago by the approved referendum vote of November 6, 1956, held pursuant to the provisions of Senate Bill No. 473, adopted by the 1955 Session of the General Assembly (Chap. 42, Sec. 380 Z7, page 1779 Ill. Rev. Stats. 1957, Vol. 1, State Bar Assn. Edition); and

WHEREAS, a Petition for Detachment from The Metropolitan Sanitary District of Greater Chicago was filed January 29, 1957, in the County Court of Cook County, at the initiation of the Village of Bartlett, entitled—

In Re: Chicago Sanitary District No. 57 Co. 310.  
and

WHEREAS, the Board of Trustees of the Village of Bartlett at the Village Board Meeting held on November 5, 1957, voted to abandon the above Petition for Detachment and authorized the Village Attorney to withdraw the said Petition heretofore filed in the County Court; and

WHEREAS, the Village has requested that the Sanitary District operate and maintain said sewage treatment works at the expense of the Sanitary District, and enlarge it and eventually reconstruct it if need be, on the terms and conditions hereinafter stated, which have been mutually agreed to by the Village and the Sanitary District.

NOW, THEREFORE, in consideration of the mutual covenants and agreements to be kept and performed by the respective parties hereto, it is agreed by and between the parties hereto as follows:

arising therefrom subsequent to said date, provided the Sanitary District is given immediate notice thereof and the Sanitary District will pay any judgment obtained against said Village arising out of injury as aforesaid, subsequent to the execution of this Agreement, provided the Sanitary District has had sufficient notice and opportunity to defend against any such claim. The Village agrees to give immediate notice of any claim or suit against it occasioned by the maintenance and operation of said treatment works.

It is the intention of the parties hereto that in supervising the activities of the employees in operating the Sewage Treatment Works, that the Village and its Supervisory Personnel, are acting solely as the agents of the Sanitary District.

8. At such time as the Sanitary District shall construct an Intercepting Sewer or other facilities to receive the sewage of the Village of Bartlett or shall make any other arrangement to dispose of said sewage, this Agreement except for the right of the Sanitary District to operate said Interceptor or other facilities and to maintain a right of way and necessary connections, shall terminate at the option of said Sanitary District and all rights and duties conferred herein to said Sanitary District shall revert back to the Village including specifically the right to the sewage treatment works and site which shall become the exclusive property of the Village. The Sanitary District shall retain the right to make necessary repairs on its interceptors, connections, or other facilities. Said option to terminate shall be exercised by giving notice in writing to the Clerk of the Village by the Sanitary District, sixty days in advance of its effective date.

9. By mutual agreement of the Village and the Sanitary District approved in writing by the parties hereto, such further agreements as appear just to both parties hereafter may be made.

10. Nothing in the Agreement shall be construed to limit the use of the sewage treatment works or other facilities herein described to the treatment or disposal or transportation of sewage originating within the present or future corporation limits of the Village. The Sanitary District may construct, after consultation with the Village, such facilities as it deems necessary on the site for the treatment, disposal or transportation of sewage originating beyond the present or future corporate limits of the Village.

IN WITNESS WHEREOF, on the day and year first above written, The Metropolitan Sanitary District of Greater Chicago has caused these presents to be executed in duplicate by the Chairman of the Committee on Finance of Its Board of Trustees, and to be duly attested and its corporate seal to be hereunto affixed, and the Village of Bartlett has caused these presents to be executed in duplicate by the President of its Board of Trustees, and to be duly attested, and its corporate seal to be hereunto affixed.

THE METROPOLITAN SANITARY DISTRICT  
OF GREATER CHICAGO,

By S/ANTHONY A. OLIS,  
*Chairman of the Committee on Finance  
of Its Board of Trustees.*

Attest:

S/HARRY E. EATON (Seal)  
*Clerk.*

VILLAGE OF BARTLETT,  
By S/JOHN J. BUELTING,  
*President.*

Attest:

S/ARTHUR E. WEIHER,  
*Clerk.*

Approved for the Metropolitan Sanitary District of  
Greater Chicago—

As to Engineering:

*Departmental Engineer.*

S/NORVAL E. ANDERSON,  
*Engineer of Treatment Plant Design.*

S/P. F. GIRARD,  
*Acting Chief Engineer.*

As to Form and Legality:

S/LAWRENCE J. FENLON,  
*Principal Assistant Attorney.*

S/RUSSELL W. ROOT,  
*Attorney.*

Approved:

S/WM. A. DUNDAS,  
*General Superintendent.*

STATE OF ILLINOIS }  
COUNTY OF COOK } SS.  
VILLAGE OF BARTLETT }

I, Arthur E. Weiher, do hereby certify that I am the Village Clerk of the Village of Bartlett, Cook County, Illinois, and keeper and custodian of the books, papers and records thereof. I further certify that the attached copy of a Resolution is a true and correct copy of the Resolution adopted by the Board of Trustees of said Village at a meeting thereof held on the 18th day of February, A.D. 1958, and signed and approved by the President of said Village on the same day.

I further certify that said meeting was a regularly called special meeting of said Board of Trustees and that all the members thereof were present.

I further certify that the original of said Resolution is in my possession and that I am the lawful custodian of the same.

IN WITNESS WHEREOF, I have hereunto signed my name and affixed the corporate seal of said Village this 18th day of February, A. D. 1958.

S/ARTHUR E. WEIHER,  
*Clerk of the Village of Bartlett,  
Cook County, Illinois.*

RESOLUTION

BE IT RESOLVED by the President and Board of Trustees of the Village of Bartlett, Cook County, Illinois, THAT:

The President of said Village be, and he is hereby authorized and directed to execute in behalf of said Village of Bartlett a certain Agreement by and between the said Village, as party of the first part, and The Metropolitan Sanitary District of Greater Chicago, a municipal corporation of the State of Illinois, as party of the second part, which said contract covers the temporary taking over by said Sanitary District and the subsequent operation and maintenance by it of the sewage treatment works and all appurtenances connected therewith, located in the Village of Bartlett, a copy of which Agreement is attached hereto and made a part hereof.

ADOPTED AND APPROVED this 18th day of February, A. D. 1958.

S/JOHN J. BUELTING,  
*President.*

Attest:

S/ARTHUR E. WEIHER,  
*Village Clerk.*

**Protecting Our Water Environment**

4  
BOARD OF COMMISSIONERS  
Terrence J. O'Brien  
*President*  
Kathleen Therese Meany  
*Vice President*  
Gloria Alitto Majewski  
*Chairman Of Finance*  
Frank Avila  
James C. Harris  
Barbara J. McGowan  
Cynthia M. Santos  
Patricia Young  
Harry "Bus" Yourell

**Metropolitan Water Reclamation District of Greater Chicago**

100 EAST ERIE STREET CHICAGO, ILLINOIS 60611-3154 312-751-5600

FYI: Sobanski/Dalageorgas/Paintel/Michuda/File (2)

June 10, 2004

Mr. Paul Kuester  
Director of Public Works  
Village of Bartlett  
228 S. Main Street  
Bartlett, IL 60103

Dear Mr. Kuester:

SUBJECT: MWRD Sewerage System Permit 84-091 (RL 03-063)  
Devon and Berteau Lift Station Diversion Structure Modifications  
Bartlett, IL

The drawing described below has been received and reviewed by this office and is hereby made a part of the subject permit. Acceptance of this drawing shall not alter the conditions of the permit nor shall it affect previously submitted permit drawings, which are not in conflict with this drawing. Transmitted herewith for your record is a copy of the drawing annotated with the permit number.

Drawing submitted by: Pavia-Marting & Co.  
910 West Lake Street  
Roselle, IL 60172

Drawing identification: Proposed Modifications to Diversion Structure  
Sheet 1 of 1 dated 5/12/2004

Remarks:

The above stated drawing is Exhibit C of Pavia-Marting & Company's report dated May 12, 2004, entitled, "Proposed Modifications to the Diversion Structure Controlling Flow to the MWRDGC Lift Station at Devon and Berteau." The aforementioned report is also part of the revision.

The revision allows for the following major modifications to the subject diversion structure.

- o Diameter of the restrictor increased from 6-inch to 8-inch
- o The invert elevation of the restrictor shall be set at 773.12 ft.
- o Crest of the overflow weir shall be set at 774.05 ft.

PH  
CHA

04 JUN 21 AM 11:50  
FIELD SERVICE SYSTEMS  
MWRDGC

- o This diversion arrangement shall convey 1.148 mgd flow to the MWRD system prior to any overflow to the Village of Bartlett's facility. Breakdown of the current flow to be conveyed to the MWRD system is tabulated below.

Flow Component	Details	Quantity (gpd)
Residential	Population Equivalent =7,328 @ 150 gpcpd	1,099,200
Non Residential	Actual metered water consumption	49,300
	Total	1,148,500

Please note that any changes to the orifice size, placement, entrance lip shape, and/or the weir placement, height, width, crest shape will require written approval by the Chief Engineer of the District.

Very truly yours,



Joseph R. Rakoczy, P.E.  
Supervising Civil Engineer



AD:AB

Attachment

cc Mr. Michael N. Young, P.E.  
Pavia-Marting & Co. (w/attachment)



# Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street  
Chicago, IL 60611

5

## Legislation Details (With Text)

**File #:** 18-0796      **Version:** 1

**Type:** Agenda Item      **Status:** Adopted

**File created:** 7/25/2018      **In control:** Engineering Committee

**On agenda:** 8/2/2018      **Final action:** 8/2/2018

**Title:** Authority to negotiate an intergovernmental agreement with the Village of Bartlett to construct an equalization basin and improve the Bartlett Pumping Station

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:**

Date	Ver.	Action By	Action	Result
8/2/2018	1	Board of Commissioners	Approved	Pass
8/2/2018	1	Committee of the Whole	Recommended	Pass

### TRANSMITTAL LETTER FOR BOARD MEETING OF AUGUST 2, 2018

#### COMMITTEE ON ENGINEERING

Mr. John P. Murray, Acting Executive Director

Authority to negotiate an intergovernmental agreement with the Village of Bartlett to construct an equalization basin and improve the Bartlett Pumping Station

Dear Sir:

On December 1, 2016, the Board of Commissioners granted authority to amend the Sewer Service Agreement with the Village of Bartlett (Village). The Village had been cited by the Illinois Environmental Protection Agency as a result of an increase in overflows from the Village's Devon Excess Flow Facility resulting in a violation of its National Pollutant Discharge Elimination System permit. The Village requested that the District temporarily accept additional flow at the Hanover Park Water Reclamation Plant while a permanent solution is identified. The temporary arrangement, removal of a restrictor, is anticipated to conclude on January 1, 2020. The Village, in collaboration with the District, has conceived a mutually beneficial project to permanently address the overflow issue.

The Village will construct a 4 million gallon equalization basin and rehabilitate the District's existing Bartlett Pumping Station located at Devon Avenue and Berteau Avenue. Minimally, the Village will fund the equalization basin and pump station improvements, reimburse the District its cost for additional treatment, and invest annually an amount to be determined into its Infiltration & Inflow program for areas within the District's service area. The District will operate the equalization basin and the pump station. An advantage to the District is the ability to use the equalization basin for storage during high flow events.

The terms and conditions of the IGA will be defined through negotiations between the District and the Village. Once the parties agree in principle, authority to enter into the IGA will be sought from the District's Board of Commissioners.

Therefore, it is respectfully requested that the Acting Executive Director recommend to the Board of Commissioners that it grant authority to negotiate an IGA with the Village.

Requested, Catherine A. O'Connor, Director of Engineering, WSS

Recommended, John P. Murray, Acting Executive Director

Respectfully Submitted, Frank Avila, Chairman Committee on Engineering

Disposition of this agenda item will be documented in the official Regular Board Meeting Minutes of the Board of Commissioners for August 2, 2018

*Protecting Our Water Environment*

BOARD OF COMMISSIONERS

Terrence J. O'Brien  
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**Metropolitan Water Reclamation District of Greater Chicago**

100 EAST ERIE STREET CHICAGO, ILLINOIS 60611-3154 312-751-5600

FYI: Sobanski/Dalageorgas/Michuda/File(2) May 3, 2004  
Mr. Michael N. Young, P.E.

Project Manager  
Pavia-Marting & Co.  
910 West Lake Street  
Roselle, IL 60172-3352

Dear Mr. Young:

SUBJECT: Revision - Sewerage System Permit 84-091 (RL 03-063)  
Devon and Berbeau Lift Station Diversion Structure Modifications  
Bartlett, IL

This responds to your letter dated March 11, 2004 and the correspondence that preceded it concerning the Village of Bartlett's (Village) request to modify the Village's subject diversion (a.k.a. bypass or excess flow) structure to convey additional dry weather flow to the MWRD system due to an increase in population and other sewage flow sources in the service area since the diversion structure was originally approved. To that end, the proposed revision includes increasing the diameter of the outflow restrictor to the MWRD system from 6 inches to 8 inches and resetting the overflow weir crest to a higher elevation.

We have reviewed the report entitled "Proposed Modifications to the Diversion Structure Controlling Flow to the MWRDGC Lift Station at Devon and Berbeau" of March 11, 2004 attached to your aforementioned letter, and have the following comments/questions.

- Our records indicate that the permit drawing sheet 7 (Offsite Bypass Chamber and Sewer, MWRD Sewerage System Permit 84-091), and the same sheet submitted as an as-built/record drawing on June 6, 1988, show the following details for the diversion chamber.
  - Invert elevation of the 18-inch diameter pipe = 770.20 ft.
  - Elevation of centerline of the 6-inch diameter restrictor = 770.45 ft.
  - Overflow weir crest elevation = 771.22 ft.

Therefore, flow through the restrictor at the start of overflow to the Village's facility (using orifice formula)

$$= 0.82 \times 0.196 \times (2 \times 0.77)^{0.5} \times 24 \times 3600 \times 7.48 / 10^6 = 0.732 \text{ mgd.}$$

- Apparently, while correcting a permit violation in 2001, the restrictor and the weir crest were set at elevations that resulted in a minimum 1.30-ft. hydrostatic head before overflow (ref. p. 2 of 4, paragraph 3 under Existing Diversion Structure and Appendix A of your report). Under those conditions, your report estimates a flow of 0.8707 mgd through the 6-inch diameter restrictor before overflow. However, in light of the aforementioned approved

to 0.732 mgd to be conveyed to the MWRD system before any overflow. Further reinforcement of this is found in the MWRD letter dated July 26, 1984 (attached). Paragraph 3 quotes Pavia-Marting & Company's statement, "... it [the diversion chamber] will be adequate to handle the estimated 0.735 mgd dry-weather peak flow."

- You have computed sanitary sewer flow to be conveyed to the MWRD system before overflow based on your belief that the hydrostatic head achieved after correction of the violation represented the intent of the sewer permit 84-091. In our view, that overestimates the flow by approximately 0.14 mgd (0.8707-0.732).

Your report of September 30, 2002, entitled "Berteau & Devon Avenue Diversion Chamber Study & Modification for the Village of Bartlett" indicates that according to the Census 2000, the service area of the diversion chamber had 6048 residents (p. 1 of 6). To account/adjust for the above stated difference of 0.14 mgd, we request that you compute the maximum flow to be conveyed to the MWRD system in the following manner.

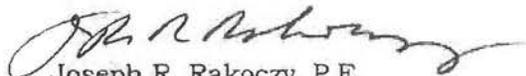
1. Residential population in 2000
2. Residential population equivalent (PE) approved by MWRD sewer permits since 2000
3. Total residential population in the service area (1+2)
4. Maximum allowable residential flow = 150 gpcpd x (3)
5. Metered water consumption by the non-residential developments in the service area
6. Maximum allowable flow to be conveyed to the MWRD system = (4+5)

Use this maximum flow (6) to determine the sizes and the elevations of the restrictor and overflow weir. For your information, please see the attached list of MWRD sewer permits, with their PE numbers (ref. item 2 above), approved in the service area since 2000.

No physical changes to the orifice size, placement, entrance lip shape, and/or the weir placement, height, width, crest shape can be made without written approval by the Chief Engineer of the District.

Please revise/supplement the report in accordance with the above. Please call Mr. Abbas Bhikhapurawala, P.E., Senior Civil Engineer, of my staff at (312)751-3263, if you have any questions.

Very truly yours,

  
Joseph R. Rakoczy, P.E.  
Supervising Civil Engineer

  
AD:AB

Attachment

cc Mr. Paul Kuester, Director of Public Works - Village of Bartlett

84-091

FIELD FILE  
AS BUILT DRES  
IN STORAGE

84-091

84-091

RECEIVED

NOV 8 1994

JC

C.F.

BY \_\_\_\_\_

DIVERSION CHAMBER FOR EXCESS FLOWS

The MSDGC will accept a peak flow of 1.5 times the domestic flow of 0.65 (ADWF) to the year 2010.

Therefore,  $0.65 \text{ mgd} \times 1.5 = 0.975 \text{ mgd}$  (677 gpm). With a six (6") inch diameter restrictor in the influent sewer to the MSD Lift Station, the head required is as follows:

From Cameron Hydraulic Data,  $Q = 19.636Kd^5 / h$

$K = 0.61$

$d = 6", d^5 = 36$

$Q = 677 \text{ gpm}$

$/h =$  head required for 677 gpm to flow through a 6" diameter restrictor.

$$/h = \frac{Q}{19.636Kd^5} = \frac{677 \text{ gpm}}{19.636 \times 0.61 \times 36}$$

$/h = 1.57'$

$h = 2.46'$  required

*Looks much too large for attached case*

With  $3 \frac{1}{2}"$  of flow over the top of the weir, the top of should be  $2.46' - 0.29' = 2.17'$  above the bottom of the 6" restrictor.

Invert of 6" restrictor	770.20
Top of Weir	<u>2.17</u>
	772.37

Invert of 18" at chamber for excess flow - 770.50

The new lift station at the Excess Flow Facilities can pump 1000 gpm with two (2) pumps operating. The weir should be five (5') ft. in length. With a water level of  $3 \frac{1}{2}"$  over the weir, the flow would be 1167 gpm.

94-091

4/17/84

Calculation check using <sup>11.5D</sup> orifice formula:

$$Q = C_d A \sqrt{2gh} \quad 94.091$$

$$Q^2 = C_d^2 A^2 2gh$$

$$h = \frac{Q^2}{2C_d^2 A^2 g}$$

$$Q = \left( \frac{677 \text{ gal}}{\text{min}} \right) \left( \frac{1 \text{ min}}{60 \text{ sec}} \right) \left( \frac{1 \text{ ft}^3}{7.48 \text{ gal}} \right) = 1.508 \frac{\text{ft}^3}{\text{sec}}$$

$C_d = 0.8$  for square-edge orifice.

$$A = \pi \left( \frac{6}{12} \right)^2 \text{ft}^2 = 0.7854 \text{ft}^2$$

$$g = 32 \text{ft/sec}^2$$

$$h = \frac{(1.508)^2}{2(0.8)^2(0.7854)^2 \cdot 32.2} = 0.0844 \text{ft}$$

With sharp edge orifice,  $C_d = 0.6$

$$h = \frac{(1.508)^2}{2(0.6)^2(0.7854)^2 \cdot 32.2} = 0.159 \text{ft}$$

Alternative calculation

handbook p. 90  
1995 with equation

$$W \frac{lb}{sec} = C Y A \sqrt{\frac{2.94 (\Delta P) S}{1-B}} = (1.508)(62.4) \cdot 4.41$$

C = coefficient of discharge use 0.6

Y = expansion factor = 1 (in liquid)

A = area of orifice (equal edge) = 0.785 in<sup>2</sup>

S = 32.2 ft/sec<sup>2</sup> = ~~32.2~~ lb<sub>m</sub>/lb<sub>m</sub>·sec<sup>2</sup>

ΔP = pressure drop lb/ft<sup>2</sup>

S = fluid density = 62.4 lb/ft<sup>3</sup>

B = ratio of (throat dia / pipe dia) <sup>6"</sup>/<sub>18"</sub> = 1/3

94.091

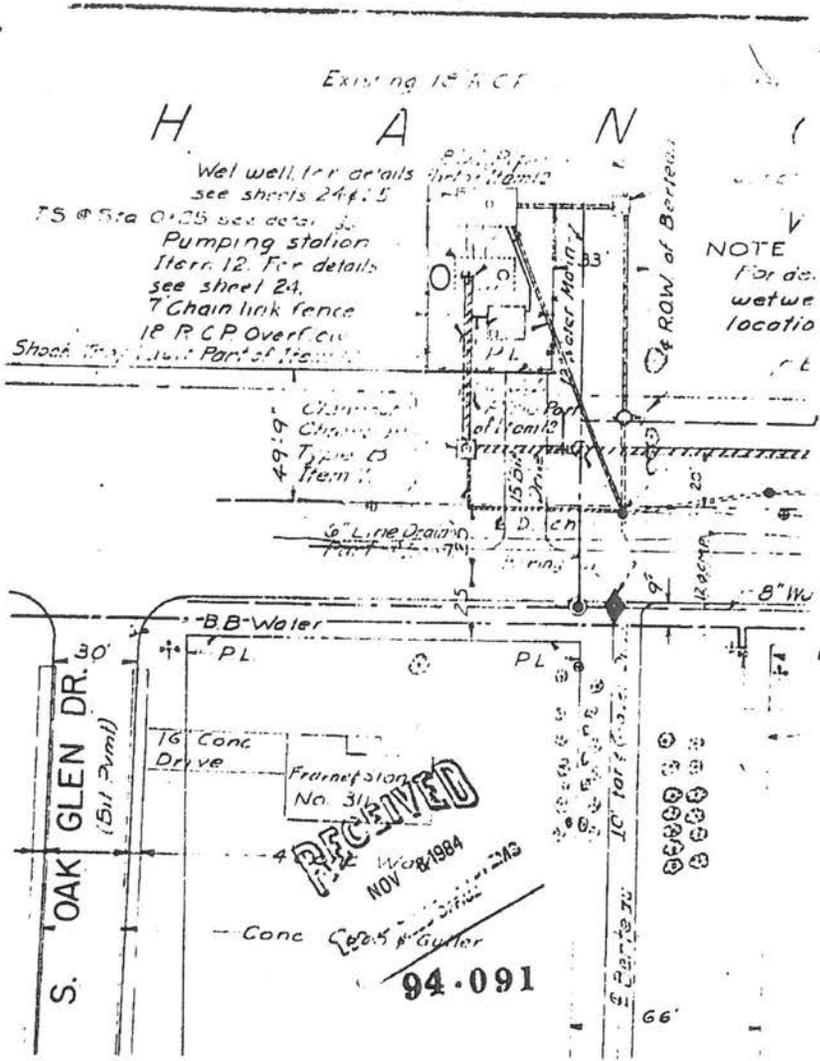
$$W^2 = C^2 Y^2 A^2 \frac{2.94 \rho S}{1-B}$$

$$\Delta P = \frac{W^2 (1-B)}{C^2 Y^2 A^2 \cdot 2.94 \rho S}$$

$$\Delta P = \frac{(47.1)^2 (0.667)}{(0.6)^2 (0.785)^2 \cdot 2 (32.2) (62.4)}$$

$$\Delta P = \frac{4.62 \text{ lb}}{62.4 \text{ lb}} \text{ lb/ft}^2$$

$$h_{ws} = \frac{4.62 \text{ lb}}{62.4 \text{ lb}} \text{ ft} = 0.106 \text{ ft}$$



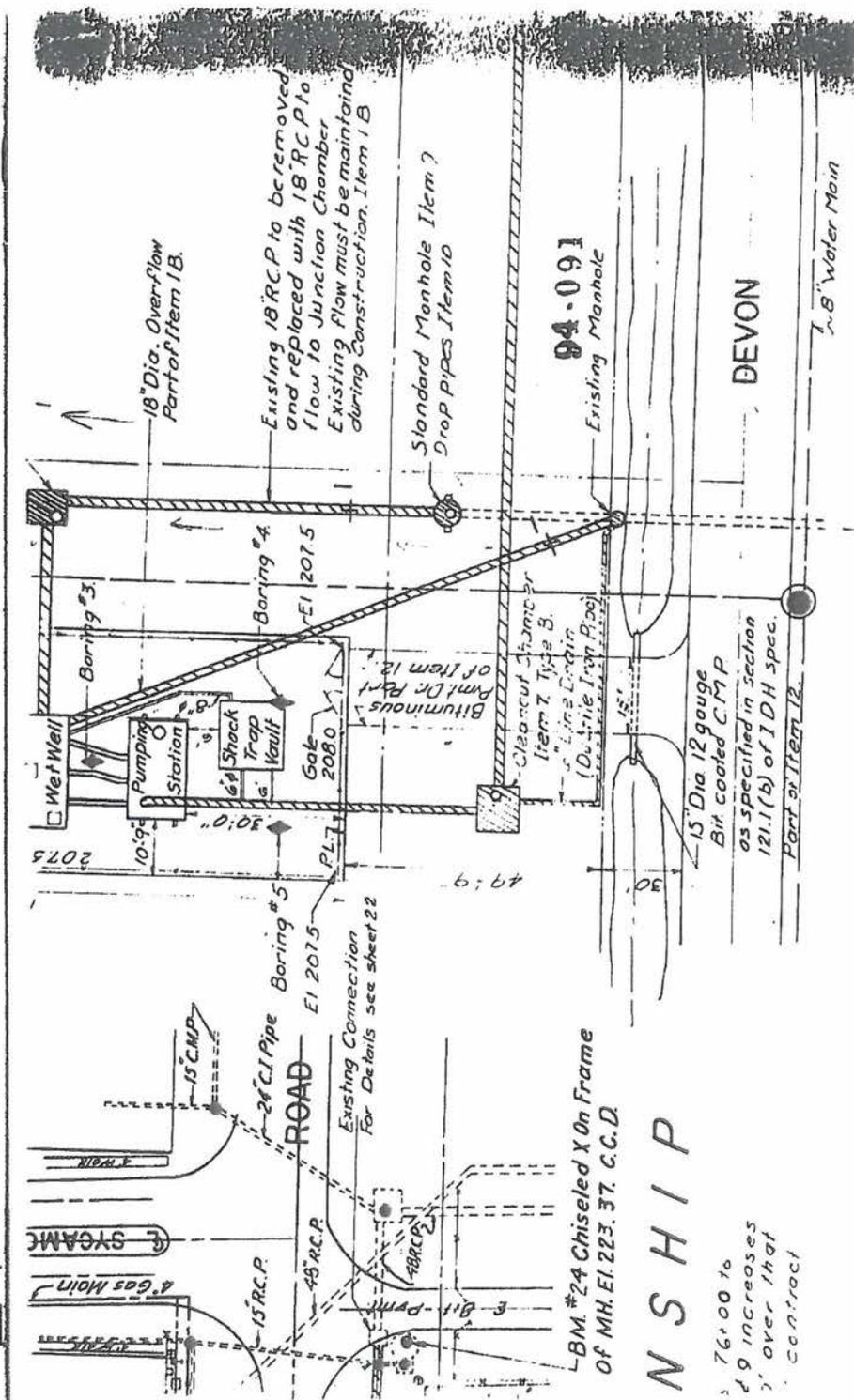
Existing 18" R.C.P.  
 H A N  
 Wet well for details refer to plans  
 see sheets 24 & 25  
 TS @ Sta 0+25 see detail  
 Pumping station  
 Item 12. For details  
 see sheet 24.  
 7' Chain link fence  
 18" R.C.P. Overflow  
 Shook (Part of Item 12)

NOTE  
 For details  
 wet well  
 location

RECEIVED  
 NOV 28 1984  
 WORKS DIVISION

94-091

GENERAL NOTES  
 Anodes with Test Stations commo  
 shall be placed at 50' interval  
 interfere with the Pipe Line Test  
 Anode Test Station to be located a  
 For Coldweld and Thermite weld  
 on Steel or Ductile Pipe  
 For details of bonding test stat  
 Refer to Spec. 105.05.05.05.05.05



18" Dia. Over-Flow Part of Item 1 B.

Existing 18" R.C.P. to be removed and replaced with 18" R.C.P. to flow to Junction Chamber. Existing flow must be maintained during construction. Item 1 B

Standard Manhole Item 10

94-091 Existing Manhole

DEVON

1.8" Water Main

Wet Well

Boring #3

Boring #4

Boring #5

Pumping Station

6" Shook Trap Vault

Gate 2080

Bituminous Pmt. Dr Part of Item 12

Clearcut Chamber Item 7 Type B. (Double Iron Pipe)

15" Dia 12 gauge Bit coated C.M.P. as specified in section 121.1 (b) of I.D.H. spec. Part of Item 12.

10.9'

30.0'

49.9'

30'

ROAD

24" C.I. Pipe

15" C.M.P.

15" R.C.P.

45" R.C.P.

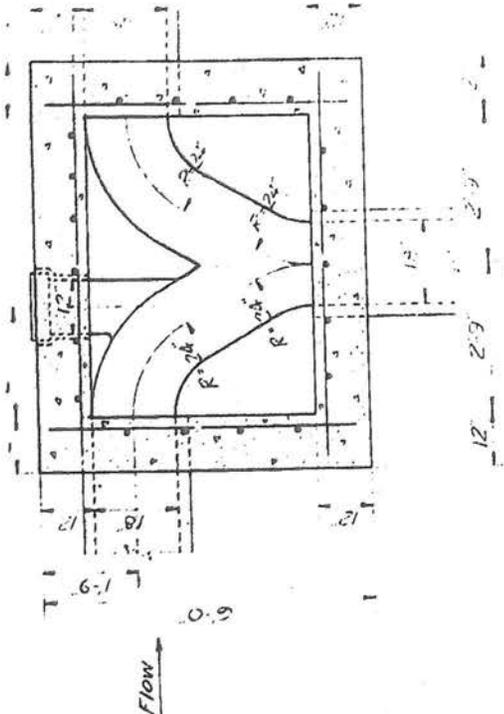
Existing Connection For Details see sheet 22

BM. #24 Chiseled X On Frame of MH. El. 223.37. C.C.D.

N S H I P

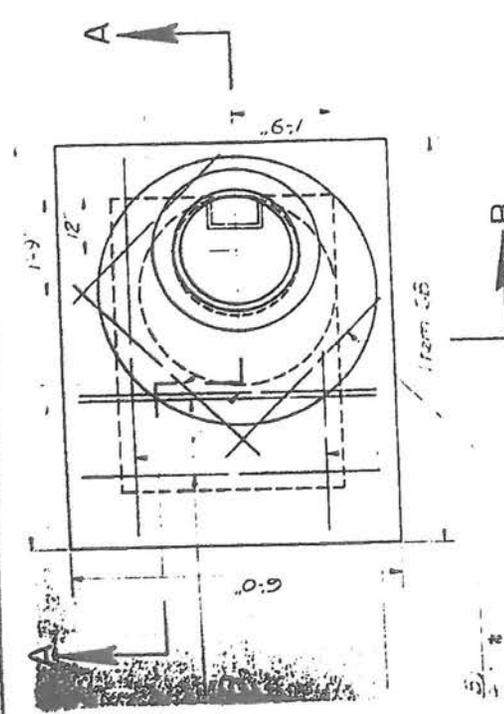
76+00 to 19 increases 1' over that contract



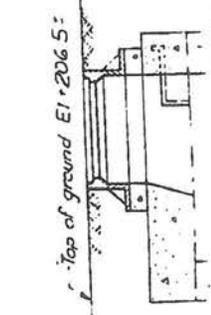
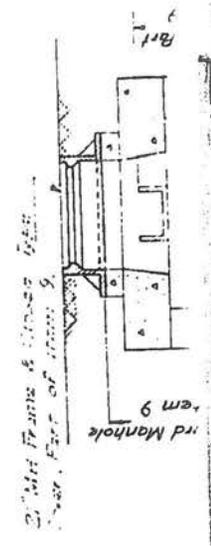


SECTIONAL PLAN

94-091



PLAN

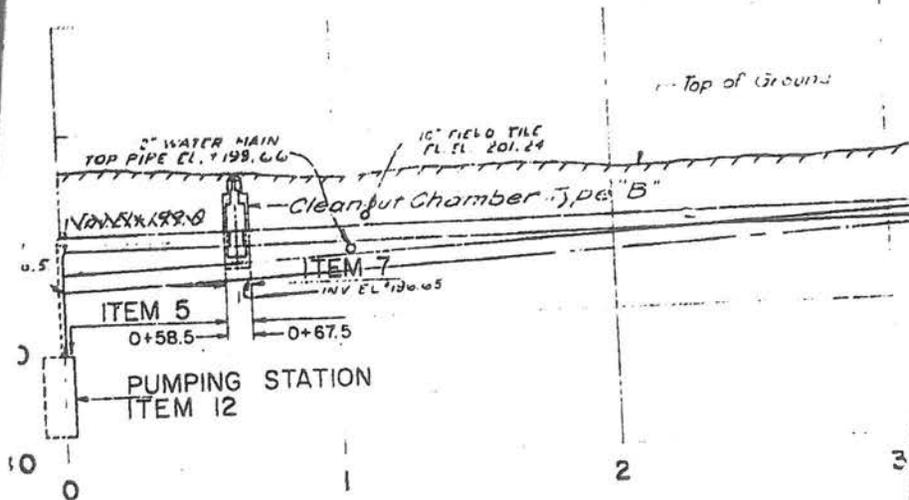


2" Mt. Plastic & Liner 1/4" ...  
near East of Item 9

Top of ground E1+206.5

2-5-D3@12"x4" HOF

on Steel or Iron  
 For details of bonding, test stations, ETC see sheet  
 Refer to Specifications for pipe materials used



94-091

- |                     |                   |
|---------------------|-------------------|
| ■ Test Pit          | ◆ Boring          |
| ▢ Inlet             | ■ S.D.C. Monument |
| ⊙ Water Manhole     | □ Vault           |
| ● Sewer Manhole     | ⊙ Fire Hydrant    |
| ◆ Catch Basin       | □ B.B. Water      |
| ◇ Light Pole        | ♀ B.B. Gas        |
| ⊗ Guy Pole          | △ Mail Box        |
| ○ Telephone Pole    | ♣ Sign            |
| ⊙ High Tension Pole | ● R.R. Gate       |
| ⊙ Stop Light        | ⊙ Coal Chute      |
| ⊙ Tree              | ○ Bush            |

Teacher Jr  
 Sales  
 17

*alal*  
 Engr. Of Sewer Design.

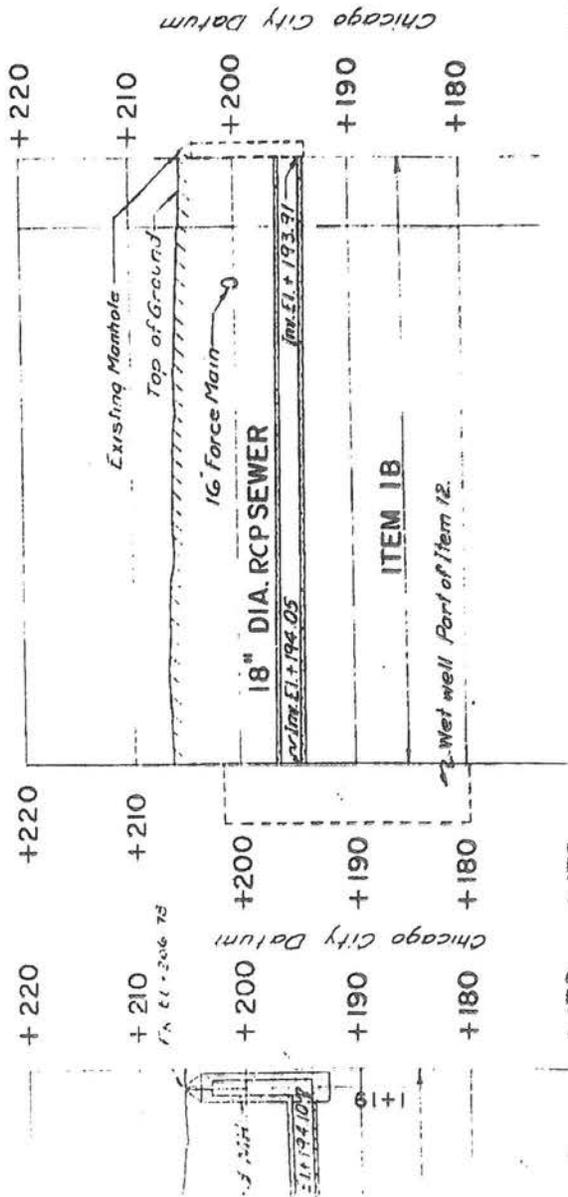
DEVON AVE

DEVON AVE

2.8" Water Main

94-091

# IN AT PUMPING STATION



Chicago City Datum

Chicago City Datum

Iron sec.

18" DIA. RCP SEWER

16" Force Main

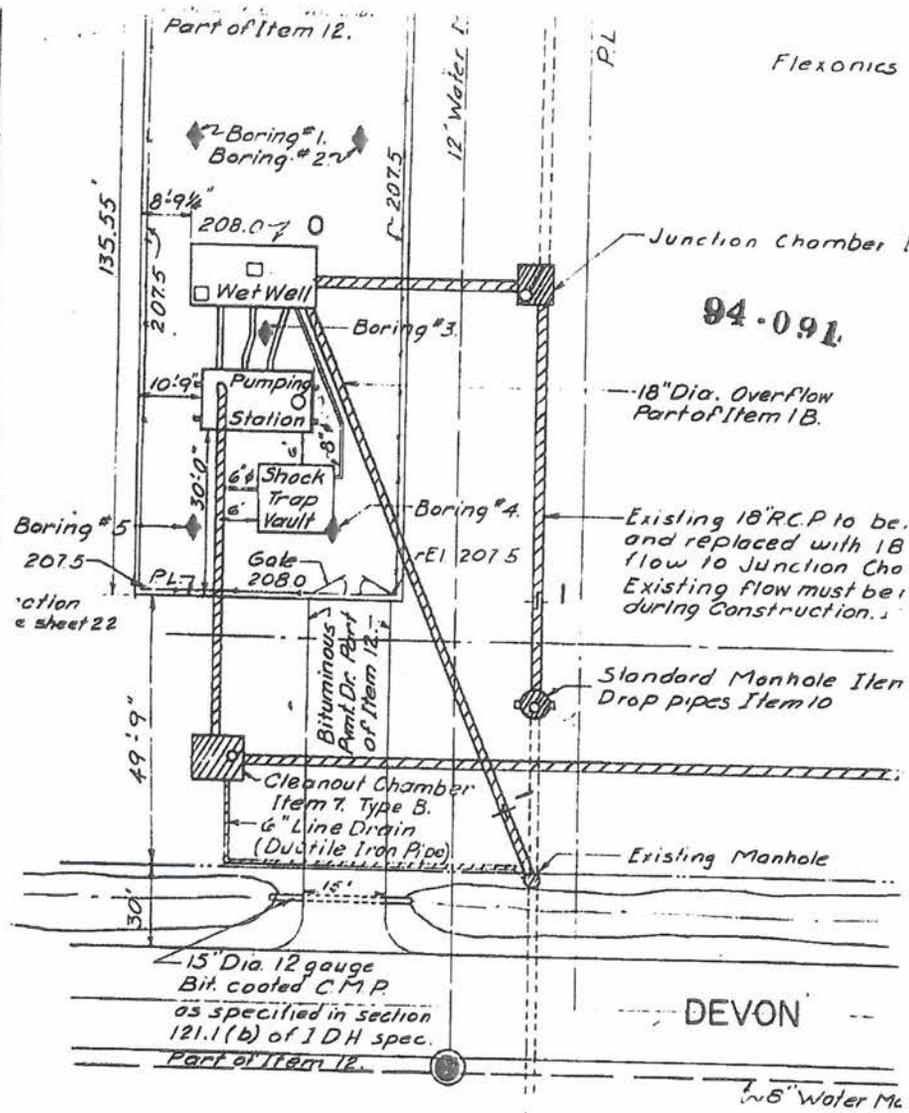
ITEM 1B

Wet well Part of Item 12.

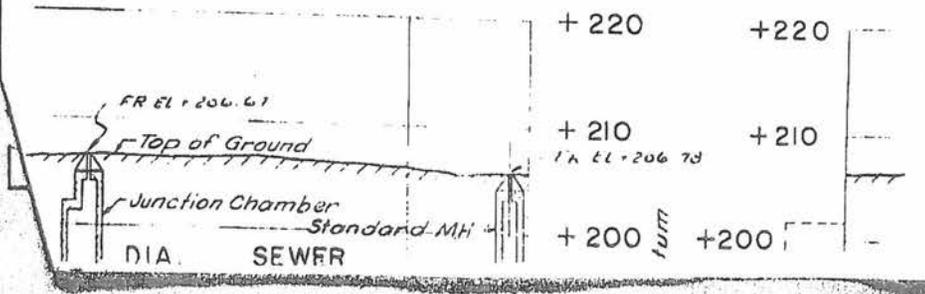
+220  
+210  
+200  
+190  
+180

+220  
+210  
+200  
+190  
+180

+170



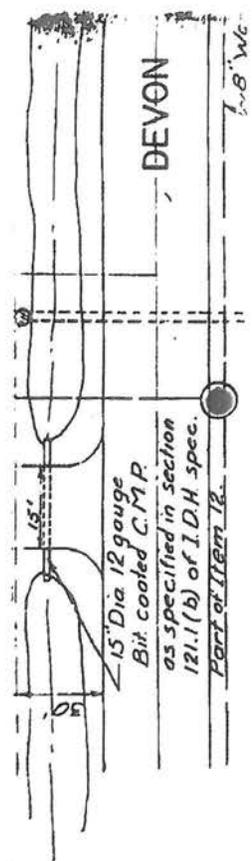
PLAN AT PUMPING S



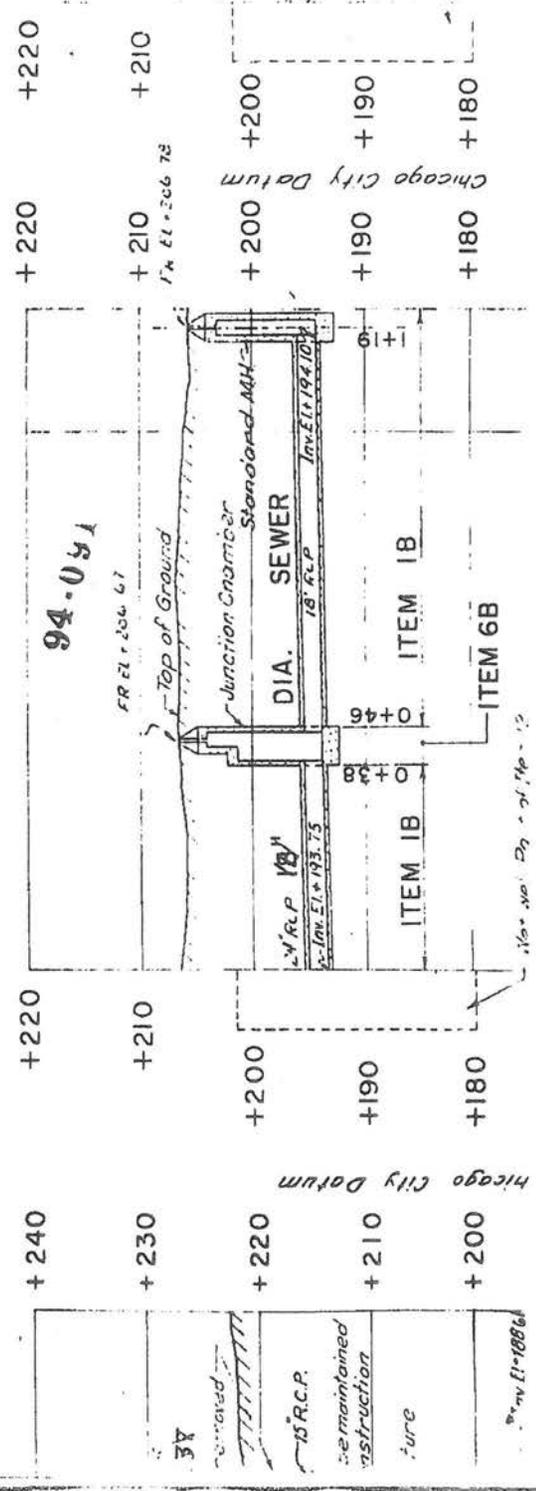
OF MH. EL. 223.37. C.C.D.

# TOWNSHIP

ation of stations 76+00 to  
50 on sheets B&9 increases  
'ract length 450' over that  
'cated by overall contract  
itions.



## PLAN AT PUMPING



Chicago City Datum

ITEM 1B  
ITEM 6B

FR EL. 206.67  
FR EL. 206.72  
Inv. EL. 193.75  
Inv. EL. 194.10

+240  
+230  
+220  
+210  
+200

+220  
+210  
+200  
+190  
+180

Inv. EL. 188.6



84-001  
INTER OFFICE MEMORANDUM  
THE METROPOLITAN SANITARY DISTRICT OF  
GREATER CHICAGO

DEPARTMENT: ENGINEERING

DATE: January 18, 1984

94-091

TO: Robert G. Currie  
Supervising Civil Engineer - Local Sewer Systems

FROM: Joseph R. Rakoczy  
Senior Civil Engineer

SUBJECT: Bartlett Sewer Rehabilitation and Flow Diversion Plan

NOV 8 1984

This summarizes and provides some background information on today's meeting on the Village of Bartlett sewer rehabilitation program which was attended by the engineering consultant for the Village (Messrs. Joseph Pavia, Dale Marting, and Steve Lacy of Pavia-Marting Company) and, for MSD, yourself, Robert Rurka, Amreek Paintal, and myself.

Pavia-Marting requested the meeting in order to discuss ways the Village can satisfy the MSD sewer rehabilitation requirements by diversion of excess flows to Du Page County. As covered in previous correspondence and meetings, the Village's SSES (1979), prepared as part of the Step 1 EPA grant application, proposed a cost-effective I/I removal of only 47.9%. This degree of reduction would not be enough to satisfy the MSD wet-weather flow compliance criteria of 100 gpcpd or water usage plus 500 qpd/idm infiltration. Subsequently, the Village proposed that rather than perform additional I/I removal beyond the 47.9% (additional I/I removal would not be Federally fundable), all flows in excess of our allowable limit be diverted to the Bartlett/Du Page County treatment plant. We have agreed in principle with this proposal, and the EPA has been reviewing the Village's Step 1 grant application for this plan and the necessary excess flow treatment facilities to be constructed in Du Page County. The specific amount of diversion and the method and facilities to achieve the diversion have not as yet been worked out by the Village, and were the main topics of discussion at the subject meeting.

A 1971 MSD-Village agreement currently in effect already provides for MSD collection and treatment of Bartlett, Cook County, flows up to and including 1.5 times average dry weather flow (the 1.5 factor is for the accommodation of diurnal flow variation, with diversion of the rest to Du Page County. Based on population and nonresidential water usage at the time the agreement was entered into, a weir was to have been installed in the piping system such that 0.6 MGD (0.4 MGD X 1.5) DWF would be directed to the MSD collection and treatment facilities and any excess, as would typically occur during wet weather, would be conveyed to Du Page County facilities. A weir was installed, but, the agreement notwithstanding, at a level such that MSD is accepting more than the allotted 0.6 MGD as long as there would be no detrimental impact on the MSD collection/treatment facilities. (Pumpage records for the MSD Bartlett Pumping Station show that flow rates have been as high as 2.9 MGD during wet weather).

When the MSD sewer rehabilitation requirements of Article 6-5 of the MOP became effective in 1973, removal of extraneous flows became mandatory and the discharge of I/I to MSD facilities eventually would no longer be tolerated. The Village's diversion proposal was viewed by MSD as fulfilling the MSD sewer rehabilitation requirements provided that the Village would demonstrate that extraneous flows remaining in the system after the 47.9% cost-effective removal will not result in basement flooding or other adverse surcharging effects.

*Same  
Solution*

Robert G. Currie  
January 18, 1984  
Page Two

94-091

SUBJECT: Bartlett Sewer Rehabilitation and Flow Diversion Plan

One somewhat knotty hydraulic-related problem has surfaced with the plan that has necessitated modification of our original conditions for acceptance of the plan. We originally advised the Village that its engineers must design a suitable diversion control facility along either of the following schemes.

1. A mechanically-operating gate, weir, or orifice that would adjust its outflow rate in tandem with the normal diurnally varying dry-weather sewage flows. Excess flows would flow to Du Page County. This plan could possibly entail use of a timing device which would activate the flow control device to allow more flow to the MSD facilities during peak flow hours and less flow during low flow hours.
2. An arrangement consisting of a flow totalizer device and a control gate. The totalizer would record total flow volume and after the Village's allotted 100 gpcpd volume during an established time period is reached, the gate would be activated so that all additional flows for the remainder of the time period would be conveyed to Du Page.

At the meeting, the Village's consultant stated that no simple, reliable means of achieving the above has been identified. We essentially concurred that simplicity and reliability is desired, and probably no uncomplicated, easily maintained, gravity-operated device exists that would yield predetermined, time-varying discharge rates.

Therefore, subject to eventual approval from upper MSD management, the Village's consultant was advised to proceed with the design of a structure with an adjustable weir that will be set to split flows from Bartlett Cook County such that maximum discharge to MSD will be the peak average diurnal flow of 150 gpcpd. Although it is recognized that MSD will on occasion receive more than the average daily flow of 100 gallons/capita/day prescribed by MSD, this is expected to only occur during wet weather. The weir will be set at a fixed position but have a manual adjustment feature should it be found (from MSD Bartlett pumping station records) that average peak dry weather flows are significantly higher or lower than anticipated, or should flows increase due to Village growth. In order to reduce the effect of head on the discharge rate, it was agreed that a relatively long, sideflow type of weir should be used.

The consultant was requested to submit design sketches and supporting hydraulic calculations for the diversion structure in accordance with the above. Also to be submitted are current population figures and water usage data to establish the maximum permissible flow rate to be received by the MSD facilities (as based on 150 gpcpd). Also, data must be presented showing that Village basement sewage backup will not occur after the combination 47.9% I/I removal and flow diversion plan is implemented. The Engineering Department will confer with the M & O Department to determine the desired location of the structure (whether on MSD or Village property), and the maintenance responsibilities. An amendment of the pending agreement between the Village and MSD will be necessary.

Robert G. Currie  
January 18, 1984  
Page Three

94-091

SUBJECT: Bartlett Sewer Rehabilitation and Flow Diversion Plan

Also discussed during the meeting:

- The Village is currently preparing design plans and specifications for its cost-effective rehabilitation work for submittal to IEPA before April 30, 1984 so as to beat the October 1, 1984 deadline when Federal funding is reduced from 75% to 55%. Included will be the design of the excess flow treatment facilities in Du Page County, and, eventually, the above flow diversion structure.
- The Village's engineers will check the existing sewer layout in the vicinity of the MSD Bartlett Pumping Station. Several discrepancies exist between the Village's sewer atlas and the District's as-built site plan drawing. One questionable item is a 24" sewer supposedly entering an MSD junction chamber from the northeast.
- The Village has inspected roughly 85% of its residences for illegal connections. Although a number of connections were found, no firm plans have yet been made to pursue correction of the violations.

JRR/rp

*Joseph R. Rakoczy*  
Joseph R. Rakoczy  
Senior Civil Engineer

cc: Messrs. Leland(Paintal)/Rurka/Griesbach

FYI: Messrs. Macaitis/Currie/Rurka(Rakoczy)/Griesbach

94-091

March 6, 1984

Mr. Dale V. Marting, P.E.  
Pavia-Marting and Company  
130 East Elm Street  
Roselle, Illinois 60172

RECEIVED  
NOV 6 1984

SUBJECT: Village of Bartlett Sewer Rehabilitation (V.C. No. 4027)  
LE.  
BY \_\_\_\_\_

Dear Mr. Marting:

Reference is made to your letter dated December 13, 1983, to the letter dated January 13, 1984, together with attachments, from Mr. Stephen M. Lacy, P.E., of your firm, and to our meeting held January 18, 1984 on the Village's sewer rehabilitation program and excess flow diversion plan.

As stated in our letter to you dated February 5, 1982, the MSD agrees in principle with the Village's sewer rehabilitation and excess flow diversion plan, and we support the Village's efforts to obtain EPA funding to implement the plan. Summarizing the plan and its development, our review of the Village's SSES (1979) revealed that estimated I/I removal via the EPA grant-fundable program would be 47.9%, which would fall short of meeting the MSD compliance criteria. Subsequently the Village proposed that it satisfy the MSD sewer rehabilitation requirements by (1.) performing the cost-effective rehabilitation work recommended in the Village's SSES report (1979), which is estimated to yield 47.9% I/I removal, and (2.) implementing a plan whereby the dry-weather sanitary sewer flow from Bartlett Cook County, will be conveyed to the MSD Hanover Park Treatment Plant, and any and all flow in excess of the dry-weather flow, as would typically occur during rainy weather, will be diverted to non-MSD-owned treatment facilities in DuPage County (outside the MSD area).

As previously discussed, while we accept this plan in principle, final approval by the District will be contingent upon the following:

1. It must be demonstrated by the Village that basement flooding or other adverse surcharging effects resulting from excessive extraneous flows in the sanitary sewer system will not occur after implementation of the plan. If study reveals that basement flooding or other detrimental surcharging will continue to occur after implementation of the plan, then sufficient additional sewer rehabilitation work to further reduce the amount of infiltration/inflow must be proposed and performed beyond the work called for in the Village's SSES.

Mr. Dale V. Marting, P.E.  
Pavia-Marting and Company  
March 6, 1984  
Page Two

94-091

SUBJECT: Village of Bartlett Sewer Rehabilitation (V.C. No. 4037)

2. Submittal by the Village of an acceptable engineering design for the necessary flow diversion structure and appurtenances. The design will ensure that flows to the MSD plant will not be in excess of the dry weather flow. Any modification to the operational procedure of the MSD Bartlett Pumping Station and attendant facilities which may be required as a result of the plan must be acceptable to the District.

3. The extant 1971 MSD-Bartlett agreement concerning flow diversion currently being allowed to take place must be appropriately revised and accepted by both parties. The exact maximum volumetric rate of flow to be received by the District under the plan is to be ascertained by the Village on the basis of population equivalent following the criterion of 150 gallons/capita/day (1.5 X 100 gpcpd average dry weather flow), or, optionally, water usage plus allowable infiltration of 500 gpd/ldm. Supporting data and calculations must be submitted for our review and approval.

Final approval of the plan will be required by the MSD Board of Commissioners.

It should be noted that all costs relating to the design and construction of the diversion structure and appurtenances, and the new conveyance and treatment facilities for the diverted (excess) flows, as well as all costs for operation and maintenance of the new conveyance and treatment facilities and sewer rehabilitation of the Village's system, will be borne by the Village or by parties other than the District.

If you have any questions, please contact us. Your cooperation is appreciated.

Vary truly yours,

RBR  
JRM/rd

*Robert G. Currie*  
Robert G. Currie  
Engineer of Local Sewer Systems

cc: Valerie Salmons, Village Administrator  
Village of Bartlett

**P-M**  
PAVIA MARTING & CO.  
130 E. ELM STREET  
ROSELLE, ILLINOIS 60172  
312 526-8000

REGISTERED PROFESSIONAL ENGINEERS  
ILLINOIS · INDIANA · IOWA · MICHIGAN  
OHIO · WISCONSIN

March 16, 1984

OFFICE COPY

The Metropolitan Sanitary District  
of Greater Chicago  
100 East Erie Street  
Chicago, IL 60611

84-091

ATTN: Mr. Joseph R. Rakoczy, P.E.  
Local Sewers

NOV 6 1984

RE: Devon Ave. First Flush and  
Excess Flow Facilities  
Bartlett, (Cook County) IL

LCC  
BY

Dear Mr. Rakoczy:

This is to confirm our meeting of January 18, 1984 regarding the above Project. A first flush and excess flow facility is proposed at the old treatment plant site south of Devon Ave. Bartlett has applied for a Step 3 Grant for the construction of the facilities.

A diversion chamber is proposed to be constructed on the influent sewer to the MSD lift station located on Berteau Ave., north of Devon Ave. The dry weather flow of 0.975 mgd (677 gpm) would flow to the MSD lift station. The excess flow would be diverted to the excess flow facilities for treatment.

The Sanitary Sewer System Evaluation Survey and the recommended rehabilitation program does not include relief sewers for conveying excess flows. After the rehabilitation program is completed, basement flooding or other adverse surcharging should not occur.

Attached are the following:

- a. Plan and Specifications for the Excess Flow Facilities
- b. Plans for the Diversion Chamber
- c. An Application for a Sewage System Permit
- d. Calculations for flows to the MSD Lift Station

We would appreciate your approval and/or comments regarding the diversion chamber. Please let us know if you have any questions.

Sincerely yours,

PAVIA-MARTING & CO.  
AN ILLINOIS CORPORATION  
CONSULTING ENGINEERS

*Joseph R. Pava*  
Joseph R. Pava, P.E.

cc Valerie Salmons, Village Administrator  
Orlo Benson, Superintendent of Public Works

CONSULTING ENGINEERS: CIVIL · MUNICIPAL · ENVIRONMENTAL

OFFICE COPY 84-091

FYI: Messrs. Macaitis/Currie/Rurka(Rakoczy)/Griesbach/Stromblad

July 26, 1984

RECEIVED

NOV 6 1984

LCG - 11/6/84

Mr. Joseph Pavia, P.E.  
Pavia-Harting and Company  
130 East Elm Street  
Roselle, Illinois 60172

SUBJECT: Bartlett Flow Diversion Facilities; MSD Sewer Permit Application  
No. 84-091, Submittal No. 3  
Bartlett Sewer Rehabilitation (Violation Complaint No. 4037)

Dear Mr. Pavia:

This is in confirmation of today's telephone discussion between yourself and Messrs. Joseph R. Rakoczy and Artie Stromblad of this office. As discussed, our review of your "Reply to MSDGC Review Comments Dated June 28, 1984" reveals that a number of items remain in need of clarification or resolution, namely:

1. Relative to the detail of the sanitary sewer plug to be used, as discussed, a minimum 2 foot length of concrete placed in the sewer is more desirable than the brick installation now shown on the plans.
2. Concerning the water usage figures presented in your item no. 4, please advise us as to what the figures represent (i.e., an annual average, monthly average, etc.), and submit a copy of the water usage records and calculations on which the figures are based. Note that water usage for the warm-weather months should be adjusted by appropriate factor, i.e., 0.8-0.9, to reflect that a portion of the water consumed during the period is not discharged to the sewer system due to lawn sprinkling, car washing, etc.
3. A statement is made in your review comments, item 4, that because the diversion facility has been designed to convey 0.975 MGD to the MSD plant, it will be adequate to handle the estimated 0.735 MGD dry-weather peak flow. As discussed previously (refer to our letter dated March 6, 1984 copy attached), the District will not accept flows in excess of the peak flow as determined on the basis of 1.5 times the average daily dry-weather flow. Hence, in this case, the 0.735 MGD peak flow (assuming it is correct) would be the maximum allowable flow rate to be directed to the MSD facilities. All flow in excess of this amount is to be conveyed to the DuPage County facilities for handling. Please revise the diversion structure design calculations and drawings accordingly.

Mr. Joseph Pavia, P.E.  
Pavia-Marting and Company  
July 26, 1984  
Page Two

94-091

SUBJECT: Bartlett Flow Diversion Facilities; MSD Sewer Permit Application  
No. 84-091, Submittal No. 3  
Bartlett Sewer Rehabilitation (Violation Complaint No. 4037)

4. As discussed with members of your staff during a recent inspection of the project site, the plans (sht p7 of 7) show the "SE" invert elevation of MH A to be 770.35 and the north invert elevation of MH B to be 770.25, indicating that flow in the interconnecting 18" sewer line is in a southerly direction. Note that the arrows shown on the 18" line indicate a downward slope in the opposite direction. Since the MSD as-built drawings, and other records, indicate a downward slope from MH B to MH A, please recheck the appropriate invert elevations of these manholes in your drawing.

Also, note that since the 10" line between MH B and C is being abandoned (and this line was observed jointly by members of your staff and ours to be flowing in the opposite direction from that shown on the drawing), a sewage conveyance and settlement problem will result at MH B if, as shown on the drawing, there are two sewers discharging to it, and no sewer discharging away from it, except after a sufficiently high depth of flow is reached.

5. Sheet p7 of 7 shows a 12" sewer entering or emerging from Manhole C on the west side. We note, however, that item no. 6 of your reply comments states that this "appears to be a stub." Please verify, if necessary, and revise the drawing accordingly.

6. As was stated in earlier discussions and correspondence, the Village's flow diversion proposal will not be acceptable to the District as a means to comply with the rehabilitation requirements (Article 6.5 of the Manual of Procedures) unless the Village submits a satisfactory plan of action, and timetable for a program to eliminate external and internal private sector illegal connections within the Cook County portion of the Village. While we do note your statement in item no. 8 of the comment sheet that illegal connections "have been located and identified," we as yet have not received the required plan of action and schedule. We reiterate that without a firm commitment and follow-through by the Village on the matter of the elimination of illegal connections, the District will not dismiss the sewer rehabilitation violation case against the Village.

7. Also as stated in previous discussions and correspondence, our approval of the diversion proposal is further contingent upon substantiation that basement flooding or other adverse surcharge effects due to wet-weather flows will not occur in the Cook County portion of the Village's system as a result of implementation of the proposed project. Your statement relative to basement flooding in item no. 7 refers to peak dry-weather flow conditions.

Please make the appropriate corrections/revisions to the drawings and calculations as reflected in our items 1 through 5 to enable us to process this permit application. Items 6 and 7, concerning illegal connections and adequacy of the local sewer system,

Mr. Joseph Pavia, P.E.  
Pavia-Marting and Company  
July 26, 1984  
Page Three

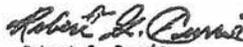
94-091

SUBJECT: Bartlett Flow Diversion Facilities; MSD Sewer Permit Application  
No. 84-091, Submittal No. 3  
Bartlett Sewer Rehabilitation (Violation Complaint No. 4037)

should be complied with within 90 days of the date of this letter. (Please note that if all the other application deficiencies are resolved, our issuance of the sewer permit will not be held up because of non-submittal of the information requested in our items 6 and 7. Rather, a special condition will be placed on the permit, when and if issued, prescribing that submittal of the information must occur within a certain reasonable time period.)

We invite your attention to the fact that the permit application was received by MSD on March 22, 1984, and review commenced shortly thereafter on April 6, 1984. During the course of our review, several meetings and numerous telephone discussions have taken place, several deficiency-related letters have been sent, and a site inspection and elevation survey has been conducted by MSD personnel, all in an effort to facilitate and assist in the resolution of the questions and deficiencies surrounding the application so that further delay and possible jeopardy of the Village's pursuit of EPA grant funding for this project will not occur. Please be advised that if there is any question about our requirements and requests for information, please contact us immediately.

Very truly yours,



Robert G. Currie  
Engineer of Local Sewer Systems

JRR/rp  
Attachment

cc: Valerie Salmons  
Village Administrator  
Village of Bartlett

RECEIVED

REPLY TO MSDGC  
REVIEW COMMENTS

NOV 8 1984

DATED JULY 28, 1984 LCC - MSD OFFICE  
APPLICATION NO. 84-091 BY \_\_\_\_\_

DEVON AVE. FIRST FLUSH AND EXCESS FLOW FACILITY

1. Field checking the bench marks revealed a difference of 3.27 feet between USGS Datum and the elevation used for the plans. A conversion factor of 3.27 feet must be added to our plan elevations to convert to USGS Datum. A note regarding this has been added to the cover sheet.
2. Weir is located in MH B. The weir will be removed as part of this project. A note regarding the weir has been added to sheet P7 of 7 per MSDGC request, for its removal and remaining the property of MSD.
3. A detail of a sanitary sewer plug has been added to the plans, see sheet P7 of 7. The plug will consist of concrete which shall be two (2) ft. in length, minimum.
4. The water consumption shown on the previous submittal was for January 1, 1982 through December 31, 1982. The water consumption for January 1, 1983 through December 31, 1983 is as follows:

	Gal/Day	Gal/Yr.
Commercial	- 18,466	- 6,740,090
* Industrial	- 204,123	- 74,505,000
Residential	- 358,301	- 130,780,000
	580,890	212,025,090

\* Includes Inst. & Gov. - not broken out by Bartlett at this time.

Since some water is not returned to the system due to lawn sprinkling, etc., we will use a factor of 85% of the residential consumption as entering the sanitary sewer system during the months of May, June, July, August, and September. Therefore, the deduction from the daily average flow for May through September is 358,301 gpd x 15% = 53,745 gpd.

The residential consumption that would enter the sanitary sewer system would be as follows:

January through April - 358,301 gpd x 120 days = 42,996,120 gal/yr.

May through September - (358,301 gpd - 53,745 gpd) x 153 days = 46,597,068 gal/yr.

October through December 358,301 gpd x 92 days = 32,963,692 gal/yr.

122,556,880 gal/yr.

= 335,772 gpd

94-091

DIVERSION CHAMBER FOR EXCESS FLOWS

The MSDGC will accept a peak flow of 1.5 times the daily average flow of 558,361 gpd (Based on 1983 water consumption records)

Therefore,  $0.558 \text{ mgd} \times 1.5 = 0.837 \text{ mgd}$  (581 gpm). With a six (6") inch diameter restrictor in the influent sewer to the MSD Lift Station, the head required is as follows:

From Cameron Hydraulic Data,  $Q = 19.636Kd^2 \sqrt{h}$

$$K = 0.61$$

$$d = 6", d^2 = 36$$

$$Q = 581 \text{ gpm}$$

$\sqrt{h}$  = head required for 581 gpm to flow through a 6" diameter restrictor

$$\sqrt{h} = \frac{Q}{19.636Kd} = \frac{581 \text{ gpm}}{19.636 \times 0.61 \times 36}$$

$$\sqrt{h} = 1.35'$$

$$h = 1.82' \text{ required}$$

With  $3 \frac{1}{2}"$  flow over the top of the weir, the top of should be  $1.82 - 0.29' = 1.53'$  above the bottom of the 6" restrictor.

Invert of 6" restrictor	770.20
	<u>1.53</u>
Top of Weir	771.73

Invert of 18" at chamber for excess flow - 770.50

The new lift station at the Excess Flow Facilities can pump 1000 gpm with two (2) pumps operating. The weir should be (5') ft. in length. With a water level of  $3 \frac{1}{2}"$  over the weir, the flow would be 1167 gpm.

The daily average flow for 1983 is 558,361 gpd for the Commercial, Industrial and Residential consumption.

The peak flow is  $558,361 \text{ gpd} \times 1.5 = 837,542 \text{ gpd}$   
 $= 0.837 \text{ mgd}$

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5. The existing junction chamber labeled MH A on sheet P7 of 7 and located just east of the MSD Lift Station, does have a 24 inch line from the NE. The 24 inch is a relief line for the 15 inch sanitary sewer which enters from the north. See the attached exhibit.
6. The existing manhole labeled MH B on sheet P7 of 7 does have a 12 inch pipe from the east which carries flow from residential and industrial areas on the north side of Devon Ave., Cook County. The west pipe at MH B appears to be a stub. MSDGC records indicate east and west stubs at this manhole. The east stub has been used for the 12 inch line. The Plans show a stub to the west.

The inverts were checked again and have been revised as shown. The pipe has a slight slope to the north. Our field engineer verified that the flow was from the north to the south at the time it was checked by our office and MSD. The reversed flow was due to debris on the bar screen in the MSD lift station which obstructed the normal flow pattern.

7. The excess flow facilities were designed based on the remaining peak wet weather flow of 1.377 mgd after the sanitary sewer rehabilitation is completed, as recommended in the Sanitary Sewer System Evaluation Report. The remaining peak wet weather flow will not contribute to basement flooding. Further substantiation will follow on this matter within the next 90 days.

PAVIA, MARTINO & CO.  
AN ILLINOIS CORPORATION  
CONSULTING ENGINEERS

Joseph D. Pavia, P.E.  
JDP



THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO

CERTIFICATE OF TESTING

Permit No. 84-091 Project Down Ave. First Flush/Excavation Facilities Sheet      of     

Location Down Ave/Bear Team Ave Municipality Barrlett

PARTIAL TEST No.      (Description of portion tested must appear herein and in R. F. I.)

SINGLE TEST ENTIRE PROJECT ) DETENTION REQ. YES ( ) NO ( ) COMPLETED YES ( ) NO ( )

TYPE OF TEST: Infiltration ( ) Exfiltration ( ) Air Pressure ( ) Visual (  ) Other ( )

From							
To							
Diameter - inches	<u>18"</u>						
Length - feet	<u>70</u>						
Water table above crown - ft.	<u>1.5</u>						
*Allowable - gal/day							
Measured - gal/day							
Allowable Pressure Drop - psi							
Time Allowable - sec							
**Initial gauge pressure - psi							
Final gauge pressure - psi							
Actual pressure drop - psi							
Pass/Fail	<u>PASS</u>						

Building Connection ( ) M. H. @ Connection ( ) Direct Connection ( ) Main Line Only (  )  
 Main Line W/Service ( ) % Services Allowed      % As Builts Required ( )

\*Infiltration/exfiltration based on 200 gals/mile/day/inch diameter of pipe.  
 \*\*Initial gauge pressure shall not be less than 3.5 psi; and shall be increased 0.5 psi for every foot of ground water present above the crown of the sewer.

COMMENTS:       
    

The undersigned hereby certify that the project above has been tested as shown, and that the test results are as indicated above.

      
Seawater/Shaes Inc  
 CONTRACTOR

5-23-88  
 DATE OF TEST

MUNICIPAL INSPECTOR  
      
 INSPECTION/MUNICIPAL ENGINEER

Charles H. Anderson  
 MSD-AREA INSPECTOR  
      
 MSD-AREA ENGINEER

This certification DOES NOT constitute approval for occupancy of the above project. The project SHALL NOT be occupied until the RFI is executed and returned by the MSDGC.  
 MSD-I.SS-70-0807(0986)

The Metropolitan Sanitary District of Greater Chicago  
Local Sewer Systems Section

PERMIT CLOSE-OUT SHEET

Permit No. 84-091 Name of Project Down Ave First Flush/Excavation

Permittee Bartlett Inspection Engineer PAUL-MARTIN & Co.

Sewer Contractor Gloth Bros. Const. Inc. Date of Advance Notification 10-18-80

Date Sewer Work Started 5-29-87 Date Sewer Work Completed 5-30-88

Approx. Footage: Sanitary 70' Storm — No. of M.H.'s 10/10

Construction Proceeded: Continuously ( ), Intermittent ( ), No. of Field Inspections 15

TEST METHOD: Visual () Infiltration ( ), Exfiltration ( ), Air Pressure ( ), T. V. ( ),  
Other ( ), If other, specify type \_\_\_\_\_

TEST INFORMATION: Tested all at one time () Partial tests ( ), All tests passed ( ),  
Some tests failed ( )

APPROVAL: Date R. F. I. Received 5-20-88, Date of Final Inspection 5-27-88,  
No. of Partial R. F. I.'s —

PROJECT CONSTRUCTED IN ACCORDANCE WITH: Original approved drawings ( ),  
Approved revised drawings ( ), As Built drawings required ()  
As Built drawings approved on 6-7-88

VIOLATIONS: Yes ( ), No () V. R. No. — Violation in Field Compliance as of \_\_\_\_\_

REMARKS: \_\_\_\_\_  
\_\_\_\_\_

I certify that to the best of my knowledge, all violations discovered were duly recorded and  
that violations noted above have been corrected according to the pertinent signed agreements  
NOTE: COMPLETE REVERSE SIDE OF THIS SHEET

Charles A. Gibson 6-1-88  
Area Inspector Date

J. Stevens 6-11-88  
Area Engineer Date

[Signature] 6/4  
Field Supervisor Date

94-091

RECOMMENDED CHECK LIST

The following items as applicable should be observed and checked during construction. Check those items that apply to this project.

1. SANITARY/COMBINED SEWERS: N.A. ( )

Pipe sizes (✓), Pipe material (✓), Pipe joints (✓), Bedding Material (✓), Bedding thickness (✓), Line & Grade (✓), Approx. depth of M.H.'s ( ), Type of frame & cover ( ), Grade of frame & cover with respect to finished grade ( ), Manhole location with respect to storm drainage ( ), Drop M.H.'s ( ), Trench conditions (✓), Water table (✓), Drainage of area during construction ( ), Grade conflict with other underground construction ( ), Locations & crossings with respect to water mains ( ), Inspection M. H. only ( ).

2. STORM SEWERS: N.A. (✓)

Pipe sizes ( ), Pipe material ( ), Line & grade ( ), Grade conflict ( ), General drainage ( ), Inlet & catch basin location ( ).

3. DETENTION/RETENTION FACILITY: N.A. (✓)

a. ROOF STORAGE: N.A. ( ), Parapet walls ( ), Roof restrictors ( ), Sizes & Installation method ( ).

b. SURFACE STORAGE: N.A. ( ), Approx. area ( ), Finished grades [high & low points] ( ), Surface drainage ( ), Pipe restrictors ( ), Sizes ( ), Location ( ), Installation method ( ), Location of inlet structures ( ).

c. UNDERGROUND STORAGE: N.A. (✓), Verify sizes ( ), Pipe restrictors ( ).

d. DETENTION/RETENTION BASIN: N.A. (✓), Approx. size & depth of detention (if not certain, make measurement) ( ), If questionable, request cross-sections & calculations ( ), Verify area draining into detention basin ( ), Outlet control structure ( ), Size of openings ( ), Overflow weir & spillway ( ), Downstream conditions ( ), Erosion ( ), Paved channels ( ), Bank slopes ( ), Bank Stabilization: Seeding ( ), Sodding ( ), Rip-Rap ( ).

4. PUMPING STATIONS: N.A. (✓)

Warning system ( ), Standby power ( ), Simulated power failure ( ).

5. RESIDENTIAL PROJECTS: N.A. (✓)

Single Family ( ), Multi-family less than 25 units ( ), Some services inspected ( ), Some foundation plumbing inspected ( ), Swimming pool discharge ( ).

6. OTHER ITEMS: N.A. ( )

Rough grading (✓), Final grading (✓), Paving ( ), Overhead plumbing ( ), Separate sumps ( ).

redi-letter carbonless 448399 TRIP

TO Jim Timmons

FROM Chuck Anderson

SUBJECT AS-BUILTS FOR # 84-091, Denver Dist DATE 6/02/88

MESSAGE FIRST FLUSH AND EXCESS FLOW FACILITIES - Denver  
Bantlett

For your review 4 copies of AS-Built  
Drawings. AS-Built Required By condition # 6 of Permit  
your immediate review would be appreciated

SIGNED

REPLY

SIGNED Charles Anderson DATE 6/02/88

REDIFORM 45 472  
KRY FAX (50 5415) 4P 472

SEND PARTS 1 AND 3 INTACT -  
PART 2 WILL BE RETURNED WITH REPLY.  
DETACH AND FILE FOR FOLLOW-UP

carbonless

**REQUEST FOR FINAL INSPECTION AND APPROVAL**  
**METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO**  
 (To be typed and submitted in duplicate)

Permit No. 84-091 Name of Project Devon Ave.-First Flush & Excess Flow Facilities  
 Location Devon Avenue and Berceau Municipality Bertlett

Request is hereby made by the Permittee to the Metropolitan Sanitary District of Greater Chicago to approve the sewer project described above. The following information is submitted in support of the request:

\* \* \* \*

1. **CERTIFICATE BY MUNICIPAL-SYSTEMS ENGINEER:** (Required by MSD in all cases. For a building connection, execution of this certificate by Inspection Engineer is acceptable to MSD in lieu of execution by Municipal Engineer, if approved by Permittee).

Name Pavia-Marting & Company Telephone No. (312) 529-8000  
 Address 130 E. Elm Municipality Roselle

I hereby certify that the completed installation has been inspected and meets with my approval and satisfaction and is in accordance with applicable requirements. I hereby recommend the approval and acceptance of the above project.

Date June 3, 1987 Municipal Inspector [Signature]  
 Municipal Engineer [Signature] **P.E. SEAL**

\* \* \* \*

2. **CERTIFICATE BY PERMITTEE:** (Required by MSD in all cases).  
 I hereby certify that the project has been completed and approved; and that, to the best of my knowledge and belief, there has been no violation of any of the terms and conditions of the permit nor any Federal, State or local laws, rules, regulations and ordinances applicable to the project. I further certify that, regardless of the obligation of others, the responsibility for faithful compliance with the applicable rules and regulations rests with the Permittee.

Date June 3, 1987 By: Valerie Salmons  
 (Signature, Name & Title of Authorized Official)  
 Valerie Salmons, Village Administrator

\* \* \* \*

3. **CERTIFICATE BY INSPECTION ENGINEER:** (Required by MSD if project includes sewer laterals, mains or extensions. Not required by MSD if the sewer consists only of a building connection)

Name Pavia-Marting & Company Telephone No. (312) 529-8000  
 Address 130 E. Elm Municipality Roselle

I hereby certify that I have regularly inspected the project during the progress of construction, that I have approved the material and workmanship, that I have not allowed any defective materials or poor workmanship on the project, and that I have inspected and approved the completed construction before backfilling. I further certify that the completed construction meets with my approval and acceptance and that it is in substantial conformance with the plans and specifications. I further certify that I have not knowingly allowed any violation of the terms and conditions of the Permit or of any Federal, State or local laws, rules, regulations and ordinances applicable to the project. I recommend the approval and acceptance of this project.

Date June 3, 1987 Engineer's Representative [Signature]  
 Inspection Engineer [Signature] **P.E. SEAL**

\* \* \* \*

4. **APPROVAL BY METROPOLITAN SANITARY DISTRICT**

The project has been inspected and is hereby approved. (Test method  
 This approval does not constitute a release from other obligations under the permit.)

Date 6-4-87 [Signature] MSD Area Inspector [Signature] MSD Area Engineer **P.E. SEAL**

94-091

5. **CERTIFICATE BY SEWER CONTRACTOR:** (Not required by MSD. To be completed if required by Permittee or Co-Permittee).

Name Gluth Bros. Construction, Inc. Telephone No. 815-338-1662  
Address 1151 Laka Avenue Municipality Woodstock, Illinois 60098

I hereby certify that the above project has been constructed of approved materials and that the project has been completed in conformance with the intent of the plans and specifications and is hereby warranted to be free from defects. I further certify that I have read the MSD Permit covering the project and that I have not violated any of the terms and conditions of the Permit nor any of the Federal, State or local laws, rules, regulations and ordinances applicable to the project.

Date June 3, 1987 By Frank Gluth Pres  
(Signature, Name and Title)

\*\*\*\*

6. **CERTIFICATE BY DEVELOPER (CO-PERMITTEE):** (Not required by MSD. To be completed if required by Permittee).

Name \_\_\_\_\_ Telephone No. \_\_\_\_\_  
Address \_\_\_\_\_ Municipality \_\_\_\_\_

I hereby certify that the project has been completed to my satisfaction and is accepted by me. I assume full responsibility for any defects or malfunctions in the completed project and will undertake to correct same, regardless of the obligation of others. I further certify that I have not violated any of the terms and conditions of the permit nor any Federal, State or local laws, rules, regulations and ordinances applicable to the project.

Date \_\_\_\_\_ By \_\_\_\_\_  
(Signature, Name and Title)

\*\*\*\*

**PARTIAL TEST:** If only a portion of the system covered by the permit is to be tested and approved, describe below:

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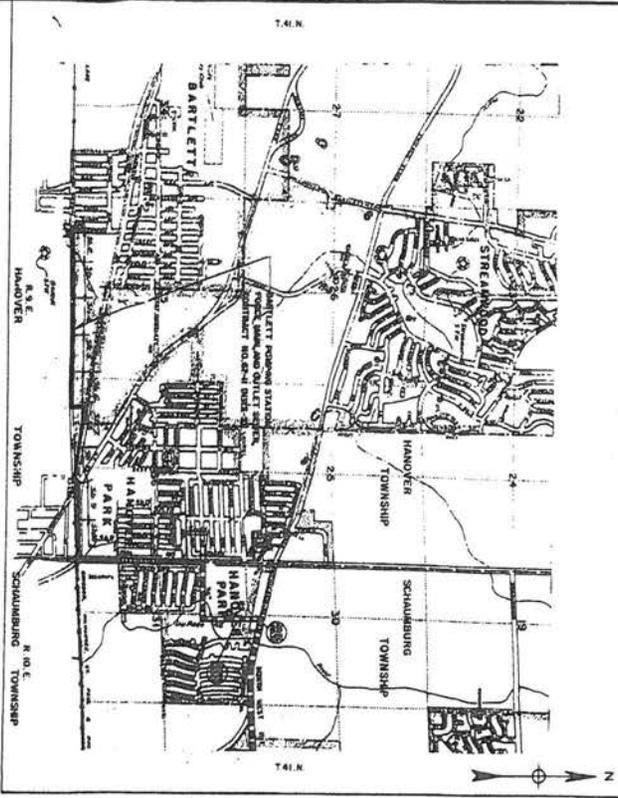
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EXISTING SEWERS **REVERSE**  
 PROPOSED SEWERS **REVERSE**

LOCATION MAP  
 SCALE 4" = 1 MILE

INDEX OF PLANS	
SHEET NUMBER	TITLE OF SHEETS
1	LOCATION AND INDEX
2 TO 13	PLAN AND PROFILE
14	PLAN AND PROFILE AND OVERFLOW DETAILS
B1021	SOIL BORINGS
22 & 22A	SEWER SECTIONS AND CONNECTION DETAIL
23	DROP STRUCTURE
24	PUMPING STATION
25-26	WET WELL DETAILS
27	JUNCTION CHAMBER AND CLEANOUT CHAMBER
28	CURVED MANHOLE AND CLEANOUT CHAMBER
29	SHOCK TRAP DETAILS
30	MECHANICAL DETAILS
31	ELECTRICAL DETAILS
32-33	STANDARD MANHOLE AND CONNECTION STRUCTURE
34	MANHOLE DETAILS
35	MANHOLE FRAME AND COVER
36	CATHODIC PROTECTION DETAILS

THE CONTRACT PLANS LISTED AND BOUND HEREIN ARE PART OF THE CONTRACT FOR BARTLETT PUMPING STATION, FOR THE RAIN AND OUTLET SEWER CONTRACT NO. 67-11 (A1.3-5)

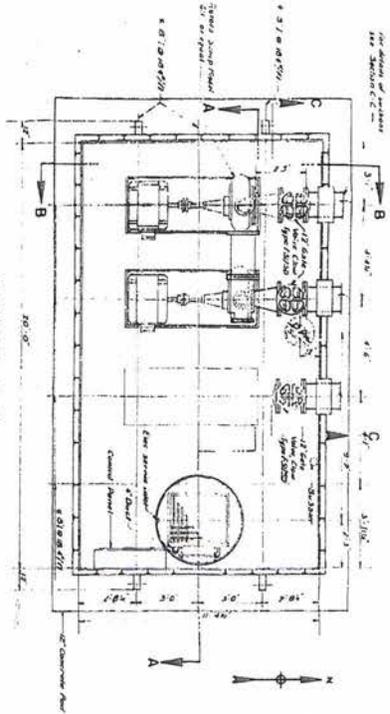
DATE July 11, 1948  
 BY John V. Schmitt  
 TITLE Engineer  
 FIRM W. H. Schmitt & Co.

DATE July 11, 1948  
 BY John V. Schmitt  
 TITLE Engineer  
 FIRM W. H. Schmitt & Co.

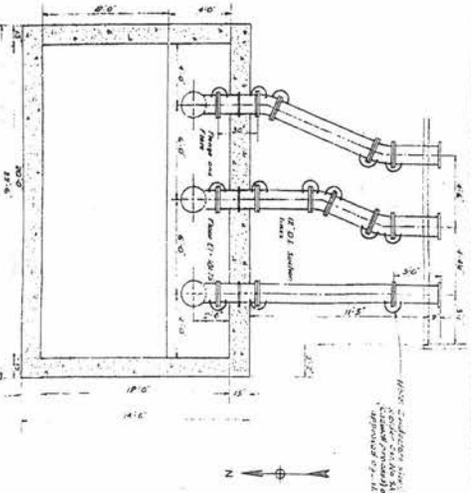
THE CITY ENGINEER'S OFFICE  
 OF CLARENCE COUNTY  
 BARTLETT PUMPING STATION  
 RAIN MAIN AND OUTLET SEWER  
 CONTRACT 67-11 (A1.3-5)  
 LOCATION AND INDEX

DATE 1948

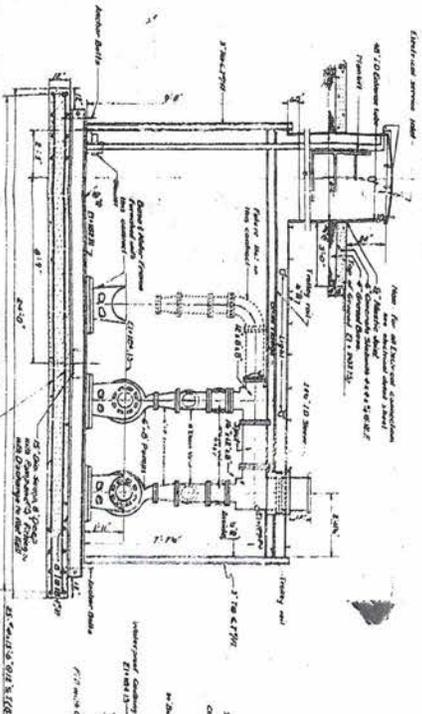
OFFICE COPY  
 EXCEPT AS NOTED  
 84-091



SECTIONAL PLAN



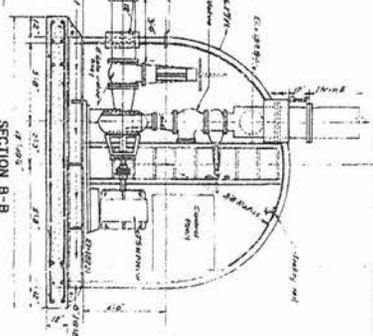
SECTIONAL PLAN OF WET WELL & SUCTION LINES



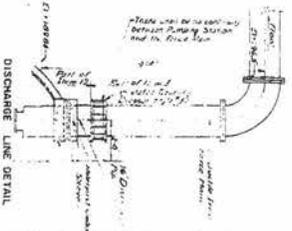
SECTION A-A

PUMPING STATION

ITEM 12

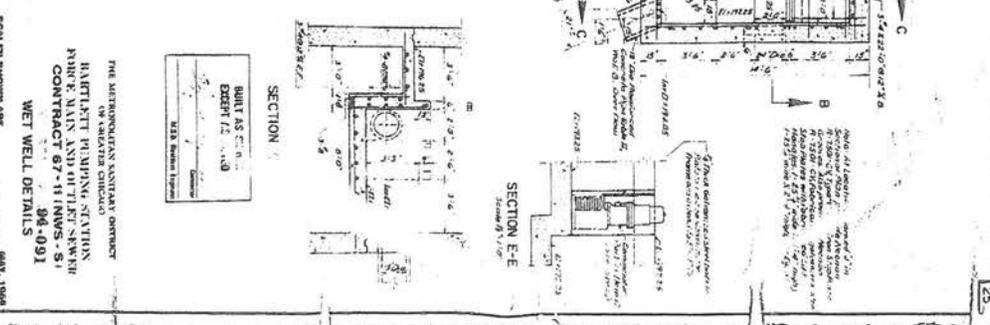
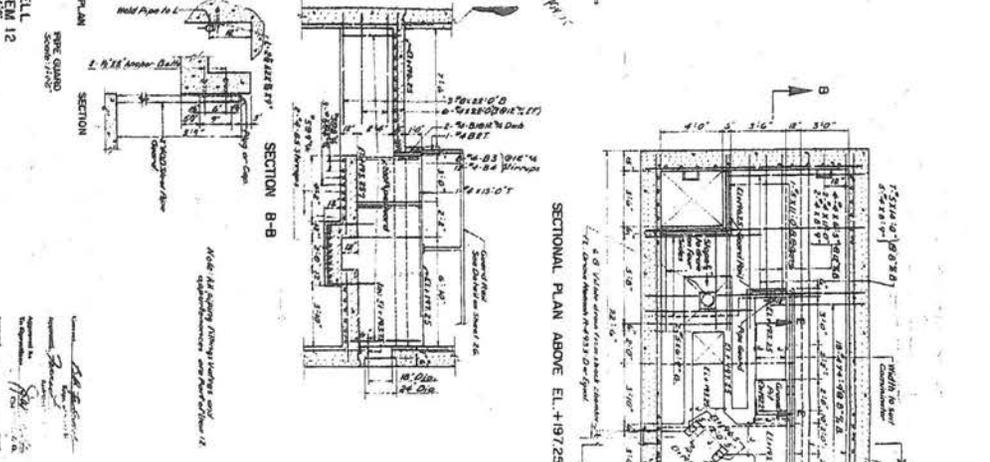
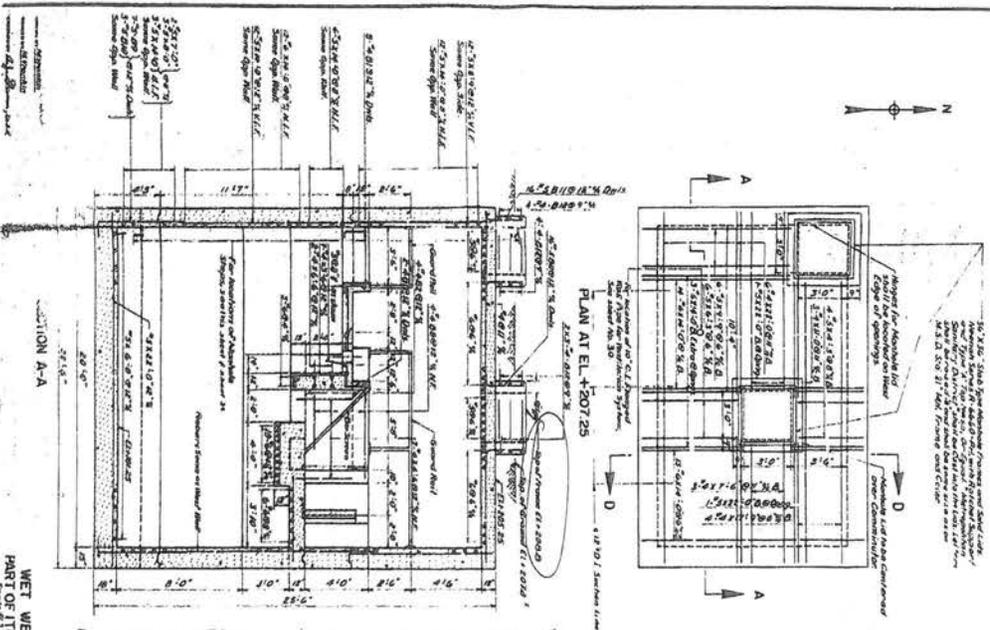


SECTION B-B



DISCHARGE LINE DETAIL

ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN FEET AND INCHES.  
 1/4" = 1'-0"  
 1/8" = 1'-0"  
 1/16" = 1'-0"  
 1/32" = 1'-0"  
 1/64" = 1'-0"  
 1/128" = 1'-0"  
 1/256" = 1'-0"  
 1/512" = 1'-0"  
 1/1024" = 1'-0"  
 1/2048" = 1'-0"  
 1/4096" = 1'-0"  
 1/8192" = 1'-0"  
 1/16384" = 1'-0"  
 1/32768" = 1'-0"  
 1/65536" = 1'-0"  
 1/131072" = 1'-0"  
 1/262144" = 1'-0"  
 1/524288" = 1'-0"  
 1/1048576" = 1'-0"  
 1/2097152" = 1'-0"  
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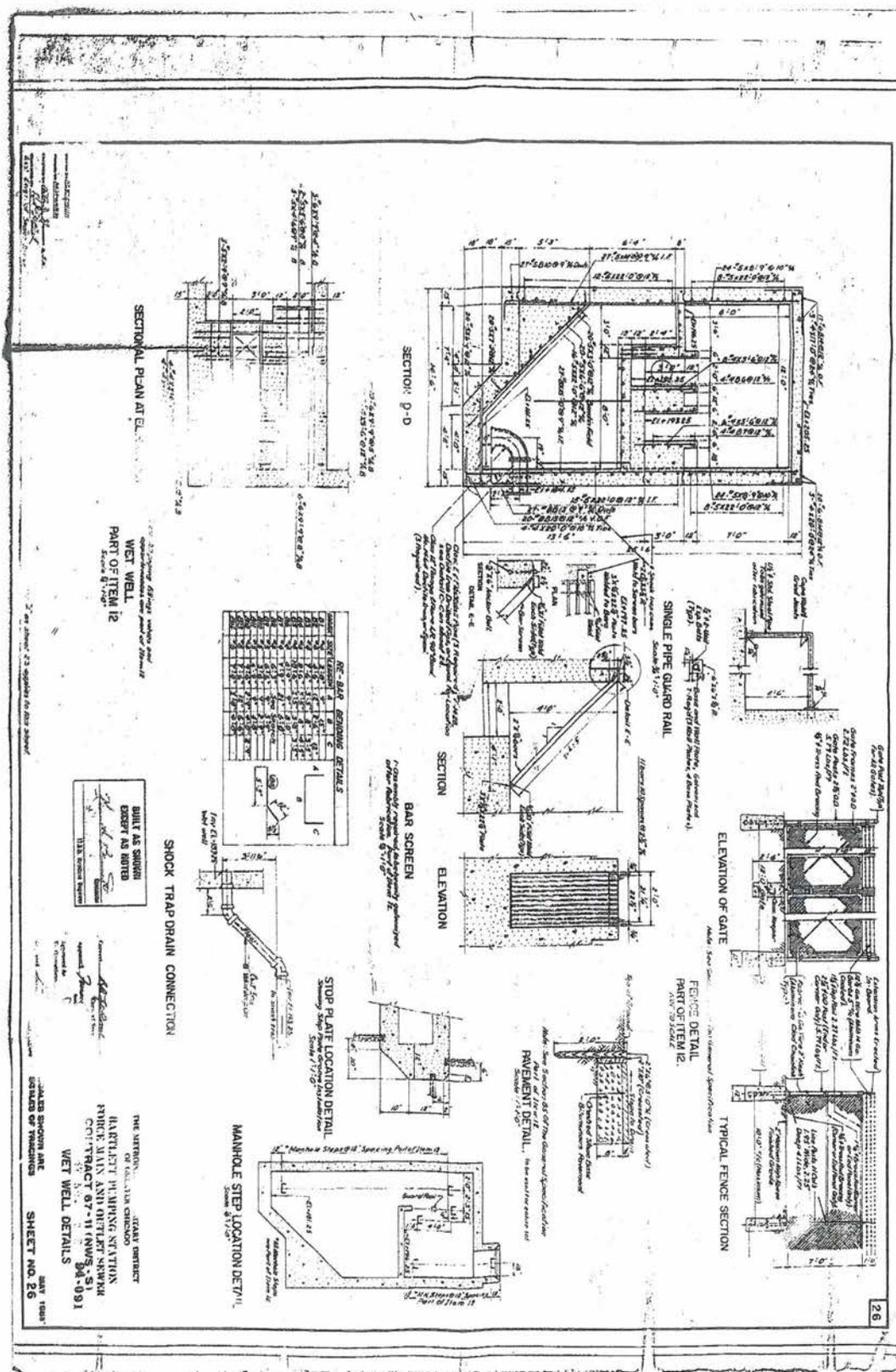


THE METROPOLITAN WATER SUPPLY DISTRICT  
 HARLEIGH PARKING STATION  
 PUMP MAIN AND OFF-LET SEWER  
 CONTRACT 67-11 (NWS-5)  
 94-091

WET WELL DETAILS

DATE 1968

SHEET NO 25



SECTIONAL PLAN AT ELEVATION

SECTION P-D

WET WELL  
PART OF ITEM 12

SHOCK TRAP DRAIN CONNECTION

STOP PLATE LOCATION DETAIL

MANHOLE STEP LOCATION DETAIL

SINGLE PIPE GUARD RAIL

ELEVATION OF GATE

FENCE DETAIL  
PART OF ITEM 12

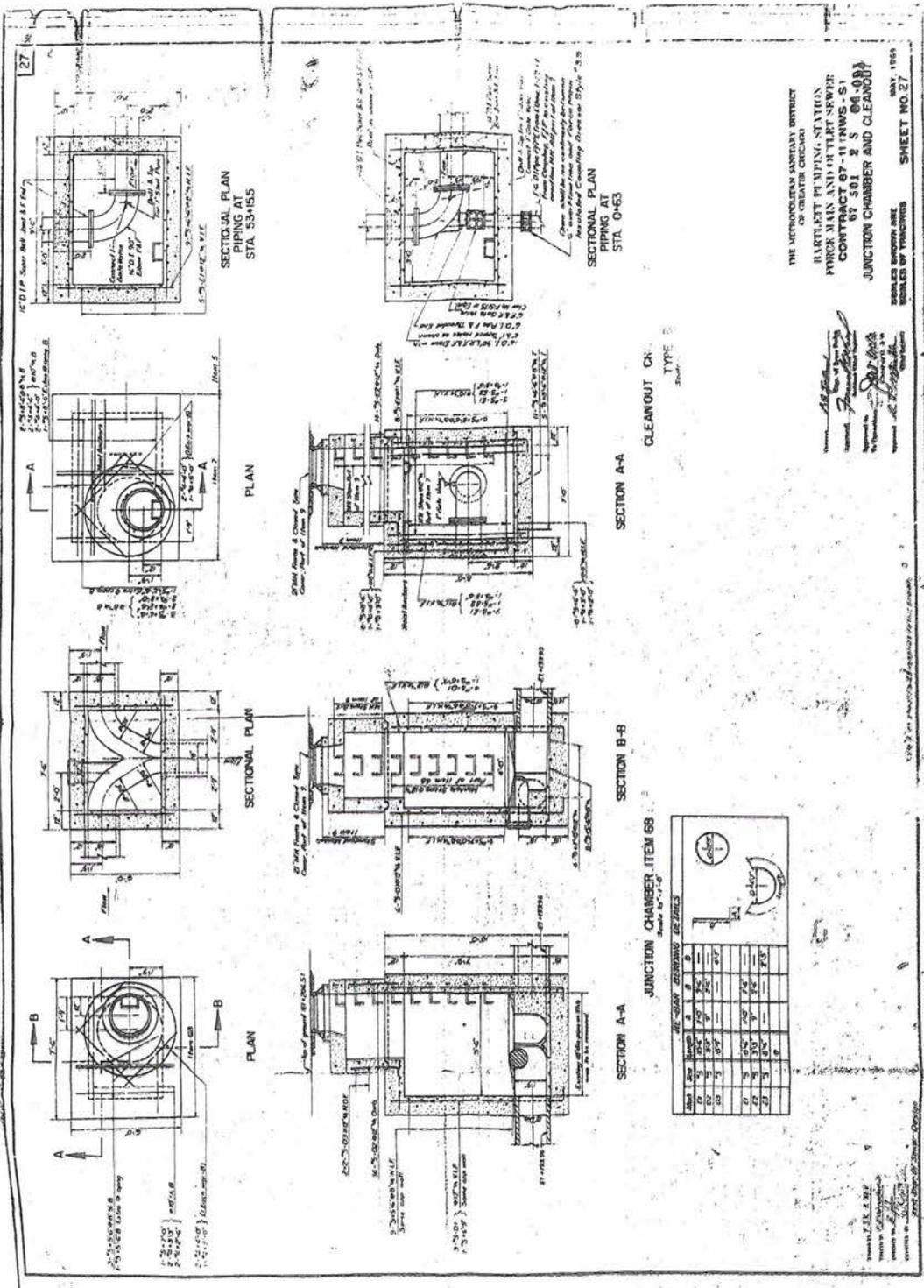
TYPICAL FENCE SECTION

BUILT AS SHOWN  
EXCEPT AS NOTED

THE STRUCTURE IS TO BE CONSTRUCTED AT THE LOCATION OF THE EXISTING WET WELL AT THE HARTLETT PUMPING STATION, 3RD STREET, TRACT 67-11 (NWS) 51, WET WELL DETAILS.

ALL SHOWN ARE SCALES OF TRACINGS

SHEET NO. 26



THE METROPOLITAN SANITARY DISTRICT  
OF GREATER CHICAGO  
HARTLIFT PUMPING STATION  
PURGE MAIN AND START SEWER  
CONTRACT 87-11 INWS-S1  
87 501 2 S 04-08  
JUNCTION CHAMBER AND CLEANOUT

MAY 1964  
SHEET NO. 27

JUNCTION CHAMBER ITEM 68  
Scale 1/4" = 1'-0"

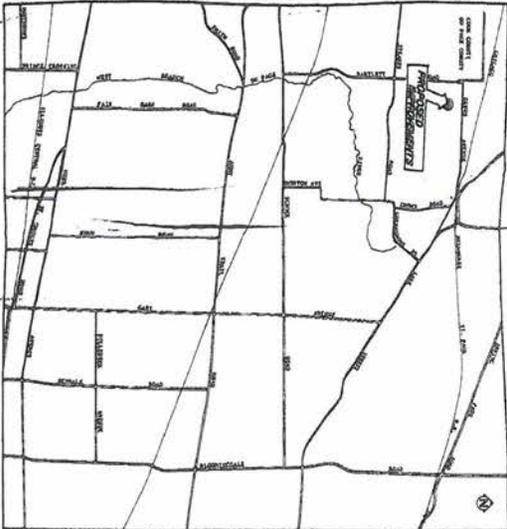
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2	1	6" DIA. CHAMBER
3	1	12" DIA. CLEANOUT
4	1	6" DIA. CLEANOUT
5	1	12" DIA. CLEANOUT
6	1	6" DIA. CLEANOUT
7	1	12" DIA. CLEANOUT
8	1	6" DIA. CLEANOUT
9	1	12" DIA. CLEANOUT
10	1	6" DIA. CLEANOUT

DESIGNED BY: [Signature]  
CHECKED BY: [Signature]  
DATE: [Date]



# VILLAGE OF BARTLETT COOK COUNTY SERVICE AREA

## DEVON AVENUE FIRST FLUSH & EXCESS FLOW FACILITIES



CONTRACT DRAWINGS  
FOR

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INDEX OF SHEETS

- SHEET 01 COVER SHEET
- SHEET 02 EXISTING CONDITIONS
- SHEET 03 SITE PLAN GENERAL

- SHEET 04 SITE PLAN, SANITARY
- SHEET 05 SANITARY FACILITIES
- SHEET 06 FIRST FLUSH, EXCESS FLOW FACILITIES
- SHEET 07 EXCESS FLOW FACILITIES
- SHEET 08 SANITARY FACILITIES & EXCESS FLOW FACILITIES
- SHEET 09 EXCESS FLOW FACILITIES
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SECOND DRAWINGS

AS-BUILT  
DATE RECEIVED: 4.23.15  
BY: [Signature]

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FIELD COPY  
Engineer: Paul M. Marting & Co.  
Roseville, IL

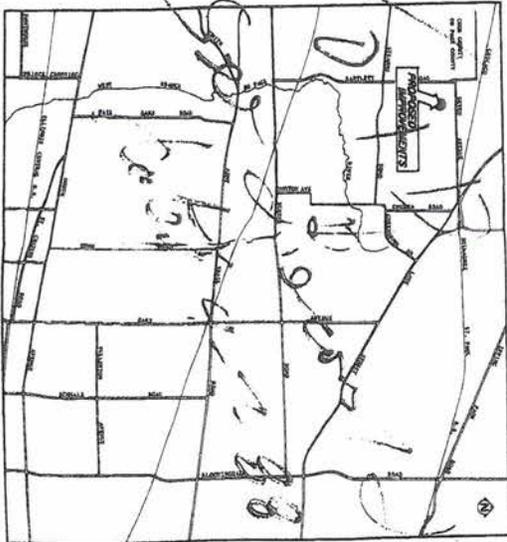
APPENDIX 3



# VILLAGE OF BARTLETT COOK COUNTY, SERVICE AREA

## DEVON AVENUE FIRST FLUSH & EXCESS FLOW FACILITIES

CONTRACT DRAWINGS  
FOR



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*Handwritten signature*

- SHEET 01 GROUND SURVEY
- SHEET 02 CIVIL ENGINEERING
- SHEET 03 SITE PLAN, CONCEPTUAL PLAN & DETAILS
- SHEET 04 SITE PLAN, MAIN SYSTEM
- SHEET 05 QUALITATIVE/CONCEPTUAL DESIGN
- SHEET 06 PRELIMINARY/CONCEPTUAL DESIGN
- SHEET 07 PRELIMINARY/CONCEPTUAL DESIGN
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- SHEET 74 PRELIMINARY/CONCEPTUAL DESIGN
- SHEET 75 PRELIMINARY/CONCEPTUAL DESIGN
- SHEET 76 PRELIMINARY/CONCEPTUAL DESIGN
- SHEET 77 PRELIMINARY/CONCEPTUAL DESIGN
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- SHEET 87 PRELIMINARY/CONCEPTUAL DESIGN
- SHEET 88 PRELIMINARY/CONCEPTUAL DESIGN
- SHEET 89 PRELIMINARY/CONCEPTUAL DESIGN
- SHEET 90 PRELIMINARY/CONCEPTUAL DESIGN
- SHEET 91 PRELIMINARY/CONCEPTUAL DESIGN
- SHEET 92 PRELIMINARY/CONCEPTUAL DESIGN
- SHEET 93 PRELIMINARY/CONCEPTUAL DESIGN
- SHEET 94 PRELIMINARY/CONCEPTUAL DESIGN
- SHEET 95 PRELIMINARY/CONCEPTUAL DESIGN
- SHEET 96 PRELIMINARY/CONCEPTUAL DESIGN
- SHEET 97 PRELIMINARY/CONCEPTUAL DESIGN
- SHEET 98 PRELIMINARY/CONCEPTUAL DESIGN
- SHEET 99 PRELIMINARY/CONCEPTUAL DESIGN
- SHEET 100 PRELIMINARY/CONCEPTUAL DESIGN

FIELD COPY



Engineer: Paul A. Martling & Co.  
Roselle, IL  
REC'D 10/2/88

94-091





**VILLAGE OF BARTLETT  
COMMITTEE MINUTES  
November 5, 2019**

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President Wallace called the Committee of the Whole meeting to order at 7:57 p.m.

PRESENT: Chairmen Camerer, Carbonaro, Deyne, Gabrenya, Hopkins, Reinke and President Wallace

ABSENT: None

ALSO PRESENT: Village Administrator Paula Schumacher, Assistant Village Administrator Scott Skrycki, Senior Management Analyst Samuel Hughes, Management Analyst Joey Dienberg, Finance Director Todd Dowden, Assistant Finance Director Matt Coulter, Planning and Development Services Director Roberta Grill, Public Works Director Dan Dinges, Public Works Engineer Bob Allen, Building Director Brian Goralski, Golf Course Superintendent Kevin DeRoo, Police Chief Patrick Ullrich, Deputy Chief Geoff Pretkelis, Deputy Chief Jim Durbin, Village Attorney Bryan Mraz and Village Clerk Lorna Giles.

**BUILDING & ZONING, CHAIRMAN HOPKINS**

**Downtown Overlay District- Form Based Code**

Planning and Development Services Director Roberta Grill stated that the draft downtown overlay district, otherwise known as form based code. Staff set out public notices to all of the surrounding property owners. The Zoning Board of Appeals (ZBA) reviewed the draft document on October 3<sup>rd</sup> and the ZBA recommended approval. Leslie Oberholtzer, the consultant from Codametrics is here if you have any technical questions on the documents.

President Wallace asked if the Streets of Bartlett was up to this code.

Ms. Grill stated that they have not looked at the Streets of Bartlett for this code. Staff has looked at More Brewing and 120 Live, but we can look at it if you would like.

President Wallace stated that it might be nice to know, he is interested when they put up things so quickly, how the quality is.

Chairman Camerer stated that he is assuming the possibility of a Street change going through the Streets of Bartlett is still in the text.

Ms. Grill stated it is only shown on a map as a recommendation.

President Wallace stated that he didn't know why that wasn't removed.

Chairman Camerer agreed and stated that he agreed.



## VILLAGE OF BARTLETT COMMITTEE MINUTES November 5, 2019

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The item was forwarded on to the Village Board for a vote.

### **Zoning Text Amendment (Fence Height)**

Ms. Grill stated that in July, the Village Board approved a variation for a 6' tall fence which was approximately 25' off of the property line along South Bartlett Road and it was located in a corner side yard. Board directed staff to review their fence height requirements in corner side yards when fences are setback from the property line, especially along major roadways. Staff went back and reviewed all the previous variation requests for 5' and 6' tall fences in the corner side yards to 1991. The chart in the packet shows the height, distance from the corner side property line, as well as the street type. The ZBA recommended approval and the Board granted two variation requests, one for a 5' tall fence and another for a 6' tall fence. They were both located along a major arterial, defined as either Lake St., Rt. 59 or County Farm. Those fences were setback 6" from the property line. The ZBA has generally recommended fence variations for fences 5' and 6' tall, when the fence is set back at least 10' from the corner side property line. Staff has prepared a text amendment to the zoning ordinance which would increase the fence height in the corner side yard from 4' to 6' provided the fence is setback at least 6" from property lines along roads designated as major arterials and a 10' set back from all other road designations. The maximum fence height in the required front yard would still remain at 4' and the maximum height in the vision clearance triangle would still remain at 3'. Over the years, many residents have come in requesting a fence on a corner side property line and we have had to tell them they have to go to this zoning process and we have received pretty much the same response from all of them saying they feel that it take away the benefit of owning a corner lot and takes away their usable corner side yard. This text amendment would allow them to apply for a building permit immediately and they would not have to go through the 45-60 day variation process. Staff is looking for direction on how the Board would like to proceed.

Chairman Deyne asked if any of the requests were denied by the ZBA.

Ms. Grill stated that 10 have been denied since 1991. They vary on how far they are set back. Some that have been denied were a 21', 29', 10' setbacks. Each variation is unique and has to stand on its own. It depends on the location of where they want the fence, what type of roadway they are abutting, etc.

Chairman Deyne confirmed that this text amendment would be all encompassing.

Ms. Grill stated that it could be. If they set their fence back 10' from the property line at a minimum.



**VILLAGE OF BARTLETT  
COMMITTEE MINUTES  
November 5, 2019**

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Chairman Camerer asked about the aesthetics of this. Let's say there is a four way intersection of a couple major roads and there happens to be a house that's back property backs up to the intersection. If they have had a 3' fence in their backyard already, that would look good on a corner, but if they raise that to 6' on South Bartlett Road and Stearns for instance, would they just be allowed to do it?

Ms. Grill stated that what staff is proposing would provide a more uniform look along the roadway because all fence could be the same distance from the roadway.

Chairman Camerer stated that sometimes uniformity doesn't always look the best.

Ms. Grill stated that Chairman Camerer was correct.

Chairman Reinke stated that this drew his attention on the last petition they had. Going north and south on South Bartlett Road, you see a lot of 6' fences that could arguably be in the corner side yard (some of the houses are laid out funny). As these fences age, are we going to have all of these people come in and file variance requests when we are probably going to give it to them anyway, so he conceptualized this along South Bartlett Road more than Route 59. He supports this because it resolves that South Bartlett Road issue and many of the major roadways like Struckman would have similar issues.

Chairman Hopkins stated that he supports it and eases regulation and helps home owners get a fence in faster and it's not a major impact to the community.

President Wallace stated that he was wondering why a home requesting a 29' set back was not allowed.

Ms. Grill stated that she thinks that the ZBA did not want to grant fence variations for 6' tall fences. In the last 17 years, every fence variation that has come in with a 10' setback has been approved.

President Wallace stated the Committee will be adjourning to Executive Session to Discuss Collective Negotiation Matters Pursuant to Section 2(C)2 of the Open Meetings Act and also item #2 on the Executive Session Agenda to Discuss Personal Pursuant to Section 2(C)1 of the Open Meetings Act. President Wallace moved to adjourn to Executive Session. That motion was moved by Chairman Deyne and seconded by Chairman Carbonaro.

**ROLL CALL VOTE TO ADJOURN THE MEETING TO EXECUTIVE SESSION**

**AYES:** Trustee Camerer, Carbonaro, Deyne, Gabrenya, Hopkins, Reinke  
**NAYS:** None  
**ABSENT:** None



**VILLAGE OF BARTLETT  
COMMITTEE MINUTES  
November 5, 2019**

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**MOTION CARRIED**

The meeting adjourned at 8:08 p.m.

President Wallace called the Committee of the Whole meeting to order at 9:17 p.m.

**PRESENT:** Chairmen Camerer, Carbonaro, Deyne, Gabrenya, Hopkins, Reinke and President Wallace

**ABSENT:** None

President Wallace moved to adjourn the Committee of the Whole Meeting. That motion was moved by Chairman Camerer and seconded by Chairman Deyne.

**ROLL CALL VOTE TO ADJOURN THE MEETING**

**AYES:** Trustee Camerer, Carbonaro, Deyne, Gabrenya, Hopkins, Reinke

**NAYS:** None

**ABSENT:** None

**MOTION CARRIED**

The meeting adjourned at 9:18 p.m.

Sam Hughes  
Deputy Village Clerk

**VILLAGE OF BARTLETT  
 DETAIL BOARD REPORT  
 INVOICES DUE ON/BEFORE 11/19/2019**

**100-GENERAL FUND REVENUES**

**420230-BUILDING PERMITS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 NICOLE JOHNSON	BUILDING PERMIT REFUND	45.00
1 GANI KEYIFLI	BUILDING PERMIT REFUND	50.00
<b>INVOICES TOTAL:</b>		<b>95.00</b>

**100000-GENERAL FUND**

**210002-GROUP INSURANCE PAYABLE**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 DEARBORN NATIONAL LIFE	MONTHLY INSURANCE - NOV 2019	2,673.46
** 1 FIDELITY SECURITY LIFE	MONTHLY INSURANCE - NOV 2019	1,026.19
<b>INVOICES TOTAL:</b>		<b>3,699.65</b>

**1100-VILLAGE BOARD/ADMINISTRATION**

**523100-ADVERTISING**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 AUTUMN CONSULTING LLC	EMARKETING SEMINAR	750.00
** 1 CARDMEMBER SERVICE	LUNCH MEETINGS/REFRESHMENTS	98.77
1 LOOPNET	ADVERTISING	69.00
1 VILLAGE OF ELK GROVE VILLAGE	ACCESS O'HARE FURNITURE RENTAL	115.43
<b>INVOICES TOTAL:</b>		<b>1,033.20</b>

**530115-SUBSCRIPTIONS/PUBLICATIONS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 PADDOCK PUBLICATIONS INC	ANNUAL SUBSCRIPTION	244.40
<b>INVOICES TOTAL:</b>		<b>244.40</b>

**532200-OFFICE SUPPLIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 CENTURY PRINT & GRAPHICS	BUSINESS CARDS	62.00
<b>INVOICES TOTAL:</b>		<b>62.00</b>

**541600-PROFESSIONAL DEVELOPMENT**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 CARDMEMBER SERVICE	ILCMA SEMINAR REGISTRATION	60.00
1 CENTER FOR GOVERNMENTAL STUDIES	STRATEGIC PLANNING	4,850.00
<b>INVOICES TOTAL:</b>		<b>4,910.00</b>

**543101-DUES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 BARTLETT ROTARY CLUB	QUARTERLY DUES	245.00
** 1 CARDMEMBER SERVICE	ICMA DUES	315.00

\*\* Indicates pre-issue check.

**VILLAGE OF BARTLETT  
 DETAIL BOARD REPORT  
 INVOICES DUE ON/BEFORE 11/19/2019**

1 METROPOLITAN MAYORS CAUCUS	MEMBERSHIP DUES	1,854.36
		<u>INVOICES TOTAL: 2,414.36</u>

**543900-COMMUNITY RELATIONS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 CARDMEMBER SERVICE	WALL CALENDAR	40.98
		<u>INVOICES TOTAL: 40.98</u>

**543910-HISTORY MUSEUM EXPENSES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 CARDMEMBER SERVICE	MUSEUM EXPENSES/SUPPLIES	305.50
		<u>INVOICES TOTAL: 305.50</u>

**546900-CONTINGENCIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 COMCAST	CABLE SERVICE	31.57
		<u>INVOICES TOTAL: 31.57</u>

**1200-PROFESSIONAL SERVICES**

**523400-LEGAL SERVICES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 CLARK BAIRD SMITH LLP	LEGAL SERVICES	7,623.75
1 CULLEN INC	PROFESSIONAL SERVICES	2,000.00
1 LAW OFFICES OF ROBERT J KRUPP PC	PROFESSIONAL SERVICES	925.00
		<u>INVOICES TOTAL: 10,548.75</u>

**546900-CONTINGENCIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 CRAIG CHAMBERLIN	PAYMENT FOR HALF LOMR SURVEY	600.00
1 METRA	GRADE CROSSING IMPROVEMENT	15,444.80
		<u>INVOICES TOTAL: 16,044.80</u>

**1400-FINANCE**

**523110-LEGAL PUBLICATIONS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 PADDOCK PUBLICATIONS INC	PUBLIC HEARING NOTICE	31.05
1 PADDOCK PUBLICATIONS INC	TAX LEVY PUBLIC HEARING	257.60
		<u>INVOICES TOTAL: 288.65</u>

**523500-AUDIT SERVICES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 LAUTERBACH & AMEN LLP	AUDIT SERVICES	4,980.00
		<u>INVOICES TOTAL: 4,980.00</u>

\*\* Indicates pre-issue check.

**VILLAGE OF BARTLETT  
 DETAIL BOARD REPORT  
 INVOICES DUE ON/BEFORE 11/19/2019**

**530115-SUBSCRIPTIONS/PUBLICATIONS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 EXAMINER PUBLICATIONS INC	TREASURER'S REPORT	1,503.00
	<b>INVOICES TOTAL:</b>	<b>1,503.00</b>

**532200-OFFICE SUPPLIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 CARDMEMBER SERVICE	METER SUPPLIES/W-2 & 1099 FORMS	728.90
1 WAREHOUSE DIRECT	TONER	128.43
1 WAREHOUSE DIRECT	TONER	114.56
1 WAREHOUSE DIRECT	TRASH BAGS/KLEENEX/HAND SOAP	15.12
	<b>INVOICES TOTAL:</b>	<b>987.01</b>

**541600-PROFESSIONAL DEVELOPMENT**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 CARDMEMBER SERVICE	IGFOA PAYROLL SEMINAR	85.00
	<b>INVOICES TOTAL:</b>	<b>85.00</b>

**1500-COMMUNITY DEVELOPMENT**

**522400-SERVICE AGREEMENTS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 GORDON FLESCH COMPANY INC	COPIER MAINTENANCE SERVICE	29.81
	<b>INVOICES TOTAL:</b>	<b>29.81</b>

**523110-LEGAL PUBLICATIONS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 EXAMINER PUBLICATIONS INC	LEGAL NOTICES	291.00
1 PADDOCK PUBLICATIONS INC	PUBLIC NOTICES	199.15
	<b>INVOICES TOTAL:</b>	<b>490.15</b>

**526000-SERVICE TO MAINTAIN VEHICLES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 CARDMEMBER SERVICE	I-PASS REPLENISHMENT	40.00
	<b>INVOICES TOTAL:</b>	<b>40.00</b>

**530100-MATERIALS & SUPPLIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 AMAZON CAPITAL SERVICES INC	DATE STAMP/ADDRESS LABELS	73.93
1 AMAZON CAPITAL SERVICES INC	DATE STAMP	34.99
	<b>INVOICES TOTAL:</b>	<b>108.92</b>

**541600-PROFESSIONAL DEVELOPMENT**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 CARDMEMBER SERVICE	IEHA CONFERENCE REGISTRATION	227.45
1 IL ASSOC OF CODE ENFORCEMENT	QUARTERLY MEETING FEES	100.00

\*\* Indicates pre-issue check.

**VILLAGE OF BARTLETT**  
**DETAIL BOARD REPORT**  
 INVOICES DUE ON/BEFORE 11/19/2019

INVOICES TOTAL: **327.45**

**543101-DUES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 AMERICAN PLANNING ASSOCIATION	MEMBERSHIP DUES/R GRILL	575.00
1 IL ASSOC OF CODE ENFORCEMENT	MEMBERSHIP DUES/S DUCHESNE	40.00
1 IL ASSOC OF CODE ENFORCEMENT	MEMBERSHIP DUES/K SMITH	40.00
1 IL ASSOC OF CODE ENFORCEMENT	MEMBERSHIP DUES/B SCHROER	40.00
<u>INVOICES TOTAL:</u>		<b>695.00</b>

**1600-BUILDING**

**526005-PLAN REVIEW SERVICES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 FIRE SAFETY CONSULTANTS INC	PLAN REVIEW SERVICES	4,218.00
<u>INVOICES TOTAL:</u>		<b>4,218.00</b>

**1700-POLICE**

**522400-SERVICE AGREEMENTS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 PROSHRED NORTH	PAPER SHREDDING SERVICES	180.00
1 ULTRA STROBE COMMUNICATIONS INC	MONTHLY SERVICE FEE	1,235.00
1 VERIZON WIRELESS	WIRELESS SERVICES	816.62
<u>INVOICES TOTAL:</u>		<b>2,231.62</b>

**522500-EQUIPMENT RENTALS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 VERIZON WIRELESS	WIRELESS SERVICES	1,511.30
<u>INVOICES TOTAL:</u>		<b>1,511.30</b>

**524240-IMPOUNDING ANIMALS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 DUPAGE COUNTY ANIMAL SERVICES	ANIMAL SERVICES	360.00
<u>INVOICES TOTAL:</u>		<b>360.00</b>

**526000-SERVICE TO MAINTAIN VEHICLES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 ARMY TRAIL TIRE AND SERVICE	VEHICLE MAINTENANCE	411.88
1 HOME DEPOT CREDIT SERVICES	MATERIALS & SUPPLIES	109.70
1 MEINEKE CAR CARE CENTER	VEHICLE MAINTENANCE	450.61
1 ULTRA STROBE COMMUNICATIONS INC	RADIO MICROPHONE REPLACEMENT	49.95
1 ZIEGLER'S ACE HARDWARE	MATERIALS & SUPPLIES	3.40
<u>INVOICES TOTAL:</u>		<b>1,025.54</b>

\*\* Indicates pre-issue check.

**VILLAGE OF BARTLETT**  
**DETAIL BOARD REPORT**  
 INVOICES DUE ON/BEFORE 11/19/2019

**526100-AUTO BODY REPAIRS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 BOB'S AUTO BODY INC	FRONT BUMPER REPLACEMENT	713.85
<b>INVOICES TOTAL:</b>		<b>713.85</b>

**530100-MATERIALS & SUPPLIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 A-1 TROPHIES & AWARDS INC	PLATE ENGRAVING	10.00
1 AMAZON CAPITAL SERVICES INC	HDMI CABLES	87.92
1 HOME DEPOT CREDIT SERVICES	MATERIALS & SUPPLIES	75.74
1 ILLINOIS FIRE & POLICE COMMISSIONERS	ANNUAL MEMBERSHIP DUES	375.00
1 INTOXIMETERS INC	MATERIALS & SUPPLIES	167.25
** 1 PETTY CASH	PETTY CASH REIMBURSEMENT	15.08
** 1 SAM'S CLUB	FOOD PURCHASES/SUPPLIES	230.98
1 WAREHOUSE DIRECT	INK CARTRIDGE	122.78
1 WAREHOUSE DIRECT	TONER	128.43
1 WAREHOUSE DIRECT	INK CARTRIDGE	127.03
1 ZIEGLER'S ACE HARDWARE	MATERIALS & SUPPLIES	20.72
<b>INVOICES TOTAL:</b>		<b>1,360.93</b>

**532200-OFFICE SUPPLIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 HOME DEPOT CREDIT SERVICES	MATERIALS & SUPPLIES	43.92
** 1 PETTY CASH	PETTY CASH REIMBURSEMENT	21.87
1 WAREHOUSE DIRECT	BINDERS/ADDRESS LABELS	306.18
1 WAREHOUSE DIRECT	INK CARTRIDGES/BINDERS	384.09
1 WAREHOUSE DIRECT	POCKET FOLDERS/POST-IT NOTES	60.18
<b>INVOICES TOTAL:</b>		<b>816.24</b>

**541600-PROFESSIONAL DEVELOPMENT**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 CARDMEMBER SERVICE	IACP CONFERENCE REGISTRATIONS	1,135.16
1 JIM DURBIN	IACP CONFERENCE EXPENSES	195.21
** 1 PETTY CASH	PETTY CASH REIMBURSEMENT	143.91
1 GEOFFREY T PRETKELIS	ITOA CONFERENCE EXPENSES	99.80
1 PATRICK ULLRICH	IACP CONFERENCE EXPENSES	145.70
<b>INVOICES TOTAL:</b>		<b>1,719.78</b>

**543900-COMMUNITY RELATIONS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 PETTY CASH	PETTY CASH REIMBURSEMENT	66.10
<b>INVOICES TOTAL:</b>		<b>66.10</b>

**544001-PRISONER DETENTION**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 VILLAGE SUDS STATION INC	DETENTION BLANKET CLEANING	32.75

\*\* Indicates pre-issue check.

**VILLAGE OF BARTLETT**  
**DETAIL BOARD REPORT**  
 INVOICES DUE ON/BEFORE 11/19/2019

INVOICES TOTAL: 32.75

**570105-EQUITABLE SHARING EXPENSE**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 CARDMEMBER SERVICE	PERF CONFERENCE REGISTRATIONS	500.00
		<u>INVOICES TOTAL:</u> <u>500.00</u>

**1800-STREET MAINTENANCE**

**522500-EQUIPMENT RENTALS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 COMCAST	CABLE SERVICE	2.10
1 VERIZON WIRELESS	WIRELESS SERVICES	210.42
1 VERIZON WIRELESS	WIRELESS SERVICES	34.00
		<u>INVOICES TOTAL:</u> <u>246.52</u>

**524120-UTILITIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 COMMONWEALTH EDISON CO	ELECTRIC BILL	25.91
		<u>INVOICES TOTAL:</u> <u>25.91</u>

**526000-SERVICE TO MAINTAIN VEHICLES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 HAWK FORD OF ST CHARLES	VEHICLE MAINTENANCE	1,709.68
1 SAUBER MFG CO	AERIAL/POWER UNIT INSPECTION	779.00
		<u>INVOICES TOTAL:</u> <u>2,488.68</u>

**527100-SERVICES TO MAINTAIN STREETS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 MIDWEST COMPOST - ELGIN	WOOD CHIP DISPOSAL	30.00
1 MIDWEST COMPOST - ELGIN	WOOD CHIP DISPOSAL	30.00
1 MIDWEST COMPOST - ELGIN	WOOD CHIP DISPOSAL	30.00
1 MIDWEST COMPOST - ELGIN	WOOD CHIP DISPOSAL	30.00
1 MIDWEST COMPOST - ELGIN	WOOD CHIP DISPOSAL	30.00
1 MIDWEST COMPOST - ELGIN	WOOD CHIP DISPOSAL	30.00
1 MIDWEST COMPOST - ELGIN	WOOD CHIP DISPOSAL	30.00
		<u>INVOICES TOTAL:</u> <u>210.00</u>

**527110-SVCS TO MAINTAIN TRAFFIC SIGS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 MEADE ELECTRIC CO INC	TRAFFIC SIGNAL/STREET LIGHT MAINT	341.00
1 MEADE ELECTRIC CO INC	TRAFFIC SIGNAL/STREET LIGHT MAINT	1,001.00
		<u>INVOICES TOTAL:</u> <u>1,342.00</u>

**527113-SERVICES TO MAINT. GROUNDS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 C E SMITH LAWN MAINTENANCE INC	LANDSCAPE MAINTENANCE - OCT 2019	816.00

\*\* Indicates pre-issue check.

**VILLAGE OF BARTLETT**  
**DETAIL BOARD REPORT**  
 INVOICES DUE ON/BEFORE 11/19/2019

1	COMPLETE NORTHERN ILLINOIS FENCE	FENCE INSTALLATION	1,995.00
**	1 CORNERSTONE LAND & LAWN INC	LANDSCAPE MAINTENANCE - OCT 2019	5,925.00
			<u>INVOICES TOTAL:</u>
			<u>8,736.00</u>

**527130-SIDEWALK & CURB REPLACEMENT**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 DAVID BLUME	PUBLIC SIDEWALK REPLACEMENT	507.50
1 RUSSELL KOCA	PUBLIC SIDEWALK REPLACEMENT	478.50
1 SCHROEDER ASPHALT SERVICES INC	IDNR BICYCLE PATH LINKS	52,895.85
1 ERICK ZENKNER	PUBLIC SIDEWALK REPLACEMENT	580.00
		<u>INVOICES TOTAL:</u>
		<u>54,461.85</u>

**527140-TREE TRIMMING**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 TREES R US INC	TREE REMOVAL SERVICES	1,825.00
		<u>INVOICES TOTAL:</u>
		<u>1,825.00</u>

**530100-MATERIALS & SUPPLIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 ACTION LOCK & KEY INC	DUPLICATE KEYS	14.00
1 AUTO TRUCK GROUP	MATERIALS & SUPPLIES	790.00
1 JSN CONTRACTORS SUPPLY	MARKING PAINT/UTILITY FLAGS	441.25
1 ZIEGLER'S ACE HARDWARE	MATERIALS & SUPPLIES	66.43
		<u>INVOICES TOTAL:</u>
		<u>1,311.68</u>

**530110-UNIFORMS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 CUTLER WORKWEAR	UNIFORMS	474.17
		<u>INVOICES TOTAL:</u>
		<u>474.17</u>

**532200-OFFICE SUPPLIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 WAREHOUSE DIRECT	JOURNAL BOOKS/COFFEE	67.29
		<u>INVOICES TOTAL:</u>
		<u>67.29</u>

**534300-EQUIPMENT MAINTENANCE MATLS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 ATLAS BOBCAT LLC	MAINTENANCE SUPPLIES	163.83
1 ATLAS BOBCAT LLC	MAINTENANCE SUPPLIES	67.03
1 BUCK BROS INC	MAINTENANCE SUPPLIES	127.70
1 INTERSTATE BILLING SERVICE INC	MAINTENANCE SUPPLIES	1,030.00
1 RANDALL PRESSURE SYSTEMS INC	MAINTENANCE SUPPLIES	1,450.51
1 SAFETY-KLEEN SYSTEMS INC	PARTS WASHER SOLVENT	370.77
1 SAUBER MFG CO	MAINTENANCE SUPPLIES	725.00
		<u>INVOICES TOTAL:</u>
		<u>3,934.84</u>

\*\* Indicates pre-issue check.

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**534400-STREET MAINTENANCE MATERIALS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 3M COMPANY	SIGN MAKING MATERIALS	1,692.61
1 ALLIED ASPHALT PAVING COMPANY	ASPHALT PURCHASE	572.85
1 ALLIED ASPHALT PAVING COMPANY	ASPHALT PURCHASE	544.31
1 ALLIED ASPHALT PAVING COMPANY	ASPHALT PURCHASE	116.85
<b>INVOICES TOTAL:</b>		<b>2,926.62</b>

**534600-BUILDING MAINTENANCE MATERIALS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 L.E.D. RITE LLC	LIGHTING MATERIALS	142.33
1 UNIFIRST CORPORATION	MATS	19.78
1 UNIFIRST CORPORATION	MATS	19.78
<b>INVOICES TOTAL:</b>		<b>181.89</b>

**534800-STREET LIGHTS MAINT MATERIALS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 CONSTANT ELECTRIC SUPPLY CO	LIGHTING MATERIALS	999.98
1 STEINER ELECTRIC COMPANY	LIGHTING MATERIALS	118.80
1 STEINER ELECTRIC COMPANY	LIGHTING MATERIALS	237.60
<b>INVOICES TOTAL:</b>		<b>1,356.38</b>

**541600-PROFESSIONAL DEVELOPMENT**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 CARDMEMBER SERVICE	SEMINAR FEE/CONFERENCE LODGING	42.67
<b>INVOICES TOTAL:</b>		<b>42.67</b>

**543800-STORMWATER FACILITIES MAINT**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 RICHARD HARMON	STORM SEWER REPAIRS	3,722.45
1 WELCH BROS INC	GRAVEL PURCHASE	98.00
1 WELCH BROS INC	GRAVEL PURCHASE	686.00
<b>INVOICES TOTAL:</b>		<b>4,506.45</b>

**574800-TREE PURCHASES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 THE FIELDS ON CATON FARM INC	TREE PURCHASE	12,040.00
<b>INVOICES TOTAL:</b>		<b>12,040.00</b>

**3000-DEBT SERVICE EXPENDITURES**

**523700-AGENTS FEES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 WELLS FARGO BANK	AGENT FEES/SERIES 2016	1,000.00
<b>INVOICES TOTAL:</b>		<b>1,000.00</b>

\*\* Indicates pre-issue check.

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**4200-MUNICIPAL BLDG PROJECTS EXP**

**585058-2016 POLICE STATION**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 FREDERICK QUINN CORPORATION	POLICE STATION PAYOUT #25	166,378.00
<b>INVOICES TOTAL:</b>		<b>166,378.00</b>

**430000-DEVELOPER DEPOSITS FUND**

**262099-DEPOSIT-ORDINANCE 89-49**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 JESUS AVILA	VBR BOND REFUND	500.00
<b>INVOICES TOTAL:</b>		<b>500.00</b>

**5000-WATER OPERATING EXPENSES**

**522400-SERVICE AGREEMENTS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 CARDMEMBER SERVICE	SCADA SYSTEM PHONE LINE	36.15
** 1 CORNERSTONE LAND & LAWN INC	LANDSCAPE MAINTENANCE - OCT 2019	800.00
1 WATER REMEDIATION TECHNOLOGY	BASE TREATMENT CHARGE/W-4	11,015.08
1 WATER REMEDIATION TECHNOLOGY	BASE TREATMENT CHARGE/W-7	2,293.33
<b>INVOICES TOTAL:</b>		<b>14,144.56</b>

**522500-EQUIPMENT RENTALS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 VERIZON WIRELESS	WIRELESS SERVICES	210.43
<b>INVOICES TOTAL:</b>		<b>210.43</b>

**522800-ANALYTICAL TESTING**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 PDC LABORATORIES INC	ANALYTICAL TESTING	40.00
1 SUBURBAN LABORATORIES INC	ANALYTICAL TESTING	1,773.75
<b>INVOICES TOTAL:</b>		<b>1,813.75</b>

**524120-UTILITIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 COMMONWEALTH EDISON CO	ELECTRIC BILL	48.25
1 CONSTELLATION NEW ENERGY INC	ELECTRIC BILL	317.47
1 CONSTELLATION NEW ENERGY INC	ELECTRIC BILL	173.73
1 CONSTELLATION NEW ENERGY INC	ELECTRIC BILL	462.49
1 NICOR GAS	GAS BILL	52.57
1 NICOR GAS	GAS BILL	49.17
<b>INVOICES TOTAL:</b>		<b>1,103.68</b>

\*\* Indicates pre-issue check.

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**526000-SERVICE TO MAINTAIN VEHICLES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 BUNGE'S TIRE & AUTO BARTLETT	VEHICLE MAINTENANCE	32.40
	<b>INVOICES TOTAL:</b>	<b>32.40</b>

**527120-SVCS TO MAINT MAINS/STORM LINE**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 ASSOCIATED TECHNICAL SERVICES LTD	LEAK LOCATION SERVICES	782.25
** 1 CORNERSTONE LAND & LAWN INC	TURF RESTORATION SERVICES	3,056.00
1 CORNERSTONE LAND & LAWN INC	TURF RESTORATION SERVICES	1,370.00
1 WELCH BROS INC	GRAVEL PURCHASE	217.50
1 WELCH BROS INC	GRAVEL PURCHASE	588.00
	<b>INVOICES TOTAL:</b>	<b>6,013.75</b>

**530100-MATERIALS & SUPPLIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 ZIEGLER'S ACE HARDWARE	MATERIALS & SUPPLIES	407.44
	<b>INVOICES TOTAL:</b>	<b>407.44</b>

**530110-UNIFORMS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 CUTLER WORKWEAR	UNIFORMS	-35.99
	<b>INVOICES TOTAL:</b>	<b>-35.99</b>

**532200-OFFICE SUPPLIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 WAREHOUSE DIRECT	JOURNAL BOOKS/COFFEE	141.52
	<b>INVOICES TOTAL:</b>	<b>141.52</b>

**534600-BUILDING MAINTENANCE MATERIALS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 L.E.D. RITE LLC	LIGHTING MATERIALS	142.33
1 UNIFIRST CORPORATION	MATS	19.78
1 UNIFIRST CORPORATION	MATS	19.78
	<b>INVOICES TOTAL:</b>	<b>181.89</b>

**534810-METER MAINTENANCE MATERIALS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 WATER RESOURCES INC	WATER METER MATERIALS	107.00
	<b>INVOICES TOTAL:</b>	<b>107.00</b>

**541600-PROFESSIONAL DEVELOPMENT**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 CARDMEMBER SERVICE	SEMINAR FEE/CONFERENCE LODGING	73.35
	<b>INVOICES TOTAL:</b>	<b>73.35</b>

\*\* Indicates pre-issue check.

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**546900-CONTINGENCIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 SERVPRO OF KENDALL COUNTY	WATER RESTORATION	1,570.75
<b>INVOICES TOTAL:</b>		<b>1,570.75</b>

**5100-SEWER OPERATING EXPENSES**

**522400-SERVICE AGREEMENTS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 CORNERSTONE LAND & LAWN INC	LANDSCAPE MAINTENANCE - OCT 2019	1,660.00
<b>INVOICES TOTAL:</b>		<b>1,660.00</b>

**522500-EQUIPMENT RENTALS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 VERIZON WIRELESS	WIRELESS SERVICES	210.43
<b>INVOICES TOTAL:</b>		<b>210.43</b>

**522800-ANALYTICAL TESTING**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 SUBURBAN LABORATORIES INC	ANALYTICAL TESTING	641.50
<b>INVOICES TOTAL:</b>		<b>641.50</b>

**524120-UTILITIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 CONSTELLATION NEW ENERGY INC	ELECTRIC BILL	407.35
1 CONSTELLATION NEW ENERGY INC	ELECTRIC BILL	38,443.37
1 NICOR GAS	GAS BILL	36.41
1 NICOR GAS	GAS BILL	113.42
1 NICOR GAS	GAS BILL	36.38
1 NICOR GAS	GAS BILL	37.21
1 NICOR GAS	GAS BILL	112.41
1 NICOR GAS	GAS BILL	36.68
1 NICOR GAS	GAS BILL	37.87
1 NICOR GAS	GAS BILL	83.12
1 NICOR GAS	GAS BILL	60.85
<b>INVOICES TOTAL:</b>		<b>39,405.07</b>

**530100-MATERIALS & SUPPLIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 COLUMBIA PIPE & SUPPLY CO	MATERIALS & SUPPLIES	184.63
1 FASTENAL COMPANY	MATERIALS & SUPPLIES	31.81
1 GRAINGER	KEYPADS	292.46
1 PETROCHOICE	MATERIALS & SUPPLIES	1,232.05
1 UNITED LABORATORIES	MATERIALS & SUPPLIES	1,055.50
1 ZIEGLER'S ACE HARDWARE	MATERIALS & SUPPLIES	17.94
<b>INVOICES TOTAL:</b>		<b>2,814.39</b>

\*\* Indicates pre-issue check.

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**530120-CHEMICAL SUPPLIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 HAWKINS INC	CHEMICAL SUPPLIES	2,913.58
	<b>INVOICES TOTAL:</b>	<b>2,913.58</b>

**534300-EQUIPMENT MAINTENANCE MATLS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 BUCK BROS INC	MAINTENANCE SUPPLIES	172.75
1 FLOW-TECHNICS INC	LIFT STATION PUMP	21,324.00
1 GASVODA & ASSOCIATES INC	MAINTENANCE SUPPLIES	1,546.71
1 LEGEND ELECTRICAL SALES INC	MAINTENANCE SUPPLIES	47.95
1 STENSTROM PETROLEUM SERVICES INC	MONTHLY EQUIPMENT INSPECTION	150.00
1 STENSTROM PETROLEUM SERVICES INC	MONTHLY EQUIPMENT INSPECTION	150.00
1 VORTEX TECHNOLOGIES INC	EQUIPMENT MAINTENANCE	375.00
1 WEST SIDE ELECTRIC SUPPLY INC	ELECTRICAL SUPPLIES	14.69
1 WEST SIDE ELECTRIC SUPPLY INC	ELECTRICAL SUPPLIES	391.85
1 WEST SIDE ELECTRIC SUPPLY INC	CREDIT - RETURN	-79.31
1 WEST SIDE ELECTRIC SUPPLY INC	ELECTRICAL SUPPLIES	16.55
1 ZIEGLER'S ACE HARDWARE	MATERIALS & SUPPLIES	25.99
	<b>INVOICES TOTAL:</b>	<b>24,136.18</b>

**534500-GROUNDS MAINTENANCE MATERIALS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 C E SMITH LAWN MAINTENANCE INC	LANDSCAPE MAINTENANCE - OCT 2019	120.00
	<b>INVOICES TOTAL:</b>	<b>120.00</b>

**534600-BUILDING MAINTENANCE MATERIALS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 L.E.D. RITE LLC	LIGHTING MATERIALS	142.34
1 UNIFIRST CORPORATION	MATS	19.79
1 UNIFIRST CORPORATION	MATS	19.79
	<b>INVOICES TOTAL:</b>	<b>181.92</b>

**541600-PROFESSIONAL DEVELOPMENT**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 CARDMEMBER SERVICE	SEMINAR FEE/CONFERENCE LODGING	733.78
	<b>INVOICES TOTAL:</b>	<b>733.78</b>

**510000-SEWER FUND**

**200504-FRWRD PAYABLE**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 FRWRD	KANE COUNTY SEWER TREATMENT	719.51
	<b>INVOICES TOTAL:</b>	<b>719.51</b>

\*\* Indicates pre-issue check.

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**5190-SEWER CAPITAL PROJECTS EXP**

**582028-DEVON EXCESS FLOW PLANT REHB**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 ENGINEERING ENTERPRISES INC	EXCESS FLOW FACILITY EVALUATION	2,142.00
<b>INVOICES TOTAL:</b>		<b>2,142.00</b>

**5200-PARKING OPERATING EXPENSES**

**522400-SERVICE AGREEMENTS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 T2 SYSTEMS CANADA INC	MONTHLY EMS SERVICES	400.00
1 UNIFIRST CORPORATION	MATS	21.52
1 UNIFIRST CORPORATION	MATS	21.52
<b>INVOICES TOTAL:</b>		<b>443.04</b>

**524120-UTILITIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 COMCAST	INTERNET SERVICE	126.90
1 COMMONWEALTH EDISON CO	ELECTRIC BILL	100.78
1 NICOR GAS	GAS BILL	38.47
1 NICOR GAS	GAS BILL	58.80
<b>INVOICES TOTAL:</b>		<b>324.95</b>

**529000-OTHER CONTRACTUAL SERVICES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 C E SMITH LAWN MAINTENANCE INC	LAWN MAINTENANCE - OCT 2019	1,473.75
** 1 CARDMEMBER SERVICE	DSL LINE FOR METRA PAY BOXES	40.97
<b>INVOICES TOTAL:</b>		<b>1,514.72</b>

**570200-BLDG & GROUNDS IMPROVEMENTS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 C E SMITH LAWN MAINTENANCE INC	LANDSCAPE MAINTENANCE - OCT 2019	2,979.00
** 1 CORNERSTONE LAND & LAWN INC	LANDSCAPE MAINTENANCE - OCT 2019	50.00
1 GRAINGER	ELECTRONIC TOILET MODULES	335.18
1 GRAINGER	SENSOR ASSEMBLY	260.80
<b>INVOICES TOTAL:</b>		<b>3,624.98</b>

**5500-GOLF PROGRAM EXPENSES**

**522400-SERVICE AGREEMENTS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 ANDERSON PEST SOLUTIONS	PEST CONTROL SERVICES	108.64
<b>INVOICES TOTAL:</b>		<b>108.64</b>

\*\* Indicates pre-issue check.

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**524100-BUILDING MAINTENANCE SERVICES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 JENSEN'S PLUMBING & HEATING INC	EXHAUST FAN REPAIRS	468.75
		<u>INVOICES TOTAL: 468.75</u>

**524120-UTILITIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 NICOR GAS	GAS BILL	596.98
		<u>INVOICES TOTAL: 596.98</u>

**530100-MATERIALS & SUPPLIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 HORNUNG'S PRO GOLF SALES INC	FLEECE MITTENS/PROXIMITY CARDS	14.75
		<u>INVOICES TOTAL: 14.75</u>

**534331-PURCHASES - GOLF SHOES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 ACUSHNET COMPANY	GOLF SHOES	84.39
		<u>INVOICES TOTAL: 84.39</u>

**534334-PURCHASES - GOLF GLOVES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 ZERO FRICTION LLC	GOLF GLOVES	186.97
		<u>INVOICES TOTAL: 186.97</u>

**534335-PURCHASES - MISC GOLF MDSE**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 ADIDAS AMERICA INC	GOLF APPAREL	416.48
1 HORNUNG'S PRO GOLF SALES INC	FLEECE MITTENS/PROXIMITY CARDS	45.00
		<u>INVOICES TOTAL: 461.48</u>

**534600-BUILDING MAINTENANCE MATERIALS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 AMPERAGE ELECTRICAL SUPPLY INC	LED LIGHTS	54.00
1 AMPERAGE ELECTRICAL SUPPLY INC	MAINTENANCE SUPPLIES	31.32
		<u>INVOICES TOTAL: 85.32</u>

**5510-GOLF MAINTENANCE EXPENSES**

**522300-UNIFORM RENTALS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 CINTAS CORPORATION	UNIFORM RENTAL	25.00
		<u>INVOICES TOTAL: 25.00</u>

**524120-UTILITIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
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\*\* Indicates pre-issue check.

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1 NICOR GAS	GAS BILL	89.44
1 NICOR GAS	GAS BILL	199.00
<b>INVOICES TOTAL:</b>		<b>288.44</b>

**534300-EQUIPMENT MAINTENANCE MATLS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 BURRIS EQUIPMENT CO	FILTERS	63.79
<b>INVOICES TOTAL:</b>		<b>63.79</b>

**5560-GOLF RESTAURANT EXPENSES**

**522400-SERVICE AGREEMENTS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 COMPLETE BAR SYSTEMS INC	CLEANED BEER LINES	50.00
<b>INVOICES TOTAL:</b>		<b>50.00</b>

**524120-UTILITIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 NICOR GAS	GAS BILL	99.50
<b>INVOICES TOTAL:</b>		<b>99.50</b>

**530100-MATERIALS & SUPPLIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 GRECO AND SONS INC	FOOD PURCHASE/SUPPLIES	16.19
1 GRECO AND SONS INC	FOOD PURCHASE/SUPPLIES	40.00
1 SYSCO FOOD SERVICES - CHICAGO	FOOD PURCHASE/SUPPLIES	81.57
1 SYSCO FOOD SERVICES - CHICAGO	FOOD PURCHASE/SUPPLIES	56.62
1 SYSCO FOOD SERVICES - CHICAGO	FLOOR CLEANER	13.09
<b>INVOICES TOTAL:</b>		<b>207.47</b>

**534320-PURCHASES - FOOD & BEVERAGE**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 AMERICAN COMPRESSED GASES INC	CYLINDER RENTAL	114.50
1 BREAKTHRU BEVERAGE ILLINOIS LLC	LIQUOR PURCHASE	186.72
1 GRECO AND SONS INC	FOOD PURCHASE	32.00
1 GRECO AND SONS INC	FOOD PURCHASE/SUPPLIES	16.25
1 GRECO AND SONS INC	FOOD PURCHASE/SUPPLIES	104.00
1 PEPSI BEVERAGES COMPANY	SOFT DRINK PURCHASE	61.60
1 SOUTHERN GLAZER'S OF IL	LIQUOR PURCHASE	92.46
1 SYSCO FOOD SERVICES - CHICAGO	FOOD PURCHASE/SUPPLIES	242.04
1 SYSCO FOOD SERVICES - CHICAGO	FOOD PURCHASE/SUPPLIES	44.04
1 TEC FOODS INC	COFFEE PURCHASE	115.43
<b>INVOICES TOTAL:</b>		<b>1,009.04</b>

**5570-GOLF BANQUET EXPENSES**

\*\* Indicates pre-issue check.

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**511200-TEMPORARY SALARIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 SURESTAFF INC	TEMPORARY STAFFING	262.50
<b>INVOICES TOTAL:</b>		<b>262.50</b>

**522400-SERVICE AGREEMENTS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 A MAESTRANZI SONS	KNIFE SERVICE	19.00
1 ALSCO	LINEN SERVICES	231.77
1 ALSCO	LINEN SERVICES	143.80
1 CLUBTEC	MONTHLY SOFTWARE SUPPORT	58.00
1 INDUSTRIAL DOOR COMPANY	PARTITION WALL MAINTENANCE	370.00
<b>INVOICES TOTAL:</b>		<b>822.57</b>

**523100-ADVERTISING**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 EXAMINER PUBLICATIONS INC	LADIES NIGHT OUT ADVERTISING	120.00
<b>INVOICES TOTAL:</b>		<b>120.00</b>

**524120-UTILITIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 NICOR GAS	GAS BILL	99.50
<b>INVOICES TOTAL:</b>		<b>99.50</b>

**530100-MATERIALS & SUPPLIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 GRECO AND SONS INC	FOOD PURCHASE/SUPPLIES	16.20
1 GRECO AND SONS INC	FOOD PURCHASE/SUPPLIES	69.08
1 MLA WHOLESALE INC	FLOWERS	191.50
1 MLA WHOLESALE INC	FLOWERS	50.50
1 SIGN-A-RAMA	WEDDING BANNER	45.00
1 SYSCO FOOD SERVICES - CHICAGO	FOOD PURCHASE/SUPPLIES	244.73
1 SYSCO FOOD SERVICES - CHICAGO	CREDIT - ORDER SHORT	-56.39
1 SYSCO FOOD SERVICES - CHICAGO	FOOD PURCHASE/SUPPLIES	162.20
<b>INVOICES TOTAL:</b>		<b>722.82</b>

**534320-PURCHASES - FOOD & BEVERAGE**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 THE BAKING INSTITUTE BAKERY CO	WEDDING CAKE	209.00
1 THE BAKING INSTITUTE BAKERY CO	WEDDING CAKE	245.80
1 BREAKTHRU BEVERAGE ILLINOIS LLC	LIQUOR PURCHASE	1,000.00
1 ELGIN BEVERAGE CO	BEER PURCHASE	122.76
1 FORTUNE FISH & GOURMET	FOOD PURCHASE	647.73
1 GRECO AND SONS INC	CREDIT - RETURN	-46.99
1 GRECO AND SONS INC	FOOD PURCHASE	667.12
1 GRECO AND SONS INC	FOOD PURCHASE/SUPPLIES	16.25
1 GRECO AND SONS INC	FOOD PURCHASE/SUPPLIES	430.90

\*\* Indicates pre-issue check.

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1 HIGHLAND BAKING COMPANY	CREDIT - ORDER ADJUSTMENT	-44.70
1 HIGHLAND BAKING COMPANY	FOOD PURCHASE	127.94
1 HIGHLAND BAKING COMPANY	FOOD PURCHASE	133.72
1 LAKESHORE BEVERAGE	BEER PURCHASE	84.95
1 MIDWEST FOODS	FOOD PURCHASE	277.80
1 MIDWEST FOODS	FOOD PURCHASE	328.08
1 PEPSI BEVERAGES COMPANY	SOFT DRINK PURCHASE	184.83
1 SCHAMBERGER BROTHERS INC	BEER PURCHASE	41.62
1 SCHAMBERGER BROTHERS INC	BEER PURCHASE	68.42
1 SOUTHERN GLAZER'S OF IL	LIQUOR PURCHASE	278.53
1 SYSCO FOOD SERVICES - CHICAGO	FOOD PURCHASE/SUPPLIES	2,528.54
1 SYSCO FOOD SERVICES - CHICAGO	FOOD PURCHASE/SUPPLIES	1,076.54
1 TEC FOODS INC	COFFEE PURCHASE	38.47
	<b>INVOICES TOTAL:</b>	<b>8,417.31</b>

**6000-CENTRAL SERVICES EXPENSES**

**522400-SERVICE AGREEMENTS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 ONSOLVE LLC	CODE RED SERVICE AGREEMENT	17,500.00
	<b>INVOICES TOTAL:</b>	<b>17,500.00</b>

**522700-COMPUTER SERVICES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 CARDMEMBER SERVICE	COMPUTER SOFTWARE	48.00
1 COMCAST	INTERNET SERVICE	86.90
	<b>INVOICES TOTAL:</b>	<b>134.90</b>

**524100-BUILDING MAINTENANCE SERVICES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 UNIFIRST CORPORATION	MATS	81.58
1 UNIFIRST CORPORATION	MATS	81.58
	<b>INVOICES TOTAL:</b>	<b>163.16</b>

**524110-TELEPHONE**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 CARDMEMBER SERVICE	DSL LINE FOR VILLAGE HALL	66.66
1 VERIZON WIRELESS	WIRELESS SERVICES	228.06
1 VERIZON WIRELESS	WIRELESS SERVICES	450.12
	<b>INVOICES TOTAL:</b>	<b>744.84</b>

**524120-UTILITIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 COMMONWEALTH EDISON CO	ELECTRIC BILL	72.00
1 NICOR GAS	GAS BILL	537.33
	<b>INVOICES TOTAL:</b>	<b>609.33</b>

\*\* Indicates pre-issue check.

**VILLAGE OF BARTLETT  
 DETAIL BOARD REPORT  
 INVOICES DUE ON/BEFORE 11/19/2019**

**530100-MATERIALS & SUPPLIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 AMAZON CAPITAL SERVICES INC	SPACE HEATER	39.99
** 1 SAM'S CLUB	FOOD PURCHASES/SUPPLIES	549.96
1 WAREHOUSE DIRECT	BATH TISSUE/TRASH BAGS	269.94
1 WAREHOUSE DIRECT	TRASH BAGS/KLEENEX/HAND SOAP	99.72
1 WAREHOUSE DIRECT	HAND SOAP	56.05
1 WAREHOUSE DIRECT	PAPER	527.70
<b>INVOICES TOTAL:</b>		<b>1,543.36</b>

**534600-BUILDING MAINTENANCE MATERIALS**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 L.E.D. RITE LLC	LIGHTING MATERIALS	1,708.00
1 ZIEGLER'S ACE HARDWARE	MATERIALS & SUPPLIES	104.01
<b>INVOICES TOTAL:</b>		<b>1,812.01</b>

**541600-PROFESSIONAL DEVELOPMENT**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 JOHN PEEBLES	GMIS CONFERENCE EXPENSES	636.67
<b>INVOICES TOTAL:</b>		<b>636.67</b>

**546900-CONTINGENCIES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 ITSAVVY	UNINTERRUPTIBLE POWER SUPPLY	291.10
<b>INVOICES TOTAL:</b>		<b>291.10</b>

**570100-MACHINERY & EQUIPMENT**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
** 1 CARDMEMBER SERVICE	CLOUD SERVICES	14.19
<b>INVOICES TOTAL:</b>		<b>14.19</b>

**6100-VEHICLE REPLACEMENT EXPENSES**

**570500-WATER VEHICLE REPLACEMENT**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 SAUBER MFG CO	BODY REFURBISHMENT/P.W. TRUCK	8,183.00
<b>INVOICES TOTAL:</b>		<b>8,183.00</b>

**7000-POLICE PENSION EXPENDITURES**

**523400-LEGAL SERVICES**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 REIMER & DOBROVOLNY PC	LEGAL SERVICES	684.79
<b>INVOICES TOTAL:</b>		<b>684.79</b>

\*\* Indicates pre-issue check.

**VILLAGE OF BARTLETT**  
**DETAIL BOARD REPORT**  
 INVOICES DUE ON/BEFORE 11/19/2019

**541600-PROFESSIONAL DEVELOPMENT**

VENDOR	INVOICE DESCRIPTION	INVOICE AMOUNT
1 IPPFA	ANNUAL MEMBERSHIP DUES	795.00
1 MICHAEL POREMBA	IPFA FALL PENSION SEMINAR	185.00
<b>INVOICES TOTAL:</b>		<b>980.00</b>

**GRAND TOTAL: 482,420.41**

GENERAL FUND	159,699.26
DEBT SERVICE FUND	1,000.00
MUNICIPAL BUILDING FUND	166,378.00
DEVELOPER DEPOSITS FUND	500.00
WATER FUND	25,764.53
SEWER FUND	75,678.36
PARKING FUND	5,907.69
GOLF FUND	14,195.22
CENTRAL SERVICES FUND	23,449.56
VEHICLE REPLACEMENT FUND	8,183.00
POLICE PENSION FUND	1,664.79
<b>GRAND TOTAL</b>	<b>482,420.41</b>

\*\* Indicates pre-issue check.

CASH & INVESTMENT REPORT  
September 30, 2019

Fund	8/31/2019			Detail of Ending Balance		9/30/2019
	Receipts	Disbursements	Cash	Investments	Net Assets/Liab.	
General	14,994,137	1,800,480	6,570,241	8,233,224	685,164	15,488,630
MFT	2,758,999	70,396	1,606,589	1,243,569	(20,107)	2,830,052
Debt Service	2,096,995	318	1,055,028	1,497,332	6,197	2,558,556
Capital Projects	41,052	0	16,960	24,070	83	41,113
Municipal Building	1,003,700	46,743	442,306	627,736	(111,160)	958,881
Developer Deposits	2,456,278	0	(12,344)	2,141,601	341,246	2,470,503
59 & Lake Tif	0	0	304,685	432,419	(737,104)	0
BC Municipal TIF	834,226	42,308	436,438	619,407	(23,879)	1,031,966
Bluff City Tif Municipal	66,734	0	30,513	43,304	149	73,966
Water	(2,387,349)	964,622	1,302,921	1,849,008	(5,166,581)	(2,014,652)
Sewer	20,503,657	244,291	1,222,764	1,735,246	17,871,144	20,829,154
Parking	74,589	17,570	30,538	43,340	(4,690)	69,188
Golf	510,614	192,208	0	0	568,737	568,737
Central Services	622,987	85,227	140,099	198,833	314,265	653,196
Vehicle Replacement	3,647,461	0	591,718	839,786	2,267,473	3,698,977
<b>TOTALS</b>	<b>47,224,082</b>	<b>3,464,164</b>	<b>13,738,454</b>	<b>19,528,876</b>	<b>15,990,937</b>	<b>49,258,267</b>
BC Project TIF	7,299,674	2,000	0	0	8,982,174	8,982,174
Bluff City Project TIF	237,586	0	144,259	204,737	704	349,700
Bluff City SSA Debt Srv.	1,127,800	0	0	0	1,129,764	1,129,764
Police Pension	45,501,738	244,100	1,445,407	44,171,936	135,291	45,752,634

*Todd Dowden*

Todd Dowden  
Finance Director

VILLAGE OF BARTLETT TREASURER'S REPORT  
 REVENUE & EXPENDITURE BUDGET COMPARISONS BY FUND  
 FISCAL YEAR 2019/20 as of September 30, 2019

Fund	Revenues			Expenditures				
	Actual	Current Year Budget	Percent	Prior YTD %	Actual	Current Year Budget	Percent	Prior YTD %
General	12,912,163	23,354,315	55.29%	52.40%	9,830,601	23,798,503	41.31%	39.48%
MFT	507,922	2,125,158	23.90%	21.56%	1,160,000	3,480,225	33.33%	35.90%
Debt Service	2,435,517	3,228,357	75.44%	77.09%	671,731	3,210,325	20.92%	21.85%
Capital Projects	283	600	47.18%	71.00%	0	0	0.00%	0.00%
Municipal Building	265,051	586,400	45.20%	1.57%	292,013	797,500	36.62%	22.56%
Developer Deposits	43,933	506,500	8.67%	44.65%	0	639,500	0.00%	0.00%
Bluff City SSA	640,151	1,161,458	55.12%	585.56%	120,388	1,181,875	10.19%	490.64%
59 & Lake TIF	0	133,000	0.00%	0.00%	0	133,000	0.00%	0.00%
Bluff City Municipal TIF	22,457	31,300	71.75%	60.31%	0	57,000	0.00%	0.00%
Bluff City Project TIF	346,263	1,943,000	1.16%	344.77%	0	1,940,000	0.00%	330.76%
Brewster Creek Municipal TIF	741,688	740,000	100.23%	100.43%	234,177	1,183,924	19.78%	35.12%
Brewster Creek Project TIF	5,201,817	7,685,000	67.69%	75.15%	467,660	7,675,000	6.09%	24.99%
Water	7,426,567	13,231,000	56.13%	11.16%	5,758,901	14,824,910	38.85%	9.10%
Sewer	2,804,160	11,980,000	23.41%	43.79%	1,565,315	11,955,714	13.09%	27.73%
Parking	77,392	233,400	33.16%	35.54%	94,334	218,027	43.27%	38.89%
Golf	1,438,891	2,301,650	62.52%	58.40%	1,135,744	2,264,194	50.16%	45.23%
Central Services	576,957	1,383,763	41.69%	41.92%	443,442	1,433,585	30.93%	37.53%
Vehicle Replacement	279,511	663,770	42.11%	41.94%	183,939	675,500	27.23%	28.09%
Police Pension	2,891,788	5,018,571	57.62%	73.17%	921,783	5,018,571	18.37%	16.42%
Subtotal	38,612,511	76,307,242	50.60%	48.07%	22,880,027	80,487,353	28.43%	32.91%
Less Interfund Transfers	(2,251,538)	(4,149,854)	54.26%	57.19%	(2,251,538)	(4,149,854)	54.26%	57.19%
Total	36,360,973	72,157,388	50.39%	23.43%	20,628,489	76,337,499	27.02%	32.10%

VILLAGE OF BARTLETT TREASURER'S REPORT  
 MAJOR REVENUE BUDGET COMPARISONS  
 FISCAL YEAR 2019/20 as of September 30, 2019

Fund	Actual	Current Year		Prior YTD %
		Budget	Percent	
Property Taxes	8,651,052	11,160,020	77.52%	78.52%
Sales Taxes (General Fund)	996,186	2,460,000	40.50%	41.47%
Income Taxes	2,046,054	4,150,000	49.30%	45.71%
Telecommunications Tax	219,958	750,000	29.33%	45.29%
Home Rule Sales Tax	714,218	1,600,000	44.64%	0.00%
Real Estate Transfer Tax	503,828	750,000	67.18%	78.48%
Building Permits	383,340	600,000	63.89%	37.14%
MFT	483,289	1,085,000	44.54%	40.57%
Water Charges	5,036,829	12,000,000	41.97%	43.55%
Sewer Charges	2,559,317	6,075,000	42.13%	40.71%
Interest Income	200,890	417,600	48.11%	93.27%

VILLAGE OF BARTLETT TREASURER'S REPORT  
 GOLF FUND DETAIL (Excluding Capital Projects)  
 FISCAL YEAR 2019/20 as of September 30, 2019

Fund	Current Year		Percent
	Actual	Budget	
<b>Golf Program</b>			
Revenues	879,332	1,300,650	67.61%
Expenses	654,323	1,277,317	51.23%
Net Income	<u>225,009</u>	<u>23,333</u>	964.34%
<b>F&amp;B - Restaurant</b>			
Revenues	109,441	160,000	68.40%
Expenses	165,534	306,298	54.04%
Net Income	<u>(56,093)</u>	<u>(146,298)</u>	38.34%
<b>F&amp;B - Banquet</b>			
Revenues	358,309	715,000	50.11%
Expenses	274,673	611,929	44.89%
Net Income	<u>83,636</u>	<u>103,071</u>	81.14%
<b>F&amp;B - Midway</b>			
Revenues	91,809	126,000	72.86%
Expenses	41,214	68,650	60.04%
Net Income	<u>50,595</u>	<u>57,350</u>	88.22%
<b>Golf Fund Total</b>			
Revenues	1,438,891	2,301,650	62.52%
Expenses	1,135,744	2,264,194	50.16%
Net Income	<u>303,147</u>	<u>37,456</u>	809.34%

**Sales Taxes**

Month	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20
May	175,701	173,657	178,983	170,734	186,214	201,320	200,041	205,572
June	195,692	193,303	201,968	200,031	224,385	219,629	227,783	232,110
July	190,898	186,097	188,547	194,738	211,186	224,268	218,236	220,524
August	180,797	184,425	190,872	206,213	209,930	215,328	211,089	
September	182,163	189,650	183,399	198,880	206,205	208,760	215,922	
October	165,188	170,530	188,055	212,286	212,435	219,639	196,081	
November	181,865	174,037	179,846	204,437	207,123	221,599	221,276	
December	165,852	153,005	163,529	178,413	201,075	206,836	196,714	
January	168,154	210,506	187,865	194,219	190,934	196,530	181,590	
February	147,189	151,678	141,054	149,630	167,837	180,413	170,866	
March	147,039	128,886	141,609	161,850	159,411	167,379	156,194	
April	162,595	153,553	170,308	178,006	186,494	194,753	187,952	
<b>Total</b>	<b>2,063,133</b>	<b>2,069,327</b>	<b>2,116,036</b>	<b>2,249,438</b>	<b>2,363,230</b>	<b>2,456,454</b>	<b>2,383,743.06</b>	<b>658,206</b>

**% increase 4.17% 0.30% 2.26% 6.30% 5.06% 3.94% -2.96% 1.05%**

Budget 1,975,000 2,010,000 2,075,000 2,115,000 2,205,000 2,400,000 2,425,000 2,460,000

# VENDOR WARRANT DETAIL

## BARTLETT VILLAGE TREASURER

[RETURN HOME](#)
[VENDOR SUMMARY](#)
[CONTRACT SEARCH](#)
[PAYMENTS SEARCH](#)
[PAYMENTS ISSUED](#)
[PENDING PAYMENTS](#)

### PAYMENTS NOTIFICATIONS

➔ [Return Back](#)

<b>Warrant/EFT#: EF 0005821</b>				
<b>Fiscal Year</b>	2020	<b>Issue Date</b>	09/06/19	
<b>Warrant Total</b>	\$220,523.56	<b>Warrant Status</b>		
<b>Agency</b>	<b>Contract</b>	<b>Invoice</b>	<b>Voucher</b>	<b>Agency Amount</b>
492 - REVENUE		A1528792	0A1528792	\$220,523.56

IOC Accounting Line Details						
Fund	Agency	Organization	Appropriation	Object	Amount	Appropriation Name
0189	492	27	44910055	4491	\$220,523.56	DISTRIBUTE MUNI/CNTY SALES TAX

Payment Voucher Description	
Line	Text
1	IL DEPT. OF REVENUE AUTHORIZED THIS PAYMENT ON 09/05/2019
2	MUNICIPAL 1 % SHARE OF SALES TAX
3	LIAB MO: JUN. 2019 COLL MO: JUL. 2019 VCHR MO: SEP. 2019
4	?S PHONE: 217 785-6518 EMAIL: REV.LOCALTAX@ILLINOIS.GOV
61	MUNICIPAL 1 % SHARE OF SALES TAX

**MOTOR FUEL TAX**

Month	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20
May	89,115	104,788	106,665	89,988	93,139	91,478	86,848	83,590
June	75,066	71,924	80,212	58,408	58,737	72,645	79,592	76,204
July	87,721	84,361	89,915	103,948	94,278	95,252	93,416	95,250
August	87,924	99,063	61,056	100,154	89,533	89,970	90,079	137,033
September	76,347	70,076	83,006	67,441	79,032	79,527	75,247	
October	83,510	90,026	89,337	87,626	91,489	91,053	98,725	
November	89,027	77,655	90,552	101,486	93,216	92,796	92,950	
December	85,014	103,117	103,771	93,002	97,757	91,055	89,502	
January	82,788	90,866	97,525	89,828	92,928	93,233	89,403	
February	70,348	83,687	74,031	90,531	88,602	80,765	81,313	
March	83,251	65,802	37,978	77,861	75,544	80,062	77,761	
April	70,866	75,969	95,841	93,782	90,224	94,336	91,212	
<b>Subtotal</b>	<b>980,978</b>	<b>1,017,334</b>	<b>1,009,889</b>	<b>1,054,055</b>	<b>1,044,479</b>	<b>1,052,174</b>	<b>1,046,048</b>	<b>392,077</b>
Plus:								
High Growth	29,031	37,678	37,682	37,743	37,801	37,266	36,909	
Jobs Now	179,796	179,796	359,592					
<b>Total</b>	<b>1,189,805</b>	<b>1,234,808</b>	<b>1,407,163</b>	<b>1,091,798</b>	<b>1,082,280</b>	<b>1,089,440</b>	<b>1,082,957</b>	<b>392,077</b>
Budget	1,250,000	1,175,000	1,188,990	1,025,000	1,067,287	1,095,000	1,095,000	1,085,000

Annual Inc in \$

w/o High Growth      **-6.80%**      **3.71%**      **-0.73%**      **4.37%**      **-0.91%**      **0.74%**      **-3.31%**      **52.12%**



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

Bureau of Local Roads & Streets  
217-782-1662

Municipality Report

September 5, 2019

Bartlett

## MOTOR FUEL TAX ALLOTMENT AND TRANSACTIONS FOR AUGUST, 2019

Beginning Unobligated Balance		<b>\$3,833,852.45</b>
Motor Fuel Tax Fund Allotment	\$75,628.77	
MFT Transportation Renewal Fund Allotment	\$61,404.16	
Minus Amount Paid to State	\$0.00	
Net Motor Fuel Tax Allotment		<b>\$137,032.93</b>
Plus Credits Processed		\$0.00
Minus Authorizations Processed		\$0.00
Current Unobligated Balance		<b>\$3,970,885.38</b>

PROCESSED TRANSACTIONS:

## PROCLAMATION

### NATIONAL IMPAIRED DRIVING PREVENTION MONTH DECEMBER 2019

**WHEREAS**, motor vehicle crashes killed 1,031 people in Illinois during 2018; and

**WHEREAS**, hundreds of those deaths involved a driver impaired by alcohol and/or drugs; and

**WHEREAS**, the December holiday season is traditionally one of the most deadly times of the year for impaired driving; and

**WHEREAS**, for thousands of families across the state and nation, the holidays are a time to remember loved ones lost; and

**WHEREAS**, organizations across the state and nation are joined with the **Drive Sober or Get Pulled Over** and other campaigns that foster public awareness of the dangers of impaired driving and anti-impaired driving law enforcement efforts; and

**WHEREAS**, the Village of Bartlett is proud to partner with the Illinois Department of Transportation's Division of Traffic Safety and other traffic safety groups in an effort to make our roads and streets safer.

**NOW, THEREFORE**, I, Kevin Wallace, President of the Village of Bartlett, Cook, DuPage, and Kane Counties, Illinois, do hereby proclaim December 2019 as **Impaired Driving Prevention Month** in the Village of Bartlett and do hereby call upon all citizens, government agencies, business leaders, hospitals and health care providers, schools, and public and private institutions to promote awareness of the impaired driving problem, to support programs and policies to reduce the incidence of impaired driving, and to promote safer and healthier behaviors regarding the use of alcohol and other drugs this December holiday season and throughout the year.

Dated this 3<sup>rd</sup> day of December 2019



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Kevin Wallace, Village President



**PLANNING & DEVELOPMENT SERVICES MEMORANDUM**  
**19-177**

DATE: November 8, 2019  
TO: Paula Schumacher, Village Administrator  
FROM: Roberta B. Grill, Planning & Dev Services Director   
RE: **(#19-15) 211 Gatewood Lane**

---

**PETITIONER**

Blazej & Bozena Strozik

**SUBJECT SITE**

211 Gatewood Lane, Lot 273 in Fairfax Crossing, Unit No. 4

**REQUESTS**

Variation - to allow a six (6) foot high fence where a 4-foot high fence is permitted

***Staff requests this item be forwarded directly to the Village Board for a final vote.***

**SURROUNDING LAND USES**

	<b><u>Land Use</u></b>	<b><u>Comprehensive Plan</u></b>	<b><u>Zoning</u></b>
<b>Subject Site</b>	<b>Single Family</b>	<b>Suburban Residential</b>	<b>PD</b>
North	Single Family	Suburban Residential	PD
South	Single Family	Suburban Residential	SR-2
East	Single Family	Suburban Residential	PD
West	Open Space	Open Space	P-1

**DISCUSSION**

1. The subject property is zoned PD (Planned Development). The house was built in 1991.
2. The Petitioner is requesting a 2-foot variation to allow a six (6) foot high fence where a 4-foot high fence is permitted in the corner side yard (Gerber Rd).

3. The proposed wood privacy fence would replace the existing 3-foot high wood fence that is in disrepair. The existing fence was issued a permit in 1995 and is located at the property line. The proposed 6-foot tall fence will be setback 10 feet east of the corner side property line.
4. The 6-foot tall fence along Gerber Road will stop at the retaining wall and the fence along the rear property line will be extended towards Gerber Road. Due to the retaining wall there will be a small gap between the two fences.
5. The impervious surface ratio of this lot is currently 22% which meets the 35% maximum impervious surface for a lot of this size.
6. The Village Engineer has approved the location of the fence within the Sanitary Sewer Easement provided that 1) the fence be located at least 5 feet from the sanitary manhole near the southwest corner of the lot and 2) that if maintenance is required on the sewer, the fence needs to be removed and replaced at the owner's expense.
7. If the variation is approved, the Petitioner could then apply for a building permit for the proposed fence.

### **RECOMMENDATION**

1. The **Zoning Board of Appeals** reviewed the variation request and conducted the required public hearing at their meeting on November 7, 2019. The Zoning Board recommended **approval** based upon the following Findings of Fact:
  - A. That the particular physical surroundings, shape or topographical condition of the specific property involved would result in a particular hardship upon the owner, as distinguished from a mere inconvenience, if the strict letter of the regulations were carried out.
  - B. That conditions upon which the petition for the variation is based are unique to the property for which the variation is sought and are not applicable, generally, to other property within the same zoning classifications.
  - C. That the purpose of the variation is not based exclusively upon a desire to make money out of the property.
  - D. That the alleged difficulty or hardship is caused by the provision of this Title and has not been created by any person presently having an interest in the property.

- E. That the granting of the variation will not be detrimental to the public welfare or injurious to other property or improvements in the neighborhoods in which the property is located.
  - F. That the proposed variation will not impair an adequate supply of light and air to adjacent property, or substantially increase the congestion in the public streets, or increase the danger of fire, or endanger the public safety, or substantially diminish or impair property values within the adjacent neighborhood.
  - G. That the granting of the variance requested will not confer on the applicant any special privilege that is denied by the provisions of this Title to other lands, structures or buildings in the same district.
2. The Ordinance, Minutes from the Zoning Board of Appeals meeting, and background materials are attached for your review and consideration.

kms/attachments

x:\comdev\mem2019\177\_211gatewood\_strozik\_variation\_vb.docx

**ORDINANCE 2019 - \_\_\_\_\_**

**AN ORDINANCE GRANTING A FENCE HEIGHT VARIATION FOR  
211 GATEWOOD LANE**

**WHEREAS**, a public hearing has heretofore been held by the Bartlett Zoning Board of Appeals (the "Zoning Board") on November 7, 2019 pursuant to public notice as required by law, with respect to the petition (Case #19-15) of Blazej and Bozena Strozik (the "Owners") of the property commonly known as 211 Gatewood Lane for a two (2) foot height variation to allow a six (6) foot high fence where a 4-foot high fence is permitted in the corner side yard, (the "Variation") in the PD, Planned Development Zoning District;

**WHEREAS**, the Zoning Board has recommended approval of the variation to the corporate authorities; and

**WHEREAS**, the corporate authorities have determined that it is in the public interest to grant the zoning relief requested;

**NOW, THEREFORE, BE IT ORDAINED** by the President and Board of Trustees of the Village of Bartlett, Cook, DuPage and Kane Counties, Illinois as follows:

**SECTION ONE:** The corporate authorities hereby make the following findings of fact:

- A. That the particular physical surroundings, shape or topographical condition of the specific property involved would result in a particular hardship upon the owner, as distinguished from a mere inconvenience, if the strict letter of the regulations were carried out.
- B. That conditions upon which the petition for a variation is based are unique to the property for which the variations are sought and are not applicable, generally, to other property within the same zoning classifications.
- C. That the purpose of the variation are not based exclusively upon a desire to make money out of the property.

- D. That the alleged difficulty or hardship is caused by the provision of the Zoning Ordinance and has not been created by any person presently having an interest in the property.
- E. That the granting of the variation will not be detrimental to the public welfare or injurious to other property or improvements in the neighborhoods in which the property is located.
- F. That the proposed variation will not impair an adequate supply of light and air to adjacent property, or substantially increase the congestion in the public streets, or increase the danger of fire, or endanger the public safety, or substantially diminish or impair property values within the adjacent neighborhood.
- G. That the granting of the variance requested will not confer on the applicant any special privilege that is denied by the provisions of this Title to other lands, structures or buildings in the same district.

**SECTION TWO:** A two (2) foot height variation to allow a six (6) foot high fence where a 4-foot high fence is permitted in the corner side yard, in the PD, Planned Development Zoning District, is hereby granted for 211 Gatewood Lane, Bartlett, Illinois, legally described as:

**LOT 273 IN FAIRFAX CROSSINGS UNIT 4, BEING A SUBDIVISION OF PART OF THE SOUTHEAST QUARTER, OF SECTION 14, TOWNSHIP 40 NORTH, RANGE 9, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED AUGUST 2, 1989 AS DOCUMENT R89-093620 AND CERTIFICATE OF CORRECTION RECORDED JANUARY 11, 1990 AS DOCUMENT R90-005173, IN DUPAGE COUNTY, ILLINOIS.**

**PERMANENT INDEX NUMBER: 01-14-304-005**

(the "Property"), subject to the findings of fact in Section One and the condition set forth in Section Three of this Ordinance.

**SECTION THREE:** All structures to be built upon the Property shall be built in strict compliance with the Bartlett Building Code.

**SECTION FOUR: SEVERABILITY.** The various provisions of this Ordinance are to be considered as severable, and if any part or portion of this Ordinance shall be held invalid by any Court of competent jurisdiction, such decision shall not affect the

validity of the remaining provisions of this Ordinance.

**SECTION FIVE: REPEAL OF PRIOR ORDINANCES.** All prior Ordinances and Resolutions in conflict or inconsistent herewith are hereby expressly repealed only to the extent of such conflict or inconsistency.

**SECTION SIX: EFFECTIVE DATE.** This Ordinance shall be in full force and effect after its passage and approval.

**ROLL CALL VOTE:**

**AYES:**

**NAYS:**

**ABSENT:**

**PASSED: this 19<sup>th</sup> day of November 2019**

**APPROVED: this 19<sup>th</sup> day of November 2019**

\_\_\_\_\_  
**Kevin Wallace, Village President**

**ATTEST:**

\_\_\_\_\_  
**Lorna Giles, Village Clerk**

### **CERTIFICATION**

I, the undersigned, do hereby certify that I am the Village Clerk of the Village of Bartlett, Cook, DuPage and Kane Counties, Illinois, and that the foregoing is a true, complete and exact copy of Ordinance 2019-\_\_\_\_\_, enacted on November 19, 2019 and approved on November 19, 2019 as the same appears in the official records of the Village of Bartlett.

\_\_\_\_\_  
**Lorna Giles, Village Clerk**



Village of Bartlett  
Zoning Board of Appeals Minutes  
November 7, 2019

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**(#19-15) 211 Gatewood Lane**

**Variation:**

To allow a six (6) foot high fence where a 4-foot high fence is permitted

**PUBLIC HEARING**

**The following Exhibits were presented:**

**Exhibit A - Picture of Sign**

**Exhibit B - Mail Affidavit**

**Exhibit C - Notification of Publication**

Petitioner, **Bozena Strozik** was sworn in by **M. Werden**.

**B. Strozik** of 211 Gatewood Ln is requesting a 6 ft high fence where a 4 ft is currently allowed because they are on a corner lot by a busy street, which is Gerber and they have 2 small kids and a dog. They are requesting the 6 ft high fence 10 ft off the property line for safety and privacy. **M. Werden** stated that he noticed that the current fence is very close to the sidewalk. On the drawing, it appears that there will be a 10 ft setback for the taller fence. **K. Stone** stated that the existing 3 ft fence is up to the property line. They will be pulling the fence back 10 ft from the existing fence that is out there. **M. Werden** concerned about fences that are along the sidewalk where you cannot see what is on the other side. It is a very busy area there and normally this would be quite a stretch for a fence that high, but giving the traffic area, it probably is justified. According to the picture, I think it is going to be a solid fence. **B. Strozik** stated, yes, it is going to be a solid wood fence. **M. Werden** concerned about the maintenance of a wooden fence. **B. Strozik** stated that her husband will be very good at maintaining the fence.

**M. Werden** asked if there were any further questions. **B. Bucaro** commented that considering the Committee of the Whole meeting on Tuesday and the discussion about changing our fence ordinance. This would fit in with the permanent change. **K. Stone** stated that the Village Board directed staff to look into possibly allowing 6 ft fences in corner side yards. We did an analysis of all fence variations that we have had since 1991. Since 2002, the Zoning Board and the Village Board have approved fences as long as they are 10 ft off the property line. We felt the proposed text amendment that you will see next month is to make this a permanent change if someone has their fence set off 10 ft. from their corner side property line they could go up to 6 ft in height. **B. Bucaro** asks if there would be some distinction from major streets and minor streets. **K. Stone** stated for major arterials, which would be Lake St, County Farm, and Route 59, we would allow people to go up to 6 inches from the property line, because we do not want to have an area that is not being maintained. There are only 8 lots in the village that would qualify as having a corner side yard along one of those major arterials. Many of those already have fences up to the property line. A lot of times, the developer puts those in initially instead of the homeowner having to come in at a later date. **M. Sarwas** agreed that this would be a great security benefit, especially with young children on such a busy street. **K. Stone** added, we also think this would make for a more uniform look. When you are going down streets, a lot of time people will have a 4 ft fence, but they wanted the 6 ft fence, and they did not want to go through the variance process, so they have



Village of Bartlett  
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November 7, 2019

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shrubs that are almost overgrown onto the sidewalk. We think if we allow people the 6 ft fence, but have it set back further, it avoids some of those issues as well.

**M. Werden** opened public hearing.

**M. Werden** asked if the public had any other comments. No one came forward.

**Mike Kelly** arrived to join the meeting and stated that he was unable to enter the building because the doors were locked and wanted to make comments on 120 Live. **M. Werden** informs M. Kelly that the current discussion is about 211 Gatewood Ln, but he will be added to the record once the current public hearing is finished.

**M. Werden** asked if anyone had a motion.

**C. Deveaux** made a motion to pass along a positive recommendation to the Village Board to approve case **(#19-15) 211 Gatewood Lane**.

**Motioned by: C. Deveaux**

**Seconded by: G Papa**

**M. Werden** closed the Public Hearing portion of the meeting.

Roll Call

**Ayes: G. Papa, B. Bucaro, J. Banno, M. Werden, G. Koziol, M. Sarwas and C. Deveaux**

**Nays:**

**The motion carried.**

Blazej & Bozena Strozik

211 Gatewood Ln

Bartlett IL 60103

RECEIVED  
COMMUNITY DEVELOPMENT

10 16 2019  
VILLAGE OF  
BARTLETT

Dear Village of Bartlett Board of Directors,

We are writing this letter to seek your approval to be able to put up a six foot fence further out then the building setback line.

We ask this because we are concerned for the safety of our children while they play out in the back yard. The four-foot fence does not offer any privacy, in this day and age we want to be able to do whatever we can to make sure that our children are not exposed to all of the strangers driving by.

In the future we would like to put up a pool and it not be distracting to people driving by. We also have a dog that while he is out and someone is walking by he barks and might scare the neighbors as he is big and intimidating.

The location of our property is surrounded by lots of open space, we have a retention pond in the back of the property, a retention pond in front of the property and a forest preserve across the street. While the forest preserve is a welcome feature, it raises another concern for us as we have seen Coyotes in the area. We would like to be able to protect ourselves from them entering our back yard.

Based on the above reasons, we seek your approval to be able to put up a six foot fence further out then the building set back line.

Sincerely,

Blazej & Bozena Strozik





# VILLAGE OF BARTLETT VARIATION APPLICATION

For Office Use Only  
Case # **2019-15**  
RECEIVED  
COMMUNITY DEVELOPMENT  
OCT 16 2019  
VILLAGE OF  
BARTLETT

### PETITIONER INFORMATION (PRIMARY CONTACT)

Name: Bozena & Blazej Stozik

Street Address: 211 Gatewood Ln

City, State: Bartlett IL

Zip Code: 60103

Email Address: [REDACTED]

Phone Number: [REDACTED]

Preferred Method to be contacted See Dropdown

### PROPERTY OWNER INFORMATION

Name: Blazej Stozik

Street Address: 211 Gatewood Ln

City, State: Bartlett IL

Zip Code: 60103

Phone Number: [REDACTED]

OWNER'S SIGNATURE: [Signature] Date: 10-15-19

(OWNER'S SIGNATURE IS REQUIRED or A LETTER AUTHORIZING THE PETITION SUBMITTAL.)

### DESCRIPTION OF VARIATION REQUEST (i.e. setback, fence height) including SIZE OF REQUEST (i.e. 5ft., 10 ft.)

6ft tall fence 10ft off property line

### PROPERTY INFORMATION

Common Address/General Location of Property: 211 GATEWOOD LN

Property Index Number ("Tax PIN" / "Parcel ID"): \_\_\_\_\_

Acreage: \_\_\_\_\_

Zoning: See Dropdown RD (Refer to Official Zoning Map)

### APPLICANT'S EXPERTS (If applicable, including name, address, phone and email)

Attorney \_\_\_\_\_

Surveyor \_\_\_\_\_

Other \_\_\_\_\_

## FINDINGS OF FACT FOR VARIATIONS

Both the Zoning Board of Appeals and the Village Board must decide if the requested variation is in harmony with the general purpose and intent of the Zoning Ordinance and if there is a practical difficulty or hardship in carrying out the strict letter of the regulations of the Zoning Ordinance.

The Zoning Board of Appeals shall make findings based upon evidence presented on the following standards: **(Please respond to each of these standards in writing below as it relates to your case. It is important that you write legibly or type your responses as this application will be included with the staff report for the ZBA and Village Board to review.)**

1. That the particular physical surroundings, shape or topographical condition of the specific property involved would result in a particular hardship upon the owner, as distinguished from a mere inconvenience, if the strict letter of the regulations were carried out.

*We are a corner property lot, we have a retention pond in the back of the property and a forest preserve across the street.*

2. That conditions upon which the petition for a variation is based are unique to the property for which the variation is sought and are not applicable, generally, to other property within the same zoning classifications.

*Yes, the location of the property is unique, surrounded by lots of open space.*

3. That the purpose of the variation is not based exclusively upon a desire to make more money out of the property.

*NO*

4. That the alleged difficulty or hardship is caused by the provisions of this Title and has not been created by any person presently having an interest in the property.

yes

5. That the granting of the variation will not be detrimental to the public welfare or injurious to other property or improvements in the neighborhoods in which the property is located.

Yes This will not be detrimental to the public.

6. That the proposed variation will not impair an adequate supply of light and air to adjacent property, or substantially increase the congestion in the public streets, or increase the danger of fire, or endanger the public safety, or substantially diminish or impair property values within the adjacent neighborhood.

It will not impair an adequate supply of light. There is lots of open space around our home

7. That the granting of the variance requested will not confer on the applicant any special privilege that is denied by the provisions of this Title to other lands, structures or buildings in the same district.

Correct, it will NOT confer on the applicant any special privileges.





# KaBal SURVEYING COMPANY

Land Surveying Services

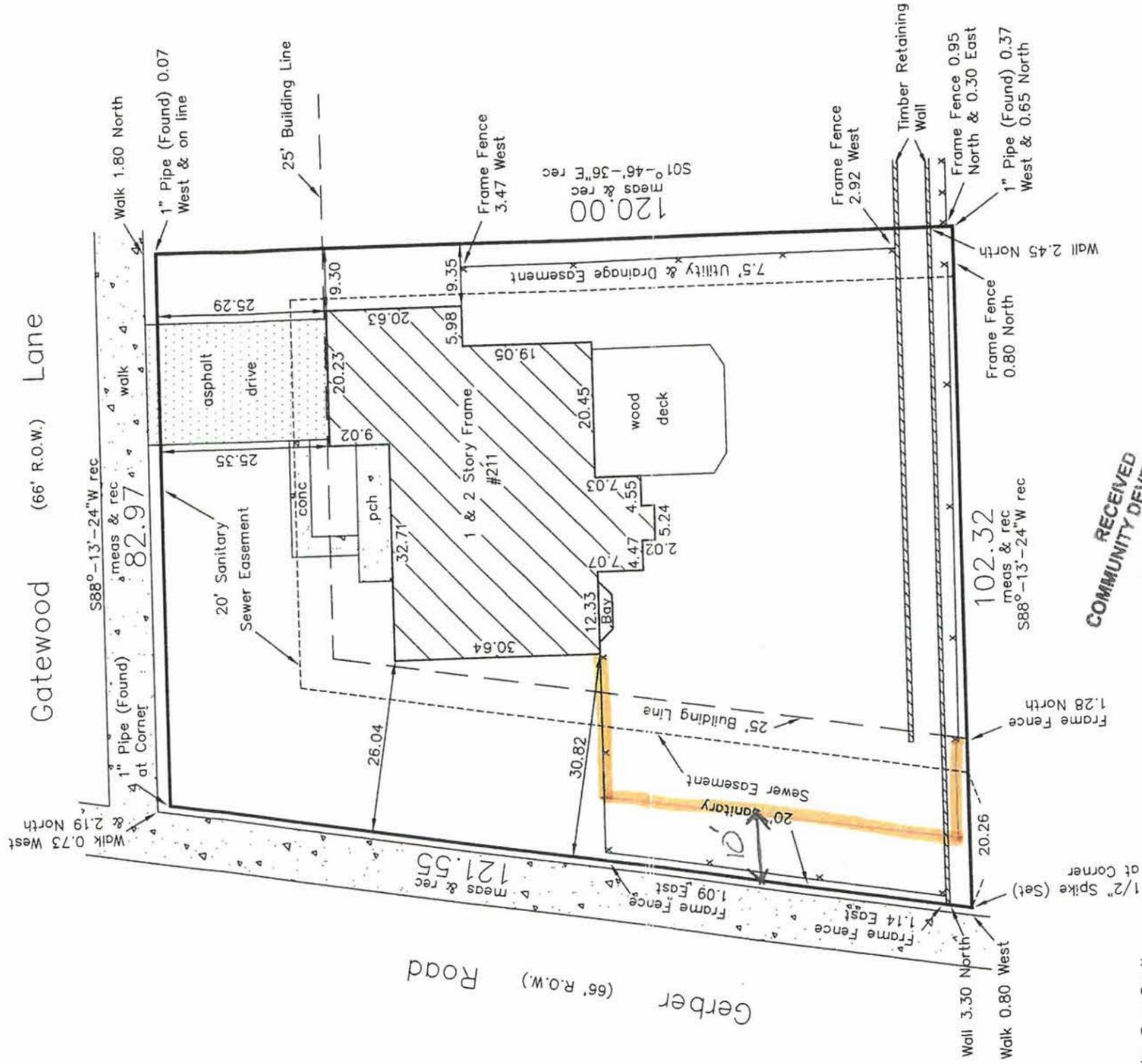
10407 West Cermak Road  
Westchester, Illinois 60154  
(708) 562-2652  
Fax (708) 562-7314  
email: kabal-surveying@comcast.net  
website: KabalSurveyingCompany.com  
Registration No. 184-003061

# PLAT OF SURVEY

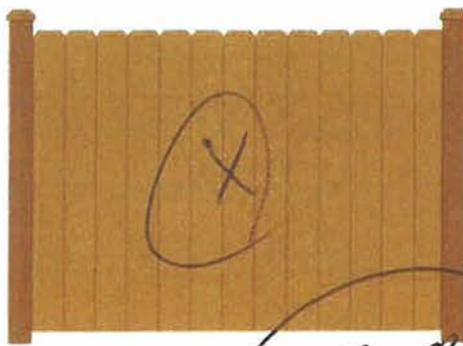
Lot 273 in Fairfax Crossings Unit 4, being a subdivision of part of the Southwest quarter and part of the Southeast quarter of Section 14, Township 40 North, Range 9, East of the Third Principal Meridian, according to the Plat thereof recorded August 2, 1989 as Document R89-093620 and Certificate of Correction recorded January 11, 1990 as Document R90-005173, in DuPage County, Illinois.

(assumed)

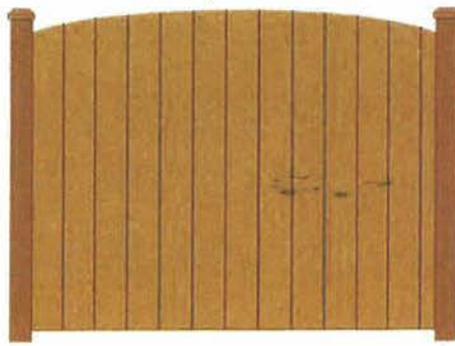
Address: 211 Gatewood Lane, Bartlett



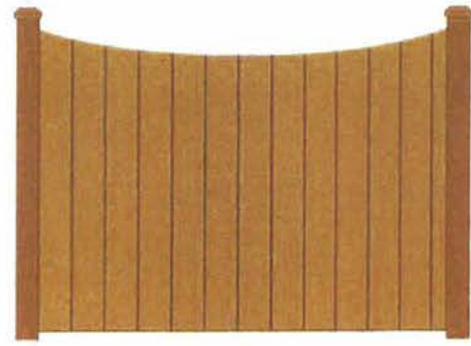




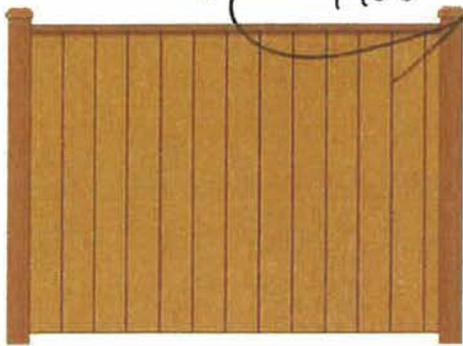
\* Dog Eared 4700<sup>00</sup>



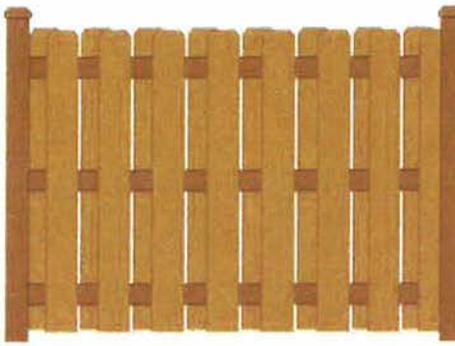
\* Arched



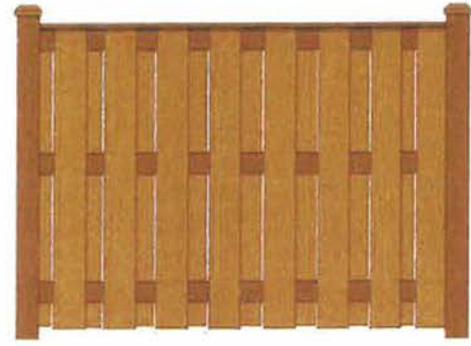
\* Scalloped



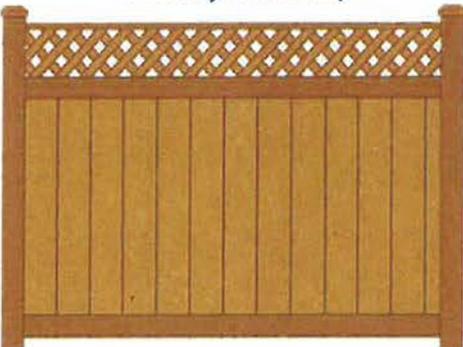
\* Privacy with Cap



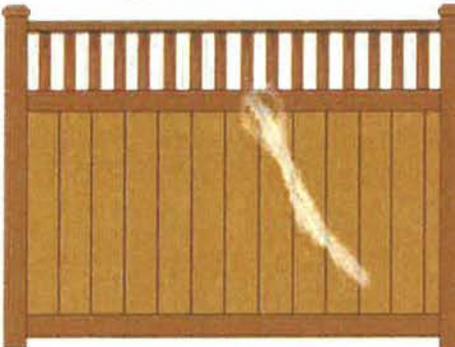
\* Board on Board



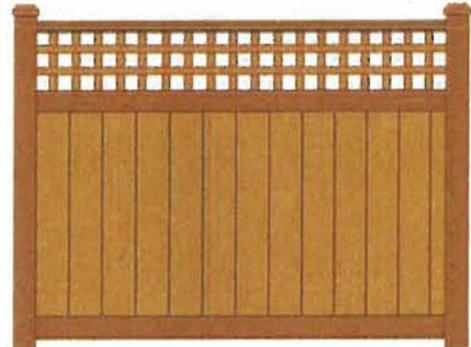
\* Board on Board with Cap



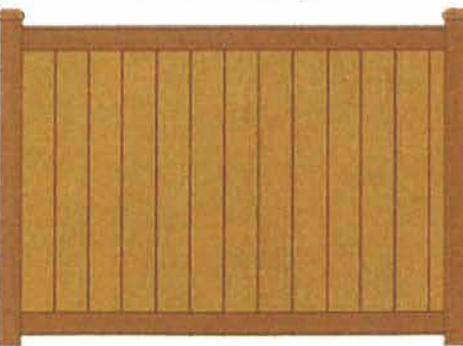
Lattice Top



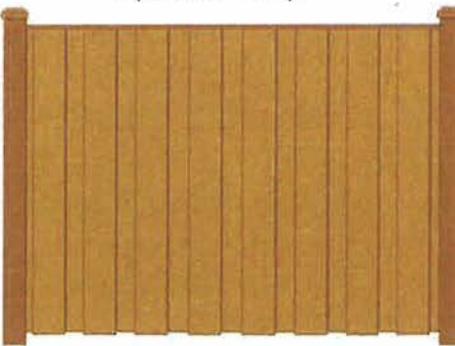
Spindle Top



Square Lattice



\* Traditional



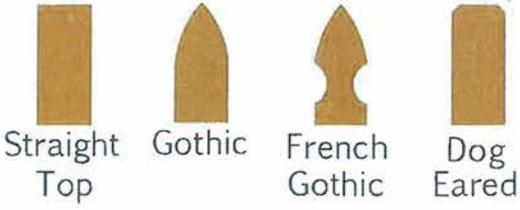
\* Board on Batton



\* Horizontal

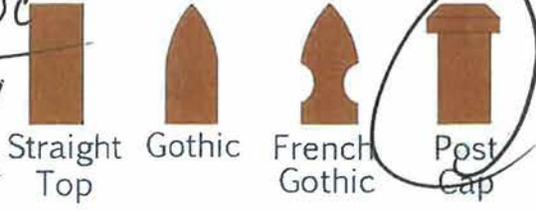
RECEIVED  
COMMUNITY DEVELOPMENT  
JUL 15 2019  
VILLAGE OF  
BARTLETT

Board Top Options



GATE POST (4)  
4x6x9 RWC  
1 4x4x12'  
TP inc

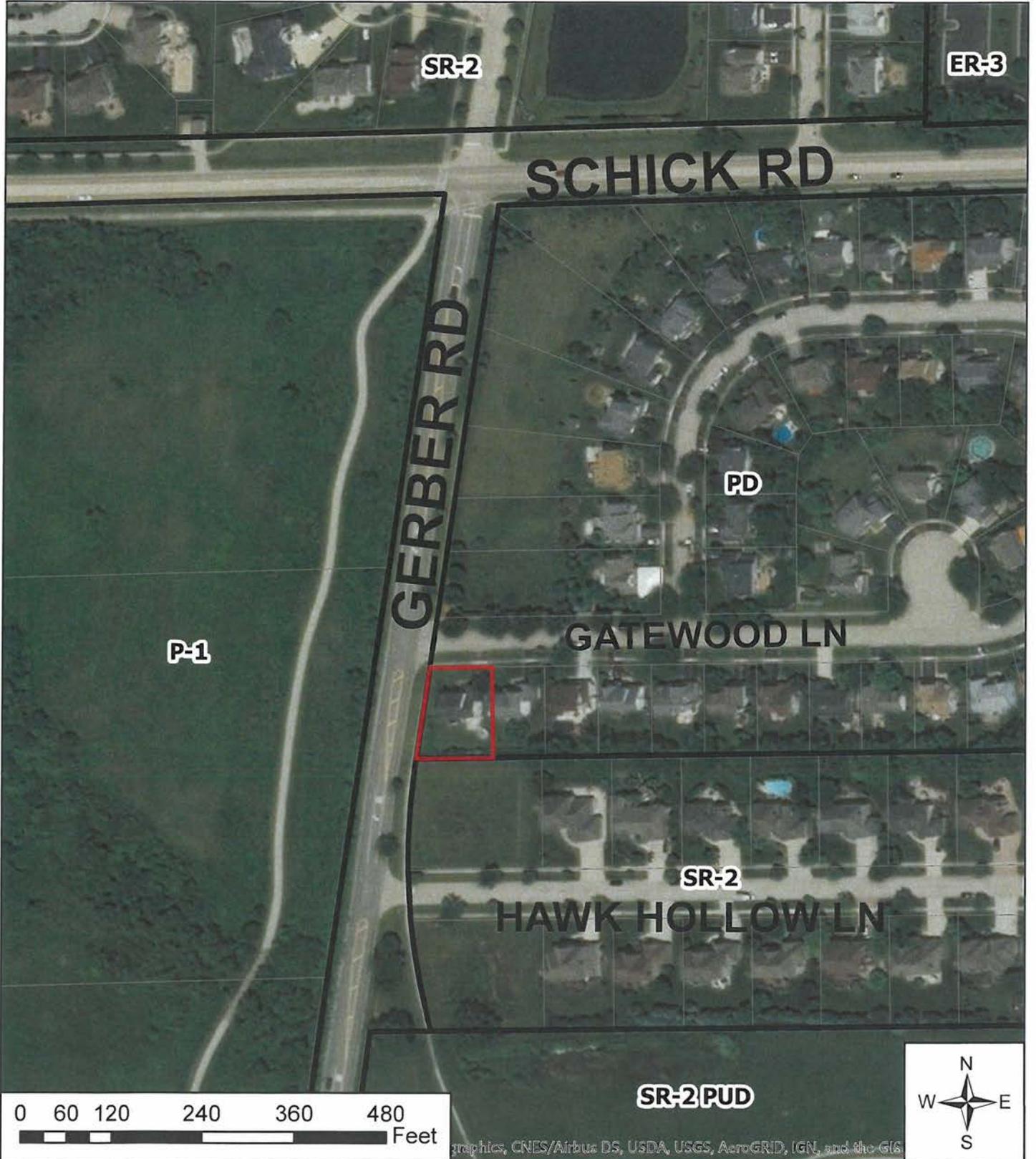
Post Top Options



# ZONING/LOCATION MAP

211 GATEWOOD LN

PIN: 01-14-304-001





# Agenda Item Executive Summary

Item Name: **Zoning Ordinance Text Amendment (Adult-use Cannabis Uses)** Committee or Board: **Board**

## BUDGET IMPACT

Amount:	N/A	Budgeted	N/A
List what fund	N/A		

## EXECUTIVE SUMMARY

The Village Board Committee has discussed the pros and cons of allowing certain types of adult-use cannabis business enterprises to operate within the Village of Bartlett on two separate occasions (July 16, 2019 and September 17, 2019). After much discussion, the Committee directed staff to draft a zoning ordinance text amendment which would allow a limited number of Adult-use Cannabis Dispensing and Cultivation businesses within the Village and prohibiting other Adult-use Cannabis businesses.

The Zoning Ordinance text amendment would allow up to two (2) Adult-use Cannabis Dispensaries located at least 1,000 feet from uses such as schools and residential properties. A total of one (1) dispensary may be located in the Blue Heron Business Park/Bluff City Industrial Park and a total of one (1) dispensary may be located in the Brewster Creek Business Park. The same rules would apply to Adult-use Cannabis Cultivation businesses, with the exception of a distance requirement of 2,500 feet instead of 1,000 feet.

The amendment expressly prohibits the following Adult-use Cannabis businesses within the Village of Bartlett: Craft Growing, Infusing, Processing, and Transportation.

The Zoning Board of Appeals reviewed the Draft Zoning Ordinance Text Amendment and conducted the public hearing at their meeting on November 7, 2019. The **Zoning Board of Appeals recommended approval.**

## ATTACHMENTS (PLEASE LIST)

Memo, Ordinance, and Minutes from the Zoning Board of Appeals meeting

## ACTION REQUESTED

- For Discussion Only
- Resolution
- Ordinance Move to approve Ordinance #2019-\_\_ Amending the Bartlett Municipal Code Title 10 Zoning to add Provisions to Allow Certain Adult-use Cannabis Uses as a Special Use and Prohibiting Certain Adult-use Cannabis Uses
- Motion

Staff: Roberta Grill, Planning & Dev Services Director Date: November 11, 2019

**PLANNING & DEVELOPMENT SERVICES MEMORANDUM**

**19-176**

DATE: November 11, 2019

TO: Paula Schumacher, Village Administrator

FROM: Roberta Grill, Director 

RE: Adult-Use Cannabis Zoning Ordinance Text Amendment

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**Background**

Beginning January 1, 2020, the consumption of cannabis by any person twenty-one (21) years of age or older will be legal in the State of Illinois. The state law provides that municipal governments may limit the operation of adult-use cannabis related businesses within their jurisdictions. Staff brought this issue to the attention of the Village Board Committee of the Whole at their July 16, 2019 meeting. The Village Board Committee discussed the pros and cons of Adult-Use Cannabis business enterprises in the Village and continued their discussion to their September 17, 2019 meeting. The Village Board of Trustees directed staff to draft a text amendment to the Zoning Ordinance allowing a limited number of Adult-Use Cannabis Dispensing and Cultivation businesses within the Village. The text amendment is to allow up to two (2) Adult-use Cannabis Dispensaries located at least 1,000 feet from any school, daycare, or property zoned for residential use. A total of one (1) dispensary may be located in the Blue Heron Business Park/Bluff City Industrial Park and a total of one (1) dispensary may be located in the Brewster Creek Business Park. The same rules will apply to Adult-use Cannabis Cultivation operations with the only exception being a distance requirement of 2,500 feet instead of the 1,000 feet required of a dispensary. The Zoning Ordinance text amendment will expressly prohibit the following adult-use cannabis uses: craft growing, infusing, processing, and transportation.

**Text Amendment**

In order to accomplish the goal of allowing, by Special Use, a total of two (2) Adult-Use Cannabis Dispensaries and a total of two (2) Adult-use Cannabis Cultivation operations, while prohibiting all other Adult-use Cannabis business enterprises within the Village, the following amendments to the Zoning Ordinance are proposed:

**Section 10-2-2 Definitions** is amended to define the following adult-use cannabis enterprises: Adult-use cannabis craft grower, Adult-use cannabis cultivation center, Adult-use cannabis dispensing center, Adult-use cannabis infuser organization or infuser, Adult-use cannabis processing organization or processor, and Adult-use cannabis transporting organization or transporter. Adult-use cultivation center is further defined to require a distance of at least two thousand five hundred feet (2,500') from the property

line of a pre-existing public or private nursery school, preschool, primary or secondary school, day care center, day care home or residential care home or pre-existing property zoned or used for residential purposes and to allow only one (1) in Blue Heron Business Park/Bluff City Industrial Park and one (1) in Brewster Creek Business Park. Adult-use dispensing center is further defined to require a distance of at least one thousand feet (1,000') from the property line of a pre-existing public or private nursery school, preschool, primary or secondary school, day care center, day care home or residential care home or pre-existing property zoned or used for residential purposes and to allow only one (1) in Blue Heron Business Park and one (1) in Brewster Creek Business Park.

**Section 10-6A-6 Prohibited Uses** is amended to include and thereby prohibit the following uses in the B-1 Village Center District: Adult-use cannabis cultivation center, Adult-use cannabis dispensing center, Adult-use cannabis craft grower, Adult-use cannabis infuser organization or infuser, Adult-use cannabis processing organization or processor, Adult-use cannabis transporting organization or transporter, Medical cannabis cultivation center, and Medical cannabis dispensing center.

**Section 10-6B-6 Prohibited Uses** is amended to include and thereby prohibit the following uses in the B-2 Local Convenience Shopping District: Adult-use cannabis cultivation center, Adult-use cannabis dispensing center, Adult-use cannabis craft grower, Adult-use cannabis infuser organization or infuser, Adult-use cannabis processing organization or processor, Adult-use cannabis transporting organization or transporter, Medical cannabis cultivation center, and Medical cannabis dispensing center.

**Section 10-6C-6 Prohibited Uses** is amended to include and thereby prohibit the following uses in the B-3 Neighborhood Shopping District: Adult-use cannabis cultivation center, Adult-use cannabis dispensing center, Adult-use cannabis craft grower, Adult-use cannabis infuser organization or infuser, Adult-use cannabis processing organization or processor, Adult-use cannabis transporting organization or transporter, Medical cannabis cultivation center, and Medical cannabis dispensing center.

**Section 10-6D-6 Prohibited Uses** is amended to include and thereby prohibit the following uses in the B-4 Community Shopping District: Adult-use cannabis cultivation center, Adult-use cannabis dispensing center, Adult-use cannabis craft grower, Adult-use cannabis infuser organization or infuser, Adult-use cannabis processing organization or processor, Adult-use cannabis transporting organization or transporter, Medical cannabis cultivation center, and Medical cannabis dispensing center.

**Section 10-7A-4 Special Uses** is amended to allow Adult-use cultivation center and Adult-use dispensing center in the I-1 Light Industrial District by Special Use Permit.

**Section 10-7A-6 Prohibited Uses** is amended to include and thereby prohibit the following uses in the I-1 Light Industrial District: Adult-use cannabis craft grower, Adult-use cannabis infuser organization or infuser, Adult-use cannabis processing organization or processor, and Adult-use cannabis transporting organization or transporter.

**Section 10-7C-4 Special Uses** is amended to allow Adult-use cultivation center and Adult-use dispensing center in the I-2 EDA Economic Development Area Overlay District by

Special Use Permit.

**Section 10-7C-6 Prohibited Uses** is amended to include and thereby prohibit the following uses in the I-2 EDA Economic Development Area Overlay District: Adult-use cannabis craft grower, Adult-use cannabis infuser organization or infuser, Adult-use cannabis processing organization or processor, and Adult-use cannabis transporting organization or transporter.

**Section 10-8A-6 Prohibited Uses** is amended to include and thereby prohibit the following uses in the P-1 Public Land District: Adult-use cannabis cultivation center, Adult-use cannabis dispensing center, Adult-use cannabis craft grower, Adult-use cannabis infuser organization or infuser, Adult-use cannabis processing organization or processor, Adult-use cannabis transporting organization or transporter, Medical cannabis cultivation center, and Medical cannabis dispensing center.

**Section 10-13-8 Special Uses** is amended to include additional findings of fact specific to an Adult-use cannabis dispensing center and Adult-use cannabis cultivation center. The amendment also includes a requirement for building enhancements at these facilities to provide for safety and security of the facility and the neighborhood in which they are located.

Cannabis related uses will also be prohibited in the Residential Districts and the OR Office/Research District by their exclusion from these zoning district regulations. Due to the construction of these zoning district regulations, the Residential and OR Office/Research Districts do not require revision. Only permitted and special uses are addressed in these districts and any use not addressed is prohibited.

## **RECOMMENDATION**

1. The Staff recommends **approval** of the proposed amendments to the Municipal Code.
2. The Zoning Board of Appeals reviewed the Draft Zoning Ordinance Text Amendment and conducted the public hearing at their meeting on November 7, 2019. **The Zoning Board recommended approval.**
3. The minutes from the Zoning Board of Appeals and a draft Ordinance is attached for your review.

rwh/attachments

176\_Adult-use Cannabis Text Amendment\_VB

**ORDINANCE 2019 - \_\_\_\_\_**

**AN ORDINANCE AMENDING THE BARTLETT MUNICIPAL CODE TITLE 10 ZONING TO ADD PROVISIONS TO ALLOW CERTAIN ADULT-USE CANNABIS USES AS A SPECIAL USE AND PROHIBITING CERTAIN ADULT-USE CANNABIS USES**

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**BE IT ORDAINED** by the President and Board of Trustees of the Village of Bartlett, Cook, DuPage and Kane Counties, Illinois, as follows:

**SECTION ONE:** That Title 10 of the Bartlett Municipal Code, entitled "ZONING" is hereby amended to add the following definitions, in alphabetical order, to Section 10-2-2 entitled "DEFINITIONS":

The word "MEDICAL" shall be added before the existing definition, "CANNABIS CULTIVATION CENTER". The new entry shall read: "MEDICAL CANNABIS CULTIVATION CENTER: A facility operated by an organization or business that is registered by the Illinois Department of Agriculture to perform necessary activities to provide only registered medical cannabis grown and cultivated to be packaged and distributed to registered medical cannabis dispensing organizations with usable medical cannabis in accordance with the laws of the State of Illinois. In addition a cultivation center must be located at least two thousand five hundred feet (2,500') from any daycare center, school or area zoned for residential use."

**ADULT-USE CANNABIS CRAFT GROWER:** A facility operated by an organization or business that is licensed by the Illinois Department of Agriculture to cultivate, dry, cure and package cannabis and perform other necessary activities to make cannabis available for sale at a dispensing organization or use at a processing organization, per the Cannabis Regulation and Tax Act, (P.A.101-0027), as it may be amended from time-to-time, and regulations promulgated thereunder.

**ADULT-USE CANNABIS CULTIVATION CENTER:** A facility operated by an organization or business that is licensed by the Illinois Department of Agriculture to cultivate, process, transport and perform necessary activities to provide cannabis and cannabis-infused products to licensed cannabis business establishments, per the Cannabis regulation and Tax Act, (P.A. 101-0027), as may be amended from time to time, and regulations promulgated thereunder. An adult-use cannabis cultivation center shall not be located within two thousand five hundred feet (2,500') of the property line of a pre-existing public or private nursery school, preschool, primary or secondary school, day care center, day care home or residential care home or pre-existing property zoned or used for residential purposes. Learning centers and vocational/trade centers shall not be classified as a public or private school for purposes of this section. No more than one (1) Adult-use cannabis cultivation center shall be permitted at any given time in Blue Heron Business Park/Bluff City Industrial Park and no more than one (1) additional Adult-use cannabis cultivation

center shall be permitted at any given time in Brewster Creek Business Park. On site consumption of cannabis is expressly prohibited.

**ADULT-USE CANNABIS DISPENSING CENTER:** A facility operated by an organization or business that is licensed by the Illinois department of Financial and Professional Regulation to acquire cannabis from licensed cannabis business establishments for the purpose of selling or dispensing cannabis, cannabis-infused products, cannabis seeds, paraphernalia or related supplies to purchasers or to qualified registered medical cannabis patients and caregivers, per the Cannabis Regulation and Tax Act, (P.A. 101-0027), as it may be amended from time-to-time, and regulations promulgated thereunder. An adult-use cannabis dispensing center shall not be located within one thousand feet (1,000') of the property line of a pre-existing public or private nursery school, preschool, primary or secondary school, day care center, day care home or residential care home or pre-existing property zoned or used for residential purposes. Learning centers and vocational/trade centers shall not be classified as a public or private school for purposes of this section. No more than one (1) Adult-use cannabis dispensing center shall be permitted at any given time in Blue Heron Business Park/Bluff City Industrial Park and no more than one (1) additional Adult-use cannabis dispensing center shall be permitted at any given time in Brewster Creek Business Park. On site consumption of cannabis is expressly prohibited.

**ADULT-USE CANNABIS INFUSER ORGANIZATION OR INFUSER:** A facility operated by an organization or business that is licensed by the Illinois Department of Agriculture to directly incorporate cannabis or cannabis concentrate into a product formulation to produce a cannabis-infused product, per the Cannabis Regulation and Tax Act, (P.A.101-0027), as it may be amended from time-to-time, and regulations promulgated thereunder.

**ADULT-USE CANNABIS PROCESSING ORGANIZATION OR PROCESSOR:** A facility operated by an organization or business that is licensed by the Illinois Department of Agriculture to either extract constituent chemicals or compounds to produce cannabis concentrate or incorporate cannabis or cannabis concentrate into a product formulation to produce a cannabis product, per the Cannabis Regulation and Tax Act, (P.A.101-0027), as it may be amended from time-to-time, and regulations promulgated thereunder.

**ADULT-USE CANNABIS TRANSPORTING ORGANIZATION OR TRANSPORTER:** An organization or business that is licensed by the Illinois Department of Agriculture to transport cannabis on behalf of a cannabis business establishment or a community college licensed under the Community College Cannabis Vocational Training Pilot Program, per the Cannabis Regulation and Tax Act, (P.A.101-0027), as it may be amended from time-to-time, and regulations promulgated thereunder.

**SECTION TWO:** That Title 10 of the Bartlett Municipal Code, entitled "ZONING" is hereby amended to add the following uses to Section 10-6A-6 entitled "PROHIBITED USES":

Adult-use cannabis cultivation center

Adult-use cannabis dispensing center  
Adult-use cannabis craft grower  
Adult-use cannabis infuser organization or infuser  
Adult-use cannabis processing organization or processor  
Adult-use cannabis transportation organization or transporter  
The word "Medical" before "cannabis cultivation center"

**SECTION THREE:** That Title 10 of the Bartlett Municipal Code, entitled "ZONING" is hereby amended to add the following uses to Section 10-6B-6 entitled "PROHIBITED USES":

Adult-use cannabis cultivation center  
Adult-use cannabis dispensing center  
Adult-use cannabis craft grower  
Adult-use cannabis infuser organization or infuser  
Adult-use cannabis processing organization or processor  
Adult-use cannabis transportation organization or transporter  
The word "Medical" before "cannabis cultivation center"

**SECTION FOUR:** That Title 10 of the Bartlett Municipal Code, entitled "ZONING" is hereby amended to add the following uses to Section 10-6C-6 entitled "PROHIBITED USES":

Adult-use cannabis cultivation center  
Adult-use cannabis dispensing center  
Adult-use cannabis craft grower  
Adult-use cannabis infuser organization or infuser  
Adult-use cannabis processing organization or processor  
Adult-use cannabis transportation organization or transporter

The word "Medical" before "cannabis cultivation center"

**SECTION FIVE:** That Title 10 of the Bartlett Municipal Code, entitled "ZONING" is hereby amended to add the following uses to Section 10-6D-6 entitled "PROHIBITED USES":

Adult-use cannabis cultivation center

Adult-use cannabis dispensing center

Adult-use cannabis craft grower

Adult-use cannabis infuser organization or infuser

Adult-use cannabis processing organization or processor

Adult-use cannabis transportation organization or transporter

The word "Medical" before "cannabis cultivation center"

**SECTION SIX:** That Title 10 of the Bartlett Municipal Code, entitled "ZONING" is hereby amended to add the following uses to Section 10-7A-4 entitled "SPECIAL USES":

Adult-use cannabis cultivation center

Adult-use cannabis dispensing center

The word "Medical" before "cannabis cultivation center"

**SECTION SEVEN:** That Title 10 of the Bartlett Municipal Code, entitled "ZONING" is hereby amended to add the following uses to Section 10-7A-6 entitled "PROHIBITED USES":

Adult-use cannabis craft grower

Adult-use cannabis infuser organization or infuser

Adult-use cannabis processing organization or processor

Adult-use cannabis transportation organization or transporter

**SECTION EIGHT:** That Title 10 of the Bartlett Municipal Code, entitled “ZONING” is hereby amended to add the following uses to Section 10-7C-4 entitled “SPECIAL USES”:

Adult-use cannabis cultivation center

Adult-use cannabis dispensing center

The word “Medical” before “cannabis cultivation center”

**SECTION NINE:** That Title 10 of the Bartlett Municipal Code, entitled “ZONING” is hereby amended to add the following uses to Section 10-7C-6 entitled “PROHIBITED USES”:

Adult-use cannabis craft grower

Adult-use cannabis infuser organization or infuser

Adult-use cannabis processing organization or processor

Adult-use cannabis transportation organization or transporter

**SECTION TEN:** That Title 10 of the Bartlett Municipal Code, entitled “ZONING” is hereby amended to add the following uses to Section 10-8A-6 entitled “PROHIBITED USES”:

Adult-use cannabis cultivation center

Adult-use cannabis dispensing center

Adult-use cannabis craft grower

Adult-use cannabis infuser organization or infuser

Adult-use cannabis processing organization or processor

Adult-use cannabis transportation organization or transporter

The word “Medical” before “cannabis cultivation center”

**SECTION ELEVEN:** That Title 10 of the Bartlett Municipal Code, entitled “ZONING” is hereby amended to add the following findings of fact to Section 10-13-8 entitled “SPECIAL USES”:

4. That special use permits for Adult-use Cannabis Dispensing Centers and/or Adult-use Cannabis Cultivation Centers shall include the following additional findings of fact:

- a. The proposed facility will not negatively impact existing or future uses located within the vicinity of the subject property.
- b. The proposed Adult-use Cannabis Dispensing Center property is located a minimum of 1,000 feet from the property line of a pre-existing public or private nursery school, preschool, primary or secondary school, day care center, day care home or residential care home or pre-existing property zoned or used for residential purposes. Learning centers and vocational/trade centers shall not be classified as a public or private school for purposes of this section. The proposed Adult-use Cannabis Cultivation Center property is located a minimum of 2,500 feet from the property line of a pre-existing public or private nursery school, preschool, primary or secondary school, day care center, day care home or residential care home or pre-existing property zoned or used for residential purposes. Learning centers and vocational/trade centers shall not be classified as a public or private school for purposes of this section.
- c. The proposed structure in which the facility will be located complies with the Village of Bartlett Zoning Ordinance and Building Code.
- d. The proposed hours of operation for the proposed facility coincide with the hours established by the State of Illinois.
- e. The proposed facility has satisfied all necessary security measures as required by the State of Illinois and the Village, including but not limited to a security plan and security installations.
- f. The proposed parking for the facility satisfies the parking requirements in the Zoning Ordinance and is based on one (1) space per 200 square feet of retail floor area for an Adult-use cannabis dispensing center and one (1) space per 1,000 square feet of growing/warehousing space for an Adult-use cannabis cultivation center.
- g. The proposed traffic generated by the facility will not negatively impact the adjacent roadway capacity nor will it negatively impact access to adjacent roadways.
- h. The design and layout of the site, including internal site circulation is compatible with adjacent land uses and provides for safe, efficient movement of traffic.
- i. The proposed signage for the facility complies with the Village of Bartlett Sign Code regulations as outlined in the Zoning Ordinance.
- j. The proposed facility satisfies and complies with all requirements provided in Section 10-2-2 of this Title.
- k. Building enhancements, such as security cameras, lighting or other improvements, as set forth in the special use permit, to ensure the safety of

employees and customers of the Adult-use cannabis dispensing center or Adult-use cannabis cultivation center, as well as its environs have been satisfied. Said improvements shall be determined based on the specific characteristics of the floor plan for an Adult-use cannabis dispensing center or an Adult-use cannabis cultivation center and the site on which it is located, consistent with the requirement of the Cannabis Regulation and Tax Act, (P.A. 101-0027), as it may be amended from time-to-time, and regulations promulgated thereunder

**SECTION EIGHT: SEVERABILITY.** The various provisions of this Ordinance are to be considered as severable, and if any part or portion of this Ordinance shall be held invalid by any Court of competent jurisdiction, such decision shall not affect the validity of the remaining provisions of this Ordinance.

**SECTION NINE: REPEAL OF PRIOR ORDINANCES.** All prior Ordinances and Resolutions in conflict or inconsistent herewith are hereby expressly repealed only to the extent of such conflict or inconsistency.

**SECTION TEN: EFFECTIVE DATE.** This Ordinance shall be in full force and effect upon its passage and approval.

**ROLL CALL VOTE:**

**AYES:**

**NAYS:**

**ABSENT:**

**PASSED:**

**APPROVED:**

\_\_\_\_\_  
Kevin Wallace, Village President

ATTEST:

\_\_\_\_\_

Lorna Giles, Village Clerk

CERTIFICATION

I, Lorna Giles, do hereby certify that I am the Village Clerk of the Village of Bartlett, Cook, DuPage and Kane Counties, Illinois, and that the foregoing is a true, complete and exact copy of Ordinance 2019-\_\_\_\_\_ enacted on November 19, 2019 and approved on November 19, 2019 as the same appears from the official records of the Village of Bartlett.

\_\_\_\_\_  
Lorna Giles, Village Clerk



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**(#19-13) Adult-Use Cannabis**

**Text Amendments:**

- a) Definitions: Section 10-2-2
- b) Prohibited Uses: Commercial Districts: Sections 10-6A-6, 10-6B-6, 10-6C-6, 10-6D-6
  - Adult-use cannabis cultivation center,
  - Adult-use cannabis dispensing center,
  - Adult-use cannabis craft grower,
  - Adult-use cannabis infuser organization or infuser,
  - Adult-use cannabis processing organization or processor,
  - Adult-use cannabis transporting organization or transporter
- c) Prohibited Uses: Industrial Districts: Sections 10-7A-6, 10-7C-6
  - Adult-use cannabis craft grower,
  - Adult-use cannabis infuser organization or infuser,
  - Adult-use cannabis processing organization or processor,
  - Adult-use cannabis transporting organization or transporter
- d) Prohibited Uses: Public Land District: Section 10-8A-6
  - Adult-use cannabis cultivation center,
  - Adult-use cannabis dispensing center,
  - Adult-use cannabis craft grower,
  - Adult-use cannabis infuser organization or infuser,
  - Adult-use cannabis processing organization or processor,
  - Adult-use cannabis transporting organization or transporter
- e) Special Uses: Industrial Districts: Sections 10-7A-4 and 10-7C-4
  - Adult-use cannabis cultivation center,
  - Adult-use cannabis dispensing center
- f) Special Uses: Administration and Enforcement: 10-13-8D

**PUBLIC HEARING**

**The following Exhibits were presented:**

**Exhibit A - Notification of Publication**

**R. Hanlon** stated that last summer, Governor Pritzker signed into law House Bill 1438 *Cannabis Regulation and Tax Act*. The purpose of this law is to legalize, beginning January 1, 2020, the consumption of cannabis by anyone over the age of 21. This law provides for the expansion of cannabis dispensing, growing, and processing beyond what is currently legal now with medical cannabis. The law recognizes the need for municipalities to regulate the time, place, and manner of these new business enterprises. This summer, we brought the Village Board the idea of addressing the adult use cannabis businesses and how we would address those in the zoning ordinance. The Village Board Committee discussed it and continued their conversation to the fall at the meeting of September 17. The Board Committee directed staff to prepare a text amendment that basically treats the adult use cannabis business the same as how the Zoning Ordinance regulates medical dispensaries and cultivation centers. The state law also licenses some



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additional businesses that are not related to medical and they are allowing: craft growers of cannabis, the transportation of cannabis, infuser operations and processing. The text amendment addresses all of those businesses. We define all of the businesses that the state law addresses. Most of them are prohibited Village wide. The only 2 uses that the Village Board Committee decided were appropriate were the dispensaries and cultivation operations. The text amendment allows for those businesses by Special Use in the I-1 and I-2 EDA Zoning Districts with the same distancing requirements as medical marijuana facilities currently. The text amendment goes further in that it limits the total number of these businesses within the Village. There is a limitation of 2 adult use cannabis dispensing locations and 2 adult use cannabis cultivation operations. Further, they are limited to 1 in the Blue Heron/Brewster Creek Industrial Park and 1 in the Brewster Creek Industrial Park. This text amendment has several sections that need to be amended in order to set forth these regulations.

**R. Hanlon** stated that she would be happy to answer any questions. **J. Banno** asks why are we not allowing craft growers and infusers. If we are going to allow it for dispensing and cultivation, why prohibit the others? **R. Hanlon** states that the Village Board Committee determined that the potential negative effects of regulating those businesses was not necessarily off-set with the tax increases or special taxes that can be levied with the dispensing. **J. Banno** stated we should allow or not allow. **C. Deveaux** asks, is that what we are determining today or is the Village Board determining this. **R. Hanlon** Village Board Committee provided the broad policy direction and in order for that policy to be enacted there has to be an amendment to the zoning ordinance. The zoning ordinance will be the document that regulates the businesses. The ZBA has the authority to hold the Public Hearing for any text amendments to the zoning ordinance. The Village Board does not see any value in allowing small growers. Hobbyists will not be allowed. Zoning currently allows for medical cultivators and medical dispensaries by Special Use in the I-1 and I-2 EDA zoning districts with the same distancing requirements that we are proposing here. The map shows the only places (Blue Heron/Brewster Creek) are currently allowed for such uses. You could apply for a Special Use for a medical cultivation center. Those would be the same places where you would be allowed to apply for Special Use for adult use cannabis. The only difference is there is a further limitation. There will only be 1 maximum dispensary, 1 maximum cultivation operation in Brewster Creek in Blue Heron/Brewster Creek. **B. Bucaro** questions, are there any restrictions placed on new businesses coming in i.e. daycare center. **R. Hanlon** we would not require them to shut down if a daycare facility positioned themselves across the street. **R. Grill** there is vacant land in the Brewster Creek Industrial Park area and we have had inquires for dispensaries there. **M. Sarwas** stated that she feels dispensaries will be the biggest draw as they are able to sell all of the different products. **G. Koziol** stated that we are allowing it, but we are saying where it can happen and at what numbers it can happen. That is reasonable. **M. Werden** discusses how much control the State is holding for itself and reserving a lot of power for themselves. We have limited control. **R. Hanlon** stated that the State will be doing all of the licensing, requiring security measures, inventory control, and inspections. The State Law specifically gives municipalities the right to further regulate these businesses and even gave municipalities the right to opt out completely to say that none of the adult use cannabis operations would be allowed in the municipality. **M. Werden** stated that home rule towns like Bartlett would be allowed to raise a special tax, right. **R. Hanlon** stated that yes that is correct. There is an occupation tax on any sale of cannabis in the municipality up to 3%.



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**B. Bucaro** asks if a company could put in a dispensary for both medical and adult cannabis dispensing. Would that be considered 1 facility or 2 in this ordinance? **R. Hanlon** We do not limit the number of medical dispensaries. It would count as the 1 dispensary for adult use. **B. Bucaro** agrees with G. Koziol that this gives the Village control over it rather than just opting out, quite stringent control. His first thought was that we have a pretty conservative Board and believed there was no way that the current Village Board was going to allow this in any fashion. He thinks there will be issues if there are dispensing facilities in Streamwood or South Elgin and even we do not have one for our residents they are still going to get it and they are still going to use it, so why not control what is going on at least from dispensing and get some tax revenue and add whatever police enforcement we need. Also, he stated that in his opinion this is not going to be a money maker and not bring in tax revenue if it is in the business park. **M. Werden** added Villa Park and Glendale Heights are allowing it all over. **J. Banno** thinks it is too restrictive and we should either say no or allow it. He asks, who will really go into an industrial area to buy this? These places need to be on a major thoroughfare. We should either go in all the way or stay out of it. **C. Deveaux** stated that we need to make a statement up front that these are the places you cannot open a facility and control the number of them or we run the risk of having them everywhere. He stated that he does not think that is what the residents want. That is a way of saying yes, but in a very controlled fashion. **G. Papa** asked since this is still illegal federally, will this prohibit federally funded grants that Bartlett is receiving right now by passing this. **R. Hanlon** says, she does not think that will be an issue. **C. Deveaux** asks, will this go forward for vote to the Board as is. **R. Grill** says, it can be changed, it is up to this commission. **G. Papa** stated that he thinks the prohibited use language is good. **M. Sarwas** agrees, we should put controls in at least at the onset from a public safety perspective. **M. Werden** stated that if these areas become growing areas in some ways it is going to preserve open space as opposed to have having everything build up. **R. Hanlon** stated that all cultivation must be in an enclosed building for security purposes.

**M. Werden** stated that they are looking to us to set the ground work and for the most part, when we make a recommendation for them to overrule it, it takes a supermajority. He asks if there are specifics to add or delete. **J. Banno** stated that he would like remove prohibitions in the 2 allowed areas (I-1 and I-2 EDA) and allow all 5 operations in those 2 allowed areas. **R. Hanlon** asks, as Special Uses similar to the dispensary and the cultivation. **J. Banno** states that in addition, he would allow the craft growers, transportation and cannabis infusers by Special Use, sections 10-7A-6, 10-7C-6. A motion was made by J. Banno to move the Prohibited Uses in Section 10-7A-6, 10-7C-6 to Special Uses only in the Industrial Districts I-1 and I-2 EDA. **R. Hanlon** stated there are distancing requirements for those prohibited uses including schools and daycare centers. **J. Banno** stated that for the time being, he would keep them the same. **B. Bucaro** asks, what was the Board's objection to the craft growers and transportation. **R. Hanlon** stated that she thinks they did not discuss that. The policy idea is that this has to be addressed in a conservative way. We can always go back and allow more in the future. The approach is to be as conservative as possible. There are a lot of unknowns with the other types of businesses. **R. Grill** stated that she thinks the Board was looking to mirror what is currently in our code, which is medical dispensaries and medical cultivation use. **B. Bucaro** asks, does the state give guidance for craft growers or transportation. **R. Hanlon** stated that all of those businesses have to be licensed with the state and there are a lot of security requirements. The biggest concerns are burglary and illegal sales. **M. Werden** asks, how practical



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would it be to have a sunset clause where it would come up for review in 2 years. **R. Grill** stated that might be difficult even though the law goes into effect January 1, 2020, the Village of Bartlett is not in the first round because we currently do not have medical cannabis uses. Communities that have those currently are part of the first 55 licenses that get issued. It could be some time before we have the opportunity to open one. Two years might be too short.

**J. Banno** made a motion to move the prohibited use of cannabis from prohibited uses to Special Uses so that they are allowed only in the I-1 and I-2 EDA districts within the added distance restriction of 1,000 feet. **G. Papa** asks if the changes from prohibited to special are consistent with the state statute that will be implemented in January. **R. Grill** stated that this is our local municipal ordinance.

**R. Grill** asks if we have a second to the motion? **G. Koziol** asks for it to be restated carefully. **R. Grill** asks again if there is a second to the motion. **B. Bucaro** states this is getting complex. He would go for it as written so we have something on the books as of January 1. This does not mean we cannot change once we learn more and once we see what the demands are, do we have business asking about a transportation operation. We can always amend if something warrants us doing something rather than jumping in with both feet now. **R. Grill** states that she thinks the motion on the table died and asks if there is a new motion. **G. Papa** makes a new motion to pass item case (#19-13) **Adult Use Cannabis** with the current language as proposed by staff. **C. Deveaux** seconds the motion.

**Motioned by: G. Papa**

**Seconded by: C. Deveaux**

**M. Werden** closed the Public Hearing portion of the meeting.

Roll Call

**Ayes: G. Papa, B. Bucaro, M. Werden, G. Koziol, M. Sarwas and C. Deveaux**

**Nays: J. Banno**

**The motion carried.**



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**Old Business/ New Business**

**R. Grill** stated that there will be a meeting next month for a fence height text amendment. Also, the holiday party will be on Friday, December 13 at Bartlett Hills. Lastly and sadly, tonight is Diane's last meeting. She is moving to the Police Department. We are sad to see her leave, but we are happy for her.

**B. Bucaro** asked about the status of Bucky's. **R. Grill** informed him that it is not going through. Bucky's has withdrawn their application for that location.

**M. Werden** asked if there was a motion to adjourn.

**Motioned by: M. Sarwas**

**Seconded by: G. Koziol**

**Motion passed by unanimous voice vote.**

**The meeting was adjourned at 8:32 P.M.**



# Agenda Item Executive Summary

Item Name Downtown Overlay District - Form Based Code Committee or Board Village Board

## BUDGET IMPACT

Amount:	N/A	Budgeted	N/A
List what fund	N/A		

## EXECUTIVE SUMMARY

Attached is the proposed Text Amendment to the Zoning Ordinance and the proposed Map Amendment to the Official Zoning Map for the proposed Downtown Overlay District (Form Based Code).

The draft document for the Downtown Overlay District was a result of a grant received by the Village from the RTA, their consultant Leslie Oberholtzer of Codametrics and a 12- member Steering Committee consisting of residents of the Village, the RTA, key area stakeholders, an elected official and Village Staff.

The **Zoning Board of Appeals** reviewed the Draft Document for the Downtown Overlay District along with the proposed Map Amendment and conducted the public hearing at their meeting on October 3, 2019. The **Zoning Board of Appeals** recommended **approval** of both items.

The **Committee of the Whole** reviewed the Draft Document at their meeting on November 5, 2019. The Committee forwarded the proposed text amendment, document and map amendment to the Village Board for a final vote.

## ATTACHMENTS (PLEASE LIST)

Memo, Ordinance for the proposed Text and Map Amendments, Downtown Overlay Document, Overlay Map

## ACTION REQUESTED

- For Discussion
- Resolution
- Ordinance - Move to approve Ordinance#2019- \_\_\_\_\_ **AN ORDINANCE AMENDING THE BARTLETT MUNICIPAL CODE TITLE 1 ADMINISTRATIVE AND TITLE 10 ZONING TO ADD PROVISIONS FOR THE DOWNTOWN OVERLAY DISTRICT AND AMENDING THE VILLAGE OF BARTLETT OFFICIAL ZONING MAP**
- Motion

Staff: Roberta Grill, Planning & Dev Services Director Date: November 11, 2019

**PLANNING & DEVELOPMENT SERVICES MEMORANDUM**  
**19-180**

DATE: November 11, 2019

TO: Paula Schumacher, Village Administrator

FROM: Roberta Grill, Planning & Dev Services Director *RBG*

RE: **(#19-02) Downtown Overlay Text Amendment**

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The attached draft document for the Downtown Overlay District was a result of a grant received by the Village from the RTA, their consultant Leslie Oberholtzer of Codametrics and a 12-member Steering Committee consisting of residents of the Village, the RTA, key area stakeholders, an elected official and Village Staff.

The following are the proposed Amendments to the Municipal Code:

Amend Title 10: **Zoning**

Chapter 4: Establishment of Zoning Districts

10-4-1: Districts Established

10-4-1:C. Special Districts

P-1 Public Land

W-B West Bartlett Road Corridor Overlay

PD Planned Development

**DT-O Downtown Overlay**

10-4-2: Zoning Districts Described

10-4-2:C. Special Districts

**10-4-2:C.4 Downtown Overlay**

**DT-O Downtown Overlay District:** The DT-O Downtown Overlay district is intended to implement the vision of the Village of Bartlett Downtown TOD Plan, including but not limited to maintaining the scale and character of the village and specifically the downtown, with the goal of incorporating new walkable, connected, mixed-use development that establishes a sense of place in the downtown area.

Chapter 9 Planned Unit Developments

Article A: PD Planned Development District

Article B: Reserved

**Article C: Downtown Overlay District**

10-9C-1: Establishment of Overlay and Subareas

10-9C-1:A. Intent

10-9C-1:B. Purpose

10-9C-1:C. Subareas

10-9C-1:D. Regulating Map

10-9C-1:E. Illustrative Images

- 10-9C-2. Administration and Exceptions
  - 10-9C-2:A. Pre-submittal Conference
  - 10-9C-2:B. Planned Unit Development
  - 10-9C-2:C. Minor Design Exceptions
  - 10-9C-2:D. Major Design Exceptions

- 10-9C-3. Building Regulations
  - 10-9C-3.A. General
  - 10-9C-3.B. Building Regulations by Subarea
  - 10-9C-3.C. Building and Parking Siting
  - 10-9C-3.D. Height
  - 10-9C-3.E. Use
  - 10-9C-3.F. Façade Requirements
  - 10-9C-3.G. Cap Types

- 10-9C-4. Building Façade Design
  - 10-9C-4.A. Intent
  - 10-9C-4.B. Exceptions
  - 10-9C-4.C. Major Façade Materials
  - 10-9C-4.D. Minor Façade Materials
  - 10-9C-4.E. Pitched Roof Materials
  - 10-9C-4.F. Materials Installation and Quality
  - 10-9C-4.G. Windows
  - 10-9C-4.H. Shutters
  - 10-9C-4.I. Awnings, Canopies, and Light Shelves
  - 10-9C-4.J. Balconies
  - 10-9C-4.K. Principal Entryway
  - 10-9C-4.L. Building Articulation
  - 10-9C-4.M. Arcade Design
  - 10-9C-4.N. Vistas
  - 10-9C-4.O. Garage Doors
  - 10-9C-4.P. Mechanical Equipment and Appurtenances
  - 10-9C-4.Q. Parking Structures
  - 10-9C-4.R. Drive-Through Facilities

- 10-9C-5. General Site Design
  - 10-9C-5.A. Signs
  - 10-9C-5.B. Landscape
  - 10-9C-5.C. Streetscape
  - 10-9C-5.D. Parking

- 10-9C-6. Master Plan Sites
  - 10-9C-6.A. Intent
  - 10-9C-6.B. Approval Process
  - 10-9C-6.C. Subdivision
  - 10-9C-6.D. Blocks

10-9C-6.E. Streets

10-9C-6.F. Alleys, Lanes or Service Drives

10-9C-6.G. Primary Street Design

10-9C-6.H. Civic Space

10-9C-6.I. Layout and Location of Building Sites

10-9C-7. Definitions and Measuring

10-9C-7.A. General Definitions

10-9C-7.B. Measuring

## Chapter 13: Administration and Enforcement

10-13-4-1: Major Design Exceptions

- A. Authority: The Zoning Board of Appeals shall hear and consider major design exceptions as part of a Site Plan or Administrative Site Plan review as determined by the Zoning Administrator and shall make a recommendation to the Village Board. Major design exceptions shall be authorized or denied by the Village Board by ordinance in accordance with the procedural provisions of this Title and the Downtown Overlay. No application for a major design exception shall be acted on by the Village Board until after a public hearing held before the Zoning Board of Appeals, and the findings and recommendations of the Zoning Board of Appeals have been reported to the Village Board.
- B. Initiation: An application for a major design exception may be made by any person, firm or corporation, or by any office, department, board, bureau or commission requesting or intending to request application for a Site Plan or Administrative Site Plan.
- C. Processing: An application for any major design exception shall accompany the associated Site Plan or Administrative Site Plan review application along with the associated fees and shall be filed with the Zoning Administrator. The application shall define the requested exception, reference the applicable code section, and provide supporting material for review by the staff. The Zoning Administrator shall forward such application to the Zoning Board of Appeals for processing in accordance with applicable statutes of the State of Illinois and the provisions of this Title.

The Zoning Board of Appeals shall make its recommendation after a public hearing, of which there shall be a notice indicating the time and place of such hearing published at least once, not more than thirty (30) nor less than fifteen (15) days before the hearing, in one or more newspapers published in the Village, or, if no newspaper is published in the Village, then in a newspaper of general circulation within the Village. In addition, at least fifteen (15) days prior to the date of the public hearing, the petitioner shall cause to be posted on the real estate which is the subject of such major exception the following notice:

*Public Notice: Public Hearing for a major design exception from the Bartlett Zoning Ordinance and the Downtown Overlay for this site (insert date and*

*time), Bartlett Municipal Building, 228 South Main Street.*

*The Zoning Board of Appeals.*

The procedure for posting the notice hereinbefore required shall be governed by Section 10-13-10 hereinafter set forth.

- D. Authorized Major Design Exceptions: Major design exceptions may include exceptions as outlined in Section 10-9C-2:D.5 hereinafter set forth.
- E. Conditions and Standards for Major Design Exceptions: The Zoning Board of Appeals shall hold the public hearing and forward its recommendations and findings of fact in the form of a written report to the Village Board within a reasonable time, usually within thirty (30) days following the date of public hearing on each application, unless it is withdrawn by the petitioner. Such findings of fact as to the conditions and standards for major design exceptions shall include all of the following:
  - 1. The exception fulfills the intent defined for this Article 10-9C of the zoning regulations. Refer to Section 10-9C-1.A.
  - 2. The resulting development is consistent or compatible with the surrounding context or the vision defined in the village's comprehensive plan, the downtown TOD master plan, and or other planning documents approved by the village.
  - 3. The requested exception results in a development of equal or higher quality and durability of design.
  - 4. The resulting development would not impede adjacent development from complying with the overlay district regulations.
  - 5. The requested exception results from conditions that are unique to the subject development and would not establish a precedent that would prevent the board from reasonably denying a similar exception for similarly situated properties.
- F. Decisions: The Village Board, upon receipt of the report and recommendation of the Zoning Board of Appeals, and without further public hearing, may grant by ordinance or deny any proposed major design exception in accordance with this title and the Downtown Overlay, or may refer it back to the body holding the Zoning Board of Appeals for further consideration.

#### 10-13-10: Notices of Public Hearing

Each applicant for zoning amendments, variations, **major design exceptions**, or special uses shall provide notice of the public hearing as follows and present proof of such notice at the public hearing.

Minor Design Exception: \$150.00 + consultant fees  
Major Design Exception: \$ 300.00 + consultant fees

In addition, the corresponding **Zoning Map Amendment**, contained on page 4 of the Draft Document, would be incorporated on the 2020 Zoning Map as part of the statutory annual update.

### **RECOMMENDATIONS**

1. The Staff recommends **approval** of the proposed amendments to the Municipal Code and the Zoning Map.
2. The Zoning Board of Appeals reviewed the Draft Document for the Downtown Overlay District along with the proposed Map Amendment and conducted the public hearing at their meeting on October 3, 2019. **The Zoning Board recommended approval** of both items.
3. The Committee of the Whole reviewed the Draft Document and proposed text amendment language along with the proposed map amendment at their meeting on November 5, 2019. The Committee forwarded the items on to the Village Board for a final vote.
4. A draft Ordinance along with the proposed Map Amendment is attached for your review.

ORDINANCE 2019 - \_\_\_\_\_

**AN ORDINANCE AMENDING THE BARTLETT MUNICIPAL CODE  
TITLE 1 ADMINISTRATIVE AND TITLE 10 ZONING  
TO ADD PROVISIONS FOR THE DOWNTOWN OVERLAY DISTRICT AND  
AMENDING THE VILLAGE OF BARTLETT OFFICIAL ZONING MAP**

---

**BE IT ORDAINED** by the President and Board of Trustees of the Village of Bartlett, Cook, DuPage and Kane Counties, Illinois, as follows:

**SECTION ONE:** That Title 1 of the Bartlett Municipal Code, entitled "ADMINISTRATIVE" is hereby amended to add new development fees to Chapter 10: Village Finances, Section 8: Development Fees as follows:

Minor Design Exception: \$150.00 + consultant fees  
Major Design Exception: \$ 300.00 + consultant fees

**SECTION TWO:** That Title 10 of the Bartlett Municipal Code, entitled "ZONING" is hereby amended to add a new zoning district to Chapter 4, Section 1:C Special Districts as follows:

DT-O Downtown Overlay

**SECTION THREE:** That Title 10 of the Bartlett Municipal Code, entitled "ZONING" is also hereby amended to add a new Section 10-4-2:C.4 and new zoning description as follows:

10-4-2:C.4 Downtown Overlay

DT-O – Downtown Overlay District: The DT-O Downtown Overlay district is intended to implement the vision of the Village of Bartlett Downtown TOD Plan, including but not limited to maintaining the scale and character of the village and specifically the downtown, with the goal of incorporating new walkable, connected, mixed-use development that establishes a sense of place in the downtown area.

**SECTION FOUR:** That Title 10, is amended by adding the following new Articles to Chapter 9 Planned Unit Developments as follows:

Article B: Reserved

Article C: Downtown Overlay District ([Link to Document](#)). A certified copy of such document is available for inspection at the Planning and Development Services Department.

**SECTION FIVE:** That Title 10, is further amended by adding the following new Section to Chapter 13 Administration and Enforcement as follows:

10-13-4-1: Major Design Exceptions

- A. Authority: The Zoning Board of Appeals shall hear and consider major design exceptions as part of a Site Plan or Administrative Site Plan review as determined by the Zoning Administrator and shall make a recommendation to the Village Board. Major design exceptions shall be authorized or denied by the Village Board by ordinance in accordance with the procedural provisions of this Title and the Downtown Overlay. No application for a major design exception shall be acted on by the Village Board until after a public hearing held before the Zoning Board of Appeals, and the findings and recommendations of the Zoning Board of Appeals have been reported to the Village Board.
- B. Initiation: An application for a major design exception may be made by any person, firm or corporation, or by any office, department, board, bureau or commission requesting or intending to request application for a Site Plan or Administrative Site Plan.
- C. Processing: An application for any major design exception shall accompany the associated Site Plan or Administrative Site Plan review application along with the associated fees and shall be filed with the Zoning Administrator. The application shall define the requested exception, reference the applicable code section, and provide supporting material for review by the staff. The Zoning Administrator shall forward such application to the Zoning Board of Appeals for processing in accordance with applicable statutes of the State of Illinois and the provisions of this Title.

The Zoning Board of Appeals shall make its recommendation after a public hearing, of which there shall be a notice indicating the time and place of such hearing published at least once, not more than thirty (30) nor less than fifteen (15) days before the hearing, in one or more newspapers published in the Village, or, if no newspaper is published in the Village, then in a newspaper of general circulation within the Village. In addition, at least fifteen (15) days prior to the date of the public hearing, the petitioner shall cause to be posted on the real estate which is the subject of such major exception the following notice:

*Public Notice: Public Hearing for major design exception from the Bartlett Zoning Ordinance and the Downtown Overlay for this site (insert date and time), Bartlett Municipal building, 228 South Main Street.*

*The Zoning Board of Appeals.*

The procedure for posting the notice hereinbefore required shall be governed by Section 10-13-10 hereinafter set forth.

- D. Authorized Major Design Exceptions: Major design exceptions may include exceptions as outlined in Section 10-9C-2:D.5 hereinafter set forth.
- E. Conditions and Standards for Major Design Exceptions: The Zoning Board of Appeals shall hold the public hearing and forward its recommendations and findings of fact in the form of a written report to the Village Board within a reasonable time, usually within thirty (30) days following the date of public hearing on each application, unless it is withdrawn by the petitioner. Such findings of fact as to the conditions and standards for major design exceptions shall include all of the following:
  - 1. The exception fulfills the intent defined for this Article 10-9C of the zoning regulations. Refer to Section 10-9C-1.A.
  - 2. The resulting development is consistent or compatible with the surrounding context or the vision defined in the village's comprehensive plan, the downtown TOD master plan, and or other planning documents approved by the village.
  - 3. The requested exception results in a development of equal or higher quality and durability of design.
  - 4. The resulting development would not impede adjacent development from complying with the overlay district regulations.
  - 5. The requested exception results from conditions that are unique to the subject development and would not establish a precedent that would prevent the board from reasonably denying a similar exception for similarly situated properties.
- F. Decisions: The Village Board, upon receipt of the report and recommendation of the Zoning Board of Appeals, and without further public hearing, may grant by ordinance or deny any proposed major design exception in accordance with this title and the Downtown Overlay, or may refer it back to the body holding the Zoning Board of Appeals for further consideration.

**SECTION SIX:** That Section 10-13-10: Notices of Public Hearing is amended as follows:

10-13-10: Notices of Public Hearing

Each applicant for zoning amendments, variations, major design exceptions, or special uses shall provide notice of the public hearing as follows and present proof of such notice at the public hearing.

**SECTION SEVEN:** That the Village of Bartlett Official Zoning Map shall be amended to incorporate the limits of the Downtown Overlay District.

**SECTION EIGHT: SEVERABILITY.** The various provisions of this Ordinance are to be considered as severable, and if any part or portion of this Ordinance shall be held invalid by any Court of competent jurisdiction, such decision shall not affect the validity of the remaining provisions of this Ordinance.

**SECTION NINE: REPEAL OF PRIOR ORDINANCES.** All prior Ordinances and Resolutions in conflict or inconsistent herewith are hereby expressly repealed only to the extent of such conflict or inconsistency.

**SECTION TEN: EFFECTIVE DATE.** This Ordinance shall be in full force and effect upon its passage and approval.

**ROLL CALL VOTE:**

**AYES:**

**NAYS:**

**ABSENT:**

**PASSED:**

**APPROVED:**

\_\_\_\_\_  
Kevin Wallace, Village President

**ATTEST:**

\_\_\_\_\_  
Lorna Giles, Village Clerk

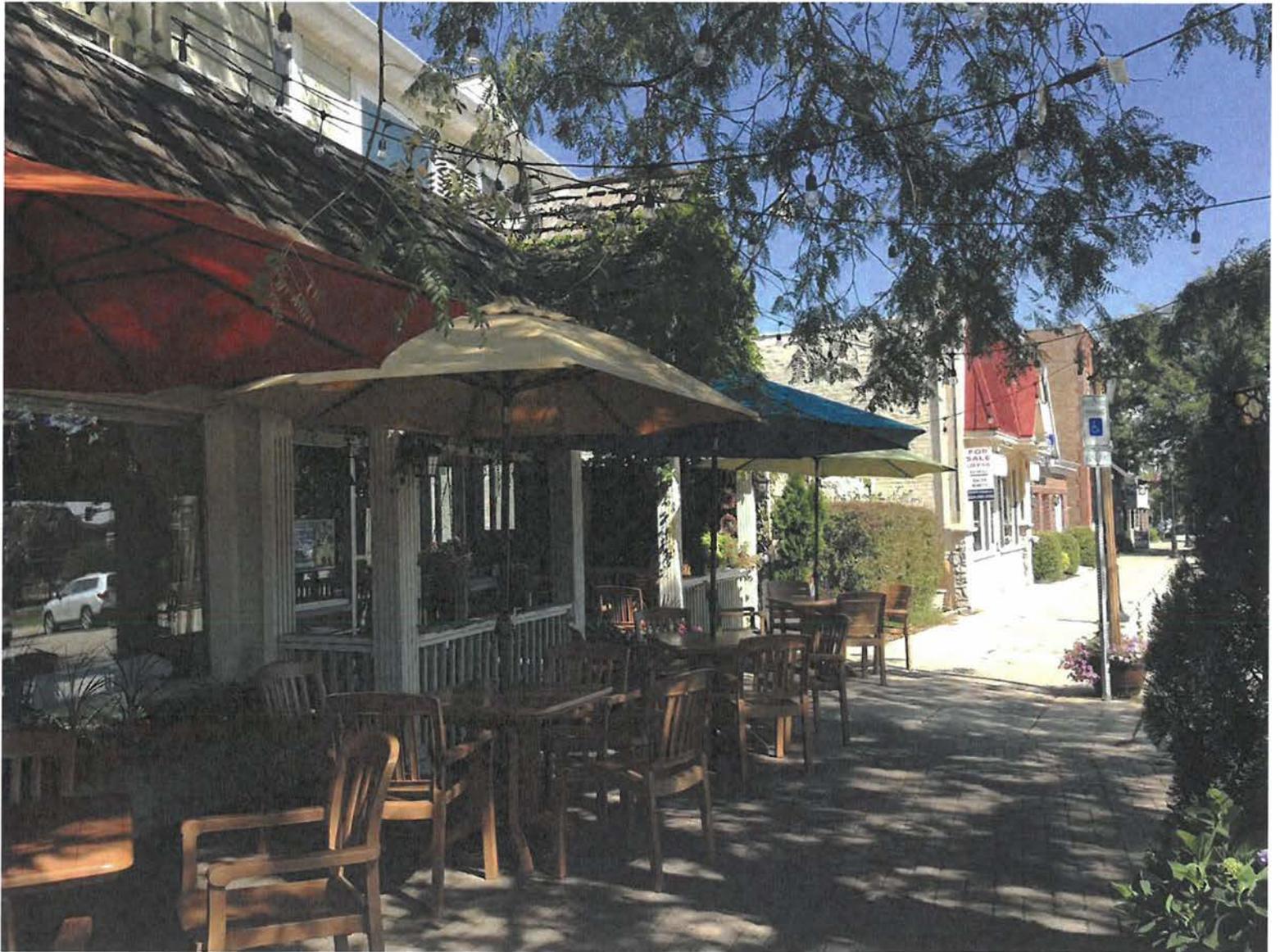
## CERTIFICATION

I, Lorna Giles, do hereby certify that I am the Village Clerk of the Village of Bartlett, Cook, DuPage and Kane Counties, Illinois, and that the foregoing is a true, complete and exact copy of Ordinance 2019-\_\_\_\_\_ enacted on November 19, 2019 and approved on November 19, 2019 as the same appears from the official records of the Village of Bartlett.

---

Lorna Giles, Village Clerk

**VILLAGE OF BARTLETT:**  
**DOWNTOWN ZONING**  
**OVERLAY**  
ADOPTION HEARING DRAFT



**DRAFT** NOVEMBER 7, 2019

# Village of Bartlett

**FUNDED BY**

The Regional Transportation Authority (RTA)

**Village Board of Trustees**

- Village President Kevin Wallace
- Village Clerk Lorna Gilles
- Trustee Michael E. Camerer D.C.
- Trustee Vince Carbonaro
- Trustee Raymond H. Deyne
- Trustee Kristina Gabrenya , OD, FAAO
- Trustee Adam J. Hopkins
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**Village Administrator**

Paula Schumacher

**Steering Committee**

- Raymond H. Deyne, Village Trustee
- Roberta Grill, Planning & Development Services Director, Zoning Administrator
- Tony Fradin, Economic Development Coordinator
- Scott Skrycki, Assistant Village Administrator
- Renee Hanlon, Senior Planner
- Kristy Stone, Village Planner
- Robin Ackerman
- Mark Hopkins
- George Koziol
- Jay Krypton
- Joe LaPorte
- Beth Raffety

**CODAMETRICS**

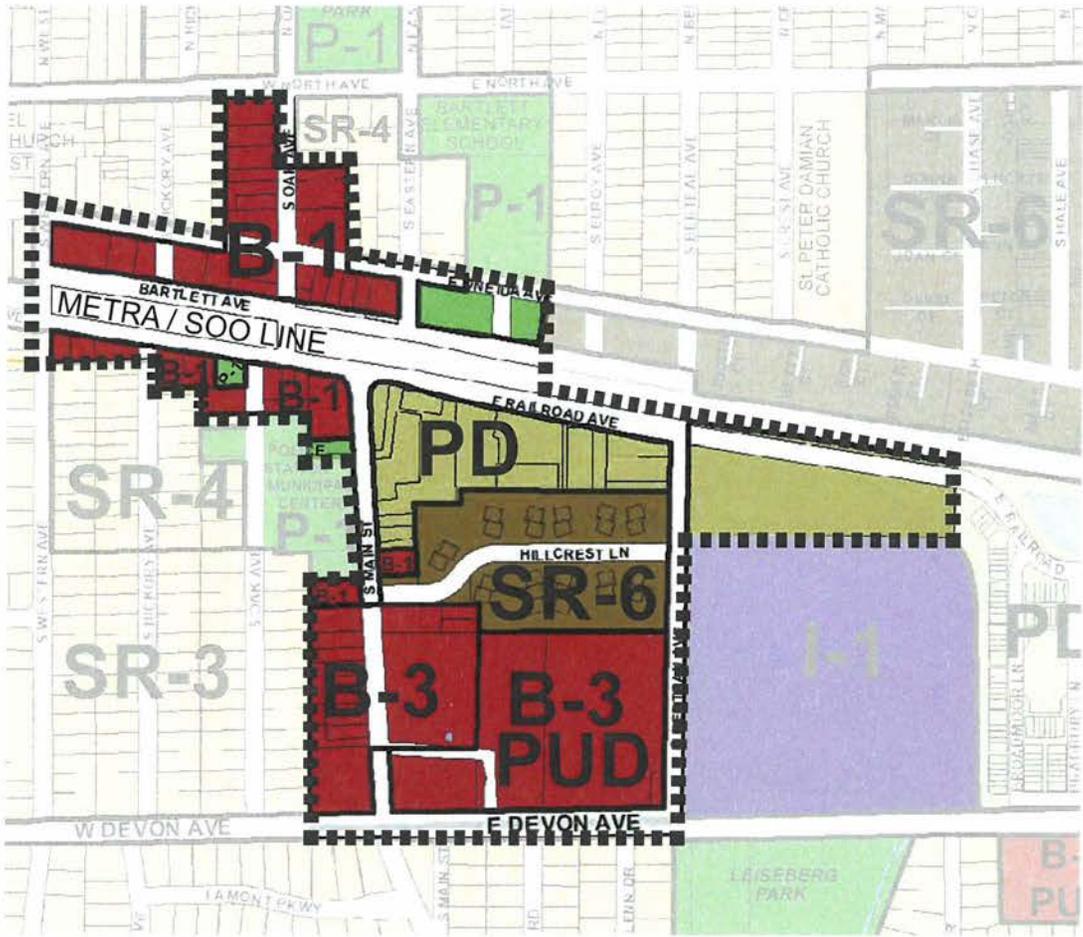
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**KEY**

Base Zoning Districts provided here for information only. Refer to the village zoning map for districts:

- B ZONING DISTRICT
- SR-6 ZONING DISTRICT
- P-1 ZONING DISTRICT
- PD: PLANNED DEVELOPMENT
- LIMITS OF DOWNTOWN OVERLAY



Limits of Downtown Overlay with Existing Zoning. Overlay limits will be applied to zoning map and will not be included in the overlay article.

**CHAPTER 9, ARTICLE C****10-9C-1. ESTABLISHMENT OF OVERLAY AND SUBAREAS**

The following applies to the areas designated on the Village zoning map as within the downtown overlay.

**A. INTENT**

The downtown overlay is intended to implement the vision of the Village of Bartlett Downtown TOD Plan, including but not limited to maintaining the scale and character of the village and specifically the downtown, with the goal of incorporating new walkable, connected, mixed-use development that establishes a sense of place in the downtown area.

**B. PURPOSE**

This overlay is established to define the building form and design standards within the downtown area in conjunction with the underlying zoning districts.

1. The underlying zoning districts establish the use regulations.
2. The downtown overlay establishes the building form, design, and other site development standards.

**C. SUBAREAS**

The following subareas are established for use with the downtown overlay regulations:

1. **Subarea 1: Downtown Core.** The downtown core for the village is intended to continue the character of the traditional buildings along Bartlett Avenue north of the railroad tracks and the character of the new development on Main Street just south of the station, prioritizing walkability and a mix of uses.
2. **Subarea 2: Downtown Edge.** The downtown edge for the village is intended to transition between the core and the residential neighborhoods adjacent to downtown, reflecting many characteristics of residential houses, such as pitched roofs and landscape yards, yet allowing for redevelopment at an appropriate scale.
3. **Subarea 3: Downtown Residential.** The downtown residential subarea is intended to allow a mix of residential buildings, including small apartment buildings, larger residential buildings, and townhouses.
4. **Subarea 4: Commercial Corridor.** The commercial corridor subarea is located adjacent to Devon Avenue and is intended to allow for a mix of commercial, mixed-use, with residential or office

buildings with both easy pedestrian and vehicular access.

**D. REGULATING MAP**

Refer to the regulating map in Figure 1.

1. **Subarea Boundaries.** The regulating map defines the boundaries of the overlay subareas.
2. **Master Plan Area.** The master plan area addresses the development of larger parcels with regulations associated with block size, new streets (public or private), and small civic spaces.
3. **Primary Streets Designations.** Primary streets are identified on the regulating maps. The front lot line and primary frontages are determined by the primary street designation. Some building regulations are specific to these frontages. For example, these designations prioritize the street frontages for locating the front facade of the building and limit vehicular access to parking off these streets.
  - a. **Non-Primary Streets.** All streets not designated as primary streets on the regulating map are non-primary, unless otherwise stated.
  - b. **Master Plan Site Primary Streets.** For areas designated on the regulating map for a master plan, refer to Sec.10-9C-6 for regulations for designating new primary streets in these developments.
  - c. **Two Primary Streets.** When multiple primary streets abut a parcel, the Zoning Administrator shall determine which frontages shall serve as the primary, unless otherwise specified. A minimum of 50 percent of lot frontage is required to be treated as primary frontage.
  - d. **Civic Space.** Frontages on civic open space shown on the regulating map or provided on a master plan site, or otherwise determined by the Zoning Administrator shall be treated as primary frontages.
  - e. **Other Public Ways.** Frontages on other public ways, such as pedestrianways or bicycle ways, may be treated as primary frontages, as determined by the Zoning Administrator.



Figure 1. Regulating Map

# 10-9C-1. Establishment of Overlay and Subareas Illustrative images

## E. ILLUSTRATIVE IMAGES

The following images provide conceptual illustrations of the types of buildings generally intended for each subarea. All potential building designs are not illustrated. Further, some aspects of these images may not be in compliance with the code.



**SUBAREA 1: ILLUSTRATIVE BUILDINGS**



**SUBAREA 2: ILLUSTRATIVE BUILDINGS**

**SUBAREA 3: ILLUSTRATIVE BUILDINGS**



**SUBAREA 4: ILLUSTRATIVE BUILDINGS**

**10-9C-2. ADMINISTRATION AND EXCEPTIONS**

Refer to Chapter 13 for Administration and enforcement. The following additional regulations apply.

**A. PRE-SUBMITTAL CONFERENCE**

A conference is required with the Zoning Administrator for any development or redevelopment within the downtown overlay. The Zoning Administrator may require additional applicable staff in attendance.

**B. PLANNED UNIT DEVELOPMENT**

The planned unit development district is not permitted for new development within the downtown overlay. Existing approved planned unit developments and planned developments will continue to be enforced, unless the owner submits a new application.

**C. MINOR DESIGN EXCEPTIONS**

A set of minor design exceptions from the regulations are defined and may be requested for approval by the Zoning Administrator during the administrative site plan review process.

1. **Application.** An application for any minor design exceptions shall accompany the associated administrative site plan application. A fee may apply per Sec. 10-13-11. The application shall define the requested exception, reference the applicable code section, and provide supporting material for approval.
2. **Conditions.** Exceptions, outlined below, are permitted under the following conditions:
  - f. The exception fulfills the intent defined for this article. Refer to Sec. 10-9C-1.A.
  - g. The resulting form is consistent or compatible with the surrounding context and the vision defined in the comprehensive plan, downtown TOD plan, and other planning documents approved by the village.
3. **Permitted Minor Design Exceptions.** The following are permitted minor design exceptions, if the above conditions are met.
  - h. The location of the building within up to 3 feet from any minimum yard requirement or build-to-district width/location.
  - i. Up to 10 percent decrease in front lot line coverage.
  - j. Additional height of any story up to 2 feet, as long as the overall building height does not

exceed the allowable height of all floors at their maximum permitted height.

- k. Up to 10 percent decrease in transparency or a 10 percent increase in blank wall limitation for corner side facades.
- l. A reduction of up to 5 percent in major material.
- m. Additional minor design exceptions are noted throughout this Article 10-9C.

#### **D. MAJOR DESIGN EXCEPTIONS**

Major design exception to any of the overlay regulations may be approved through the Site Plan Review process as follows:

1. **Application.** An application for any major design exceptions shall accompany the associated Site Plan Review application. A fee may apply per Sec. 10-13-11. The application shall define the requested exception, reference the applicable code section, and provide supporting material for approval.
2. **Determination of Review Process.** The Zoning Administrator shall determine what portion, if any, of the application may be reviewed with an Administrative Site Plan review and what portion requires Site Plan Review.
3. **Approval.** Approval of the major design exception must be obtained by:
  - n. Review by the Zoning Administrator with recommendation for consideration by the Zoning Board of Appeals (ZBA).
  - o. The Zoning Board of Appeals (ZBA) may request additional information from the applicant and hear testimony of the applicant.
  - p. The Zoning Board of Appeals (ZBA) shall hold a public hearing, subject to any notification requirements per Sec. 10-13-10.
  - q. The Zoning Board of Appeals (ZBA) shall consider the application, the zoning ordinance, any testimony, any public comments, and additional facts to make a recommendation to the Village Board.
  - r. The Village Board shall consider the application, the zoning ordinance, any testimony, any public comments, and additional facts to approve, approve with conditions, or disapprove the major design exception application.
4. **Conditions.** Major design exceptions allowed by this Article 10-9C are permitted under the following conditions and standards:
  - s. The exception fulfills the intent defined for this

Article 10-9C of the zoning regulations. Refer to Sec. 10-9C-1.A.

- t. The resulting development is consistent or compatible with the surrounding context or the vision defined in the village's comprehensive plan, the downtown TOD master plan, and/or other planning documents approved by the village.
  - u. The requested exception results in a development of equal or higher quality and durability of design.
  - v. The resulting development would not impede adjacent development from complying with the overlay district regulations.
  - w. The requested exception results from conditions that are unique to the subject development and would not establish a precedent that would prevent the board from reasonably denying a similar exception for similarly situated properties.
5. **Specific Major Design Exceptions.** Major design exceptions may include:
    - x. **Existing Building Exceptions.** The following exceptions are permitted when applied to the renovation of an existing building(s):
      - (1) For renovation of existing buildings, the maximum front lot line coverage may be waived with an existing coverage of 60%; however, any expansion on the ground story shall contribute to the extension of the front lot line coverage.
      - (2) For renovation of existing buildings, the location of the building within up to 5 feet from any minimum yard requirement or build-to district width/location.
      - (3) For renovation of existing buildings, the minimum height of the ground story and upper story may be increased or decreased by up to two feet for existing stories.
      - (4) For renovation of existing buildings, other required dimensions may be modified up to five feet or 10 percent, whichever is less, unless otherwise modified by this section.
    - y. **Alternative Building Materials.** Alternative building materials may be approved in lieu of those defined Sec. 10-9C-4. For approval, the following shall be met:
      - (1) Upon request, the Applicant shall submit samples and examples of the material installed in a similar building form located locally as determined by the Zoning

Administrator. The submittal shall be provided a minimum of 4 weeks prior to the review, to allow site visits to the location.

- (2) The submitted application meets the intent of the materials requirements and the material will maintain its structure, color, and appearance for a minimum period of 20 years with little or no maintenance.

**z. Build-to Zone.** A major design exception may be requested to move the building back beyond the build-to zone, provided the following applies:

- (1) The setback is intended to be treated as patio or landscape area.
- (2) The setback is not wider than 90 feet or deeper than 50 feet.
- (3) The setback is not adjacent to another approved exception with an extended front setback.

**aa. Other Major Design Exceptions.**

- (1) Additional major design exceptions are noted throughout this Article 10-9C.
- (2) The applicant may request a major design exception for any regulations where no design exception is defined, provided the requested exception is consistent with the intent of these regulations.

### **10-9C-3. BUILDING REGULATIONS**

The regulations of this Sec. 10-9C-3 apply to all buildings in the downtown overlay.

#### **A. GENERAL**

- 1. Permanent Structures.** All buildings must be of permant construction without a chassis, hitch, or wheels, or other features that would make the structure mobile, unless otherwise expressly stated in this section.
- 2. Accessory Structures.** Unless otherwise established in this article, accessory uses, buildings and structures are regulated in Chapter 3 of the zoning ordinance..
- 3. Treatment of Yards.** All yards, setbacks, and build-to zones must consist of landscape areas, patio space, or sidewalk space, unless parking areas and entrance drives are otherwise expressly stated.
  - ab.** Where permitted as access to the lot by the building regulations, driveways may cross perpendicularly through the front or street side yards. Driveways may cross perpendicularly through the side and rear yards to connect to parking lots on adjacent lots.
  - ac.** Side yard parking lots, where allowed, may not encroach into the front yard area or into the minimum required side setback.
  - ad.** Minimum rear and side yard setbacks apply to parking lots located in the rear yard, unless otherwise stated.

**B. BUILDING REGULATIONS BY SUBAREA**

The following tables define the building regulations within the downtown overlay. See Sec. 10-9C-7 for an explanation of key measurements and the general site and building design requirements in Sec. 10-9C-5, and Sec. 10-9C-4, respectively.

SUBAREAS				
	1: DOWNTOWN CORE	2: DOWNTOWN EDGE	3: DOWNTOWN RESIDENTIAL	4: CORRIDOR COMMERCIAL

**C. BUILDING & PARKING SITING** SEE FIGURE 2.

1	Primary Frontage Build-to Zone (feet)	0 – 15	10 – 30	12 – 30	5 – 20
2	Minimum Primary Frontage Coverage (%)	90[1]	50 [2]	80 [2]	60 [2]
3	Other Frontage Build-to Zone (feet)	0 – 15 [3]	5 – 30	7.5 – 15	5 – 20
4	Build-to Zone Treatment per Sec. 10-9C-5.C	Streetscape A	Streetscape A or B	Streetscape B	Streetscape B
5	Minimum Side Setback (feet)	0; 7.5 when abutting other subarea	10	7.5	7.5
5	Minimum Space between Buildings on a Lot(feet)	0 or 10 min.	12.5	12.5	0 or 10 min.
6	Minimum Rear Setback (feet)	Abutting SR districts: 7.5 for parking and 25 for building Abutting a street or other subarea: 10 for parking and building			
7	Maximum Building Width along any Street	none required	150 [4] [5]	350 [5]	none required
8	Surface Parking & Loading Location	Rear and limited side yard [6][7]	Rear and limited side yard [6][7]	Rear yard [7]	Rear yard and side yard [7]
Loading areas and garbage and recycling areas are allowed in rear yard only					
9	Structured Parking	Structured parking within principal building must be below ground floor or in the rear behind occupied buildings space at least 20 feet in depth. Detached accessory parking structures are allowed only in the rear yard and shall not extend beyond the building.			
10	Garage Access	Prohibited on primary frontage facades; on non-primary and side facades, must be set back a minimum of 30 feet from primary facade.			

**D. HEIGHT** SEE FIGURE 3.

1	Minimum Height (stories)	2	1	2	1
1	Maximum Height (stories)	4	4	4	4
2	Required Upper Story Setback	Where SR districts exist abutting the parcel or across an alley from the parcel, any story over the second story or over 35 feet above grade shall be set back from the shared property line a minimum of 50 feet. See Figure 4.			
3	Floor-to-Floor Height (feet)	12-18 ground story; 9 – 12 other stories	9 – 14 all stories	10 – 12 all stories	14-20 ground story; 9 – 14 other stories

**E. USE** SEE FIGURE 3.

4	Ground Story Permitted Uses	Any allowed use except residential	Any allowed use except residential	Any allowed use	Any allowed use except residential
	Upper Story Permitted Uses	Any allowed use			

[1] Limited side yard parking counts toward minimum primary frontage coverage.

[2] A courtyard, maximum 30% of the building width, may be incorporated and will count towards the minimum primary frontage coverage.

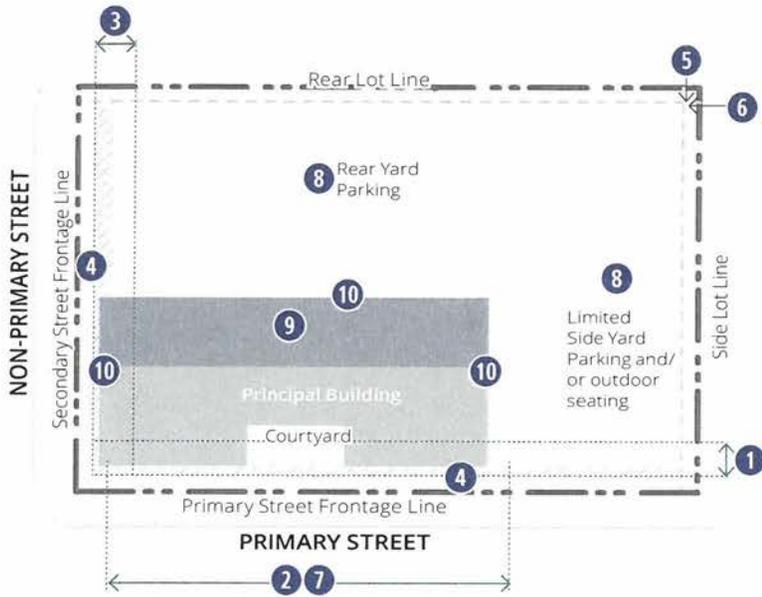
[3] A minimum streetscape area 12 feet deep from the back of curb towards the site is required. If this area extends into the lot, the build-to zone shall be measured from the edge of this minimum pedestrian area.

[4] Connections allowed between Subarea 2 buildings, maximum 1.5 stories, setback from front facade minimum 15 feet.

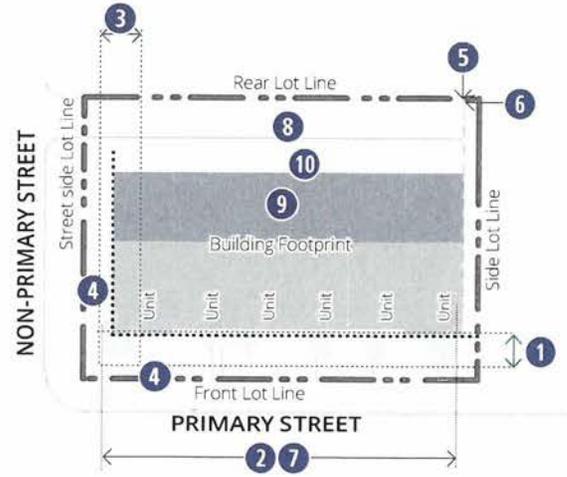
[5] For townhouses, rowhouses, and live-work units, a maximum width of 8 units and 150 feet, whichever is less, is allowed.

[6] Limited side yard parking is located in the interior side yard with up to one double-loaded aisle perpendicular to the street centerline.

[7] Rear parking shall not extend beyond the building.

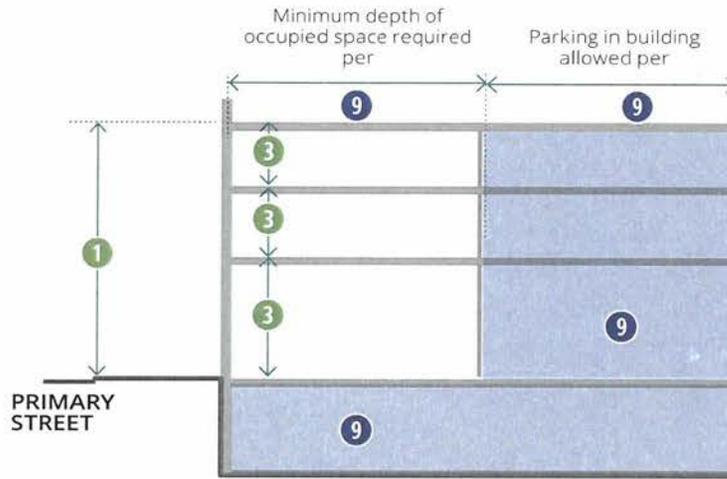


Mixed-Use, Office, or Apartment Building

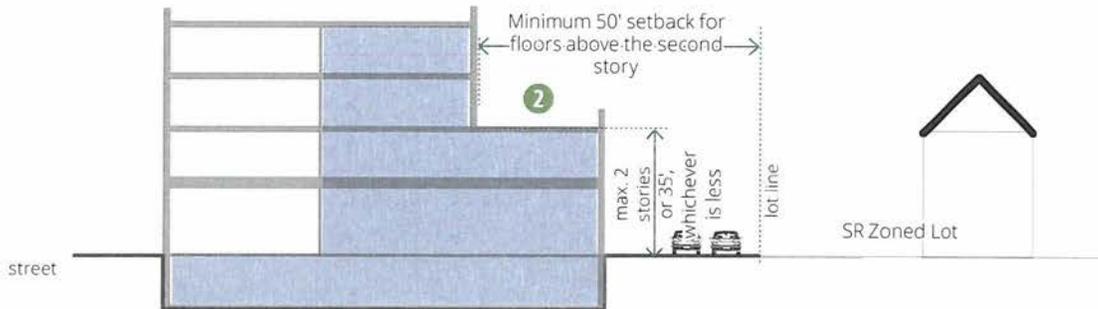


Rowhouse, Townhouse, Live-Work Building

**Figure 2. Building & Parking Siting Diagram**



**Figure 3. Height & Use Diagram**



**Figure 4. Upper Story Setback Diagram**

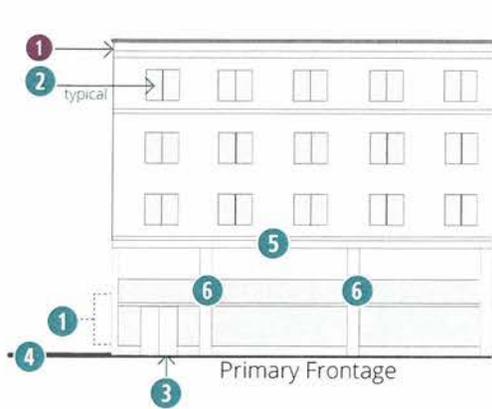
SUBAREAS			
1: DOWNTOWN CORE	2: DOWNTOWN EDGE	3: DOWNTOWN RESIDENTIAL	4: CORRIDOR COMMERCIAL

**F. FACADE REQUIREMENTS**

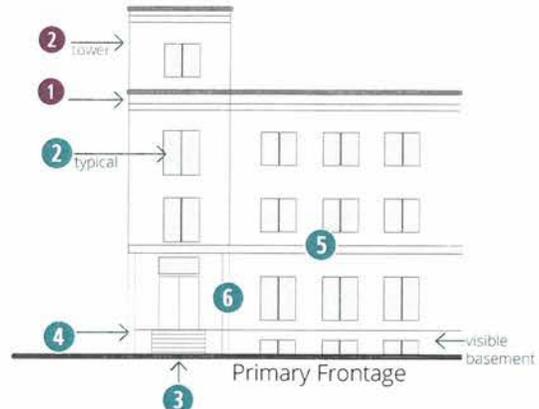
See Figure 5.

1	Minimum Required Transparency per Ground Story on Primary Frontages (%)	65, as measured between 2 and 8 feet	Same as all other stories	Same as all other stories	65, as measured between 2 and 8 feet
2	Minimum Required Transparency per All Other Stories on Street Facade (%)	15, including any half stories or full floor height towers; and no 15-foot wide section, measured horizontally along the story, may be without transparency; and no rectangular segment measuring 30% or more of a story may be without transparency (refer to Sec. 10-9C-7 for measuring)			
3	Minimum Building Entrances on Primary Frontages	One entrance, then 1 required for every 70 feet of frontage	Minimum one principal entrance for buildings; one per unit for townhouses [1]		One entrance, then 1 required for every 120 feet of frontage
4	Ground Story Elevation on Grade	80% of ground story must be within 1.5 feet of adjacent sidewalk elevation	Within 2.5 feet of adjacent grade or between 2.5 feet and 5 feet with visible basement		80% of ground story must be within 1.5 feet of adjacent sidewalk elevation
5	Street Facade Horizontal Divisions with Shadow Line	Required within 3 feet of top of ground story on at least 80% of facade width	None required	Required within 3 feet of the top of any visible basement	Required within 3 feet of top of ground story on at least 80% of facade width for buildings over 1 story
6	Primary Frontage Vertical Divisions with Shadow Line	Minimum one for every 30 feet of facade width on ground story	Minimum one for every 120 feet of facade width		Minimum one for every 60 feet of facade width on ground story

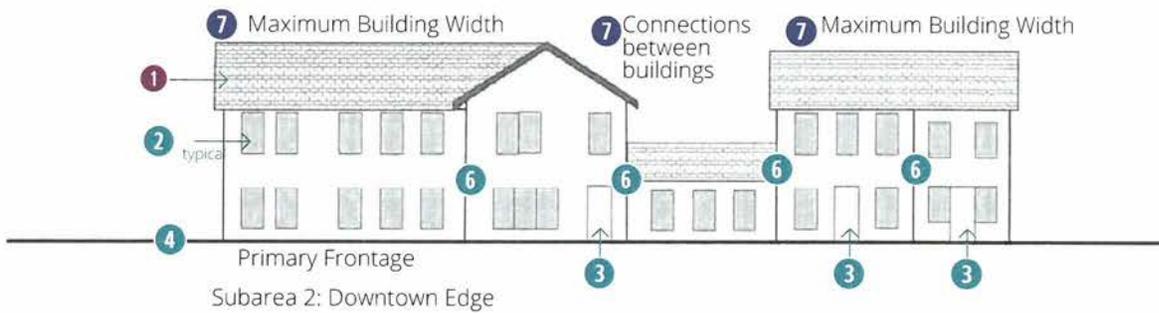
[1] For townhouse/rowhouse configurations, each unit must have an entrance on the primary street facade except, for every unit with an entrance on a primary street, one unit may front a courtyard, open space, or non-primary street. all units located in the build-to zone must have an entrance on the street.



Subarea 1: Downtown Core



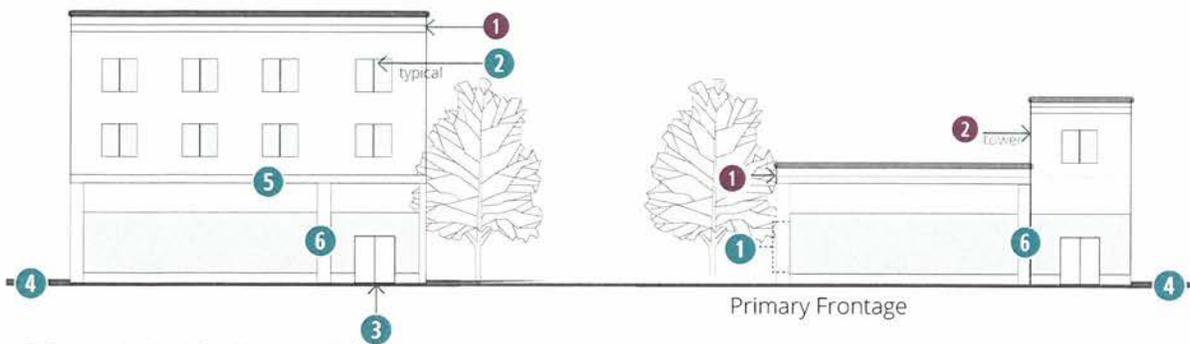
Subarea 3: Downtown Residential



Subarea 2: Downtown Edge



Subarea 2 and 3: Downtown Edge: Rowhouse/Townhouse Configurations



Subarea 4: Corridor Commercial

Figure 5. Facades Regulations

SUBAREAS			
1: DOWNTOWN CORE	2: DOWNTOWN EDGE	4: DOWNTOWN RESIDENTIAL	3: CORRIDOR COMMERCIAL

**G. CAP TYPES**

The major components of any roof shall meet one of the allowed cap type for the subarea. The cap design is required where the roof is visible from any street. Roofs for bay or bow windows, entrance canopies, and dormers are not required to meet a cap type. Refer to Sec. 10-9C-4.P for rooftop appurtenances.

**1. General**

<b>1</b> Permitted Cap Types	Parapet, Pitched, Flat, or combination.
Other Cap Types	Other cap types may be approved by major design exception per 10-9C-2.
<b>2</b> Habitable Space	Habitable space is not allowed in any cap except for pitched caps.
Allowed Accessory Design Elements Mounted upon or Extending Above the Cap Type	Chimneys, skylights, flagpoles, and other similar design features must not extend more than 10 feet above the tallest part of the cap. Extensions above 10 feet require a major design exception per 10-9C-2. Refer to 10-9C-4.P for necessary mechanical appurtenances and required screening.
Terraces, green roofs, rooftop gardens, other outdoor rooftop facilities	Allowed on any roof, unless otherwise stated. Any permanently covered area is a story and when visible from any public way, the cover shall comply with a cap type. The tower may be applied to these outdoor areas.

**2. Pitched Cap Type** See Figure 6.

<b>3</b> Minimum Permitted Pitch (rise:run)	4:12 (rise:run); 3:12 second story or higher
Maximum Permitted Pitch (rise:run)	14:12
<b>4</b> Permitted Configurations	Hipped, gabled, and a combination of hips and gables with or without dormers are permitted. Gambrel roofs are permitted with the ridge perpendicular to the front lot line. Butterfly roofs (inverted gable roof) are not permitted.
Ridge Line Parallel to the Primary Frontage	A gabled end or perpendicular ridge must occur at least every 100 feet of ridgeline.
<b>5</b> Maximum Cap Height	Single story: no more than 1.5 times the height of the upper story 2 or more stories: no more than the height of the upper story

**3. Parapet Cap Type** See Figure 7.

<b>6</b> Parapet Height (feet)	Minimum 2; maximum 6, measured from the top of the uppermost story to the top of the parapet.
<b>7</b> Horizontal Divisions	A shadow line must define the parapet from the upper stories of the building and must also define the top of the parapet, for at least 80% of the width of each facade

**4. Flat Cap Type** See Figure 8.

<b>8</b> Configuration	No visible slope from the street or public way with eaves required on along all street-facing facades.
<b>9</b> Minimum Eave Depth (inches)	14, measured from the building facade to the outside edge of the eave
<b>10</b> Minimum Eave Thickness (inches)	8, measured at the outside edge of the eave, from the bottom of the eave to the top of the eave
<b>11</b> Interrupting Vertical Walls	One vertical wall may interrupt the eave and extend above the top of the eave with no discernible cap. No more than one-half of the primary frontage facade may consist of an interrupting vertical wall. Vertical walls may extend no more than 4 feet above the top of the eave.

**5. Tower** See Figure 9.

<b>12</b> Configuration	A tower is a vertical element, polygonal (simple), rectilinear, or cylindrical in plan. The tower is used in addition to the cap type of the building.
<b>13</b> Maximum Tower Height	The equivalent of the height of one upper floor of the building to which the tower is applied, measured from the top of the parapet or eave to the top of the tower.
<b>14</b> Maximum Tower Width	One-third the width of the facade length or 30 feet, whichever is less, as measured along all facades.
<b>15</b> Tower Cap	Any allowable cap types for the subarea (parapet, pitched, flat).

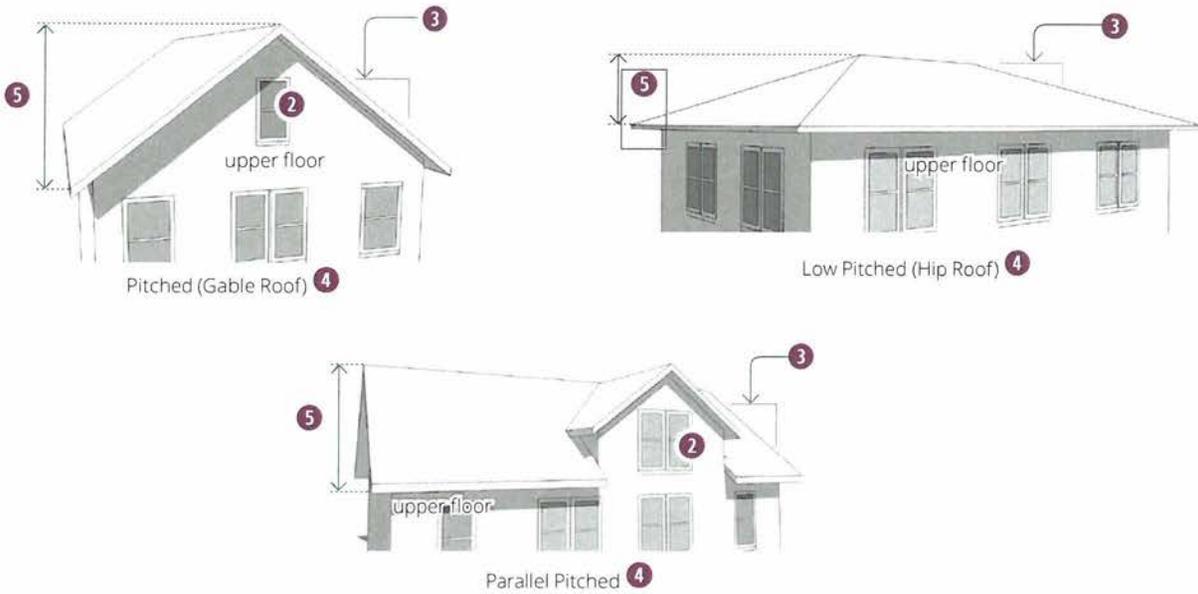


Figure 6. Pitched Caps

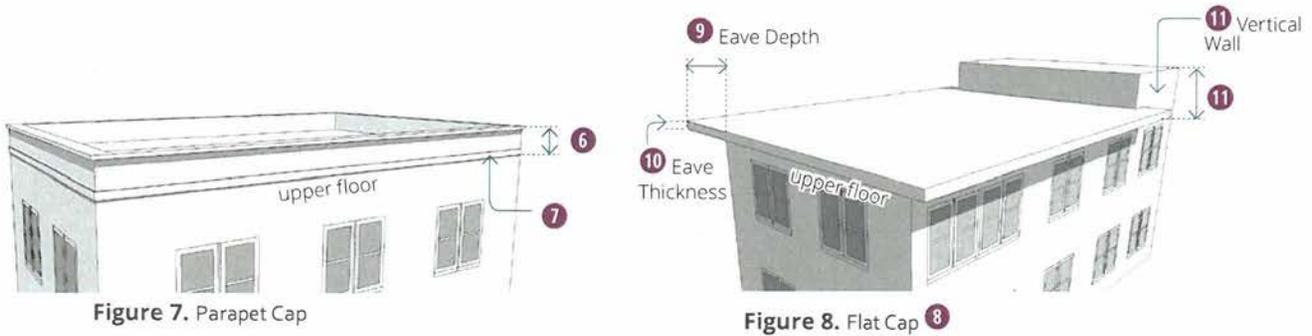


Figure 7. Parapet Cap

Figure 8. Flat Cap

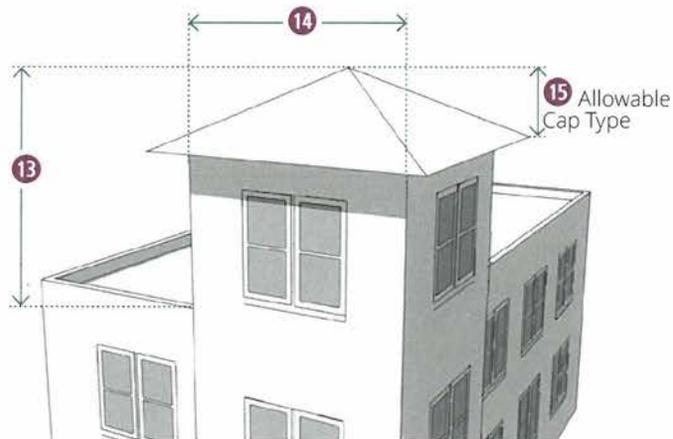


Figure 9. Tower

**10-9C-4. BUILDING FACADE DESIGN**

The following design requirements apply to all buildings in the downtown overlay, unless otherwise stated.

**A. INTENT**

The regulations of this section are intended to improve the physical quality of buildings, improve the long-term value and durability of buildings, enhance the pedestrian experience, and protect the character and scale of the downtown.

**B. EXCEPTIONS**

Materials that are not listed in this section for its proposed application as allowed major, minor, accent/detail, or roof materials, may not be installed on any facade or roof unless approved by a major design exception per Sec. 10-9C-2.D.

1. **Materials Exception.** The major design exception may allow facade or roof materials that are not listed in this section if the applicant demonstrates the material in its proposed application meets the intent of the facade material standards.
2. **Examples.** Samples and examples of successful high quality local installation and the manufacturer's warranty and industry ratings shall be provided by the applicant upon request.
3. **Exceptions to Other Requirements.** Modifications to other design regulations in this article are eligible for a major design exceptions.

**C. MAJOR FACADE MATERIALS**

Allowed major facade materials are listed in Table A. Major materials are allowed on all facades, unless otherwise stated and are intended to serve as the primary surface material on street-facing and primary frontage facades. Prohibited materials are listed in Table C.

1. **Simplicity of Surface Materials.** A minimum of 60 percent of each street-facing and primary frontage facades, not including window and door areas, shall be faced of a single facade material. On buildings longer than 120 feet, a minimum of 60 percent of each 90-foot length of facade, measured horizontally, shall be faced of a single facade material. See Figure 10
2. **Side and Rear Facades.** Allowed Major Materials shall continue around the corner of a building from the street facade onto the side or rear facade for no less than 30 feet along the side or rear facade.
3. **Color.** The paint or finish colors of any major materials requiring an applied finish shall be from an historic palette from any major paint manufacturer. Other colors may be utilized for details and accent materials.

**D. MINOR FACADE MATERIALS**

1. **Maximum Minor Materials for Surface Areas.** A maximum of 35 percent of each facade surface, not including window and door areas, may be composed of minor facade materials per Table B. Prohibited materials are listed in Table C.



Figure 10. Example of Major, Minor, and Accent/Detail Materials on a Facade

**TABLE A. ALLOWED MAJOR FACADE MATERIALS**

MAJOR FACADE MATERIAL (alphabetical)	SUBAREAS			
	1: DOWNTOWN CORE	2: DOWNTOWN EDGE	4: DOWNTOWN RESIDENTIAL	3: CORRIDOR COMMERCIAL
<b>A</b> Brick full dimensional, unit, face brick	●	●	●	●
<b>B</b> <b>Concrete Masonry Units</b> architectural, minimum 3" depth, "artisan stone" look, varied sizes, (Eschelon Masonry or approved equal), "stone" face, "hewn stone", rock cut	●	●	●	●
<b>D</b> <b>Fiber Cement Board</b> panels, finished lap siding or shingles		●		●
<b>Stone</b> natural, units	●	●	●	●
<b>E</b> <b>Wood</b> painted, stained, or treated lap siding, shingles		●	Limited to townhouse / rowhouse buildings	

**KEY:** ● = allowed



**TABLE B. MINOR FACADE MATERIALS**

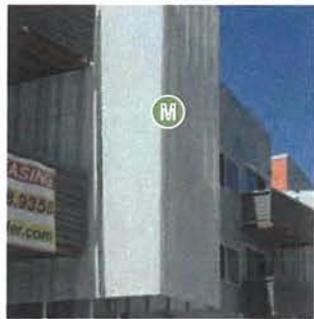
All allowed major facade materials may be used for minor facade materials, unless otherwise listed as prohibited in Table C.

MINOR FACADE MATERIAL (alphabetical)	Allowed on Buildings in these Subareas	Allowed Facades	Maximum Amount on each Facade
<b>Brick</b> economy size	All	Non-street facades only	100%
<b>Brick</b> thin, veneer	All	Non-street facades only	100%
<b>Concrete Surfaces</b> finished stained, painted, treated	All	All, below first floor	20%
<b>Concrete Masonry Units</b> minimum 3" depth, split-faced, or burnished/ ground face	All except Subarea 2	Non-street facades only	100%
<b>Glass</b> curtain wall	Subareas 1 and 3 only	All facades	20%
<b>F Metal</b> architectural panel system, not including aluminum composite materials (ACM) or panels (ACP)	All	All, except a major material is required at grade up to 2 feet and adjacent to entrances	30% on a 3-story building; 25% on a 4 story building
<b>G Metal, Corten</b> panels or panel systems, not ribbed or corrugated	All	All	20%
<b>Stucco</b> synthetic or with elastomeric finishes, EIFS	All	Only above 8 feet on all facades	40%
<b>Stucco</b> cement-based, 2- 3 layer hard coat	All	All	30% of street facade
<b>Terra Cotta or Ceramic</b> tiles or panels	All	All	20%
<b>Vinyl Siding</b> minimum 0.42 inches thick	Allowed only on townhouses in Subarea 3	All	60% of street facade, 100% on other facades
<b>H Wood</b> natural, aged lap siding, shingles, rainscreen system	All	All	20%
<b>I Wood, Composite</b> rainscreen system	All	All	30%



**TABLE C. PROHIBITED MATERIALS**

<b>J</b>	<b>Concrete, Unfinished</b> untreated, unstained, unpainted
	<b>Fiberglass and Acrylic Panels</b> all
<b>K</b>	<b>Glass Block</b>
<b>L</b>	<b>Metal Sheets</b> corrugated or ribbed sheets as siding, aluminum composite (ACM or ACP)
<b>M</b>	<b>Plastic Panels</b> all, including high-density polyethylene and polycarbonate panels
<b>N</b>	<b>Stucco Mouldings or Synthetic Stucco Mouldings</b> trim, sills, cornices, banding, columns, pilasters or other 3 dimensional details
	<b>Wood</b> Unfinished, untreated plywood and wood panels



2. **Accents and Details.** Additional materials are permitted for trim, accents, and details per Table D, not included in the maximum surface area.

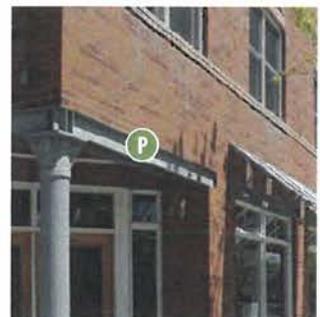
**E. PITCHED ROOF MATERIALS**

Allowed pitched roof materials include dimensional asphalt composite shingles, wood shingles and shakes, metal tiles or standing seam, slate, and ceramic tile. Engineered wood or slate may be approved through the major design exception process with an approved sample and documented examples of successful, high quality local installations.

**TABLE D. ALLOWED DETAIL & ACCENT MATERIALS (all facades)**

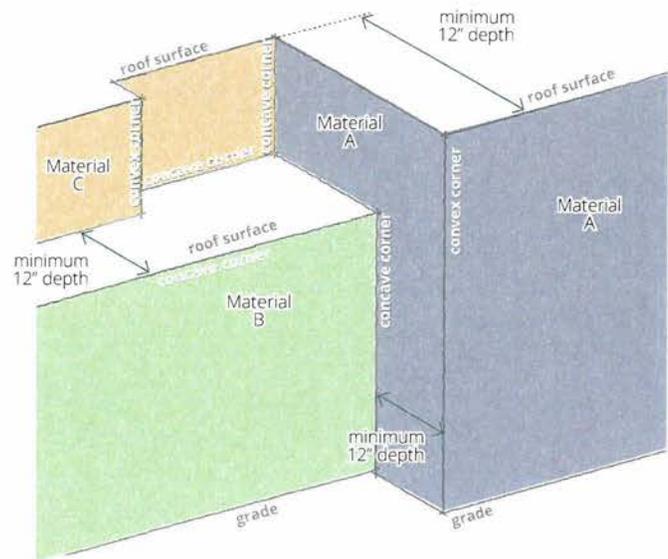
All permitted major and minor facade materials may be used for details, trim, and accents.

<b>O</b>	<b>Concrete Details</b> precast stone ornamentation, lintels, sills, banding, columns, beams
	<b>Fiber Cement Details</b> trim, soffits
<b>P</b>	<b>Metal Details</b> trim, ornamentation, lintels, beams, columns
	<b>Wood and Wood Composite Details</b> painted/treated trim, soffits, other approved details
<b>Q</b>	<b>Vinyl Details</b> limited to soffits, window trim; minimum .04 inches thick



**F. MATERIALS INSTALLATION QUALITY**

1. **Intent.** The intent of the materials installation quality requirements is to advance the quality of construction, durability, and aesthetics of new buildings, specifically related to application and detailing of facade materials.
2. **Exception.** Modification to these material installation requirements may be approved through a minor design exception.
3. **Changes in Material.** Changes in vertical surface materials for buildings shall meet the following standards:
4. **Changes in Surface Materials.** Changes in surface materials, whether major materials or minor materials, shall occur only at concave corners, minimum 8" deep. Surface materials are materials intended to cover the facade surface (such as unit materials, siding, stucco, panels) and do not include detail materials, such as but not limited to cast stone for lintels or cornices, exposed metal beams, or any material used to create a shadow line. See Figure 20.
5. **Materials Hierarchy.** Unit materials shall be elevated from the face of the building above less detailed, surface materials. For example, stucco, as a constant surface material, shall be recessed behind a bricked surface. See Figure 20 for an example, where Material A is brick, Material B metal panels, and Material C stucco.
6. **Shadow Lines on Surfaces.** Shadow lines shall be created at changes in materials with solid materials of a thickness that is greater than 2 inches, such as cast stone, masonry, or stone. For example, cast stone pieces may be offset to create a shadow, where the convex corner of the piece is used to create the corner of the detail.
7. **Appropriate Grade of Materials.** Except for townhouse or rowhouse buildings, all doors, windows, and hardware shall be of commercial grade quality.
8. **Applique Materials.** Materials with thickness of less than 2.5 inches, including but not limited to stucco, shall not be used or formed to create shadow lines.
9. **Stucco Installation.** Any stucco construction shall be of the highest installation quality, meeting the following criteria:
  - ae. **Jointing.** All stucco joints shall be aligned along the facade in the pattern shown on the elevations submitted for the site plan approval. Joints shall also align with the locations of windows and doors and other changes in



**Figure 13.** Diagram of Allowable Changes in Surface Materials

material.

- af. **Construction.** The stucco wall assembly shall be indicated on the plans specifying stucco type and construction.



Figure 14. Vertically Oriented Windows with Expressed Lintels

**G. WINDOWS**

Windows on street and public way facades of all buildings shall be constructed consistent with the following requirements:

1. **Amount.** Each building shall meet the transparency requirements per the building regulations. See Sec. 10-9C-3.
2. **Recessed.** All windows, with the exception of ground story storefront systems and glass curtain wall systems, shall be recessed with the glass a minimum of 2 inches back, measured from the facade surface material or adjacent trim.
3. **Vertically Oriented.** All windows shall be vertically oriented unless the flat cap type is used. When the flat cap type is used, horizontally oriented windows may be used for up to 30 percent of the total transparency area of each upper story.
4. **Visibility Through Glass.** Reflective glass and glass block are prohibited on street and public way facades. Windows shall meet the transmittance and reflectance factors established in the transparency definition (see Sec. 10-9C-7.B.6).
5. **Expressed Lintels.** For masonry construction, the expression of lintels shall be included above all windows and doors by a change in brick coursing or by a separate detail or element. See Figure 14 for illustrations of expressed lintels.

**H. SHUTTERS**

When shutters, whether functional or not, are utilized on a street or public way facade of any building, the shutters shall meet the following requirements. See Figure 15 for examples of shutters.

1. **Size.** All shutters shall be sized for the windows, so that, if the shutters were to be closed, they would not be too small for complete coverage of the window.
2. **Materials.** Shutters shall be wood, metal, or fiber cement. Other synthetic and engineered woods may be approved through a major design exception provided that the applicant submits a sample and examples of high quality, local installations of the material, located within 100 miles of the site.

**I. AWNINGS, CANOPIES, & LIGHT SHELVES**

Awnings, canopies, and light shelves on all buildings shall be constructed consistent with the requirements of this section. See Figure 16 for examples of awnings.

1. **Encroachment.** Awnings, canopies, and light shelves shall not extend into a village right-of-way or easement except as otherwise approved by the



Inappropriately Scaled Shutters: **Not Permitted**



Appropriately Scaled Shutters: **Permitted**

Figure 15. Examples of Shutters

village board.

2. **Attached Awnings & Canopies.** Awnings and canopies that are attached to the building and could be removed shall meet the following standards:
3. **Material.** All awnings and canopies shall be canvas or metal. Plastic awnings are prohibited. Other materials may be approved with a major design exception.
4. **Shapes.** Waterfall or convex, dome, and elongated dome awnings are permitted only with an approved major design exception.
5. **Lighting.** Backlit awnings are prohibited.
6. **Structures.** Frames shall be metal and shall be wall mounted. Support poles from the ground are prohibited unless the awning is over 8 feet in depth and utilized for outdoor eating areas or entrances.
7. **Multiple Awnings on the Facade.** When more than one awning is mounted on a facade, the awning types and colors shall be coordinated.
8. **Canopies & Light Shelves.** Permanent canopies, projections, or overhangs used as architectural features, light shelves, or shading devices are permitted.
9. **Clearance.** All portions of any awning, canopy, or light shelf shall provide at least 8 feet of clearance over any walkway and 15 feet of clearance over vehicular areas.
10. **Signage.** Refer to 10-12-7.A. for signs on awnings and canopies.

#### J. BALCONIES

Balconies on a facade facing any street, courtyard, open space, or public way shall be consistent with the requirements of this subsection. See Figure 17 for examples of balconies.

1. **Definition.** For the purpose of this subsection, balconies shall include any roofed or un-roofed platform that projects from the wall of a building above grade that is enclosed only by a parapet or railing. This definition does not include false balconies, Juliet balconies, or balconettes.
2. **Balconettes.** Sometimes referred to as Juliet balconies, balconettes are false balconies consisting of a rail and door, either without an outdoor platform or with an outdoor platform less than 18 inches in depth. Balconettes are permitted and do not count towards the maximum permitted amount of balcony on a street facade.
3. **Size.** Balconies shall be a minimum of 4 feet deep



Metal Awning



Canvas Awning

**Figure 16.** Examples of Awnings

and 5 feet wide.

4. **Integrated Design.** Balconies are intended to be integrated with the design of the facade, avoiding tacking the balconies onto the facade after the elevation has been designed.
  - ag. A minimum of 50 percent of the perimeter of each balcony shall abut an exterior wall of the building, partially enclosing the balcony.
  - ah. The balcony support structure shall be integrated with the building facade; separate columns or posts supporting any balcony from the ground are prohibited.
5. **Platform.** The balcony platform shall be at least 3 inches thick and any underside of a balcony that is visible from any public way shall be finished.
6. **Facade Coverage.** A maximum of 35 percent of the public way frontage facades, calculated separately for each facade, may be covered by balconies. The balcony area is calculated by drawing a rectangle around the following: the platform or floor of the balcony; any rails, walls, columns or indentations; and any ceiling, roof, or upper balcony.
7. **Build-to Zone Requirement.** The portion of the facade occupied by an upper story balcony is exempt from meeting the build-to zone requirement.
8. **Right-of-Way.** Balconies shall not extend into any right-of-way or easements except as otherwise approved by the village.

**K. PRINCIPAL ENTRYWAY**

See Figure 18 for examples of defined principal entryways. Principal entrances to all buildings or units shall be clearly delineated through one or more of the following design features:

1. **Roof or Canopy.** The entryway is covered by a roof or canopy differentiating it from the overall building roof type.
2. **Porch.** The entryway is through a porch.
3. **Sidelights and Transom.** Sidelights or transom windows are included around the entryway.
4. **Extended Articulation.** The entryway is included in a separate bay of the building that extends up at least 2 stories.
5. **Other Design.** A design that does not meet the above standards may be approved with a major design exception if it is determined that the design adds emphasis and draws attention to the entryway.

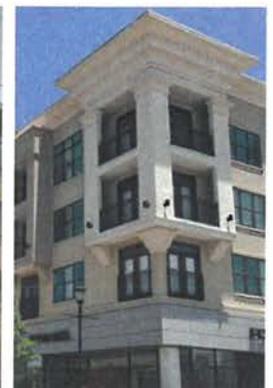


Figure 17. Examples of Balconies

**L. BUILDING ARTICULATION**

The following applies to all buildings. See Figure 19 for examples of building facade variety and articulation of stories.

1. **Building Facade Variety.** Buildings 120 feet in length or greater, as measured along any street or public way frontage shall fulfill the following requirements:
  - ai. **Increments.** Each public way facade shall be varied in segments less than or equal to 90 feet.
  - aj. **Requirements.** Each facade segment shall vary by at least 3 of the following:
    - (1) The type of dominant material or by color, scale, or orientation of that material;
    - (2) The proportion of recesses and projections, within the build-to zone;
    - (3) The location of the entrance and window placement, unless storefronts are utilized;
    - (4) Roof type, plane, or material, unless otherwise stated in the building requirements;
    - (5) Building heights.
2. **Articulation of Stories.** Stories shall be articulated on street and public way facing facades.
  - ak. **Fenestration.** Fenestration or window placement on street facades shall be organized by stories per the building regulations.
  - al. **Shadow Lines.** Horizontal shadow lines and lintels over openings may be used to delineate stories with minimum shadow lines required per building regulations.
  - am. **Mezzanines.** Mezzanines that fall within the range of floor to floor heights of the building regulations shall be articulated on the facade as a story and require separate calculation for transparency per Sec. 10-9C-7.B.6. Tall Stories.
  - an. **Taller Spaces.** Spaces exceeding the allowable floor to floor heights of the building regulations shall be articulated as multiple stories on the street facade.

**M. ARCADE DESIGN**

See Figure 20 for an illustration of an arcade. The following requirements apply to arcades. An arcade is a covered pedestrian walkway within the recess of a ground story.

1. **Depth.** An open-air public walkway shall be recessed from the principal facade of the building a minimum of 8 feet and a maximum of 15 feet.



Figure 18. Examples of Defined Principal Entryways



Figure 19. Example of Building Facade Variety and Articulation of Stories

2. **Build-to Zone.** When the arcade is utilized, the outside face of the arcade shall be considered the front facade, located within the required build-to zone.
3. **Column Spacing.** Columns shall be spaced between 10 feet and 12 feet on center.
4. **Column Width.** Columns shall be a minimum of 1 foot 8 inches and a maximum 2 foot 4 inches in width.
5. **Arcade Openings.** Openings shall not be flush with interior arcade ceiling and may be arched or straight.
6. **Horizontal Facade Division.** A horizontal shadow line shall define the ground story facade from the upper stories.
7. **Visible Basement.** A visible basement is not permitted.
8. **Exception.** A major design exception may be submitted for approval of an alternate arcade design.

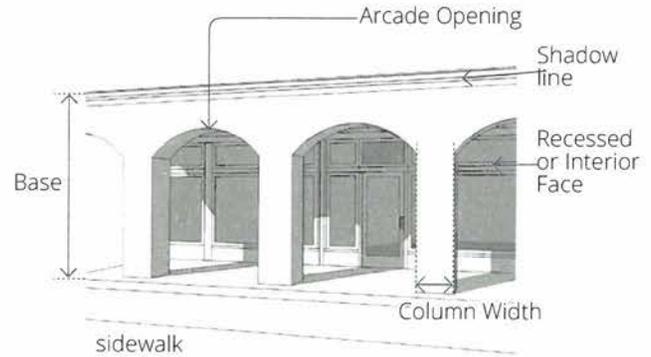


Figure 20. Illustration of Arcade

**N. VISTAS**

Views down streets shall be considered when laying out streets and locating open space, parking, and buildings. Refer to Figure 21.

1. **Rears of Buildings.** The location of open space and streets shall not create views of the rear of buildings or parking behind buildings.
2. **Parking.** Parking structures and surface parking lots are not permitted at the termination of a street vista.
3. **Street Termini.** When a street terminates at a parcel, the parcel shall be occupied by one of the following:
4. **Open Space.** If the parcel is open space, any open space type shall be utilized and a vertical element shall terminate the view. Acceptable vertical elements include, but are not limited to, a stand or group of trees, a sculpture, a gazebo or other public structure, or a fountain.
5. **Building.** If the parcel is not utilized as an open space, the facade of a building, whether fronting a primary street or not, shall terminate the view. The building shall incorporate one of the following treatments to terminate the view: a tower, a bay, or a courtyard.



Figure 21. Example of Terminated Views at buildings and civic open space.

**O. GARAGE DOORS**

The following requirements apply to garage doors provided on any street facade.

**1. Location.**

- ao. Primary Frontages.** Garage doors are permitted on primary street facades only when utilized for patio access, open air dining, or display and not utilized for vehicular access.
- ap. Non-Primary Frontages.** Garage doors may be permitted on non-primary street facades with direct access to the street where permitted by building regulations.
- aq. Interior Lot Facades.** The preferred location is on interior lot facades.
- ar. Recessed from Facades.** Garage doors located on street-facing facades shall be recessed a minimum of 3 feet from the dominant facade of the principal building facing the same street.

**2. Design.**

- as.** Garage doors facing a non-primary street and intended to be closed during business hours shall be clad with materials consistent with the design of the building.
- at.** Carriage-style windows in the door or upgraded architectural doors are required on fully residential buildings.

**P. MECHANICAL EQUIPMENT & APPURTENANCES**

Mechanical equipment and appurtenances can have a negative visual impact and detract from the quality of the design of a building. The purpose of the standards of this section is to ensure that the visual impact of mechanical equipment and appurtenances is minimized.

- 1. Mechanical Equipment in Building.** Mechanical equipment shall be located within the building, unless the applicant demonstrates the equipment is necessary for the function of the building and locating the equipment within the building would conflict with the equipment's function.
- 2. Rooftop Mechanical Equipment.** Refer to Figure 22. Any rooftop mechanical equipment, such as but not limited to vents, ducts, condensers, and ventilators, and not including solar panels, shall be located consistent with one of the following methods:
  - au.** Incorporate equipment into the roof design consistent with the applicable standards of Sec. 10-9C-2.G.
  - av.** Set the equipment back a minimum of 20 feet from any street or public way facade.

- aw.** To the extent practicable, all rooftop mechanical shall be painted to blend with the structural roof and limit its visibility.
- ax.** Rooftop mechanical equipment visible from adjacent streets shall be screened with materials consistent with the building design.
- ay.** Solar panels are permitted, provided they do not extend more than 12 inches above the tallest part of the roof. A minor design exception may be requested for solar thermal panels mounted on parapet or flat roofs, provided the panels are not visible from the street.

**3. Mechanical Equipment and Utility Appurtenances on Facades.** Refer to Figure 23. Mechanical equipment and utility appurtenances shall not be located on a facade unless the applicant demonstrates that locating the equipment in a different location would conflict with the equipment's function. Any equipment or appurtenance approved on a facade, such as but not limited to dryer vents, gas meters, and air conditioners, shall be located consistent with the following standards:

- az. Facade.** The mechanical equipment may be located on a primary facade only if the following requirements are met:
    - (1) The equipment is located on a surface perpendicular to any right-of-way;
    - (2) The equipment extends from the facade surface no more than 3 inches; and
    - (3) The equipment is screened from the sidewalk.
  - ba. Alignment.** Multiple pieces of mechanical equipment shall be organized on the facade in a regular pattern and aligned. Compliance with this standard must be illustrated on the drawing elevations submitted as part of the application.
  - bb. Material Coordination.** To the extent practicable, facade-mounted mechanical appurtenances shall be located on a material that limits their visibility. For example, dark colored vents will be more visible on light colored stucco than a textured, darker surface such as brick.
- 4. Mechanical Equipment and Utility Appurtenances on Other Horizontal Surfaces.** Mechanical equipment located on the ground, decks, or horizontal surfaces other than the roof, such as but not limited to electrical equipment and air



**Figure 22.** Rooftop Utilities Screened from the Public Way by a Parapet on left and Pitched Cap on right



Hotel room vents organized and integrated into the facade design



**Figure 23.** Utility Appurtenances located on Facades



**Figure 24.** Examples of Poorly Located Utility Appurtenances without Screening on Primary Streets: NOT PERMITTED

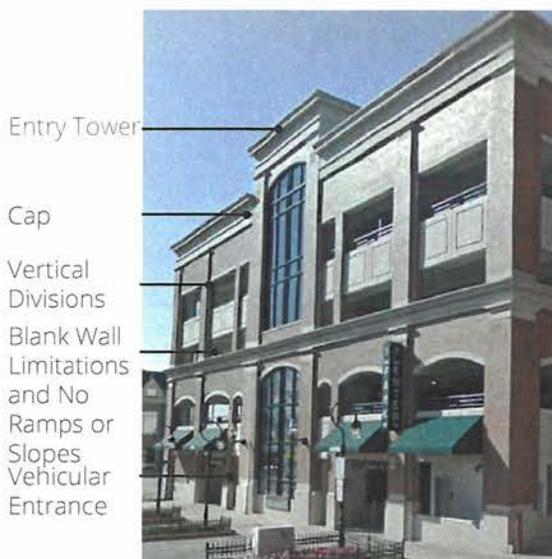
conditioners, shall be located consistent with the following standards:

- bc. No Encroachment.** Mechanical equipment shall not extend into any village right-of-way or easement.
- bd. Yard Location.**
  - (1) No mechanical equipment shall be located in the front yard.
  - (2) Mechanical equipment may be located in a side yard provided the side yard does not contain or abut a public way or open space.
- be. Screening from streets and civic spaces.**
  - (1) All equipment shall be screened from view from any streets, open space, or civic space with landscaping, fencing, or walls consistent with the building design, colors, and materials.
  - (2) Where landscaping only is employed, a single row of evergreen shrubs and/or ornamental grasses shall fully screen the equipment within 1 year of installation. The Zoning Administrator may require additional landscape materials.
  - (3) Where landscaping is employed, the utility shall be located in a larger landscape area and the landscape screen shall be designed as part of the bed design.
- bf.** The Zoning Administrator may approve appurtenances located on a primary street only if the following conditions are met:
  - (1) The applicant demonstrates that the equipment cannot be located in a rear yard, non-primary street yard, or in a side yard.
  - (2) No utility cabinets, boxes, or other appurtenances are within 200 feet along the same side of the street as the proposed utility appurtenance.
  - (3) The appurtenance is fully screened in a manner that is consistent with the building design, colors, and materials and of a height that is the minimum to adequately screen the appurtenance and that does not prevent the facade from fulfilling any transparency requirements. See Figure 24 for examples of poorly located, unscreened equipment on primary streets.
  - (4) The appurtenance is located a minimum of 35 feet from a street intersection, measured from the intersection of the curb line, and does not impact the sight vision clearance at intersections.

**Q. PARKING STRUCTURES**

Parking structures along any street frontage shall meet the following. Refer to Figure 25 for one illustration of a parking structure.

- 1. Location.** Parking structures are permitted in the rear of any lot. Street frontage is permitted along non-primary streets only, except village-owned parking structures.
- 2. Materials.** Major and minor material requirements per Sec. 10-9C-3.C and Sec. 10-9C-3.C shall be met on all street facades. Additional permitted minor material is stained, finished concrete.
- 3. Ramps and Slopes.** Ramps and slopes shall be located on non-street facades.
- 4. Vertical Divisions.** Vertical divisions extending the full height of the structure are required every 30 feet to de-emphasize the horizontal decks. Divisions shall be a minimum of 2 feet in width with a minimum projection of 2 inches.
- 5. Blank Wall Limitations.** No rectangular area greater than 30% of any story's facade, as measured from floor to floor, and no horizontal segment of a story's facade greater than 15 feet in width may be solid, blank wall.
- 6. Entry Tower.** A defined pedestrian entrance/exit is required separate from the vehicular entrance and directly accessing the sidewalk. If the space is enclosed, windows are required to meet a transparency rate of 65 percent.
- 7. Cap.** The top story of the parking structure shall



**Figure 25.** Example Parking Structure fronting a street

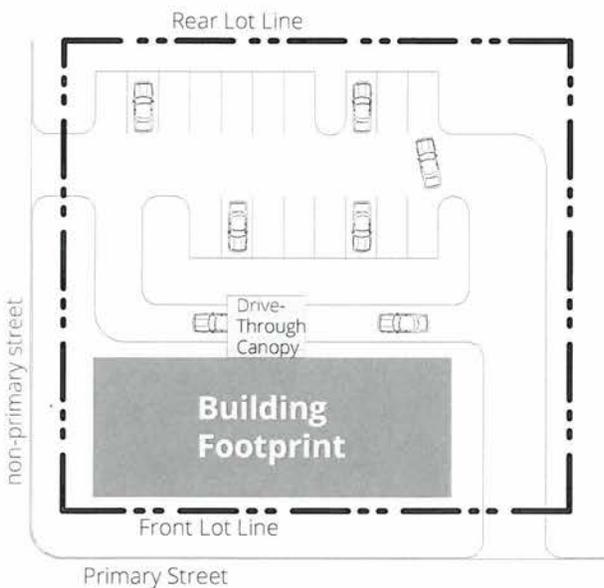
include a parapet or cap type along the street facades. Refer to cap types defined in Sec. 10-9C-2.G.

shall be repeated from the principal building design.

**R. DRIVE-THROUGH FACILITIES**

A drive-through facility is a structure or portion of a building that permits patrons to purchase goods or services while remaining in their vehicle. Refer to Figure 25 for one illustration of a compliant drive-through facility.

- 5. Location. The drive-through shall be located in the rear of the building or in the interior side yard. Drive-throughs are permitted in the corner-side yard with a major design exception approval, provided that the lot is not located in a highly pedestrian area of the downtown, stacking will not interfere with pedestrian or vehicular traffic, and screening is provided.
- 6. Stacking. Stacking of cars shall be accommodated in the rear or interior side yard.
- 7. Accessory Structures/Signs. The menu board and speaker shall be located in the rear or interior side yard.
- 8. Drive-through canopies and roofs shall match the roof of the principal building. Materials used for the drive through supports or other features



**Figure 26.** Example Drive-Through Facility

## 10-9C-5. GENERAL SITE DESIGN

### A. SIGNS

Refer to Chapter 12 for general sign regulations.

### B. LANDSCAPE

Refer to Chapter 11A for general landscape regulations.

### C. STREETScape

For all developments in the downtown overlay, the following streetscape is required to be installed by the applicant, unless otherwise determined by the Zoning Administrator.

1. **Streetscape Location.** Streetscape occupies the full pedestrian area of any street right-of-way (back of curb to the property line) and the front yard of all developments as defined by the streetscape type in 2 and 3, below. Refer to the building regulations for determination of streetscape type.
2. **Streetscape Type A.** For all developments designated to have streetscape type A in the building regulations, the following streetscape and landscape is required along all street frontages.
  - bg. **Streetscape Required.** The entire area from building face to back of curb shall be designed as a combination of hardscape, tree wells, and/or planters.
  - bh. **Standard Specifications.** Streetscape shall meet any standards defined by the village for sidewalk, curb, access, and parkway construction, unless otherwise stated. The Zoning Administrator, at his/her discretion, may request additional requirements or waive any requirements.
3. **Streetscape Type B.** For all developments designated to have streetscape type B in the building regulations, the following minimum landscape is required on all street frontages.
  - bi. **Parkway Planting.** The parkway area between the back of curb and the sidewalk shall be planted with street trees and ground plane vegetation. Stormwater accommodations and lighting may be located in the parkway area.
  - bj. **Street Yards.** The front and corner side yard areas shall be planted with a minimum of 40 percent planting bed. The remaining area may be grass or patio area.
4. **Streetscape Design Submittal.** A consistent streetscape design shall be submitted for approval with site plan approval for all new streets within the development and any existing streets

adjacent to the development. At a minimum, the streetscape design submittal shall include the following:

- bk. **Street Trees.** Shade trees shall be included in the streetscape design with details related to tree pits, tree wells, tree accessories (grates, guards), and tree planting.
  - bl. **Pavement Design.** Paving materials and pattern is required for all sidewalk areas. Pavement design shall include the minimum sidewalk widths required by the village and any extension of the sidewalk to the back of curb and/or included on the private lot.
  - bm. **Street Furnishings.** For developments occupying 300 feet or more of street frontage, street furnishings including such items as benches, seatwalls, planters, planter fences, tree grates, tree guards, and trash receptacles shall be specified and quantities and locations listed for each street. For each 300 linear feet of block face, a minimum of 2 benches and 1 trash receptacle is required.
  - bn. **Bicycle Racks.** Bicycle racks shall be supplied to meet the minimum bicycle parking requirements of the blockface uses per Table E for required bicycle parking spaces. If rear bicycle parking is utilized, a minimum of 50% of the required ground floor use bicycle parking shall be supplied within the streetscape, coordinated with the Zoning Administrator.
  - bo. **Landscape Design.** Ground plane vegetation shall be designated for any landscape bed areas, planter areas, and open tree wells.
  - bp. **Lighting.** Pedestrian and vehicular lighting shall be specified and locations and quantities noted. All lighting shall meet any requirements of the village. Cut sheets, samples, photometrics, and shield details shall be submitted upon request of the Zoning Administrator.
  - bq. **Minor Exception.** Any of these streetscape requirements may be waived by the Zoning Administrator when the village is installing similar components.
5. **Streetscape Extension.** The approved streetscape design for each street may be utilized by the village for the extension of any street outside the development to provide continuity, where appropriate.

**D. PARKING**

Refer to Chapter 11 for off-street parking and loading requirements. The following additional parking regulations apply within the downtown overlay.

- 1. Required Off-Street Parking Spaces.** Refer to Table E for the minimum number of off-street spaces required per use.
  - br. Credits and Reductions.** Credits towards or reductions from the minimum required spaces may apply per this section, Sec. 10-9C-4.D.
  - bs. Multiple Uses.** For developments with more than one use, uses are calculated separately, then totalled. Refer to Sec. 10-9C-4.D.5, below for a multiple-use reduction.
- 2. Off-Site Parking Agreement.** An agreement providing for shared use of off-site parking spaces or parking for different buildings on different lots, executed by the parties involved, shall be reviewed and may be approved by the Zoning Administrator during review of the site plan.
  - bt.** Off-site cooperative parking allowance shall be permitted on the site only as long as the agreement remains in force.
  - bu.** If the agreement is no longer in force, then parking must be provided as otherwise

required in this section.

- 3. Alternate Parking Ratios.** The motor vehicle parking ratios of this section are not intended to be a barrier to development. In order to allow for flexibility in addressing the actual expected parking demand of specific uses, alternatives to the motor vehicle parking requirements of this section may be approved through a major design exception, provided that:
  - bv.** The required motor vehicle parking ratios do not accurately reflect the actual day-to-day parking demand that can reasonably be anticipated for the proposed use;
  - bw.** The allowed parking credits and reduction alternatives of this section are infeasible or do not apply; and
  - bx.** The reduced parking ratios proposed are not likely to cause adverse impacts on traffic safety or on the general welfare of property owners and residents in the area.
- 4. On-Street Parking Credit.** Nonresidential uses may count on-street parking spaces on street rights-of-way abutting the subject property towards satisfying off-street motor vehicle parking requirements.

**TABLE E. MINIMUM PARKING SPACES**

Use	Minimum Motor Vehicle Spaces	Minimum Long-Term Bicycle Spaces	Minimum Short-Term Bicycle Spaces
Residential Dwelling with fewer than 4 units	1.25 per unit	No minimum	No minimum
Residential Dwelling with 4 or more units	1.25 per unit	1 per 2 dwelling units, except where a private garage is provided per unit	1 per 20 dwelling units, minimum 2
Group Living	1 per 3 residents	1 per 3 staff	1 per 4 beds
Assembly	1 per 6 seats	1 per 15,000 s.f.	1 per 5,000 s.f.
Higher Education, Trade School	1 per 3 students	1 per every 20,000 s.f. of building area	1 per every 5,000 s.f. of building area
Parks & Recreation	No minimum	No minimum	1 per every 15,000 s.f., with 15 minimum
All Other Civic & Institutional Uses	1 per 1000 sf	1 per 30,000 s.f.	1 per every 10,000 s.f., with 10 minimum
Hotel	1 per sleeping room	1 per every 60 sleeping rooms	1 per every 30 sleeping rooms, minimum 4
All Retail & Service Uses	1 per 400 sf	1 per 12,000 s.f.	1 per 3,500 s.f.
Office, Research & Laboratories	1 per 400 sf	1 per 10,000 s.f.	1 per every 20,000 s.f.
Child Care Center	1 per staff	1 per 4 staff	1 per 4 staff

- by. One on-street parking space credit may be taken for each 25 linear feet of abutting right-of-way where on-street parking is allowed.
  - bz. Only space on the same side of the street as the subject use may be counted except, where no building is located across the street, spaces on both sides of the abutting street may be counted.
- 5. Multiple Use Reduction.** When two or more uses share a parking lot, a multiple use reduction may be approved in accordance with the following.
- ca. The uses and the parking lot are under the same ownership or a shared parking agreement exists between multiple owners.
  - cb. Uses shall be calculated as follows:
    - (1) For each applicable land use category, calculate the number of spaces required as if it were the only use.
    - (2) Use the figures for each individual land use to calculate the number of spaces required for that use for each hour of the day per Table F.
    - (3) For each hour of the day, add the number of spaces required for all applicable land uses to obtain a grand total for each of the time periods.
    - (4) Select the time period with the highest total parking requirement and use that as the total number of parking spaces required for the site.
- 6. Car-Share Service Credit.** A car-share service credit may apply when spaces are provided on-site for a car-share program per the following:
- cc. The credit may apply to nonresidential uses that are required to provide 10 or more motor vehicle parking spaces and to residential uses that are required to provide 25 or more motor vehicle parking spaces.
- cd. The number of required motor vehicle parking spaces is reduced by 4 spaces for each parking space that is leased by a village-approved car-share program for use by a car-share vehicle.
  - ce. The car-share vehicles must be available to all building occupants.
- 7. Motorcycle and Scooter Parking.** In parking lots containing more than 10 motor vehicle parking spaces where at least 4 motorcycle and scooter spaces are provided, up to 2 motor vehicle spaces may be credited. To receive credit, each motorcycle and scooter space must have a concrete surface and minimum dimensions of 4 feet by 8 feet. Signs restricting the spaces to motorcycle and scooters must be provided.
- 8. Parking Lot Design.** The following applies to any parking lot within the downtown overlay.
- cf. **Pavement Design.** Refer to Chapter 11 for parking lot design requirements. The following additional requirements apply:
    - (1) Pavement areas shall consist only of necessary drives, walkway paths, and parking spaces; all other areas shall be landscaped. Excessive pavement shall be avoided.
    - (2) Alleys may be used as drive aisles.
  - cg. **Pedestrian Access.** All surface parking lots with 2 or more double-loaded aisles shall provide internal pedestrian pathway(s) within the parking area and outside of the parking drive aisle.
    - (1) Dimension. The pathway shall be a minimum of 6 feet in width.
    - (2) Quantity. One pathway is required for every

**TABLE F. SHARED PARKING FACTORS**

Land Use	Time					
	Weekday			Weekend		
	12AM-7AM	7AM-6PM	6PM-12AM	12AM-7AM	7AM-6PM	6PM-12AM
Residential	100%	55%	100%	100%	80%	100%
Office/Industrial	5%	100%	10%	0%	10%	5%
Lodging	100%	60%	90%	100%	65%	80%
Eating/Drinking	50%	70%	100%	50%	60%	100%
Religious Assembly	0%	10%	30%	0%	85%	25%
Assembly/Entertainment	10%	30%	60%	10%	70%	100%
Retail Sales/Service	5%	70%	80%	0%	100%	60%

2 double-loaded aisles.

- (3) Location. The pathway shall be centrally located within the parking area to serve a maximum number of parking stalls.
- (4) Pathways shall provide direct connections to the principal structure(s) entrances from the spaces furthest from the entrance.
- (5) Pathway Delineation. Pedestrian pathways should be clearly marked through the use of alternative materials, such as pavers.

**9. Bicycle Parking.** Minimum long-term and short-term bicycle parking spaces for specified land uses are set forth in Table E.

**ch. Bicycle Parking Design**

- (1) Location. Bicycle parking should be located within 50 feet of the entrance of the use on the same zoning lot as the use.
- (2) Short-term bicycle parking may be indoors or outdoors.
- (3) Bicycle parking racks provided as part of the streetscape or provided by others as part of the streetscape, when located within 50 feet of the entrance may be counted towards the requirement for short-term bicycle parking.
- (4) Long-term bicycle spaces must be located in a limited-access enclosure protecting bicycles from precipitation and theft, such as: enclosed indoor bicycle rooms, bicycle sheds, bicycle lockers, and weather-protected bicycle parking spaces that are monitored by an attendant or security system, such as bike boxes.
- (5) Aisle. An aisle, minimum of 5 feet wide, shall be provided adjacent to any bicycle parking facilities to allow for maneuvering.
- (6) Racks. Racks shall be installed a minimum of 2 feet from any wall or other obstruction, except for wall-mounted bicycle racks, which may be mounted directly on a wall.
- (7) Spaces located within individual dwelling units may not be counted toward bicycle parking requirements.
- (8) Bicycle parking facilities shall be separated from vehicular parking areas to protect parked bicycles from damage. The separation may be accomplished through grade separation, distance or physical barrier, such as curbs, wheel stops, poles or other similar features.
- (9) Racks and Structures. Racks and structures

shall be provided for each unprotected parking space, and shall be designed to accommodate both chain and U-shaped locking devices supporting the bicycle frame at 2 points. Racks may be floor-mounted or wall-mounted, and they must be securely affixed or bolted to the floor or wall.

## 10-9C-6. MASTER PLAN SITES

For all sites designated on the regulating map (Figure 1) as master plan sites, the following regulations apply.

### A. INTENT

These master plan site regulations are intended to extend the walkable street grid in the existing downtown area through larger adjacent parcels, providing a system of streets, smaller-scaled blocks and small civic, open spaces, while allowing a mix of buildings and uses within new, walkable developments.

### B. APPROVAL PROCESS

1. An administrative site plan review may be approved for all master plan sites meeting these regulations.
2. The master plan shall include all areas within the outline on the regulating plan, Figure 1, whether under the same ownership or not. The intent is to anticipate connectivity and other interactions potential between adjacent sites. Coordinate with adjacent property owners.

### C. SUBDIVISION

Refer to Title 11, Subdivision and Planned Unit Development Regulations, for all requirements related to new streets and subdivision and the processes for approval, modifications, and platting.

### D. BLOCKS

An interconnected system of streets and blocks is required for all development sites. Refer to Figure 29 for an illustration of an example layout of these regulations. Note that other configurations that meet the regulations are possible.

1. **Block Size.** Block length shall be no more than 600 feet, with a maximum perimeter of 1800 feet. Deviations from these dimensions for sites with natural or existing constraints may be approved with a major design exception.
2. **Access Points.** A minimum of two access points shall be provided for the development, with a minimum of one per every 1,500 feet of boundary, except along rail corridors or limited

access highways. An access point is a new street connecting to an existing street.

3. **Extend Existing Streets.** Streets shall connect and continue existing streets from adjoining areas. Future connections shall be considered and temporary dead end streets may be supplied for future extension with Zoning Administrator approval.
4. **Shape of Blocks.** The shape of a block shall be generally rectangular in order to accommodate typically rectilinear buildings, but may vary due to natural features or site constraints.
5. **Lot Configuration.** All lots shall have frontage along a street per the building regulations requirements, unless otherwise specified.
  - ci. With the exception of blocks containing open space, blocks shall typically be fronted with lots or buildings on at least two faces, preferably on the longest street faces.
  - cj. Flag lots are prohibited.
  - ck. The configuration of the blocks shall consider alley and service drive inclusion.
  - cl. Blocks may be established including already existing lots and those lots may retain their existing zone designation.
6. Consider lot and block orientation for maximum energy efficiency, depending on the building type. For example, block orientation along an east-west longitudinal axis will encourage development of long mixed-use buildings oriented along an east-west axis, with smaller east and west facing facades, able to take advantage of passive solar technology.

**E. STREETS**

Complete streets provide for multiple modes of access throughout the village. Refer to Figure 29 for an illustration of an example layout of these regulations.

1. **Cul-de-Sacs and Dead End Streets.** Cul-de-sac and temporary dead end streets require a major design exception and are permitted only when necessitated by natural features or site constraints, including but not limited to waterways, or highways. If allowed, pedestrian connections and landscape plantings may be required.
2. **Civic Space.** Refer to Sec. 10-9C-6.H for open space requirements, including street frontage requirements. Open space, existing and new, shall be fronted with streets to provide more visibility and access.
3. **Base Street Requirements.** The base street type is

illustrated in Figure 27. The Zoning Administrator may require additional street right-of-way or configuration based on existing context and circulation needs. The base street defines the minimum components of any new street on the interior of the development and includes the following:

- cm. **On-Street Parking.** Back-in or head-in, angled parking is acceptable in lieu of parallel parking. On-street parking on one side of the street may be approved by the Zoning Administrator, though parking on both sides is encouraged.
- cn. **Streetscape.**
  - (1) The minimum dimension required for streetscapes along non-residential ground stories is 14 feet, with a clear sidewalk width of at least 6 feet and an 8-foot street tree and furnishings zone.
  - (2) Along residential ground stories, the minimum is 13 feet with a clear sidewalk of at least 5 feet and a 8-foot landscape zone (parkway).
  - (3) See Sec. 10-9C-5.C in landscape for streetscape requirements.

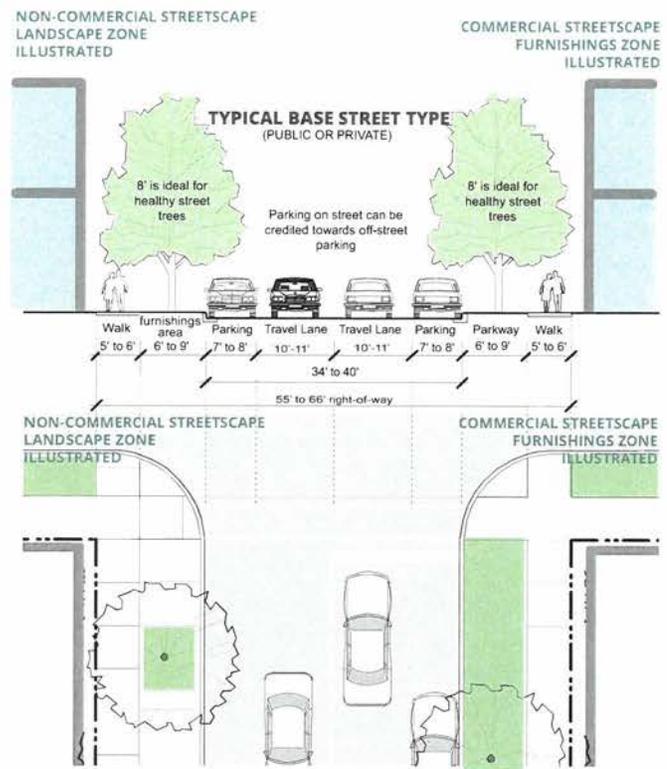


Figure 27. Base Street Components

(4) A minor exception may be approved by the Zoning Administrator for up to 2 feet less of any dimension.

- co. Maximum Pavement Width.** The maximum pavement width for all streets internal to the development is 38 feet. Pavement widths wider must include a median in the middle to provide pedestrian refuge and/or bulb-outs to reduce the crossing widths to less than 38 feet.
- cp. Medians.** Landscape medians are optional and permitted up to a maximum of 15 feet in width. Medians shall accommodate pedestrian crossings. Note that wider spaces within street configurations may be permitted by utilizing a civic space type per Sec. 10-9C-6.H.
- cq. Reduced Minimum Pavement.** When only one lane of on-street parking is approved, the minimum pavement width for a two-way street is 28 feet and the minimum right-of-way width is 54 feet.
- 4. Mid-Block Pedestrian Paths.** Mid-block pedestrian paths may be located on blocks within the development that are longer than the maximum block sizes, approved by the Zoning Administrator during the site plan approval process.
- 5. Street Crosswalks.** Crossings at all street intersections shall include a clear pedestrian path across streets (crosswalks) with accessibility ramps at curbs, demarcated by paint, stamped patterns, or pavers. Raised crosswalks are encouraged.
- 6. Curb Radii.** Intersections shall be designed for actual turning radius of the typical design vehicle as opposed to the maximum design vehicle. Small curb radii at intersections shorten pedestrian crossing distances and reduce vehicle turning speeds, increasing pedestrian safety
  - cr.** Where on-street parking is provided with no bulb-out, a radius no greater than 5 feet is required.
  - cs.** Where on-street parking is provided with a bulb-out or where no on-street parking is provided, a radius no greater than 10 feet is required.
- 7. Bicycle Accommodations.** New streets within the development shall accommodate bicycle access per the village's most recent complete streets policy and bike plan. Bicycle accommodations shall be included on through streets and higher activity streets. On non-commercial and lower activity streets, bicycles may share vehicular lanes.

#### F. ALLEYS, LANES, OR SERVICE DRIVES

Alleys, lanes, or service drives shall be provided through all blocks to provide vehicular access to all lots, except as follows:

- 1.** Parking drives and parking structure drives may serve as alleys/lanes if the drive is continuous through the block with at least 2 access points and serves all lots on the block.
- 2.** Exception. A major design exception may be approved per block with one of the following conditions:
  - ct.** A single point of access is all that is required and a non-primary street is available for access.
  - cu.** Natural or existing constraints limit the block depth and no more than 2 vehicular access points are required for the lots on the block.

#### G. PRIMARY STREET DESIGNATION

The orientation and location of buildings on lots is determined by the primary street designation. Some building regulations are specific to the primary street frontage. Primary street frontages are treated as the front of the building.

- 1. Minimum Designation.** A minimum of 50 percent of a combination of the new streets on the master plan site and existing streets fronting the development shall be designated as primary streets. A major design exception may be approved for up to a 20 percent reduction in the minimum requirement for streets treated as primary.
- 2. Building Frontage.** Primary streets shall be designated so that all building lots front at least one primary street, except for up to 20 percent of the lots may front a non-primary street.
- 3. Open Space Frontage.** Where practicable, streets along open space shall be designated as primary streets to ensure buildings front the open space.
- 4. Driveways and Alleys/Lanes.** Driveways and alleys/lanes to lots shall not be located off a primary street, except when the parcel is fronted by more than two primary streets and/or there is no other alternative access.

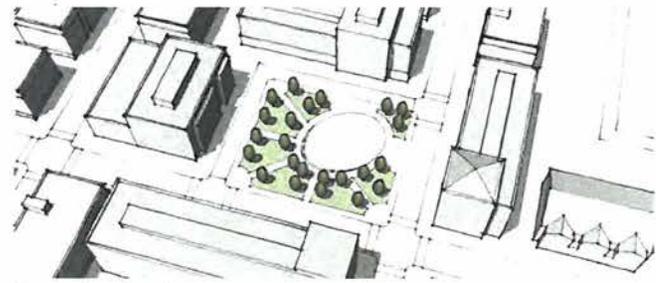
#### H. CIVIC SPACE

All developments where a master plan site is required shall provide the following open space.

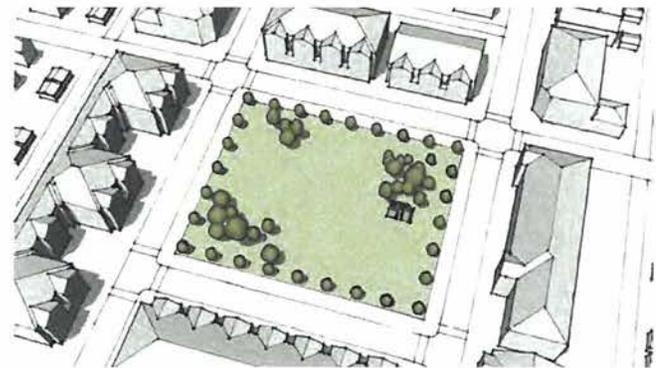
- 1. Required Amount.** The following minimum amount of open space shall be provided:
  - cv.** A minimum of 10% of the total master plan site shall be provided as one of the civic space

types, and

- cw.** One type of civic space is required within a 500-foot distance, as measured continuously along a sidewalk, from the principal entrance of all residential and live-work units and all other buildings. The intent is to provide usable open space within a short walkable distance for all occupants and visitors.
- 2. Types of Civic Space.** The following types of civic space are permitted. A mix of types is required, with not more than 3 of any one type utilized. Refer to Figure 28 for example images.
  - cx. Plaza.** A plaza is a generally hardscaped area (minimum 60 percent coverage), minimum 1/8 acre in size, with either street, pedestrian, or rail right-of-way or building frontage on all sides and at least one side the equivalent of 25 percent of the perimeter fronting a primary street. A single plaza may not fulfill the minimum open space requirements; if a plaza is utilized to meet the distance requirement, another open space shall be incorporated in another location on the site.
  - cy. Square.** A square is a combination of hardscape and landscape (approximately 50% and 50% respectively), minimum 1/4 acre in size, and surrounded by street frontage on all sides.
  - cz. Green.** A green is a generally landscaped space (minimum 70 percent), minimum 1/2 acre with street right-of-way on at least 50 percent of the perimeter.
  - da. Greenway.** A greenway is a linear landscape space, minimum 2 acres in total with minimum 30 feet wide and minimum average 60 feet wide, and with street right-of-way on at least 30 percent of the perimeter.
  - db. Park.** A park is a larger, generally landscaped space, a minimum of 2 acres in size, with at least 25 percent of the perimeter on street right-of-way.
- 3. Existing Open Space.** With approval of the Zoning Administrator, existing usable open space, more than 1/4 of an acre and meeting one of the types defined above, may fulfill the requirements. Landscape area and buffer area does not count towards the civic space requirement.
- 4. Trails.** Refer to any village open space and/or trail plans, and any existing trails surrounding the site, to provide connections through and within the site for continuous trails.



*Example of a plaza*



*Example of a GREEN*



*Example of a GREENWAY*

**Figure 28.** Illustrations of Civic Space Types

**I. LAYOUT & LOCATION OF BUILDING SITES**

The master plan shall define locations of buildings to meet the following requirements. Refer to Figure 29 for illustration of one potential site layout fulfilling these regulations.

**1. Permitted Buildings.**

**dc.** Refer to the subarea type noted on the regulating map in Figure 1 for the buildings intended to front any existing primary streets.

**dd.** Additionally, any other subarea may be used on the interior or existing non-primary frontages.

**2. Regulating Map.** The applicant shall develop a regulating map for the site, including the location of all subareas proposed, located by defining within boundary lines or lot lines on the plan.

**3. General Layout of Subareas.** The following general layout requirements apply:

**de.** The same subareas shall generally face each other across streets, including existing.

**df.** More intense buildings and uses located on blocks with less intense buildings and uses should be located on block ends.

**dg.** Changes in subarea shall generally occur at a rear boundary line, at an alley, or at corner parcels.

**KEY**

	EXISTING PRIMARY STREET		SUBAREA 2
	NEW PRIMARY STREET		SUBAREA 3
	NEW NON-PRIMARY STREET		SUBAREA 4
	PEDESTRIAN CONNECTIONS		OPEN SPACE



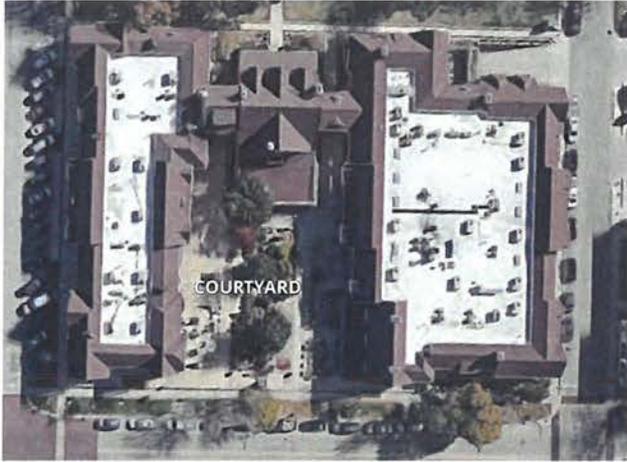
Figure 29. Illustration of One Potential Site Layout

## 10-9C-7. DEFINITIONS & MEASURING

### A. GENERAL DEFINITIONS

For the purposes of the downtown overlay, the following terms shall have the following meanings:

1. **Courtyard.** An outdoor area enclosed by a building or buildings on at least three sides for at least 75 percent of the length of each side, and open to the sky. Refer to Figure 30 for an example of a courtyard.
2. **Facade.** The exterior walls of a building exposed to public view from a street, including return walls as illustrated in Figure 31.
3. **Occupied Space.** Interior building space regularly occupied by the building users. It does not include storage areas, utility space, or parking. Refer to Figure 33 for an example of occupied space on a primary frontage.
4. **Pedestrianway.** A pathway designed for use by pedestrians; it can be located mid-block allowing pedestrian movement from one street to another without traveling along the block's perimeter. Refer to Figure 32 for examples of pedestrianways.
5. **Porch.** A roofed, open-air platform at the entrance to a building, with or without steps, usually with space for seating. Refer to Figure 34 for an illustration of a porch.
6. **Primary Street.** A street that receives priority over other streets in terms of setting front lot lines and locating building entrances.
7. **Public Way.** Any street, lane, drive, pedestrianway, trails, multi-use path, but not alley.
8. **Shadow line.** An architectural feature consisting of a decorative, three-dimensional, linear element, horizontal or vertical, protruding or indented a minimum depth from the exterior facade of a building typically utilized to delineate the top or bottom of floors or stories of a building, intended to create a shadow line. Examples may include cast stone cornices, pilasters, or stepped brick coursing. Refer to Figure 36 for examples of shadow lines.
9. **Stoop.** An open-air platform or flat, paved area at the entrance to a building, with or without steps and with or without a projecting canopy, typically unroofed. Refer to Figure 37 for an illustration of a stoop.
10. **Street Face.** The facade of a building that faces a street right-of-way.
11. **Transparency.** The measurement of the percentage of a facade that has highly transparent, low reflectance windows. For example, mirrored glass would not fulfill transparency requirements. Refer to Sec. 10-9C-7.B.6 for explanation of measuring transparency.
12. **Yard.** The space on a lot which is unoccupied and unobstructed from the ground to the sky by the Principal Structure. Refer to Figure 35. *Note that the Rear Yard is fully screened from the street by the structure.*
  - a. **Yard, Corner Side.** For the purposes of the downtown overlay, a yard extending from the non-primary building facade along a non-primary street lot line between the front (primary street) yard and rear lot line.
  - b. **Yard, Front or Primary Street.** A yard extending from the front or primary street facade of the principal structure along the full length of the front or primary street lot line, between the side lot lines or side and corner side lot lines.
  - c. **Yard, Rear.** A yard extending from the rear building facade along the rear lot line between the side yards or, on a corner lot, the corner side and side yards.
  - d. **Yard, Side.** A yard extending from the side building facade along a side lot line between the front yard and rear lot line.



**Figure 30.** Example of Courtyard



**Figure 31.** Illustration of Facade Definition



**Figure 32.** Examples of Pedestrianways between Buildings



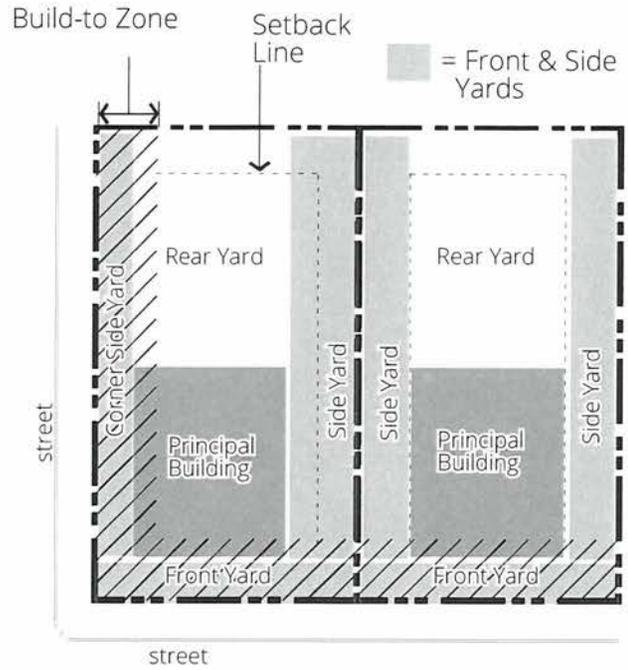
**Figure 33.** Example of Occupied Space on Primary Frontage



**Figure 34.** Illustration of a Porch



**Figure 36.** Example of Shadow Lines



**Figure 35.** Illustration of Yards



**Figure 37.** Illustration of a Stoop

**B. MEASURING**

The following defines the standards outlined on the building regulations tables, Sec. 10-9C-3.

1. **Build-to Zone.** The build-to zone is designated separately for each frontage on each building regulations table. Refer to Figure 38. Build-to Zones.
  - a. **Definition.** Build-to Zone is an area in which the front or corner side facade of a building shall be placed; it may or may not be located directly abutting a lot line. The zone dictates the minimum and maximum distance a structure may be placed from a lot line.
  - b. **Measurement.** The build-to zone for all frontages is measured from the lot line parallel to the frontage, unless otherwise noted.
    - (1) When additional streetscape area is required, the build-to zone is measured from the edge of the required streetscape onto the site.
    - (2) Refer to Sec. 10-9C-2.D for a major design exception to the build-to zone.
  - c. **Height.** The primary frontage facades for the minimum height of the building type must be located within the build-to zone. For example,

if the minimum height of the building is 2 stories, then, at a minimum, the first 2 stories of the building from the ground up must be located within the build-to zone on the same vertical plane.

- d. **Encroachments.** Awnings, balconies, and building mounted signage may extend up to 3 foot beyond the build-to zone into any yard area, but may not extend into the street right-of-way unless otherwise expressly approved by the village board.
2. **Minimum Primary Frontage Coverage.** The minimum percentage of building facade along the primary frontage of a lot is designated on the building regulations table.
    - e. **Measurement.** The width of the principal structures (as measured within the build-to zone along the frontage edge) is divided by the length of the frontage parallel to the property line following the street. Refer to Figure 39. Minimum Primary Frontage Coverage.
    - f. **Courtyards.**
      - (1) **Definition.** Refer to Sec. 10-9C-7.A for the definition and an illustration of a courtyard.
      - (2) **Applies to Coverage.** Where noted in the



Figure 38. Build-to Zones

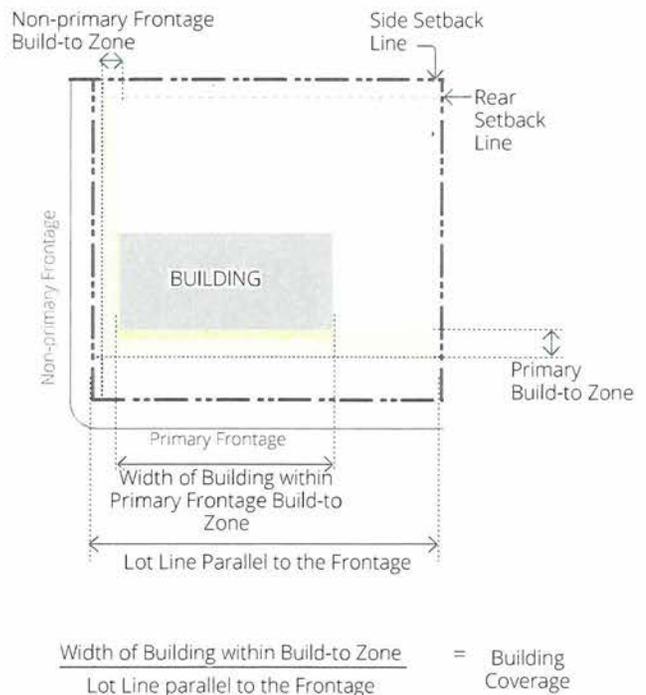


Figure 39. Minimum Primary Frontage Coverage

building regulations, courtyards, maximum of 30% of facade width or 30 feet wide, whichever is less, may count towards the minimum primary frontage coverage. The courtyard must be treated with landscape, patio, or sidewalk; no vehicular area is permitted in any courtyard.

- g. **Parking and Driveways.** Parking and driveways do not count towards the minimum primary frontage coverage, unless otherwise stated.
  - h. **Civic Space Type.** Open spaces per civic space type requirements are exempt from minimum primary frontage lot line coverage.
3. **Parking Location, Garage Entrances.** Parking location and garage entrances are managed by building regulations and do not count towards minimum primary frontage coverage, unless otherwise stated in this article.
- i. **Limited Parking.** Limited side yard parking means one double or single loaded aisle, perpendicular to the street, maximum 65' in width as measured along the primary frontage lot line. Refer to Figure 40 for an illustration of limited side yard parking.
  - j. **Row Building Alley Access off Streets.** If no alley exists or is required per regulating plan, a private alley is required with access off a non-primary street. One access point is permitted off a non-primary street for every 175 feet of street frontage.

- k. **Visibility of Garage Doors.** Rowhouse, townhouse, or live-work units shall be configured so that garage doors are fully screened from the primary street by the building.

4. **Ground Story and Upper Stories, Minimum and Maximum Height.** (Refer to Figure 41. Measuring Stories with Floor-to-Floor Height).

I. **Definitions.**

- (1) **Story, Ground.** Also referred to as ground floor. The first floor of a building that is level to or elevated above the finished grade on the front and corner facades, excluding basements or cellars.
- (2) **Story, Half.** A story either in the base of the building, partially below grade and partially above grade ("basement"), or a story fully within the roof structure with transparency facing the street.
- (3) **Story, Upper.** Also referred to as upper floor. The floors located above the ground story of a building.
- (4) **Visible Basement.** A half story partially

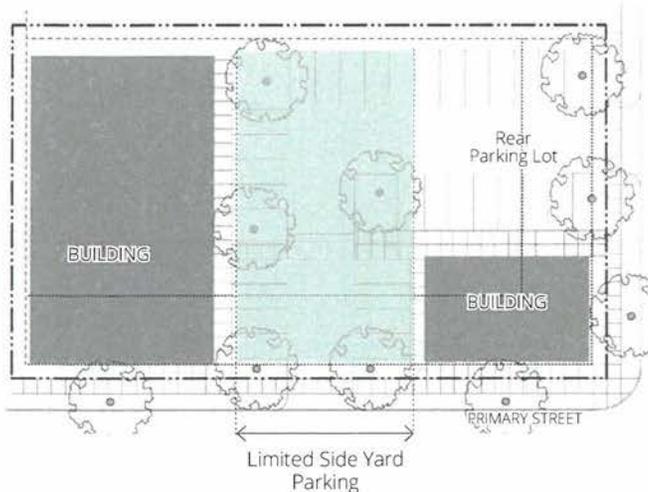


Figure 40. Illustration of Limited Side Yard Parking

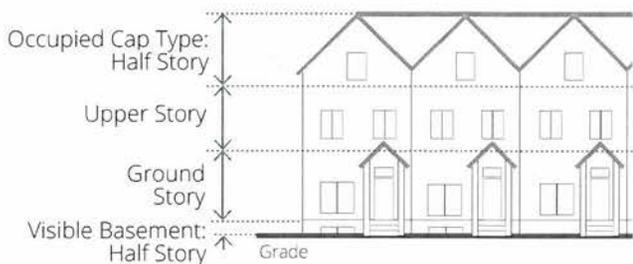
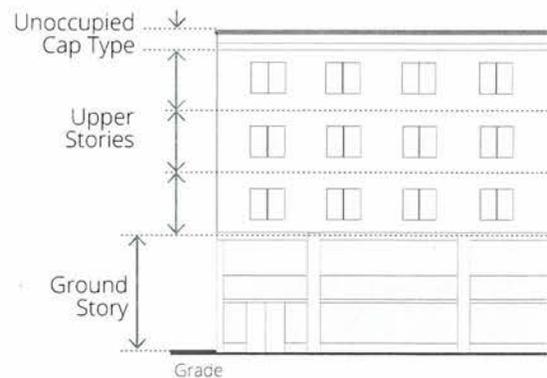


Figure 41. Measuring Stories with Floor-to-Floor Height

below grade and partially exposed above with required transparency on the street facade.

- m. **Minimum Overall Height.** Minimum heights require a minimum number of stories on the primary frontage facades of the building. The building must meet the minimum required height for the first 30 feet of occupied building space measured from the primary frontage facade into the building.
  - n. **Maximum Overall Height.** Maximum heights are specified in number of stories and apply to the entire building.
  - o. **Towers.** Where noted, towers may exceed the overall maximum height per Sec. 10-9C-2.G.
  - p. **Cap Type.** Where noted, certain cap types may allow additional height.
  - q. **Two Half Stories.** A building incorporating both a half story within the roof and a visible basement shall count the height of the two half stories as one full story.
5. **Minimum & Maximum Height per Story.** Each story is measured with a range of permitted floor-to-floor heights. Refer to Figure 41. Measuring Stories with Floor-to-Floor Height.
- r. **Measurement.** Floor height is measured in feet between the floor of a story to the floor of the story above it. Minimum and maximum floor-to-floor heights are required to be met on floors along all primary street facades. See 10-9C-7.B.6.d below for allowance for taller heights for such spaces as stairwells, mezzanines, and lobbies.
  - s. **Single Story Buildings & Top Floor Measurement.** For single story buildings and the uppermost story of a multiple story building, floor-to-floor height shall be one foot less than noted per building type and measured from the floor of the story to the ceiling, i.e. if the permitted floor-to-floor heights of an upper story range between 9 feet to 14 feet, the range for a single story or the topmost story of the building is 8 feet to 13 feet.
  - t. **Mezzanines.** Mezzanines may be included within the floor-to-floor height of any story, included in the calculation of stories. Mezzanines occupying more than 30 percent of the floor area below and extending above the story's allowable floor-to-floor height shall count as an additional story, including articulation of the story per Sec. 10-9C-4.L.

- u. **Taller Spaces.** Spaces exceeding the allowable floor-to-floor heights of the building are not permitted on primary frontage facades. These spaces are unlimited on interior facades and non-primary frontage facades, but shall be counted as the number of stories that would fit within their height.
6. **Minimum Required Transparency.** Per the requirements of each subarea, a minimum amount of transparency is required on designated facades.
- v. **Degree of Transparency.** Highly transparent, low reflectance windows means a minimum of 50 percent transmittance factor and a reflectance factor of not greater than 0.25.
  - w. **Measurement.** Minimum facade transparency is measured from floor-to-floor of each story

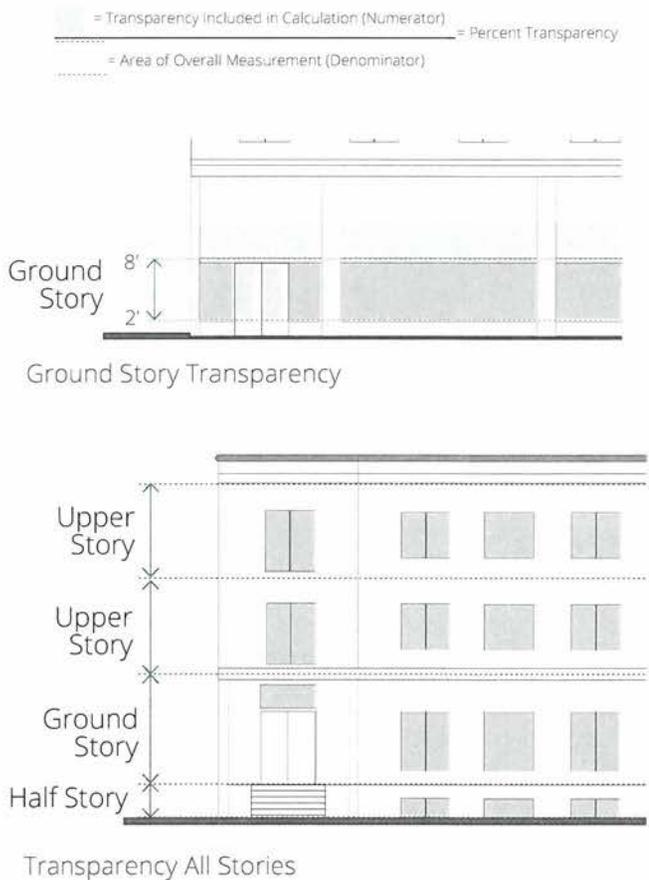


Figure 42. Measuring Minimum Facade Transparency

separately. Refer to Figure 42. Measuring Minimum Facade Transparency. Transparency includes windows and any glass in doors that is highly transparent with low reflectance. The measurement may include the frame, mullions, and muntins, but shall not include trim or casing.

- x. **Blank Wall Segments.** Each subarea designates facades where blank wall limitations apply. Blank wall limitations means no rectangular area measuring more than a 15-foot wide section, measured horizontally, and no more than 30 percent of any story shall be without transparency.
  - y. **Exception.** When a facade of any story is located within 3 feet of an adjacent parallel building facade, no minimum transparency is required for that story.
  - z. **Minimum Ground Story Transparency.** When required separately by the building regulations, ground story transparency shall be measured between 2 and 8 feet from the average grade at the base of the facade. Minimum ground story transparency supersedes the overall minimum transparency required for the building type.
  - aa. **Tall Stories.** Stories that are 18 feet or taller in height shall be counted as 2 stories for the purpose of calculating minimum facade transparency, with each horizontal half of the story calculated separately.
  - ab. **Half Stories.** All half stories located within a roof structure or visible basements are required to meet the minimum transparency.
7. **Minimum Number of Required Entrances.** Entrances shall be provided consistent with the entrance location and number requirements established in the building regulations and consistent with Figure 43. Number of Required Entrances.

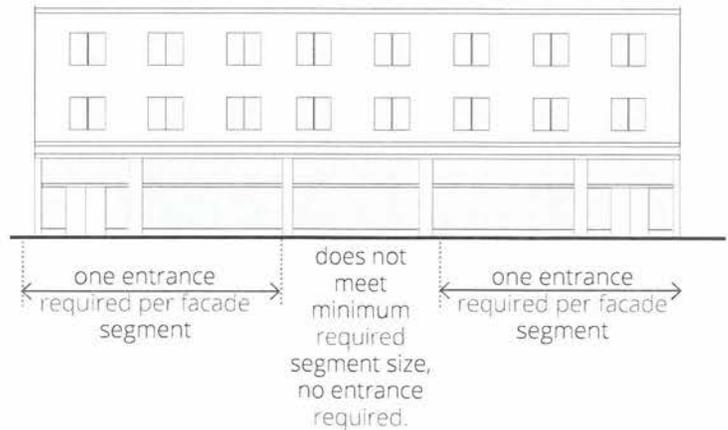


Figure 43. Number of Required Entrances





# Agenda Item Executive Summary

Item Name      A Resolution Adopting the Update of the  
Cook County Multi-Jurisdictional Hazard  
Mitigation Plan      Committee  
or Board      Board

## BUDGET IMPACT

Amount:	N/A	Budgeted	N/A
List what fund	N/A		

## EXECUTIVE SUMMARY

Attached is Police Department Memorandum 19-65 which provides information for adopting the 2019 Cook County Multi-Jurisdictional Hazard Mitigation Plan.

In July 2019, the Village of Bartlett began working with Cook County Department of Homeland Security and Emergency Management (DHSEM) to update the 2019 Cook County Hazard Mitigation Plan. Bartlett and 121 other jurisdictions participated in the update. A total of 367 new mitigation projects in the 2019 update were identified by Cook County. For reference, a mitigation act includes any sustained action taken to reduce or eliminate long-term risk to life and property from a hazard event.

The Illinois Emergency Management Agency (IEMA) and the Federal Emergency Management Agency (FEMA) approved the plan on September 26, 2019. Cook County DHSEM has asked the Village of Bartlett, along with the other participating municipalities, to adopt the base plan referred to as Volume I and the Village of Bartlett Annex along with the Cook County Countywide Mitigation Actions referred to as Volume II.

Cook County DHSEM has requested the Village of Bartlett adopt the 2019 plan for the following reasons:

- Protect human life, and prevent damage or loss of property
- Promote inter-agency coordination and response
- Increase public awareness about hazards
- Increase preparedness within the community

After the Village of Bartlett adopts the 2019 plan, we will have opportunities to pursue grant funding. Funds are only available if the Village of Bartlett is part of a FEMA-approved mitigation plan that has been formally adopted by Cook County.

MOTION: I move to approve Resolution 2019-\_\_\_\_\_ a resolution adopting the update of the Cook County Multi-Jurisdictional Hazard Mitigation Plan in its entirety.

## ATTACHMENTS (PLEASE LIST)

Executive Summary

Police Department Memorandum 19-65

Resolution

Cook County Multi-Jurisdictional Hazard Mitigation Plan link: <https://www.cookcountyhomelandsecurity.org/2019-volume-1>

## ACTION REQUESTED

- For Discussion Only
- Resolution
- Ordinance
- Motion

Staff:

Michael McGuigan, Patrol Commander

Date:

November 4, 2019

**POLICE DEPARTMENT MEMORANDUM**  
**19-65**

**DATE:** November, 2019  
**TO:** Paula Schumacher, Village Administrator  
**FROM:** Michael McGuigan, Patrol Commander, BEMA Coordinator  
**RE:** Cook County Hazard Mitigation Plan

In July 2019, the Village of Bartlett began working with the Cook County Department of Homeland Security and Emergency Management (DHSEM) to update the 2019 Cook County Hazard Mitigation Plan. The Village of Bartlett and 121 other jurisdictions participated in the 2019 update. A total of 367 new mitigation projects in the 2019 update were identified by Cook County. For reference, a mitigation act includes any sustained action taken to reduce or eliminate long-term risk to life and property from a hazard event.

The Illinois Emergency Management Agency (IEMA) and the Federal Emergency Management Agency (FEMA) approved the plan on September 26, 2019. Cook County DHSEM has asked the Village of Bartlett, along with the other participating municipalities, to adopt the base plan referred to as Volume I and the Village of Bartlett Annex along with the Cook County Countywide Mitigation Actions referred to as Volume II.

Cook County DHSEM has requested the Village of Bartlett adopt the 2019 plan for the following reasons:

- Protect human life, and prevent damage or loss of property*
- Promote inter-agency coordination and response*
- Increase public awareness about hazards*
- Increase preparedness within the community*

After the Village of Bartlett adopts the 2019 Plan, we will have opportunities to pursue grant funding. Funds are only available if Village of Bartlett is part of a FEMA-approved mitigation plan that has been formally adopted by Cook County.

If the plan is adopted the Village of Bartlett will be responsible for the following items:

- Working with the Cook County Department of Homeland Security and Emergency Management*
- Documenting hazard incidents into the plan*
- Updating our jurisdiction profile with demographic and contact information*
- Creating New Mitigation Actions for our community*
- Sending a copy of the approved resolution to DHSEM*
- Ensuring completion of the Annual Report yearly through 2024*
- Continuing our partnership with Cook County by participating in the Hazard Mitigation Program*
- Participating again in 2024*

**MOTION:** I move to approve Resolution 19- , a resolution adopting the update of the 2019 Cook County Multi-Jurisdictional Hazard Mitigation Plan in its entirety.

**Cook County Multi-Jurisdictional Hazard Mitigation Plan link:**

<https://www.cookcountyhomelandsecurity.org/2019-volume-1>

**RESOLUTION 2019-\_\_\_\_\_**

**A RESOLUTION ADOPTING THE UPDATE OF THE COOK COUNTY  
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN**

**WHEREAS**, the Village of Bartlett recognizes the threat that natural hazards pose to people and property within our community; and

**WHEREAS**, the Village of Bartlett is an Illinois municipal corporation of Cook, DuPage and Kane Counties, Illinois; and

**WHEREAS**, the Village of Bartlett recognizes the importance of reducing or eliminating vulnerability to disasters caused by natural hazards for the overall good and welfare of the community, and

**WHEREAS**, on October 10, 2000, the U.S. Congress passed the Disaster Mitigation Act of 2000 ("Act") which provides the legal framework for the Federal Emergency Management Agency ("FEMA") mitigation, planning requirements for state, local, and tribal governments as a condition of mitigation grant assistance emphasizing the need for pre-disaster mitigation of potential hazards; and

**WHEREAS**, as a condition of future funding for mitigation projects, the Act requires jurisdictions to prepare and adopt a hazard mitigation plan to identify and address certain vulnerabilities that exist prior to and during a disaster; and

**WHEREAS**, FEMA supports post-disaster grant funding through the Hazard Mitigation Plan Grant program, which has as a condition of funding eligibility, a requirement for jurisdictions to prepare and adopt a hazard mitigation plan; and

**WHEREAS**, to maintain continued eligibility for FEMA mitigation grant assistance programs the Act requires a hazard mitigation plan be updated every five years; and

**WHEREAS**, in accordance with the Act's requirements, 121 Cook County jurisdictions engaged in the FEMA-prescribed mitigation planning process to prepare the 2019 Plan and its associated local hazard mitigation plan annexes; and

**WHEREAS**, the 2019 Cook County Multi-Jurisdictional Hazard Mitigation Plan has been adopted by the Illinois Emergency Management Agency and Federal Emergency Management Agency, Region V; and

**NOW, THEREFORE, BE IT RESOLVED**, by the President and Board of Trustees of the Village of Bartlett, Cook, DuPage and Kane Counties, Illinois, as follows:

**SECTION ONE:** The Village of Bartlett hereby accepts, approves and adopts in its entirety, the Cook County Multi-Jurisdictional Hazard Mitigation Plan Volume 1-Planning-Area-Wide Elements dated July 2019 (the "2019 CCM-JHM Plan") which is expressly incorporated herein by this reference and which is available to be viewed using the following worldwide web link: <https://www.cookcountyhomelandsecurity.org/2019-volume-1>.

**SECTION TWO:** The Village of Bartlett hereby accepts, approves and adopts the Countywide Mitigation Actions in Volume 2-Municipal Annexes of the 2019 CCM-JHM Plan, including the Bartlett Jurisdictional Annex to Volume 2-Municipal Annexes of the 2019 Cook County Multi-Jurisdictional Hazard Mitigation Plan which are expressly incorporated herein by this reference, and which will be available to be viewed using the following worldwide web link: <https://www.cookcountyhomelandsecurity.org/2019-volume-2-annexes> after the passage and approval of this Resolution by the Village President and Board of Trustees of the Village of Bartlett (the "Bartlett Corporate Authorities") and the filing of a certified copy hereof by the Village Clerk with the Cook County Department of Homeland Security and Emergency Management.

**SECTION THREE:** The Village Clerk is hereby directed forthwith to file a certified copy of this Resolution with the Cook County Department of Homeland Security and Emergency Management, and the Village of Bartlett will continue to participate in the updating and revision of the 2019 CCM-JHM Plan with another plan review and revision to occur within a five year cycle, and will direct designated staff to provide annual progress reports on the status of implementation of the 2019 CCM-JHM Plan to the Bartlett Corporate Authorities.

**SECTION FOUR: SEVERABILITY.** The various provisions of this Resolution are to be considered as severable, and of any part or portion of this Resolution shall be held invalid by any Court of competent jurisdiction, such decision shall not affect the validity of the remaining provisions of this Resolution.

**SECTION FOUR: REPEAL OF PRIOR RESOLUTIONS.** All prior Ordinances and Resolutions in conflict or inconsistent herewith are hereby expressly repealed only to the extent of such conflict or inconsistency.

**SECTION FIVE: EFFECTIVE DATE.** This Resolution shall be in full force and effect upon passage and approval.

ROLL CALL VOTE:

AYES:

NAYS:

ABSENT:

PASSED:

APPROVED:

ATTEST:

\_\_\_\_\_  
Kevin Wallace, Village President

\_\_\_\_\_  
Lorna Giles, Village Clerk

CERTIFICATION

I, the undersigned, do hereby certify that I am the Village Clerk of the Village of Bartlett, Cook, DuPage and Kane Counties, Illinois, and that the foregoing is a true, complete and exact copy of Resolution 2019 - \_\_\_\_\_ enacted on \_\_\_\_\_, 2019, and approved on \_\_\_\_\_, 2019, as the same appears from the official records of the Village of Bartlett.

\_\_\_\_\_  
Lorna Giless, Village Clerk