

WILMETTE PARK DISTRICT Special Meeting of the Board of Park Commissioners

Monday, August 19, 2019 7:30 p.m. - Village Hall Council Chambers

AGENDA

- I. Meeting Called to Order
- II. Communications and Correspondence
- III. Recognition of Visitors
- IV. New Business
 - A. Consideration of Resolution 2019-R-9 Approving the Terms and Authorizing the Execution of a Memorandum of Understanding Between Wilmette Park District and Village of Wilmette for the Construction, Operation, and Maintenance of Stormwater Improvements on Certain Park District Owned Properties
- V. Adjournment

Wilmette Park District Policy for Public Comment

The Board of Park Commissioners, in its regular or special meetings, is a deliberative body assembled to make decisions on new and pending matters affecting the District. Park Board and Committee meetings are meetings held in public, not a public meeting. The Board invites both oral and written communications from its residents.

To facilitate the conduct of Board/Committee meetings, the following procedures will be followed:

- 1. A section of each regular meeting is set aside for public comment and will be noted on the agenda as "Recognition of Visitors."
- 2. During the "Recognition of Visitors" agenda item, audience members should raise their hands and be recognized by the President/Chairperson prior to speaking.
- 3. When recognized by the President/Chairperson, each audience member should identify themselves and limit speaking to no more than three (3) minutes, unless additional time is granted by the President/Chairperson.
- 4. Questions are to be directed to the entire Board/Committee.
- 5. Park Board members may, by addressing the President/Chairperson, interrupt a presenter to obtain clarification and/or further information.
- 6. A Board/Committee meeting is not a forum for complaints against individual employees. Such matters are handled by directly contacting the Executive Director. Complaints against the Executive Director should be handled by directly contacting the President of the Board of Park Commissioners.
- 7. During presentation and discussion of agenda items, the President/Chairperson will not recognize speakers in the audience unless the Board/Committee desires additional information from an audience member.
- 8. When addressing the Board/Committee, all persons permitted to speak shall confine their remarks to the matter at hand and avoid personal remarks, the impugning of motives, and merely contentious statements. If any person indulges in such remarks or otherwise engages in conduct injurious to the civil discourse of the Board/Committee and the meeting, the President/Chairperson may immediately terminate the opportunity to speak. This decision is at the discretion of the President/Chairperson or upon the affirmative vote of two-thirds (2/3) of the park board commissioners present.
- Any person, except a member of the Board, who engages in disorderly conduct during a meeting, may be ejected from the meeting upon motion passed by a majority of the Board present.



ACTION LIST

August 19, 2019 – Special Meeting Board of Park Commissioners

Agenda No.	ACTION
I.	Regular Meeting of the Board of Park Commissioners called to order
IV.(A).	Move to approve Resolution 2019-R-9 Approving the Terms and Authorizing the Execution of a Memorandum of Understanding Between Wilmette Park District and Village of Wilmette for the Construction, Operation, and Maintenance of Stormwater Improvements on Certain Park District Owned Properties
V.	Move to adjourn Regular Board Meeting.

Libby Baker

From: Stephen Wilson

Sent: Friday, August 16, 2019 1:08 PM

To: Libby Baker

Subject: FW: [external] Community Playfield

Steve Wilson
Executive Director
Wilmette Park District
847-256-9617
swilson@wilpark.org

From: Amy Wolfe <awolfe@wilpark.org>
Sent: Friday, August 16, 2019 1:02 PM
To: Stephen Wilson <swilson@wilpark.org>
Subject: Fwd: [external] Community Playfield

Begin forwarded message:

From: "JSolomon@foley.com" <JSolomon@foley.com>

Subject: [external] Community Playfield Date: August 16, 2019 at 9:43:55 AM CDT

To: "awolfe@wilpark.org" <awolfe@wilpark.org>

Dear Amy,

My wife and I are long-time residents of 2349 Meadow Drive N. We have heard that the Park Board is considering cutting down the trees in the park in order to create the possibility of more soccer and other playfields. It is my strong opinion that this would be a very unfortunate decision. The trees create a sense of balance and beauty for the park. Removing the trees would result in the beautiful park being transformed into one giant field. To my knowledge, there is no shortage of children's play fields in a very large park area. In my view removing the trees that have stood for decades would be a shocking and very poor decision.

Joel

Joel Solomon

Foley & Lardner LLP 321 North Clark Street Chicago, IL 60654-5313 P 312.832.4902 C 312.622.2487 View My Bio Visit Foley.com



The information contained in this message, including but not limited to any attachments, may be confidential or protected by the attorney-client or work-product privileges. It is not intended for transmission to, or receipt by, any unauthorized persons. If you have received this message in error, please (i) do not read it, (ii) reply to the sender that you received the message in error, and (iii) erase or destroy the message and any attachments or copies. Any disclosure, copying, distribution or reliance on the contents of this message or its attachments is strictly prohibited, and may be unlawful. Unintended transmission does not constitute waiver of the attorney-client privilege or any other privilege. Legal advice contained in the preceding message is solely for the benefit of the Foley & Lardner LLP client(s) represented by the Firm in the particular matter that is the subject of this message, and may not be relied upon by any other party. Unless expressly stated otherwise, nothing contained in this message should be construed as a digital or electronic signature, nor is it intended to reflect an intention to make an agreement by electronic means.

From:

Amy Wolfe

Sent:

Friday, August 16, 2019 11:45 AM

To:

Stephen Wilson

Subject:

Fwd: [external] Community Playfields

Begin forwarded message:

From: Max Schanzenbach <mmschanz@gmail.com>

Subject: [external] Community Playfields Date: August 15, 2019 at 2:28:27 PM CDT

To: "awolfe@wilpark.org" <awolfe@wilpark.org", "babbott@wilpark.org" <babbott@wilpark.org", "cclarke@wilpark.org", "cclarke@wilpark.org",

"ganderson@wilpark.org" <ganderson@wilpark.org>, "jgoebel@wilpark.org"

<igoebel@wilpark.org>, "mmurdock@wilpark.org" <mmurdock@wilpark.org>,

"tshissler@wilpark.org" <tshissler@wilpark.org>

To whom it may concern:

I understand that the issue of refurbishing the Community Playfields has run into some significant controversy due to plans to remove a grove of cottonwood trees as a necessary part of the work.

I rarely write letters to public officials, but I wanted to add my voice to the side in favor of the proposal to reduce flooding on the Playfields currently before the Park District Board.

As a parent who has spent much time there, often standing in water, I can attest that the Community Playfields are frequently unusable or unsafe for play due to flooding. There are no good substitutes for the Playfields in our Village. Fixing the drainage issues would create a more usable space for our children. I suspect that the fix proposed, which is part of a comprehensive plan, represents our only chance to address this issue.

I understand people's attachment to the cottonwood trees. They really are beautiful. And maybe I would feel differently about the issue if these were oaks or maples. But cottonwood trees are fast growing, weak trees. And these large cottonwoods are close to the end of their useful life, as I believe has been confirmed by the village's arborist. To condemn the Community Playfields to remain a swamp every spring and fall to save a grove of cottonwood trees in this instance does not make sense.

Sincerely,

Max Schanzenbach, Wilmette

--

Max Schanzenbach Seigle Family Professor of Law Northwestern Pritzker School of Law (312) 503-4425

From:

Amy Wolfe

Sent:

Friday, August 16, 2019 9:29 AM

To:

Stephen Wilson

Subject:

Fwd: [external] Community Playfield

Begin forwarded message:

From: Margo Turner < turner.margo@usa.net>
Subject: [external] Community Playfield
Date: August 14, 2019 at 10:53:52 PM CDT
To: "awolfe@wilpark.org" < awolfe@wilpark.org>

Mrs. Wolfe,

I have lived on Locust Road, across from Community Playfield, for sixty years. I have witnessed the park district remove groves of trees since purchasing the Anderson farm. I have seen the garage erected, blacktop driveways installed, AT&T planting their equipment on public land, which all took away green space. The citizens have tried to stop this destruction. Sometimes we win, such as stopping the proposals to install an amphitheater and lights, and cut the trees near the Junior High for the skateboard park.

I attended the meeting where the consulting firm presented the alternate plans. After hearing the proposals, I did not think that a letter would be needed since the alternative plans were so much more advantageous than the first plan. It came as a shock to learn that 5 of the trustees voted to remove the trees and spend an additional one million dollars. This is 2019 in which each season has provided a small taste of what is ahead for us if we don't do the right thing.

Think of the children's future. Please listen to what the scientist are saying when they advise that we have 12 years to save our planet. The 32 mature, native trees provide services that replacement saplings will not be able to equal for a minimum of ten years. Two more playfields are not what children need. A home, security, and freedom from violent weather are necessities for their future. More trees will help provide that.

I request that you reevaluate the plans and vote to accept the plan to save all the trees. The children will thank you.

Margo H Turner 725 Locust Road Wilmette

From: Gordon Anderson

Sent: Thursday, August 15, 2019 9:09 PM

To: Stephen Wilson

Subject: Fwd: [external] Community Playfield

Steve

Just in case you didn't get a copy yet.

Gordon

Begin forwarded message:

From: Margo Turner < turner.margo@usa.net > Date: August 14, 2019 at 11:31:15 PM CDT

To: "ganderson@wilpark.org" <ganderson@wilpark.org>

Subject: [external] Community Playfield

Mr. Anderson,

I have lived on Locust Road, across from Community Playfield, for sixty years. I have witnessed the park district remove groves of trees since purchasing the Anderson farm. I have seen the garage erected, blacktop driveways installed, AT&T planting their equipment on public land, which all took away green space. The citizens have tried to stop this destruction. Sometimes we win, such as stopping the proposals to install an amphitheater and lights, and cut the trees near the Junior High for the skateboard park.

I attended the meeting where the consulting firm presented the alternate plans. After hearing the proposals, I did not think that a letter would be needed since the alternative plans were so much more advantageous than the first plan. It came as a shock to learn that 5 of the trustees voted to remove the trees and spend an additional one million dollars. This is 2019 in which each season has provided a small taste of what is ahead for us if we don't do the right thing.

Think of the children's future. Please listen to what the scientist are saying when they advise that we have 12 years to save our planet. The 32 mature, native trees provide services that replacement saplings will not be able to equal for a minimum of ten years. Two more playfields are not what children need. A home, security, and freedom from violent weather are necessities for their future. More trees will help provide that.

I request that you reevaluate the plans and vote to accept the plan to save all the trees. The children will thank you.

Mr. Anderson, I appreciate your thoughtful vote on Community Playfield water retention issue. I hope that you will continue to vote the same at the next park district board meeting. I wanted you to see the letter that I sent to all those who voted for destruction of 32 native, mature trees. Best Wishes to Your Family,

Margo H Turner

725 Locust Road Wilmette

From:

Amy Wolfe

Sent:

Wednesday, August 14, 2019 1:47 PM

To:

Stephen Wilson

Subject:

Fwd: [external] Community Playfield Water Storage Project

Begin forwarded message:

From: vaughn leath < vcleath@hotmail.com>

Subject: [external] Community Playfield Water Storage Project

Date: August 14, 2019 at 1:40:46 PM CDT

To: "awolfe@wilpark.org" <awolfe@wilpark.org>

Sent from Windows Mail Dear Ms. Wolfe

First I want to thank you for serving the community as Park Board President. I know it is a very demanding position that takes a great deal of your time. I hope there is satisfaction in a job well done.

Thank you for listening to all of the public comments last Monday evening. I sincerely hope that the Board listens to the people regarding the Community Playfield Water Storage Project. In Tree City, USA, cutting down beautiful mature trees should never be considered except in the case of extreme emergency. This is not an extreme emergency, or even an emergency. This is a project that has alternate solutions, at least one of which will save these decades old Cottenwoods, and also help with flood control.

I urge you to listen to the citizens of Wilmette and save the beautiful Cottenwook grove at Community Playfield.

Sincerely,

Vaughn C Leath 2029 Highland Ave Wilmette

From: Sent:

To:

Rick Prohov <rprohov@paalaw.com> Tuesday, August 13, 2019 6:31 PM

Mike Murdock; Amy Wolfe; Gordon Anderson; Bryan Abbott; Cecilia Clarke; Julia Goebel; Todd Shissler; Herbert H. Engelhard; praj.shah@creospan.com; Bielinski, Bob; Martha Hellander; Faye Jacobs; E. Engelhard; derekcasteel@gmail.com; Julia Grosh; Jim Grosh; Debarah; geodal @gold.com; Berger, Brigitte; Staphan Wilson;

Deborah; csadel1@aol.com; Berger, Brigitte; Stephen Wilson;

joelforwilmette@gmail.com; barrowp@wilmette.com; doddk@wilmette.com;

kennedyg@wilmette.com; Berger, Brigitte; csadel1@aol.com; Bielinski, Bob; Frenzer, Tim;

Stephen Wilson; hengelhard@sbcglobal.net; derekcasteel@gmail.com;

araeee@gmail.com; ardez01@aol.com; SaucedoA@mwrd.org;

gina.b.kennedy@comcast.net; rebecca.j.boyd@gmail.com; joelforwilmette@gmail.com; Bryan Abbott; Gordon Anderson; Cecilia Clarke; igoebel@wilpark.org; Mike Murdock; Todd Shissler; Amy Wolfe; schmick.mary8@gmail.com; marlenetbrill@comcast.net;

mhellander1@comcast.net; saimaabbasi21@yahoo.com;

gogreenwilmetteinfo@gmail.com; Herb Engelhard; Aravinda Reddy; Richard Pinner; bielinskib@wilmette.com; BrijPrajAR Shah; A. Fogel; Amy Wolfe; Michael Braiman; Brigitte Berger; Bob Bielinski; Gordon Anderson; Margaret Martin-Heaton; eric@wilmettebeacon.com; Alexa.burnell@gmail.com; hengelhard@sbcglobal.net; Laura Prohov; E. Engelhard; Martha Hellander; Erin Engelhard; csadel1@aol.com; Martha Hellander; Michelle Lyons; Bob Lynch; Richard Pinner; Pianoeb; Faye Jacobs; Derek Casteel; Kristen Casteel; BrijPrajAR Shah; Brij Shah; A. Fogel; Aravinda Reddy; Caryn Summer; Peter Baugher; Ted Prohov; MRothstein@TDRLAWFIRM.com; Fatum, Stephen; Van Economou; Michael Prohov; Jonathan Prohov; lea.prohov@gmail.com; Robert Besser; Norm Winer; Wendy Rice; Mike Italiano; Rita Fromholt; kurzmanj@wilmette.com; plunketts@wilmette.com; bielinskib@wilmette.com; eric@wilmettebeacon.com; Ted Prohov; Van Economou; Robert Besser; Kristen Casteel; sviktora@comcast.net; Laura

Prohov; Bruce Elder; Lawrence M. Friedman < | Ifriedman@barnesrichardson.com > (| Ifriedman@barnesrichardson.com); Fatum, Stephen; 'barbara.greenspan@illinois.gov';

 $rrosenthal @pclient.ml.com; \ MRothstein @TDRLAWFIRM.com$

Subject: [external] NOW 507 WILMETTE SUPPORTERS | 953 Total Supporters

To the Members of the Park and Village Boards and Friends of the Highcrest Grove everywhere -

We expect our local leadership to work together to officially abandon additional development of Locust Park lands solely for maximizing its utility for sports recreation. We need to move forward together towards a far more effective and efficiently diverse use of this small rare gem of cherished earth.

The Park Board needs to rebalance its policy for use to incorporate far more natural restoration and preservation efforts as a true park that includes greater carbon sequestration. It must adapt to achieve a better balance for the purposes of the entire community at large. We should not be cutting trees. We should be identifying where more native trees and shrubs can be planted without interfering with the current playing surfaces as they now already exist there.

If the land is to become used for municipal resilient storm water infrastructure, it will be because the Village requires it as the only land resource available for a new and broader municipal use for the welfare of residents well beyond its perimeter.

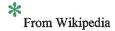
We need to acknowledge that the park should also now service the schools for far more than physical education and special events. This parkland should also serve as a resource for new related education programs for their environmental science curriculum with the exploration of experiments in solar and wind energy. Perhaps our public library board should provide assistance and consider grants for those studies from its healthy financial reserves.

How can the Park Board continue to pursue contradictory actions in this park between our middle and junior high schools in a manner that will accelerate CO2 levels in the atmosphere rather than join those who would help mitigate and adapt as best we can now against the rising risks from climate change? It is climate change that is causing greater frequency and higher volume storm events for the Village.

We can no longer afford to have a local government that still lives within its bureaucratic silos. The name of the park should once again be renamed to reflect the times we are in and not the times of the past. Locust Park should no longer be known solely as a community playfield. I propose that it should be known as the Wilmette Common.*

Given our support from so many so quickly, it becomes apparent that these trees have become a symbolic rally point to discover a greater meaningful set of integrated uses for this common ground.

As more and more come citizens come forward to speak up after they first learn more about this matter, the more apparent it becomes that we all need to rethink how this land will best serve the general welfare of the next generations.



"The **commons** is the cultural and <u>natural</u> resources accessible to all members of a society, including natural materials such as air, water, and a habitable earth. These resources are held in common, not owned privately. Commons can also be understood as natural resources that groups of people (communities, user groups) manage for individual and collective benefit".

Stephen F. Illinois 15 minutes ago

Decision makers owe it to the residents to know the options before them and the pros and cons of each. All relevant factors should be considered including the values and desires of the people who live in the community.

Joseph F. Illinois 5 hours ago

Trees should not be cut down. Find a better solution

Lauren B. Illinois 6 hours ago

I went to Highcrest and loved those big fields. The trees are an important part of that.

Eileen B. Illinois 6 hours ago

I grew up in Wilmette and went to Highcrest and have so many memories of playing and hanging out in those trees. They really do provide a sense of peace and serenity.

Mary Jane T. Illinois a day ago

In 1957, we picked our lot to build our house because of these trees. Love them every day! It is wonderful to see all ages using the park - especially dog owners! Removal of these trees would be sinful. Do not kill natural beauty!

Friends of Highcrest Grove, Inc.

Rick

Fredric B. Prohov, J.D., CM&AA, LEED AP

Prohov & Associates, Ltd. 134 North LaSalle Street – Suite 2100 Chicago, Illinois 60602

Phone: (312) 807 - 3965 Cell Phone: (312) 925 - 5444

Email: rprohov@paalaw.com

www.paalaw.com

Confidentiality Notice:

This electronic mail message and any attached files contain information intended for the exclusive use of the individual or entity to whom it is addressed. Such message may contain information that is proprietary, privileged, confidential and/or exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any viewing, copying, disclosure or distribution of this information may be subject to legal restriction or sanction. Please notify sender, by electronic mail or telephone, of any unintended recipients and delete the original message without making copies.

Circular 230 Disclosures:

Pursuant to regulations Governing Practice before the Internal Revenue Service, any tax advice contained herein is not intended or written to be used and cannot be used by a taxpayer for the purpose of avoiding tax penalties that may be imposed upon the taxpayer.

From: Pinner, Richard < Richard.Pinner@ks-northamerica.com>

Sent: Tuesday, August 13, 2019 2:23 PM

To: Amy Wolfe; Gordon Anderson; Bryan Abbott; Mike Murdock; Cecilia Clarke; Julia Goebel;

Todd Shissler; Stephen Wilson

Cc: bielinskib@wilmette.com; BrijPrajAR Shah; Derek Casteel; Rick Prohov; Herb Engelhard;

bob lynch@sbcglobal.net; bergerb@wilmette.com; Braiman, Michael; R, L, S & F Pinner

Subject: [external] FW: Highcrest Storm Water Plan

Attachments: Village Board Presentation_REP.pdf

Importance: High

Dear Park Board (and Village Board in copy),

Having previously communicated with you, either by email or in person, I wanted to add further support to the continuing resentment you are receiving by potentially endorsing a plan that removes trees unnecessarily as well as appearing to support the additional financial burden that will be placed upon the residents of Wilmette, the county and state without just cause.

I was able to attend last night's meeting however with prior family commitments I had to leave early and before getting the chance to stand in front of you. This was due to the large number of people wanting to take the chance to have their views heard in public. Regretfully I am out of town next Monday and therefore I hereby send my further comments in writing for your consideration.

Having read much of the correspondence and prior board meeting minutes I start with the following passages:

- Commissioner Shissler commented that there is opportunity for more utility if more trees are removed.
 Commissioner Clarke added she would also like to have more utility and would like to see trees replanted. She asked if the school offered any feedback. Director Wilson replied that he has had informal conversations and the school would like to have more opportunity for usage.
- Director Wilson listed the pros and cons of the original plan. The main drawback is the loss of trees. The
 advantages would be the ability to meet the demand for more field space, flexibility for turf rotation and
 regeneration, and increased programming opportunities.
- Commissioner Clarke reiterated that it is a village park, not a neighborhood park and the possibility of additional space is favorable.

We are fortunate to back on to Locust Park, its original name, as well as to utilize some of the many programs offered in Wilmette. Both our daughters play soccer on Saturday and many friends' children play on Sunday. The last 2 seasons of soccer have been under subscribed to the extent that many teams, across all age groups in Saturday's and Sunday's leagues, have had to play the same opponents 2 or 3 times.

I am also fortunate enough to work from home occasionally and at no point during term time, when both neighboring schools are utilizing field space throughout the day, does this park appear cramped for space. Even when the end of year sports / activity takes place for the complete school attendance there is an abundance of useable area untouched. I therefore put it to you that your comments to date are not based on fact or any growth / financial plan that benefits the community but more the ability to take an opportunity that has no cost to you or the schools. I liken your position to an analogy of being offered \$100, no strings, free of charge... why wouldn't you take it. "Nothing in life is for free"! I, and clearly many others, do not feel you are using your responsibility as elected members to consider everyone within your community, or future generations, in this decision. I feel your effort and support should be given to the programs that are oversubscribed, by both residents and those farther afield, as future revenue generators.

What concerns me further is that you are about to make a decision without clearly defined criteria for the drainage improvement (remember this project is removing existing water retaining trees and soil to hold 6M gallons of water from another location!) and reinstatement of the park if this project is to proceed. From everything I've seen the village plan does not offer any concrete (other than 6M gallons worth!) outline or definition to manage these items. It has been asked to be clarified but merely answered that "these things have been taken into account". If that were the case there

should be a drainage improvement plan and reinstatement plan available now rather than when / if the project goes ahead, runs over budget and then the residents suffer more with higher bills and taxes.

Concerns have been raised to the Village Board about the lack of environmental study that has been undertaken. About the age, location and scale of soil core samples that have been taken across the park and used for certain assumptions. It has been highlighted that such a project will not only disturb the existing, natural and ancient underground flow of water (which I believe has not been studied) it will unearth potential problems which could significantly increase cost and time burdens, a typical construction caveat. It has also been muted that at one point in time Locust Park was used as a landfill site or dump. What justice are you doing the children and other users of the park were this project to expose unsafe waste such as glass or chemicals?

It is the Village Board that must take ultimate responsibility of the project, its costs and negative impacts. It is the Village Board that is responsible for finding the right solution and balance between moving a flood problem from one area to another. However, you have been given a responsibility to choose a plan, or reject them all, for the betterment of the community as a whole. You also have a responsibility, as elected members, to listen to your community. You must justify the decisions you make on our behalf and in this case prove how endorsing the destruction of trees for more useable space, at more expense, is of greater benefit to the community and all our futures than finding the right alternative.

I feel for those that suffer flooding issues following heavy rain, and we have friends in this position, but I cannot endorse a ~\$60M project (a cost of ~\$270,000 per vulnerable structure) which adds financial burden to our community as a whole. A burden on top of underfunded pension liabilities (~\$56M) for our villages safety employees which we as Wilmette residents are already liable for. These pensions were apparently overfunded when our now college students were just born!

Kind regards, **Richard & Lorna Pinner** Cell +1 (312) 859-6497

From: Pinner, Richard

Sent: Tuesday, April 9, 2019 9:42 AM

Subject: Highcrest Storm Water Plan

Dear Park Board Members,

I understand that there are areas that need help to alleviate storm water problems but I am disturbed by 2 elements of the Highcrest storm water plan...

1st is the unnecessary removal and destruction of the cottonwoods, which in their own right are amazing utilizers of excess water as well as CO2 recycling. Not to mention the natural shading and habitat for our children and village to enjoy. Trees of this size and benefit to the immediate and general environment take many many years to grow so just planting a few new ones, although it sounds like there's no real green plan, will not replace what would be lost. This doesn't even touch on the impact to the wildlife that flourish in these trees.

2nd is the displacement of natural water retaining soil with solid structures designed to hold water from other areas! Every Sq Ft of soil as a tank is a Sq Ft of natural water retaining soil removed from that area for natural drainage. As the Highcrest field has drainage issues already, how can you justify placing impermeable structures to hold water from surrounding neighborhoods with, what appears to be, total disregard for the immediate area.

There are some excellent examples in the region where reservoirs have been placed under playing fields or pitches without the need to remove our natural habitat. Even car parks have been suggested which make more sense than this plan.

This has to be reconsidered...

Kind regards,
Richard Pinner

To:

From: Rick Prohov <rprohov@paalaw.com>
Sent: Tuesday, August 13, 2019 12:14 PM

Mike Murdock; Amy Wolfe; Gordon Anderson; Bryan Abbott; Cecilia Clarke; Julia Goebel; Todd Shissler; Herbert H. Engelhard; praj.shah@creospan.com; Bielinski, Bob; Martha Hellander; Faye Jacobs; E. Engelhard; derekcasteel@gmail.com; Julia Grosh; Jim Grosh;

Deborah; csadel1@aol.com; Berger, Brigitte; Stephen Wilson;

joelforwilmette@gmail.com; barrowp@wilmette.com; doddk@wilmette.com;

kennedyg@wilmette.com; Berger, Brigitte; csadel1@aol.com; Bielinski, Bob; Frenzer, Tim;

Stephen Wilson; hengelhard@sbcglobal.net; derekcasteel@gmail.com;

araeee@gmail.com; ardez01@aol.com; SaucedoA@mwrd.org;

gina.b.kennedy@comcast.net; rebecca.j.boyd@gmail.com; joelforwilmette@gmail.com; Bryan Abbott; Gordon Anderson; Cecilia Clarke; igoebel@wilpark.org; Mike Murdock; Todd Shissler; Amy Wolfe; schmick.mary8@gmail.com; marlenetbrill@comcast.net;

mhellander1@comcast.net; saimaabbasi21@yahoo.com;

gogreenwilmetteinfo@gmail.com; Herb Engelhard; Aravinda Reddy; Richard Pinner; bielinskib@wilmette.com; BrijPrajAR Shah; A. Fogel; Amy Wolfe; Michael Braiman;

Brigitte Berger; Bob Bielinski; Gordon Anderson; Margaret Martin-Heaton;

eric@wilmettebeacon.com; Alexa.burnell@gmail.com; hengelhard@sbcglobal.net; Laura Prohov; E. Engelhard; Martha Hellander; Erin Engelhard; csadel1@aol.com; Martha Hellander; Michelle Lyons; Bob Lynch; Richard Pinner; Pianoeb; Faye Jacobs; Derek Casteel; Kristen Casteel; BrijPrajAR Shah; Brij Shah; A. Fogel; Aravinda Reddy; Caryn Summer; Peter Baugher; Ted Prohov; MRothstein@TDRLAWFIRM.com; Fatum, Stephen; Van Economou; Michael Prohov; Jonathan Prohov; lea.prohov@gmail.com; Robert

Besser; Norm Winer; Wendy Rice; Mike Italiano; Rita Fromholt; kurzmanj@wilmette.com; plunketts@wilmette.com; bielinskib@wilmette.com; eric@wilmettebeacon.com; Ted Prohov; Van Economou; Robert Besser; Kristen Casteel; sviktora@comcast.net; Laura Prohov; Bruce Elder; Lawrence M. Friedman kristen Casteel; sviktora@comcast.net; Laura Prohov; Bruce Elder; Lawrence M. Friedman kristen Casteel; sviktora@comcast.net; Laura Prohov; Bruce Elder; Lawrence M. Friedman@barnesrichardson.com> (Ifriedman@barnesrichardson.com); Fatum, Stephen; 'barbara.greenspan@illinois.gov';

rrosenthal@pclient.ml.com; MRothstein@TDRLAWFIRM.com

[external] JUST HIT AN EVEN 500 WILMETTE SUPPORTERS WHO SAY NO TO CUTTING

DOWN TREES!

To Friends of Highcrest Grove -

Subject:

We are still adding about 10 new signatures each day and just hit a total of 500 Wilmette Supporters for our Petition and now 939 for total signatures @ https://www.thepetitionsite.com/119/992/219/save-the-trees-in-highcrest-grove-no-floods-no-destruction/.

New comments since the public meeting last night...

Lauren B. I went to Highcrest and loved those big fields. The trees are an important part of that.

Eileen B. I grew up in Wilmette and went to Highcrest and have so many memories of playing and hanging out in those trees. They really do provide a sense of peace and serenity.

Mary Jane T. In 1957, we picked our lot to build our house because of these trees. Love them every day! It is wonderful to see all ages using the park - especially dog owners! Removal of these trees would be sinful. Do not kill natural beauty!

I look forward to seeing everyone again next week on the evening of the 19th at 7:30 pm to hear final public comments before the vote by our Park Board Commissioners decide what they will regarding the fate of the Cottonwood grove in LOCUST PARK.

Friends of Highcrest Grove, Inc.

Rick

Fredric B. Prohov, J.D., CM&AA, LEED AP

Prohov & Associates, Ltd. 134 North LaSalle Street – Suite 2100 Chicago, Illinois 60602

Phone: (312) 807 - 3965 Cell Phone: (312) 925 - 5444

Email: rprohov@paalaw.com

www.paalaw.com

Confidentiality Notice:

This electronic mail message and any attached files contain information intended for the exclusive use of the individual or entity to whom it is addressed. Such message may contain information that is proprietary, privileged, confidential and/or exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any viewing, copying, disclosure or distribution of this information may be subject to legal restriction or sanction. Please notify sender, by electronic mail or telephone, of any unintended recipients and delete the original message without making copies.

Circular 230 Disclosures:

Pursuant to regulations Governing Practice before the Internal Revenue Service, any tax advice contained herein is not intended or written to be used and cannot be used by a taxpayer for the purpose of avoiding tax penalties that may be imposed upon the taxpayer.

Libby Baker

From: Gordon Anderson

Sent: Monday, August 12, 2019 1:41 PM

To: Stephen Wilson

Cc: Libby Baker; Amy Wolfe

Subject: Fwd: [external] Cottonwood Trees **Attachments:** Highrest grove.docx; ATT00001.htm

Steve

For sharing with the Board.

Thanks Gordon

Begin forwarded message:

N

From: faye Jacobs < frjacobs@comcast.net>
Date: August 11, 2019 at 2:34:41 PM CDT

To: <ganderson@wilpark.org>

Subject: [external] Cottonwood Trees

Dear Vice President Anderson,

I appreciate the time you give to help continue to keep Wilmette so wonderful.

I hope to share some of this letter below tomorrow night at the Wilmette Park Board meeting and PRAY that somehow my words will make a difference in the consensus to allow the Highcrest cottonwoods to live.

Thank you. Faye Jacobs

August, 2019

Thank you for considering an alternate plan for the necessary stormwater project here in our beloved Community Playfield in Wonderful Wilmette.

I've lived on the perimeter of the Community Playfield for 30 years and have seen countless people of all ages, athletic teams, students, as well as pets, enjoy the beauty of the field and feel that one of the highlights of the park is witnessing the irreplaceable grove of our native cottonwood trees all year long.

Twenty five years ago, I planted, at a shared expense with the Park District, several trees and a bench at the northeast side of the park in memory of a child of mine who died at an early age.

My goal for this bench was to invite people of all ages to sit, rest, heal, contemplate and even kiss...this bench was specifically planted at a certain angle to offer the best view of these majestic cottonwood trees to assure there be a place for ALL of our community to rest and heal, if need be, and experience free beauty all year long, including the soccer season.

I invite all of you to come and sit on this bench, and witness the Community Playfield's beauty with these trees in your view and then close your eyes and imagine these trees gone. The nesting site for Baltimore Orioles, gone...Red tailed hawks that nest and perch in the trees...gone...the many species of butterflies...gone...the vibrant color in the spring time...gone....the sun glistening on icicles formed on the trees after a snowstorm while cross country skiing through the trees, gone...ENORMOUS SHADE offered to the schoolchildren and soccer teams...Gone.

I've done this experiment and, for me there is a feeling of loss and the same goes for others who I've chatted with as they stroll through the park on these hot summer nights. 'Oh no' is the most common response when told that the grove of trees.....'yes 'the tall ones...the ones that can never be replaced in our lifetime.. could be chopped down.

For all of these years, I've witnessed students from HMS have color war games and other outdoor activities and use the grove for necessary shade on a hot day.

It's true that the Community Playfield is just that, a Playfield for ALL of the community and with that said, I understand that the stormwater project is most likely going forward and that the Community Playfield will be under renovation but PLEASE, I ask you kindly, to put the playfield back just like it is TODAY...without the cutting down of these majestic trees.

A few months ago, at the urging of those opposed to the chopping down of the cottonwood grove, an approval was set forth by the Village Board to investigate other configurations for digging beneath the Playfield and to our JOY two plans

were set forth which not only cost LESS money by almost one million dollars but SAVED a majority of the trees.

Many of those who signed a petition to save the trees were overjoyed that, it seemed at the time, these alternate plans were being considered.

At the last Wilmette Park District meeting on 7/8/19, many questions were raised NOT having to do with the stormwater project but ways in which an extra soccer field could be added in lieu of our grove of trees.

Personally, I was surprised to hear why a grove of trees would be sacrificed to add an extra area for a soccer game primarily in the spring and fall when there is so much beautiful open space, which already exists!

I wondered, is this about the stormwater problem and upcoming project that many Wilmette residents have waited patiently to begin?? .. OR, is it now about extra soccer space when I, along with the hundreds that signed the petition to save the trees, do not feel is necessary.

The Arbor Day Foundation describes the cottonwood tree as an age-old friend to the American people. I describe the Highcrest cottonwood grove as an age-old friend to OUR Wilmette Community.. and urge you, before you vote, to come and sit on my bench, look out and see and FEEL their necessity, and then vote to save the Highcrest Grove of trees, choose the LESS EXPENSIVE plan for the sake of ALL taxpayers in Wilmette and PLEASE allow the cottonwoods to LIVE.

Respectfully submitted, Faye Jacobs 2407 Pomona Lane

Libby Baker

From: Julia Goebel

Sent: Sunday, August 11, 2019 1:03 PM

To: Libby Baker

Subject: Fwd: [external] Request for meeting to Discuss the Highcrest Grove

Please add to correspondence for special meeting on 8/19.

Julia Goebel

Commissioner Wilmette Park District jgoebel@wilpark.org

Begin forwarded message:

From: Rick Prohov < rprohov@paalaw.com>
Date: August 9, 2019 at 12:53:00 PM CDT
To: Julia Goebel < jgoebel@wilpark.org>

Cc: "Herbert H. Engelhard" < friendsofhighcrestgrove@gmail.com, "praj.shah@creospan.com"

 $<\!\!\underline{praj.shah@\,creospan.com}\!\!>, "Bielinski, Bob" <\!\!\underline{bielinskib@\,wilmette.com}\!\!>, Martha\,Hellander$

 $<\!\!\underline{\text{mhellander1@comcast.net}}\!\!>\!, \\ "\underline{\text{awolfe@wilpark.org}"} <\!\!\underline{\text{awolfe@wilpark.org}}\!\!>\!, \\ "\underline{\text{ganderson@wilpark.org}"}$

<ganderson@wilpark.org>, "babbott@wilpark.org" <babbott@wilpark.org>, "mmurdock@wilpark.org"

<mmurdock@wilpark.org>, Cecilia Clarke <cclarke@wilpark.org>, "jgoebel@wilpark.org"

<jgoebel@wilpark.org>, "Todd Shissler" <tshissler@wilpark.org>, Faye Jacobs <freedfracest.net</pre>>, "E.

 $Engelhard "<\!\!\underline{eengel@sbcglobal.net}\!\!>, "\underline{derekcasteel@gmail.com}"<\!\!\underline{derekcasteel@gmail.com}\!\!>, Julia Grosh$

<<u>imarran3@sbcglobal.net</u>>, Jim Grosh <<u>lightkpr3@sbcglobal.net</u>>, Deborah <<u>dviktora@comcast.net</u>>,

"csadel1@aol.com" < csadel1@aol.com>, "Berger, Brigitte" < bergerb@wilmette.com>, "swilson@wilpark.org"

<swilson@wilpark.org>, "joelforwilmette@gmail.com" <joelforwilmette@gmail.com>,

"barrowp@wilmette.com" <barrowp@wilmette.com>, "doddk@wilmette.com" <doddk@wilmette.com>,

"kennedyg@wilmette.com" <kennedyg@wilmette.com>, "sullivand@wilmette.com"

< sullivand@wilmette.com >, "kurzmanj@wilmette.com" < kurzmanj@wilmette.com >,

"plunketts@wilmette.com" <plunketts@wilmette.com>, "bielinskib@wilmette.com"

<bielinskib@wilmette.com>, "eric@wilmettebeacon.com" <eric@wilmettebeacon.com>, Ted Prohov

<t_prohov02@yahoo.com>, Van Economou <<u>Van@EconomouIP.com</u>>, Robert Besser <<u>rbessr@gmail.com</u>>,

Kristen Casteel kristenacasteel@gmail.com

Subject: RE: [external] Request for meeting to Discuss the Highcrest Grove

Ms. Goebel

Thanks for your reply.

I am also not yet retired and also have many professional and other commitments as well.

I regret you will not have time to discuss the issues with us before the meeting Monday but will look forward to

1

seeing you there Monday evening.

In your response to my for a request for a meeting, you noted: "I know you have had great success in rallying residents; I have heard very little from those who are to benefit from stormwater relief.

Perhaps this is an area where you can shine some light in reaching out to those impacted?"

Last time I checked, the charge for Intergovernmental cooperation now rests upon the shoulders of the Park District to work with the Village administration for Public Works as far as storm water relief is concerned on the matter at hand.

Since the MOU and draft of an Intergovernmental Agreement is what seems to be what is being pushed along this month by the Park Commissioners and the Village Trustees, apparently there have been insufficient meetings among those respective governing bodies for you to be fully informed of the many years of study of the matter.

Since the homes among our members have never suffered from storm water damages, I do not know those that do but would welcome the opportunity to meet with them as well.

I believe face to face meetings are still the most productive form of communication. Your public meetings do not afford that opportunity.

I do know that the Village engineers and their consultants have struggled for many years to determine how to best address the storm water management those citizens that do suffer flooding. I have only read the relevant information that is available on the Village Website as I am certain you have as well. My only information to date on the extent of the flooding issues has been gleaned from those reports. Since I have not been allowed to meet with the consulting engineers or ask them questions, I suggest you start with them rather than thinking I can shine any light for you on these engineering issues.

The engineers have studied the source of the storm water problems, considered the matter at great expenses for years and provided numerous iterations and cost estimates for various alternatives. It is that process that brought your "consensus" to cut the trees and threaten our homes.

Since we cannot meet before Monday when I cannot ask questions and have only three minutes for "comments," I will look forward to hearing what cooperative efforts your board has made to reach out to the Village Board to develop your understanding of the storm water concerns before you could possibly discuss any viable memorandum towards a valid agreement.

Respectfully yours,

Rick Prohov

Rick

Fredric B. Prohov, J.D., CM&AA, LEED AP

Prohov & Associates, Ltd. 134 North LaSalle Street – Suite 2100 Chicago, Illinois 60602

Phone: (312) 807 - 3965 Cell Phone: (312) 925 - 5444 Email: rprohov@paalaw.com

www.paalaw.com

Confidentiality Notice:

This electronic mail message and any attached files contain information intended for the exclusive use of the individual or entity to whom it is addressed. Such message may contain information that is proprietary, privileged, confidential and/or exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any viewing, copying, disclosure or distribution of this information may be subject to legal restriction or sanction. Please notify sender, by electronic mail or telephone, of any unintended recipients and delete the original message without making copies.

Circular 230 Disclosures:

Pursuant to regulations Governing Practice before the Internal Revenue Service, any tax advice contained herein is not intended or written to be used and cannot be used by a taxpayer for the purpose of avoiding tax penalties that may be imposed upon the taxpayer.

----Original Message----

From: Julia Goebel <<u>jgoebel@wilpark.org</u>> Sent: Thursday, August 8, 2019 10:33 AM To: Rick Prohov <<u>rprohov@paalaw.com</u>>

Subject: Re: [external] Request for meeting to Discuss the Highcrest Grove

Hello Mr. Prohov,

Thank you for your outreach and emails. I appreciate the urgency about the matter and take this very seriously.

This week is difficult for me to meet as we have a family reunion as well as professional commitments of mine.

So I will look forward to the discussion on the 12th and the 19th; I am eager to hear from a wide range of resident voices, especially those impacted by flooding personally.

I know you have had great success in rallying residents; I have heard very little from those who are to benefit from stormwater relief.

Perhaps this is an area where you can shine some light in reaching out to those impacted?

Thanks very much for your continued dialog,

Julia Goebel		

Julia Goebel

Commissioner Wilmette Park District jgoebel@wilpark.org

On Aug 6, 2019, at 5:32 PM, Rick Prohov <<u>rprohov@paalaw.com</u>> wrote:

Dear Park Board Commissioners

We now have 464 local Wilmette signatures adding their voices to save the trees in the Highcrest Grove and accept an alternative plan at significantly less taxpayer cost.

In our meeting with Mr. Wilson last week, he acknowledged that there is no current nor near-term foreseeable demand for more playing fields. He explained that the Park Board regards the Community Playfields as an "asset" with a primary function that its name implies. It is still a park. It is not used even close to every day of the year for that "function." A park is generally defined as "an area of natural, semi-natural or planted space set aside for human enjoyment and recreation or for the protection of wildlife or natural habitats." As far as at least 464 of your constituents have always known, the area is still a park and needs to serve more than sporting recreational playfield purposes. Within 40 acres there is no justifiable need to limit it like this. When asked about it at that same meeting, Mr. Wilson would not rule out an installation of astro-turf if it was being considered as an option should the trees come down given the contemplated concrete tank that would be under the surface. If any of you share that vision for the maximization of field utility as you described last month, we wish to know.

Since we are diametrically opposed to this type of development in the park, we wish to better understand why any of you still would side with the 5 to 2 consensus positions stated in your 7/8 board meeting. In the case of Mr. Abbott and Mr. Anderson, we would welcome a meeting with either of you as well to see if you have any update on any efforts to persuade your fellow board members to come to see the issue the way each of you expressed your views at the last meeting.

Please let me know when any of you, individually, or more than one collectively, would be able to make yourself available for a meeting later this week in Wilmette on a day and at a time and place that would be convenient for you. Depending on the day and time, more than one of us would likely wish to attend such a meeting this week.

I look forward to a written reply from each of you at your earliest convenience.

Respectfully submitted,

Rick Prohov, on behalf of Friends of Highcrest Grove, Inc. Cell No. 312 925 5444

 $\frac{https://www.thepetitionsite.com/119/992/219/save-the-trees-in-highcrest-grove-no-floods-no-destruction/464\ SUPPORTERS\ in\ Wilmette\ |\ 864\ SUPPORTERS$

Naomi F. Illinois 9 hours ago

I grew up playing soccer on those fields, having gym class on those fields, and going on bike rides along there. Would be such a shame to do the plan that has to cut all the trees rather than the alternatives that do not! Elizabeth T. Illinois 13 hours ago

I grew up on Meadow Drive and my back yard faced the park. I looked at those trees every day for 49 years. Please do not chop down these beautiful trees! That would be a disgrace!

Mark and Christine K. Illinois 18 hours ago Old growth trees are an irreplaceable asset to the Village of Wilmette. As long time Wilmette residents (and in my case, born and raised here), we are appalled that these trees would be cut down when better alternatives exist for building the storm water tank. These alternative plans represent a win-win solution for this issue. Save the 31 trees that provide so many benefits to the area, and build storm water treatment tanks that are affordable and effective. We urge the Park Board to save the Highcrest Tree Grove!

name not displayed Illinois a day ago

I want to save the trees near the school. Trees are essential to our environment.

name not displayed Illinois a day ago

There IS a better way to manage the storm water: use it! Our children need those trees for shade, for beauty, for memories, for learning to respect and love the outdoors. We need those trees for air quality, soil retention, carbon dioxide removal and water absorption. Don't destroy these beautiful trees that we cannot replace! name not displayed Illinois a day ago The height of the trees cannot be replaced The amount of water they soak up The beauty in the winter Tracie T. Illinois 2 days ago Those trees are a beautiful part of the Community Playfields. They provide shade during soccer and XCountry, and give the fields a look of having been around for a long time! How could you even think of cutting them down????

C R. Illinois 2 days ago

There must be a better way

name not displayed

Illinois

2 days ago

The trees provided shade and beauty to the area and it's environmentally important.

name not displayed

Illinois

2 days ago

Preservation of natural resources. It seems to me that I'm an area with such heavy pedestrian usage, that the Board would entertain and seriously consider alternate locations.

KAY G.

Illinois

2 days ago

The trees add beauty, shade and act as a natural storage for excess water. The trees add more to the park than another soccer field. Don't remove the grove of trees.

Jeremy F.

Illinois

3 days ago

I grew up playing in those trees while playing soccer in the park or during gym class. Find a solution that doesn't destroy a whole grove of old trees.

Carla F.

Illinois

3 days ago

Trees are vital to our environment. Terrible thing to teach children to cut down trees. Soccer fields can be handled in other ways if needed in the future.

Charlotte F.

Illinois

4 days ago

I used to play tag and capture the flag between those trees!

Jesse R.

Illinois

4 days ago

I love trees

Joseph G.

Illinois

5 days ago

Grew up on Laurel near community playfield and spent my childhood playing under those trees Tom V. Illinois 6 days ago It will destroy the park, one of the most valuable assets of Wilmette Nico V. Illinois 6 days ago I grew up with those trees I remember running around between them playing with friends in school and out. As well as during summer camps.

name not displayed

Illinois 6 days ago

Why to kill such a majestic tree? It is unacceptable. Find another solution.

Robin S. Illinois 6 days ago

Because trees do so much for the environment.

Peggy C. Illinois 6 days ago

I've enjoyed the shade these trees provide at hot, sunny soccer games. I'd like to learn more about the more affordable plan that includes saving these trees. Cutting them down seems suspiciously senseless.

Lesley H. Illinois 7 days ago

Tragic to cut down old growth trees!

Helen A. Illinois 7 days ago

Saving trees is the right thing to do!

Brian M. Illinois 7 days ago

Conservation of trees. For the sake of beauty. Because alternatives which do not destroy trees should be chosen.

Thomas M. Illinois 7 days ago

I have played in this grove since I was very young and I don't want to see it cut down because it is such an essential part of the landscape and the way it ties the whole area together. Plus, capture the flag is dope.

Cathie W. Illinois 8 days ago

environmental reasons. there are other viable options I believe without destroying valuable natural habitat.

Carol R. Illinois 8 days ago

The trees help clean the air, provide a home for birds and other living creatures, create shade and beauty and enhance our community. Don't cut them down!

Edith R. Illinois 8 days ago

Needless destruction of environmentally attractive and proven way to manage water. Other options are available.

name not displayed Illinois 8 days ago

I grew up playing in these fields around these trees and it would be a shame to see them taken down before future generations get the chance to :(Cathy R. Illinois 8 days ago The natural plants attract more birds and insects, as I have found in my own yard.

Richard F. Illinois 8 days ago

save the tress for my grandchildren who live in Wilmette and attend Highcrest!

Brigitte G. Illinois 8 days ago

For the Wilmette Park District and the Village of Wilmette to even entertain plans to clear-cut an entire grove of mature trees in our Village of Wilmette is irresponsible and destructive. Trees contribute to saving nature and ultimately saving the environment. Not only does this grove of trees provide shade for the many families during soccer games and family outings, but also absorbs the greenhouse gases to provide clean air for all of us. It's time for the representatives of the Village of Wilmette to re-think about ways to save our own climate and our world environment, as well as the money of those who live in the Village of Wilmette. Let's do better to think outside this grove of trees for a more practical and affordable solution.

Mary B. Illinois 8 days ago

I thought Wilmette was called Tree City?

freed c. Illinois 8 days ago

Trees good for the environment. Please find a way to save even if it costs us more.

Barbara K. Illinois 9 days ago

Saving mature trees should be a top priority for the village.

Tad G. Illinois 9 days ago

I believe this is ill-conceived and overly costly.

name not displayed Illinois 9 days ago

Home to many animals! Save the trees!

Mhairi P. Illinois 9 days ago

In a world where areas of quiet shaded space are disappearing, I demand an alternate solution to clearing all the trees from the Highest Grove. I am a resident that uses the park daily - weekends and weekdays. I never see all the fields in use and wonder about the necessity of additional play areas? Who does this benefit and who will pay for it?

Katie D. Illinois 9 days ago

tons of kids play in these trees during events and they are beautiful and hard to replace Paul T. Illinois 9 days ago With climate change as one of our most pressing threats, the decision to cut down a huge stand of old growth trees, which are a wonderful carbon sink, is irresponsible. We should do the environmentally responsible thing and protect our trees.

Sarah T. Illinois 9 days ago

A grove of old growth trees should not be cut down. They are invaluable in an age of rising temperatures and provide shade and beauty to Wilmette.

Gary P. Illinois 9 days ago

Preservation of Forests

Linda s. Illinois 9 days ago

Maintaining trees in our community is a critical step to help offset impending climate disaster. Don't teach kids it's ok to tear down healthy, living trees. Teach everyone to conserve and preserve!

Laurie M. Illinois 10 days ago

During the current climate crisis, we cannot squander any of our natural resources, especially trees that take CO2 out of the atmosphere & produce oxygen. DO NOT CUT DOWN THESE TREES!!!!

Julie R. Illinois 10 days ago

I don't want our beautiful old trees cut down!!! The trees make Wilmette the quaint charming town that it is! It also detrimental to our ecosystem. Please reconsider this bad decision to cut down so many trees. Julie Robbins Krissy W. Illinois 10 days ago It's trees!! Shade, wild animals!

Kara K. Illinois 10 days ago

My daughters relish the shade of those trees at recess, gym, cross country practice, and playing with their friends. They are already removing other large, old trees inside the Highcrest courtyard as part of the HMS learning commons expansion. What are we teaching our children, the next generations, about the importance of green space? The benefits of trees to our environment and general health? About shortsighted decisions vs finding creative solutions. The community playfields are much larger than just this grove and surely alternatives are possible.

Donna M. Illinois 10 days ago

Trees offer needed shade to the students and sports teams. There is an another option for placement and installation of the storm water underground tank. Use that other option. Leave the trees where they are. It takes decades for a beautiful tree to mature as these have. Choose the plan that is more affordable, saves taxpayer money, and SAVES the grove of trees at Highcrest.

Sally V. Illinois 10 days ago

Mature trees need to be preserved whenever possible, always.

Respectfully submitted,

Rick Prohov, on behalf of Friends of Higherest Grove, Inc.

Fredric B. Prohov, J.D., CM&AA, LEED AP

Prohov & Associates, Ltd. 134 North LaSalle Street – Suite 2100 Chicago, Illinois 60602

Phone: (312) 807 - 3965 Cell Phone: (312) 925 - 5444

Email: rprohov@paalaw.com

www.paalaw.com

Confidentiality Notice:

This electronic mail message and any attached files contain information intended for the exclusive use of the individual or entity to whom it is addressed. Such message may contain information that is proprietary, privileged, confidential and/or exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any viewing, copying, disclosure or distribution of this information may be subject to legal restriction or sanction. Please notify sender, by electronic mail or telephone, of any unintended recipients and delete the original message without making copies.

Circular 230 Disclosures:

Pursuant to regulations Governing Practice before the Internal Revenue Service, any tax advice contained herein is not intended or written to be used and cannot be used by a taxpayer for the purpose of avoiding tax penalties that may be imposed upon the taxpayer.

Libby Baker

From: Julia Goebel

Sent: Sunday, August 11, 2019 1:04 PM

To: Libby Baker

Subject: Fwd: [external] Request for meeting to Discuss the Highcrest Grove

Please add to correspondence for special meeting on 8/19.

Thanks, Julia

Julia Goebel

Commissioner Wilmette Park District jgoebel@wilpark.org

Begin forwarded message:

From: <csadel1@aol.com>

Date: August 10, 2019 at 5:05:28 PM CDT

To: <jgoebel@wilpark.org>

Cc: <hengelhard@sbcglobal.net>, <awolfe@wilpark.org>, <ganderson@wilpark.org>,

<babbott@wilpark.org>, <mmurdock@wilpark.org>, <cclarke@wilpark.org>, <jgoebel@wilpark.org>,

<tshissler@wilpark.org>, <swilson@wilpark.org>, <barrowp@wilmette.com>, <bielinskib@wilmette.com>,

<doddk@wilmette.com>, <kennedyg@wilmette.com>, <kurzmanj@wilmette.com>,

<plunketts@wilmette.com>, <braimanm@wilmette.com>, <frenzert@wilmette.com>,

<rprohoy@paalaw.com>, <praj.shah@creospan.com>, <schmick.mary8@gmail.com>,

<bielinskib@wilmette.com>, <mhellander1@comcast.net>, <friacobs@comcast.net>,

<derekcasteel@gmail.com>, <jmarran3@sbcglobal.net>, lightkpr3@sbcglobal.net>,

<dviktora@comcast.net>, <csadel1@aol.com>, <bergerb@wilmette.com>, <Van@EconomouIP.com>,

<rbessr@gmail.com>, <kristenacasteel@gmail.com>, <of@aol.com>, <SaucedoA@mwrd.org>,

<rebecca.j.boyd@gmail.com>, <ShoreD@mwrd.org>, <rprohov@paalaw.com>

Subject: Re: [external] Request for meeting to Discuss the Highcrest Grove

RE: "I know you have had great success in rallying residents; I have heard very little from those who are to benefit from stormwater relief. Perhaps this is an area where you can shine some light in reaching out to those impacted?"

Julia Goebel Hello Ms. Goebel:

Your email admits that you "have heard very little from those who are to benefit from stormwater relief." This revelation should enlighten you and other park district board members of the profound fact that most of those you characterize as "impacted" have absolutely no interest in contacting you. If the residents who you characterize as "impacted" thought they would derive any benefit from contacting you, they would contact you. Clearly, they don't.

My husband and I've lived in Wilmette on Lawndale for 46 years, one block east of Ridge. Our basement flooded, so - at our expense - we installed a flood control system. I know some of our neighbors did the same. That our basement flooded, and that anyone's basement floods, is an entirely separate and different issue from that of destroying a grove of cottonwood trees. You are making an assumption when you imply that the residents who are contacting you, do not experience stormwater difficulties. If there is a factual basis for your assumption, please advise.

My assumption is that some and even many residents DO experience stormwater difficulties and ALSO oppose destroying the cottonwood trees. These residents are smart enough to figure out that chopping down 30+ stormwater absorbing trees and creating additional unneeded and and unwanted playing fields will NOT prevent their basements from flooding. Living in a well educated, affluent, and reasonably sophisticated community, means that a substantial percentage of Wilmette residents, including the about 311 families whose basements are the subject of the flooding project, are fully aware of the vital and irreplaceable roles played by trees, in this case, a grove of native cottonwood trees. And, some of the "impacted" residents are fully aware that the cottonwood trees (just like the prairie in Centennial Park) doubtless played a role in preventing flooded basements in Wilmette during the recent May and July storm episodes. And, some, possibly most, of the "impacted" residents do not support destroying trees to create unneeded and unwanted playing fields that no residents asked for, or to install stormwater holding tanks when alternative tree-free locations are very available and the project will even be less costly.

Many of Wilmette's intelligent and educated residents - including "impacted residents" - are aware of scientific and practical matters involving the environment. Most Wilmette residents know (and their children learn in Wilmette schools) that trees produce **oxygen**, which is essential to human life, including in Wilmette, in order to breathe. These trees include those growing in the cottonwood grove the Park District wants to eliminate. These Wilmette residents are offended by the Park District's refusal to make saving existing trees - and planting new trees - a priority. Many residents with children, and residents who are children, are shocked, horrified, disappointed and disgusted, by the Park District's inexplicable indifference and refusal to set an enlightened, practical, and contemporary example for youngsters and all the residents. The Park District is directly contradicting the school teachers, curriculum, books and magazines, parents, scientific studies, and contemporary public policy that respects and protects trees and other irreplaceable natural ecosystems. The Wilmette Park District has a duty to reform its backward view and policies.

Park District Board: do you read the newspapers? If you do, did you ignore the May 2019 United Nations report advocating planting trees, locally and globally, to prevent a terrible worsening of global climate change? Global climate change, amazing as it may seem, will adversely effect even the residents of Wilmette!! "Local" includes Wilmette. Further, if you read newspapers, you are also aware of the recent scientific report in *Science* Magazine similarly advocating immediate planting of MILLIONS of trees in order to avoid the worst that global climate change is expected to bring globally, including in Wilmette. Planting trees excludes destroying trees, which exacerbates global climate change.

Does the Wilmette Park District believe that Wilmette is an island that is immune to the disasters facing the rest of the globe? How provincial can Wilmette government be? What is the Wilmette Park District's reaction to recent the scientific reports unanimously virtually begging the world - including Wilmette - to PLANT millions of trees that will absorb and sequester CO2 and help offset global climate change? What is the Wilmette Park District's reaction to the well known fact that destroying a tree **releases** sequestered CO2 into the atmosphere and exacerbates global climate change? Answer: The Wilmette Park District chooses to ignore global climate change and instead focus on increasing playing fields (that are neither needed or wanted by Wilmette residents, the ones who pay taxes and administrators' salaries). Wilmette insists on the destruction of a grove of trees and thus insists on releasing the trees' stored CO2 into the atmosphere. This is, in a word, **irresponsible**.

The upside is that productive approaches exist. You and those park district board members who are determined to destroy the grove of cottonwood trees can and should pause and consider the reality that exists outside the insular universe called the Wilmette Park District Board. This reality includes the residents of Wilmette - who don't want expanded playing fields and have become aware that they have been conned - and a variety of scientific, practical, enlightened, upto-date and contemporary facts and concepts that the Wilmette Park District Board has refused to consider.

For the Park District Board to responsibly do its job requires becoming current on global warming and other well known scientific matters. The Park District Board undoubtedly recieved (but did they read, understand, and put into context?) the June 12, 2019 message from Debra Shore, a Metropolitan Water Reclamation District commissioner that she sent thousands of district residents. Further, per Comm. Shore's request to "Bring your ideas to your local representatives and push for action," I forwarded her message to the Wilmette Trustees, Park District Board, and other relevant Wilmette officials. Subsequently, I again sent Comm. Shore's view

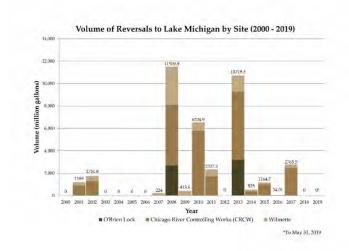
and ideas to the same governmental officials, and requested their responses. To date, not even one individual has replied.

To be responsible, the Park District Board can and should invite Comm. Shore to testify before it at a public hearing.

To be responsible, the Park District Board should incorporate Comm. Shore's comments and ideas, as follows:

"By now many of you may have heard that the month of May was the wettest on record for northern Illinois since we started measuring rainfall in 1871, outstripping the prior record May for rainfall, which occurred just last year. Cook County recorded 8.25" of rain in May, roughly 20 percent of the total annual rainfall *in one month!* During the month of May, the Metropolitan Water Reclamation District's Tunnel and Reservoir system intercepted nearly 13.6 billion gallons of combined sewer overflows (CSOs). That's sewage and waste water from our homes, businesses, and industries combined with rain washing over city streets collecting salt, oil, pet poop, brake dust, and fertilizer from lawns and gardens that otherwise would have flowed directly into nearby rivers and streams, polluting them significantly. From January through May 31, the Tunnel and Reservoir system captured 42.56 billion gallons of combined sewer overflows. Think about that: if that amount of water covered the surface area of Chicago, we'd be wading in 10.5" of stormwater mixed with sewage. Remarkably, given the record rains, there have been NO REVERSALS of CSOs to Lake Michigan since October 2017.

Consider this: even though our region has been breaking rainfall records, we've avoided reversals to the lake, the Albany Park diversion tunnel has saved that area from flooding, and CSOs are down in number. The reason? The first phase of the McCook Reservoir, which can capture and hold 3.5 billion gallons of CSOs, went online in December 2017. Thanks are due not only to huge pipes and tunnels, but also to the heroic efforts by MWRD staff to lower water levels in the Chicago Area Waterways system in advance of storms to give the system as much capacity as possible to capture stormwater. During the late May storms, the gates releasing water at MWRD's Lockport



Powerhouse were open as wide as possible and the flow recorded there was 20,000 cubic feet per second (cfs). By comparison, Chicago can legally withdraw only 3,200 cfs/day of freshwater from Lake Michigan. Here's a fascinating fact: one cubic foot of water weighs 62.5 lbs. Thus, the flow of 20,000 cfs at Lockport equaled 625 tons of water per second flowing through the Powerhouse gates. The high flows on the Chicago Waterways also brought commercial barge traffic to a standstill in recent months. Beginning on May 7th, the US Coast Guard halted barge traffic on the Illinois River (which receives flows from the Chicago Waterways). And our soils are soaked! The soil moisture in Cook County is now higher than 99 percent of the historical record, according to NOAA and the National Weather Service. Saturated soils mean much less capacity to absorb rain when it comes. The Great Lakes have responded to this record-setting weather as well. According the Army Corps of Engineers, which tracks Great Lakes water levels, Lake Erie and Lake Superior reached new monthly mean high water levels in May, and Lake Ontario surpassed its all-time record high level this week. As of the first week of June, Lake Michigan is 13" above its average level and is expected to continue rising through this summer. Lake Michigan is currently just 2" below its all-time record height for June, set in 1986.

What's to be done with all this water? First, expect the unprecedented. Predictions for the climate crisis in northeastern Illinois include more intense, less predictable rain and snowstorms. These are likely to be our new normal. Consider this conundrum: warmer air here in Illinois means more water evaporates and coalesces into violent storms, while warmer air in the Arctic destabilizes the jet stream, leading the Great Lakes to freeze over and lake levels to rise when the ice melts. Cook County sits at the crux of these forces, with all the variability that entails.

Second, let's do everything we can to give the land more absorptive capacity. We should install rain gardens, bioswales, permeable



Sidewalks typically well above water are now submerged along harbor's edge at Chicago's Burnham Harbor. Photo courtesy of Chicago Park District.

pavement, and green roofs everywhere we can to capture rain and keep it out of the sewers. **But we** may also need to un-finish our basements and expect them to take on water now and then -- the way things used to be. (A harsh reality, I know, but we live in a flat, wet world. There's no downhill to move water away from us.) Finally, let's get creative about ways to capture (and reuse) rain. Let's think about repurposing rail tank cars for stormwater capture next to big box stores and warehouses. Let's install community cisterns block by block and re-green vacant lots as wetlands. Let's convert parkway patches into prairie grass stands. Bring your ideas to your local representatives and push for action. Folks, we need all hands on deck because we're taking on water!" (Emphasis in red added by Adelman)

After years of being subjected to Village and Park District promises of relief due to the stormwater project, the truth leaked out, as the stormwater project was revealed to be a project to increase the size of playing fields. After being subjected to YEARS of presentations on the bait of relief from flooding, the Park District SWITCHED and admitted and declared its true goal is EXPANDING the playing fields (that no residents want). This bait and switch follows years of duplicative hearings by the Village and the Park District - with residents expected to attend in good faith, be informed about the details of various alternative plans and their respective costs, and make intelligent comments when repeatedly solicited by the village governments which governments then ignore, meet with the engineers and examine maps and learn how the flood control project work, be told Centennial Park was the perfect site until it was not. Be told Community Playfield is the perfect site for a stormwater tank, except for its annoying groves of trees which must be removed, NOT to provide better stormwater relief but to ADD playing fields. Residents are skeptical about the Park District's motives and sincerity in insisting on destroying cottonwood trees for this stormwater project which has been re purposed into an increased playfield project. The bait and switch follows years of residents being implored to read glossy documents (paid for no doubt by Wllmette taxpayers) sent to each resident to persuade him or her of the desperate need for an expensive FLOOD PLAN. Exposure to years of public relations efforts for stormwater relief that turned out to be a front for unnecessarily increasing Park District play fields explains residents' lack of faith in the park district and their cynicism about its representations about a wonderful flood-free future. What's the point in contacting Park District Board members whose statements of purpose are inconsistent? Many of the exhausted "beneficiaries" probably have by now become aware that they will never receive the promised relief and when that fact becomes clear, it will be too late to take retributive action. Based on Park District broken and changing representations, many "beneficiaries" know there is nothing to be gained by continuously-for-years contacting the village authorities, including the park district board. .

Further, and importantly, the flood plan is out of date. As global climate change becomes a reality, responsible people with relevant responsibilities are tasked with facing and creating based on new and continuously changing information and evidence, new assumptions about what the future may bring. Spending millions of taxpayers' dollars on a system based on old data and old assumptions is a waste of resdients' money and a betrayal of their trust in government. The Wilmette Park District has a moral and legal duty not to proceed on outdated assumptions and information, even if it did spend vast sums over several years, accumulating and publicizing them. Both the Wilmette Park District and the Village of Wilmette

have the duty of accessing Comm. Shore's assistance, and obtaining, studying, and incorporating **Stormwater and Flooding**, Dec 2017.

https://www.cmap.illinois.gov/documents/10180/653821/FY18-

0051+STORMWATER+AND+FLOODING FINAL.pdf/42e7f8b1-c9ed-b7b5-0eeb-a03f4a51dee7

Thank you for your response and for your attention to my letter.

Best wishes,

Charlotte Adelman

----Original Message-----

From: Rick Prohov < rprohov@paalaw.com>
To: Julia Goebel qoebel@wilpark.org

Cc: Herbert H. Engelhard friendsofhighcrestgrove@gmail.com; praj.shah@creospan.com cpraj.shah@creospan.com spaj.shah@creospan.com praj.shah@creospan.com praj.shah@creospan.com praj.shah@creospan.com praj.shah@creospan.com praj.shah@creospan.com cpraj.shah@creospan.com cpraj.shah@creospan.com praj.shah@creospan.com cpraj.shah@creospan.com cpra

Sent: Fri, Aug 9, 2019 12:53 pm

Subject: RE: [external] Request for meeting to Discuss the Highcrest Grove

Ms. Goebel

Thanks for your reply.

I am also not yet retired and also have many professional and other commitments as well.

I regret you will not have time to discuss the issues with us before the meeting Monday but will look forward to seeing you there Monday evening.

In your response to my for a request for a meeting, you noted: "I know you have had great success in rallying residents; I have heard very little from those who are to benefit from stormwater relief.

Perhaps this is an area where you can shine some light in reaching out to those impacted?"

Last time I checked, the charge for Intergovernmental cooperation now rests upon the shoulders of the Park District to work with the Village administration for Public Works as far as storm water relief is concerned on the matter at hand. Since the MOU and draft of an Intergovernmental Agreement is what seems to be what is being pushed along this month by the Park Commissioners and the Village Trustees, apparently there have been insufficient meetings among those respective governing bodies for you to be fully informed of the many years of study of the matter.

Since the homes among our members have never suffered from storm water damages, I do not know those that do but would welcome the opportunity to meet with them as well.

I believe face to face meetings are still the most productive form of communication. Your public meetings do not afford that opportunity.

I do know that the Village engineers and their consultants have struggled for many years to determine how to best address the storm water management those citizens that do suffer flooding. I have only read the relevant information that

is available on the Village Website as I am certain you have as well. My only information to date on the extent of the flooding issues has been gleaned from those reports. Since I have not been allowed to meet with the consulting engineers or ask them questions, I suggest you start with them rather than thinking I can shine any light for you on these engineering issues.

The engineers have studied the source of the storm water problems, considered the matter at great expenses for years and provided numerous iterations and cost estimates for various alternatives. It is that process that brought your "consensus" to cut the trees and threaten our homes.

Since we cannot meet before Monday when I cannot ask questions and have only three minutes for "comments," I will look forward to hearing what cooperative efforts your board has made to reach out to the Village Board to develop your understanding of the storm water concerns before you could possibly discuss any viable memorandum towards a valid agreement.

Respectfully yours,

Rick Prohov

Rick

Fredric B. Prohov, J.D., CM&AA, LEED AP

Prohov & Associates, Ltd. 134 North LaSalle Street – Suite 2100 Chicago, Illinois 60602 Phone: (312) 807 - 3965

Cell Phone: (312) 925 – 5444

Email: rprohov@paalaw.com

www.paalaw.com

Confidentiality Notice:

This electronic mail message and any attached files contain information intended for the exclusive use of the individual or entity to whom it is addressed. Such message may contain information that is proprietary, privileged, confidential and/or exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any viewing, copying, disclosure or distribution of this information may be subject to legal restriction or sanction. Please notify sender, by electronic mail or telephone, of any unintended recipients and delete the original message without making copies.

Circular 230 Disclosures:

Pursuant to regulations Governing Practice before the Internal Revenue Service, any tax advice contained herein is not intended or written to be used and cannot be used by a taxpayer for the purpose of avoiding tax penalties that may be imposed upon the taxpayer.

-----Original Message-----

From: Julia Goebel <jgoebel @wilpark.org> Sent: Thursday, August 8, 2019 10:33 AM To: Rick Prohov <rprohov@paalaw.com>

Subject: Re: [external] Request for meeting to Discuss the Highcrest Grove

Hello Mr. Prohov,

Thank you for your outreach and emails. I appreciate the urgency about the matter and take this very seriously.

This week is difficult for me to meet as we have a family reunion as well as professional commitments of mine.

So I will look forward to the discussion on the 12th and the 19th; I am eager to hear from a wide range of resident voices, especially those impacted by flooding personally.

I know you have had great success in rallying residents; I have heard very little from those who are to benefit from stormwater relief.

Perhaps this is an area where you can shine some light in reaching out to those impacted?

Thanks very much for your continued dialog,

Julia Goebel

Julia Goebel

Commissioner Wilmette Park District jgoebel@wilpark.org

Dear Park Board Commissioners

We now have 464 local Wilmette signatures adding their voices to save the trees in the Highcrest Grove and accept an alternative plan at significantly less taxpayer cost.

In our meeting with Mr. Wilson last week, he acknowledged that there is no current nor near-term foreseeable demand for more playing fields. He explained that the Park Board regards the Community Playfields as an "asset" with a primary function that its name implies. It is still a park. It is not used even close to every day of the year for that "function." A park is generally defined as "an area of natural, semi-natural or planted space set aside for human enjoyment and recreation or for the protection of wildlife or natural habitats." As far as at least 464 of your constituents have always known, the area is still a park and needs to serve more than sporting recreational playfield purposes. Within 40 acres there is no justifiable need to limit it like this. When asked about it at that same meeting, Mr. Wilson would not rule out an installation of astroturf if it was being considered as an option should the trees come down given the contemplated concrete tank that would be under the surface. If any of you share that vision for the maximization of field utility as you described last month, we wish to know.

Since we are diametrically opposed to this type of development in the park, we wish to better understand why any of you still would side with the 5 to 2 consensus positions stated in your 7/8 board meeting. In the case of Mr. Abbott and Mr. Anderson, we would welcome a meeting with either of you as well to see if you have any update on any efforts to persuade your fellow board members to come to see the issue the way each of you expressed your views at the last meeting.

Please let me know when any of you, individually, or more than one collectively, would be able to make yourself available for a meeting later this week in Wilmette on a day and at a time and place that would be convenient for you. Depending on the day and time, more than one of us would likely wish to attend such a meeting this week.

I look forward to a written reply from each of you at your earliest convenience.

Respectfully submitted,

Rick Prohov, on behalf of Friends of Highcrest Grove, Inc. Cell No. 312 925 5444

https://www.thepetitionsite.com/119/992/219/save-the-trees-in-highcrest-grove-no-floods-no-destruction/464 SUPPORTERS in Wilmette | 864 SUPPORTERS

Naomi F. Illinois 9 hours ago

I grew up playing soccer on those fields, having gym class on those fields, and going on bike rides along there. Would be such a shame to do the plan that has to cut all the trees rather than the alternatives that do not!

Elizabeth T. Illinois 13 hours ago

I grew up on Meadow Drive and my back yard faced the park. I looked at those trees every day for 49 years. Please do not chop down these beautiful trees! That would be a disgrace!

Mark and Christine K. Illinois 18 hours ago Old growth trees are an irreplaceable asset to the Village of Wilmette. As long time Wilmette residents (and in my case, born and raised here), we are appalled that these trees would be cut down when better alternatives exist for building the storm water tank. These alternative plans represent a win-win solution for this issue. Save the 31 trees that provide so many benefits to the area, and build storm water treatment tanks that are affordable and effective. We urge the Park Board to save the Highcrest Tree Grove!

name not displayed Illinois a day ago

I want to save the trees near the school. Trees are essential to our environment.

name not displayed Illinois a day ago

There IS a better way to manage the storm water: use it! Our children need those trees for shade, for beauty, for memories, for learning to respect and love the outdoors. We need those trees for air quality, soil retention, carbon dioxide removal and water absorption. Don't destroy these beautiful trees that we cannot replace!

name not displayed Illinois a day ago The height of the trees cannot be replaced The amount of water they soak up The beauty in the winter Tracie T. Illinois 2 days ago Those trees are a beautiful part of the Community Playfields. They provide shade during soccer and XCountry, and give the fields a look of having been around for a long time! How could you even think of cutting them down????

C R. Illinois 2 days ago

There must be a better way

name not displayed

Illinois

2 days ago

The trees provided shade and beauty to the area and it's environmentally important.

name not displayed

Illinois

2 days ago

Preservation of natural resources. It seems to me that I'm an area with such heavy pedestrian usage, that the Board would entertain and seriously consider alternate locations.

KAY G.

Illinois

2 days ago

The trees add beauty, shade and act as a natural storage for excess water. The trees add more to the park than another soccer field. Don't remove the grove of trees.

Jeremy F.

Illinois

3 days ago

I grew up playing in those trees while playing soccer in the park or during gym class. Find a solution that doesn't destroy a whole grove of old trees.

Carla F.

Illinois

3 days ago

Trees are vital to our environment. Terrible thing to teach children to cut down trees. Soccer fields can be handled in other ways if needed in the future.

Charlotte F.

Illinois

4 days ago

I used to play tag and capture the flag between those trees!

Jesse R.

Illinois

4 days ago

I love trees

Joseph G.

Illinois

5 days ago

Grew up on Laurel near community playfield and spent my childhood playing under those trees Tom V. Illinois 6 days ago It will destroy the park, one of the most valuable assets of Wilmette Nico V. Illinois 6 days ago I grew up with those trees I remember running around between them playing with friends in school and out. As well as during summer camps.

name not displayed

Illinois 6 days ago

Why to kill such a majestic tree? It is unacceptable. Find another solution.

Robin S. Illinois 6 days ago

Because trees do so much for the environment.

Peggy C. Illinois 6 days ago

I've enjoyed the shade these trees provide at hot, sunny soccer games. I'd like to learn more about the more affordable plan that includes saving these trees. Cutting them down seems suspiciously senseless.

Lesley H. Illinois 7 days ago

Tragic to cut down old growth trees!

Helen A. Illinois 7 days ago

Saving trees is the right thing to do!

Brian M. Illinois 7 days ago

Conservation of trees. For the sake of beauty. Because alternatives which do not destroy trees should be chosen.

Thomas M. Illinois 7 days ago

I have played in this grove since I was very young and I don't want to see it cut down because it is such an essential part of the landscape and the way it ties the whole area together. Plus, capture the flag is dope.

Cathie W. Illinois 8 days ago

environmental reasons, there are other viable options I believe without destroying valuable natural habitat.

Carol R. Illinois 8 days ago

The trees help clean the air, provide a home for birds and other living creatures, create shade and beauty and enhance our community. Don't cut them down!

Edith R. Illinois 8 days ago

Needless destruction of environmentally attractive and proven way to manage water. Other options are available.

name not displayed Illinois 8 days ago

I grew up playing in these fields around these trees and it would be a shame to see them taken down before future generations get the chance to :(♥ Cathy R. Illinois 8 days ago The natural plants attract more birds and insects, as I have found in my own yard.

Richard F. Illinois 8 days ago

save the tress for my grandchildren who live in Wilmette and attend Highcrest!

Brigitte G. Illinois 8 days ago

For the Wilmette Park District and the Village of Wilmette to even entertain plans to clear-cut an entire grove of mature trees in our Village of Wilmette is irresponsible and destructive. Trees contribute to saving nature and ultimately saving the environment. Not only does this grove of trees provide shade for the many families during soccer games and family outings, but also absorbs the greenhouse gases to provide clean air for all of us. It's time for the representatives of the Village of Wilmette to re-think about ways to save our own climate and our world environment, as well as the money of those who live in the Village of Wilmette. Let's do better to think outside this grove of trees for a more practical and affordable solution.

Mary B. Illinois 8 days ago

I thought Wilmette was called Tree City?

freed c. Illinois 8 days ago

Trees good for the environment. Please find a way to save even if it costs us more.

Barbara K. Illinois 9 days ago

Saving mature trees should be a top priority for the village.

Tad G. Illinois 9 days ago

I believe this is ill-conceived and overly costly.

name not displayed Illinois 9 days ago

Home to many animals! Save the trees!

Mhairi P. Illinois 9 days ago

In a world where areas of quiet shaded space are disappearing, I demand an alternate solution to clearing all the trees from the Highest Grove. I am a resident that uses the park daily - weekends and weekdays. I never see all the fields in use and wonder about the necessity of additional play areas? Who does this benefit and who will pay for it?

Katie D. Illinois 9 days ago

tons of kids play in these trees during events and they are beautiful and hard to replace Paul T. Illinois 9 days ago With climate change as one of our most pressing threats, the decision to cut down a huge stand of old growth trees, which are a wonderful carbon sink, is irresponsible. We should do the environmentally responsible thing and protect our trees. Sarah T. Illinois 9 days ago

A grove of old growth trees should not be cut down. They are invaluable in an age of rising temperatures and provide shade and beauty to Wilmette.

Gary P. Illinois 9 days ago

Preservation of Forests

Linda s. Illinois 9 days ago

Maintaining trees in our community is a critical step to help offset impending climate disaster. Don't teach kids it's ok to tear down healthy, living trees. Teach everyone to conserve and preserve!

Laurie M. Illinois 10 days ago

During the current climate crisis, we cannot squander any of our natural resources, especially trees that take CO2 out of the atmosphere & produce oxygen. DO NOT CUT DOWN THESE TREES!!!!

Julie R. Illinois 10 days ago

I don't want our beautiful old trees cut down!!! The trees make Wilmette the quaint charming town that it is! It also detrimental to our ecosystem. Please reconsider this bad decision to cut down so many trees. Julie Robbins Krissy W. Illinois 10 days ago It's trees!! Shade, wild animals!

Kara K. Illinois 10 days ago

My daughters relish the shade of those trees at recess, gym, cross country practice, and playing with their friends. They are already removing other large, old trees inside the Highcrest courtyard as part of the HMS learning commons expansion. What are we teaching our children, the next generations, about the importance of green space? The benefits of trees to our environment and general health? About shortsighted decisions vs finding creative solutions. The community playfields are much larger than just this grove and surely alternatives are possible.

Trees offer needed shade to the students and sports teams. There is an another option for placement and installation of the storm water underground tank. Use that other option. Leave the trees where they are. It takes decades for a beautiful tree to mature as these have. Choose the plan that is more affordable, saves taxpayer money, and SAVES the grove of trees at Highcrest.

Sally V. Illinois 10 days ago

Donna M. Illinois 10 days ago

Mature trees need to be preserved whenever possible, always.

Respectfully submitted,

Rick Prohov, on behalf of Friends of Highcrest Grove, Inc.

Fredric B. Prohov, J.D., CM&AA, LEED AP

Prohov & Associates, Ltd. 134 North LaSalle Street – Suite 2100 Chicago, Illinois 60602 Phone: (312) 807 - 3965

Cell Phone: (312) 925 – 5444

Email: rprohov@paalaw.com

www.paalaw.com

Confidentiality Notice:

This electronic mail message and any attached files contain information intended for the exclusive use of the individual or entity to whom it is addressed. Such message may contain information that is proprietary, privileged, confidential and/or exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any viewing, copying, disclosure or distribution of this information may be subject to legal restriction or sanction. Please notify sender, by electronic mail or telephone, of any unintended recipients and delete the original message without making copies.

Circular 230 Disclosures:

Pursuant to regulations Governing Practice before the Internal Revenue Service, any tax advice contained herein is not intended or written to be used and cannot be used by a taxpayer for the purpose of avoiding tax penalties that may be imposed upon the taxpayer.

ADDITIONAL COMMUNICATIONS & CORRESPONDENCE For August 19, 2019 Special Board Meeting

(received after packet was originally posted)

From:

Amy Wolfe

Sent:

Monday, August 19, 2019 5:03 PM

To:

Stephen Wilson

Subject:

Fwd: [external] Trees on play field behind Meadow Drive

Begin forwarded message:

From: Alan Minoff <alan.minoff@gmail.com>

Subject: [external] Trees on play field behind Meadow Drive

Date: August 19, 2019 at 4:52:02 PM CDT **To:** Minoff Alan alanminoff@gmail.com>

Please leave the trees on the playfield behind Meadow Drive. At present there is no need for additional playfields. If, and when the need exists, the Park District can always cut the trees down.

Thank you for your consideration of this view.

Alan Minoff

521 Meadow Drive East

Wilmette

From:

Amy Wolfe

Sent:

Monday, August 19, 2019 4:42 PM

To:

Stephen Wilson

Subject:

Fwd: [external] Follow up

Begin forwarded message:

From: Cathy Morris Priest crmpriest@aol.com>

Subject: [external] Follow up

Date: August 19, 2019 at 4:29:10 PM CDT

To: <awolfe@wilpark.org>

Dear Amy,

Primarily, I hope any decision made by the Park District is made understanding that the issue at hand is flooding and tax payers want to use our resources in the most efficient way, leaving the integrity of the aesthetics of our town in tact as much as possible. We are not looking to add on costs that should be paid for by collecting park district fees. It is my understanding that our elevated water bills will pay for this work and those are a difficult burden to people who cannot afford some of the extras the town provides at the park district, so add ons should be avoided. Also, the tanks will occupy a total square footage space that cannot be touched for other uses (tree roots, swimming pool, varied landscaping, etc) for many decades to come, so the smaller the footprint of these tanks, the better.

thanks for your prompt review of this matter.

Cathy

847-331-3850

From: Amy Wolfe

Sent: Monday, August 19, 2019 4:13 PM

To: Stephen Wilson

Subject: Fwd: [external] Neighborhood support for MOU as it pertains to Thornwood Park

Sent from my iPad

Begin forwarded message:

From: K Sullivan < kathleensullivan99@gmail.com>

Date: August 19, 2019 at 4:04:43 PM CDT

To: Amy Wolfe <a wolfe@wilpark.org>, <a worderson@wilpark.org>, <a worderso

Mike Murdock murdock@wilpark.org, cclarke@wilpark.org, Julia Goebel jgoebel@wilpark.org, Todd Shissler tshissler@wilpark.org, Stephen Wilson swilson@wilpark.org, "Berger, Brigitte" bergerb@wilmette.com, Darren Olson

<dolson@cbbel.com>

Cc: Candido < sophiecandido@gmail.com >

Subject: [external] Neighborhood support for MOU as it pertains to Thornwood Park

Park District Board,

The Colgate Street Neighborhood Association has been encouraged by our two-way dialogues with the Park District and engineers about the specifics of the Stormwater Management Project's impact on Thornwood Park.

We have been encouraged by the language and visuals present in the Memorandum of Understanding as it related to Thornwood Park. We are thrilled that Alternative Configuration 2 is being proposed and we feel more at ease with the language printed within the MOU as it pertains to the ability to slightly modify the proposed vault, before the Intergovernmental Agreement is signed.

According to the Memorandum of Understanding,

"STORAGE RESERVOIR CONFIGURATION AND EXCAVATION LIMITS SHOWN ARE CONCEPTUAL WITH THE PURPOSE OF IDENTIFYING THE STORAGE RESERVOIR LOCATION AND APPROXIMATE FOOTPRINT. EXACT FOOTPRINT AND LIMITS WILL BE DEFINED DURING FINAL ENGINEERING DESIGN.

THE LOCATION OF THE EQUIPMENT PAD AND/OR PUMP STATION AND GENERATOR WILL BE DETERMINED IN CONJUNCTION WITH THE PARK DISTRICT AT A LATER DATE."

This wording is consistent with written and verbal communications we have had with the Park District Board and staff. We look forward to working together to gather public input from our neighbors in reaction to design proposals. Our neighbors would love to give further input about pumping station location, generator type/location, presence of additional amenities (e.g., restrooms), and vault and excavation location. We hope to have access to all proposals or designs in order to gather public input.

We also hope to ask questions at meetings in the future, after the engineers present new ideas. It makes communication much more efficient when we can give public input AFTER seeing the latest presentation.

We also felt that the May 22, 2019 meeting within Thornwood Park was very helpful for data gathering. We would like to request that at least one other public meeting is held in the park before the Intergovernmental Agreement, so that neighbors can visually and viscerally react to proposed configurations and usages.

And, as we've also mentioned in other emails, we hope to be involved as language is drafted to cover topics such as: routes of construction trucks, hours of construction, safety and security at the construction site, road repavement, and legal protection against unforeseen consequences of construction such as water runoff issues for neighboring properties, radon, damage from construction dust, etc. We hope to have enough time for our local land use lawyer to review each draft.

As you can tell, Thornwood Park is much beloved by its users exactly as it is. The Park District has done an exceptional job of designing a park that is perfect for its users, and we hope that after construction, the park remains exactly the same, as much as possible.

Thank you,
Colgate Street Neighborhood Association

From: Amy Wolfe

Sent: Monday, August 19, 2019 4:12 PM

To: Stephen Wilson

Subject: Fwd: [external] Highcrest Grove

Sent from my iPad

Begin forwarded message:

From: Lauren Stremmel < laurenstremmel@gmail.com>

Date: August 19, 2019 at 3:37:05 PM CDT

To: <awolfe@wilpark.org>

Subject: [external] Highcrest Grove

Dear Ms. Wolfe,

My name is Lauren Stremmel. I grew up in Wilmette and have lived on the North Shore nearly my entire life.

When I was informed of the Parks Board's deliberation regarding whether or not to cut down the beautiful, ancient, lovely trees in the Highcrest Grove, I felt I had to reach out.

I attended Highcrest Middle School and Wilmette Junior High School from 2003-2007. I watched my sister, Meredith, play soccer on those fields for years all throughout middle and high school. And now my cousin Natalie plays soccer in the same place. I remember field days, extra curricular activities, and class projects under the shade of those trees. One in particular comes to mind — a 7th grade reading class performance of Shakespeare's A MIDSUMMER NIGHT'S DREAM in which we used the shade of Highcrest Grove as Titania, the fairy queen's home. That project changed my life, as silly as that may sound. It was my first experience with Shakespeare and set me on a journey in the performing and entertainment arts. I then went to Northwestern to study theatre and am now a screenwriter. I quoted Shakespeare in a script just this morning.

The green spaces that played so heavily in my childhood have helped me become the person I am today. I care about our planet and our environment — we only have one — and partially credit my daily use of Wilmette's parks for my current degree of social awareness in this particular arena. Many of the trees in Highcrest Grove have been on this planet much longer than I have. They've given me shade and shelter, helped me play and learn, and taught me to appreciate the world around me. It's my turn to shelter them.

I urge you and the rest of the Wilmette Parks Board to please vote "no" to cutting down these trees that are — to me, my family, my classmates, and my friends — iconic and important. Thank you for your time.

Wishing you all the best, Lauren Stremmel

Subject:

From: Rick Prohov <rprohov@paalaw.com>
Sent: Monday, August 19, 2019 3:01 PM

To: Mike Murdock; Amy Wolfe; Gordon Anderson; Bryan Abbott; Cecilia Clarke; Julia Goebel;

Todd Shissler; Bielinski, Bob; Stephen Wilson; joelforwilmette@gmail.com;

barrowp@wilmette.com; doddk@wilmette.com; kennedyg@wilmette.com; Berger, Brigitte; Frenzer, Tim; gina.b.kennedy@comcast.net; joelforwilmette@gmail.com; Bryan Abbott; Gordon Anderson; Berger, Brigitte; Michael Braiman; kurzmanj@wilmette.com [external] THE PEOPLE HAVE SPOKEN: TONIGHT THE PARK BOARD VOTES - 7:30 PM

547 WILMETTE SUPPORTERS | 1,023 Total Supporters SAVE THE TREES!



A few more comments received with our petition @: https://www.thepetitionsite.com/119/992/219/save-the-trees-in-highcrest-grove-no-floods-no-destruction/

BARBARA B. an hour ago

It is your primary responsibility as a Park Board to protect, preserve and enhance our parks and open areas for the citizens of Wilmette. There are many other options for additional soccer space within the village and adjoining villages. There are not other options for the cottonwoods. The facts are clear. Do the right thing.

Michael O. 2 hours ago

These Cottonwood trees are beautiful and irreplaceable. Cutting them down is a terrible awful shame. I suggest putting the needed storm water reservoir under other areas of the playfields where no trees need be lost. Play can rotate until it is finished. Certainly we

have sufficient playfields in the Village such that additional play space is not really needed. Thank you.

Steven S. 20 hours ago

Environmental costs. More destruction to the natural world that efficiently does the job of keeping our climate healthy. Not a wise move especially in light of what is happening to our climate. Seems like a small change in a large world but every little action adds up. Save the trees and our environment.

Susan S. a day ago

Please don't remove these wonderful old growth trees, which are functioning in a water storage capacity

name not displayed 3 days ago This tree removal is not necessary.

Respectfully submitted

By the Friends of Highcrest Grove, Inc.

Rick Prohov, its attorney

Fredric B. Prohov, J.D., CM&AA, LEED AP

Prohov & Associates, Ltd. 134 North LaSalle Street – Suite 2100 Chicago, Illinois 60602 Phone: (312) 807 - 3965

Cell Phone: (312) 925 – 5444

Email: rprohov@paalaw.com

www.paalaw.com

Confidentiality Notice:

This electronic mail message and any attached files contain information intended for the exclusive use of the individual or entity to whom it is addressed. Such message may contain information that is proprietary, privileged, confidential and/or exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any viewing, copying, disclosure or distribution of this information may be subject to legal restriction or sanction. Please notify sender, by electronic mail or telephone, of any unintended recipients and delete the original message without making copies.

Circular 230 Disclosures:

Pursuant to regulations Governing Practice before the Internal Revenue Service, any tax advice contained herein is not intended or written to be used and cannot be used by a taxpayer for the purpose of avoiding tax penalties that may be imposed upon the taxpayer.



From: Gordon Anderson

Sent: Monday, August 19, 2019 11:23 AM

To: Stephen Wilson
Cc: Libby Baker

Subject: Fwd: [external] storm water and trees

Steve

For the packet.

Gordon

Begin forwarded message:

From: Karen Glennemeier < kglennemeier@gmail.com>

Date: August 19, 2019 at 11:18:38 AM CDT

To: Amy Wolfe <a wolfe@wilpark.org>, Gordon Anderson <ganderson@wilpark.org>, Bryan

Abbott <<u>babbott@wilpark.org</u>>, Mike Murdock <<u>mmurdock@wilpark.org</u>>, <<u>cclarke@wilpark.org</u>>, <<u>igoebel@wilpark.org</u>>, <tshissler@wilpark.org>

Subject: [external] storm water and trees

Dear Board of Commissioners:

I understand that you are grappling with very difficult decisions with regard to the locations and sizes of storm water tanks under Wilmette parks. As an ecologist, I applaud your decision to preserve oak trees at Thornwood and Hibbard Parks. Oaks form the backbone of our Midwestern ecosystems, are slow growing, and are in decline within the Chicago region.

The ecological value of cottonwood trees is lower than that of oaks, and they are a relatively fast-growing species that is abundant in our region. Therefore, while it would be ideal to save these trees at Community Playfields, their habitat value can more easily be replaced than would have been the case with lost oak trees.

I urge you to follow through on your promise to replace the lost cottonwoods with trees of equal or greater habitat value, and I would urge you to go further than simply replacing the trees but to create a functional habitat that includes oak trees, smaller trees and shrubs, and wildflowers, using only species that are native to the Chicago region. Such an oak grove would provide habitat for birds, butterflies, and pollinators as well as a new place for adults and children to explore, and there are spaces within Community Park that could accommodate it.

It seems fitting to compensate the neighbors who will be losing their beloved cottonwood grove with something even more valuable and more inviting, that will begin creating its own memories for neighborhood families.

Thank you for the opportunity to comment, Karen Glennemeier 719 Laurel Avenue

From: Julia Goebel

Sent: Monday, August 19, 2019 10:11 AM

To: Stephen Wilson

Subject: Fwd: [external] Flooding

Correspondence

Julia Goebel

Commissioner Wilmette Park District jgoebel@wilpark.org

Begin forwarded message:

From: Cathy Morris Priest < crmpriest@aol.com>
Date: August 19, 2019 at 7:31:56 AM CDT

To: < jgoebel@wilpark.org>
Subject: [external] Flooding

Dear Julia,

As a resident of Wilmette for nearly 30 years, I have a passion for our town and our Park District. Thank you for all you do to care for our parks.

I hope that as you vote for the plan to resolve our west side flooding issues you take into account the tax payer's burden, as well as the long standing issue of flooding in west Wilmette.

Please vote for the plan that spends the least of our tax dollars and maintains the integrity of a park like setting with grand trees as much as possible. Both of these are what our citizens of Wilmette prefer: low tax expenditures, and the integrity of mature and grand trees that cover our town making it look established and welcoming (not to mention providing the middle school and soccer parents with great shade as they enjoy their soccer games and outdoor classes).

As I head back to work at WJHS, I hope to see construction begin soon, as we all are in need of the flooding issue to be addressed ASAP.

Many thanks for your work,

Cathy Priest

From: Julia Goebel

Sent: Monday, August 19, 2019 10:11 AM

To: Stephen Wilson

Subject: Fwd: [external] Flood Plan

Correspondence.

Julia Goebel

Commissioner Wilmette Park District jgoebel@wilpark.org

Begin forwarded message:

From: Mark Schoenfield < mark.schoenfield@gmail.com >

Date: August 19, 2019 at 7:23:24 AM CDT

To: < jgoebel@wilpark.org>

Cc: Mark Schoenfield < mark.schoenfield@gmail.com >, Barbara Schoenfield < barb.schoenfield@gmail.com >

Subject: [external] Flood Plan

Cut down the cottonwoods so we have a good flood plan Mark and Barbara Schoenfield 328 Wilshire Drive West Wilmette

Sent from my iPhone

From: Amy Wolfe

Sent: Monday, August 19, 2019 8:01 AM

To: Stephen Wilson

Subject: Fwd: [external] Flood plan

Begin forwarded message:

From: Mark Schoenfield < mark.schoenfield@gmail.com >

Subject: [external] Flood plan

Date: August 19, 2019 at 7:16:35 AM CDT

To: <awolfe@wilpark.org>

Cc: Barbara Schoenfield <barb.schoenfield@gmail.com>, Mark Schoenfield

<mark.schoenfield@gmail.com>

Cut down the cottonwoods so we have a good flood plan Mark and Barbara Schoenfield 328 Wilshire Drive West Wilmette

Sent from my iPhone

From:

Amy Wolfe

Sent:

Monday, August 19, 2019 8:01 AM

To:

Stephen Wilson

Subject:

Fwd: [external] Flooding Projects

Begin forwarded message:

From: Cathy Morris Priest < crmpriest@gmail.com>

Subject: [external] Flooding Projects

Date: August 19, 2019 at 7:29:08 AM CDT

To: <awolfe@wilpark.org>

Dear Amy,

As a resident of Wilmette for nearly 30 years, I have a passion for our town and our Park District. Thank you for all you do to care for our parks.

I hope that as you vote for the plan to resolve our west side flooding issues you take into account the tax payer's burden, as well as the long standing issue of flooding in west Wilmette. Please vote for the plan that spends the least of our tax dollars and maintains the integrity of a park like setting with grand trees as much as possible. Both of these are what our citizens of Wilmette prefer: low tax expenditures, and the integrity of mature and grand trees that cover our town making look established and welcoming (not to mention providing the middle school and soccer parents with great shade as they enjoy their soccer games and outdoor classes).

As I head back to work at WJHS, I hope to see construction begin soon, as we all are in need of the flooding issue to be addressed ASAP.

Many thanks for your work,

Cathy Priest

From: Amy Wolfe

Sent: Sunday, August 18, 2019 6:51 PM

To: Stephen Wilson

Subject: Fwd: [external] Fwd: Highcrest trees/Stormwater

Begin forwarded message:

From: piper rothschild < rotwood@comcast.net >

Subject: [external] Fwd: Highcrest trees/Stormwater

Date: August 18, 2019 at 4:17:22 PM CDT

To: <awolfe@wilpark.org>

Dear Commissioner Wolfe:

I see now that I mistakenly forgot to add your email. I apologize.

Piper Rothschild

Begin forwarded message:

From: piper rothschild <rotwood@comcast.net>

Subject: Highcrest trees/Stormwater

Date: August 16, 2019 at 2:07:52 PM CDT

To: <u>babbott@wilpark.org</u>, Gordon Anderson <<u>ganderson@wilpark.org</u>>, <u>cclarke@wilpark.org</u>, <u>igoebel@wilpark.org</u>, <u>mmurdock@wilpark.org</u>,

tshissler@wilpark.org

Cc: Stephen Wilson < swilson@wilpark.org >

Dear Board of Commissioners:

I echo the viewpoints of every speaker at Monday's meeting and urge you to choose a stormwater plan that does not destroy the Highcrest trees or unnecessarily burden taxpayers.

These are old growth trees whose aesthetic and environmental value should not be easily dismissed and cannot be replaced merely by planting young trees, no matter the number.

Moreover, and maybe more important to many more residents, it is unconscionable to ask us to pay over \$800,000 extra for playing fields that the District has not yet demonstrated a certain, fact-based need for. Nor has the District established with certainty that the \$800,000 will be recouped through

revenue within a reasonable time frame.

As was well-established at the meeting, these trees are important to all residents, young and old, not just those who live adjacent to the park. Whether we visit these trees daily or never see them, many of chose Wilmette in part because of its beautiful trees, and all of us will lose something if these trees are needlessly destroyed. Doing that would set a bad precedent for all of our parks and be clearly contrary to the District's mission of "protecting open space and natural resources."

Thank you for your consideration and the time and effort you spend serving on the Board.

Sincerely,

Piper Rothschild 1046 Elmwood Ave Wilmette

From: Julia Goebel

Sent: Sunday, August 18, 2019 2:33 PM **To:** Libby Baker; Stephen Wilson

Subject: Fwd: [external] Corrected: Stormwater Project at Community Playfield

Correspondence

Julia Goebel

Commissioner Wilmette Park District jgoebel@wilpark.org

Begin forwarded message:

From: Lisa Eatman < lkeatman@sbcglobal.net > Date: August 17, 2019 at 6:10:11 PM CDT

To: "awolfe@wilpark.org" awolfe@wilpark.org, "ganderson@wilpark.org" ganderson@wilpark.org

"babbott@wilpark.org" <babbott@wilpark.org>, "mmurdock@wilpark.org" <mmurdock@wilpark.org>,

"cclarke@wilpark.org" <cclarke@wilpark.org>, "jgoebel@wilpark.org" <jgoebel@wilpark.org>,

Subject: [external] Corrected: Stormwater Project at Community Playfield

Reply-To: Lisa Eatman lkeatman@sbcglobal.net>

Dear Commissioners:

I want to thank you for your service to the community. I appreciate your commitment and understand the challenge of having to make tough decisions.

As a community member, I truly understand the need for the project. I remember attending Village Board meetings perhaps 35 years ago after a series of floods all over town. I wholly support this stormwater project to give relief to our neighborhood. I am writing to ask you to give significant consideration to saving the trees.

I am a lifelong resident of Wilmette. Our family built a house on Birchwood near Locust in 1956. As a child I spent many hours playing all over the park. I have lived on Meadow Drive North for 25 years. I spent many hours at the park playing with my kids and watching them play soccer and more. I also watched my kids run their school runs around the trees and sit under the trees on hot days at camp. While I no longer have kids at camp or school, I see people of all ages enjoying the natural beauty and the shade offered by the somewhat limited number of trees in this large park.

It is my understanding that while adding field space may be desirable, there is not currently high demand for additional fields. I also believe the trees are still in reasonably good shape and are important for the environment.

[&]quot;tshissler@wilpark.org" <tshissler@wilpark.org>

Residents trust that our Park District Board will make the best decision that accomplishes the project goals, minimizes the risk of failure of the system they choose, and preserves as much of the natural beauty as possible while keeping costs in mind. From my review of the documents, the best option appears to be the "**Z**" shaped one with minimal tree loss, not as deep excavation, no pumping station required, and lower cost than the original plan that eliminates the grove.

I understand that this may be viewed as an opportunity for the Park District to expand the fields for possible future needs. If there comes a time when more space is needed on a regular basis or a significant number of trees are dying, I trust that our community will support the Park District.

I hope that you will give serious consideration to the option that does not include destroying the grove in our great community, which is known for many wonderful attributes, including its beautiful trees.

Thank you for your consideration.

Lisa Eatman

2343 Meadow Drive North

From: Gordon Anderson

Sent: Sunday, August 18, 2019 9:54 AM

To: Stephen Wilson Cc: Libby Baker

Subject: Fwd: [external] Stormwater Project at Community Playfield

Steve

For public comment portion of packet.

Gordon

Begin forwarded message:

From: Lisa Eatman < lkeatman@sbcglobal.net > Date: August 17, 2019 at 6:01:41 PM CDT

To: "awolfe@wilpark.org" <awolfe@wilpark.org>, "ganderson@wilpark.org" <ganderson@wilpark.org>, "babbott@wilpark.org" <babbott@wilpark.org>, "mmurdock@wilpark.org" <mmurdock@wilpark.org" <clarke@wilpark.org" <clarke@wilpark.org>, "jgoebel@wilpark.org" <jgoebel@wilpark.org>, "tshissler@wilpark.org" <tshissler@wilpark.org>

Subject: [external] Stormwater Project at Community Playfield

Reply-To: Lisa Eatman < lkeatman@sbcglobal.net>

Dear Commissioners:

I want to thank you for your service to the community. I appreciate your commitment and understand the challenge of having to make tough decisions.

As a community member, I truly understand the need for the project. I remember attending Village Board meetings perhaps 35 years ago after a series of floods all over town. I wholly support this stormwater project to give relief to our neighborhood. I am writing to ask you to give significant consideration to saving the trees.

I am a lifelong resident of Wilmette. Our family built a house on Birchwood near Locust in 1956. As a child I spent many hours playing all over the park. I have lived on Meadow Drive North for 25 years. I spent many hours at the park playing with my kids and watching them play soccer and more. I also watched my kids run their school runs around the trees and sit under the trees on hot days at camp. While I no longer have kids at camp or school, I see people of all ages enjoying the natural beauty and the shade offered by the somewhat limited number of trees in this large park.

It is my understanding that while adding field space may be desirable, there is not currently high demand for additional fields. I also believe the trees are still in reasonably good shape and are important for the environment.

Residents trust that our Park District Board will make the best decision that accomplishes the project goals, minimizes the risk of failure of the system they choose,

and preserves as much of the natural beauty as possible while keeping costs in mind. From my review of the documents, the best option appears to be the "**Z**" shaped one with minimal tree loss, not as deep excavation, no pumping station required, and lower cost than the original plan that eliminates the grove.

I understand that this may be viewed as an opportunity for the Park District to expand the fields for possible future needs. If there comes a time when more space is needed on a regular basis or a significant number of trees are dying, I trust that our community will support the Park District.

I hope that you will give serious consideration to the option that does not include destroying the grove in our great community, which is known for many wonderful attributes, including its beautiful trees.

Thank you for your consideration.

Lisa Eatman

2343 Meadow Drive North

From: Julia Goebel

Sent: Saturday, August 17, 2019 6:46 PM
To: Libby Baker; Stephen Wilson

Subject: Fwd: [external] Storm Water Project & Cottonwood Tree Grove

Correspondence

Julia Goebel

Commissioner
Wilmette Park District
igoebel@wilpark.org

Begin forwarded message:

From: Jeffrey Sacks < jeffreysacks@6cg.com > Date: August 17, 2019 at 11:39:32 AM CDT

To: "awolfe@wilpark.org" <awolfe@wilpark.org>, "ganderson@wilpark.org" <ganderson@wilpark.org>, "babbott@wilpark.org" <babbott@wilpark.org>, "mmurdock@wilpark.org" <mmurdock@wilpark.org>,

"cclarke@wilpark.org" <cclarke@wilpark.org>, "jgoebel@wilpark.org" <jgoebel@wilpark.org>, "tshissler@wilpark.org"

<tshissler@wilpark.org>

Subject: [external] Storm Water Project & Cottonwood Tree Grove

Dear Wilmette Park Board Commissioners:

Over the past few weeks I have attended and spoken at both Village Board and Park Board meetings regarding my views about the storm water construction options and the need to take down 32 mature and healthy cottonwood trees. Many village residents speaking at both forums expressed emotional reasons for why the trees should be spared. Some of the presenters were children who use the park and attend Highcrest Middle School; others included long time village residents with personal connections to the park and their stories were highly emotional.

One of the key points about this project that I've learned is that there is an alternative option which has been presented as being:

- Equally effective in controlling the storm water problem;
- Less expensive by at least \$750,000; and
- Does not involve the destruction of 32 healthy trees.

What I have also tried to determine is where is the need for increased field usage coming from? I've looked at past board minutes and not found anything other than anecdotal commentary about the desire for more usable space. Presumably, this means space for sports and not for relaxation and comfort under mature leafy trees. I am an accountant by profession, so I tend to want to see relevant and valid facts and forecasts driving decisions, not wishes, beliefs or emotions. Searching for, and not finding, any facts or forecasts regarding the issue of "additional usage" leads me to believe that decisions are being formed more by emotion and not by facts because, putting the tree issue aside, I

do not understand why our Board would even consider an option that costs an additional \$750,000 of taxpayer money when there is a less expensive option that has been presented as equally effective.

Assuming that the Park Board views itself as fiscally responsible, then there must be one or more reasons for Commissioners that support the more expensive option. I ask that each Commissioner that supports the more expensive option to state their reasons with fact-based explanations and not merely stating "more usable space", as has been done in prior meeting minutes.

There is no apparent downside to choosing the less expensive option that saves the Village \$750,000 and saves the 32 cottonwood trees. If, in the future, there is a legitimate need for more space in the park for sports, then appropriate decisions can be made at that time. But as you know, once the trees are taken down, there is no going back. So, please, think about your vote and cast your vote based upon real facts and not emotion.

Thank you,
Jeffrey Sacks
2412 Meadow Drive North

From: Julia Goebel

Sent: Saturday, August 17, 2019 6:45 PM
To: Stephen Wilson; Libby Baker

Cc: Amy Wolfe

Subject: Fwd: [external] Corrected: Stormwater Project at Community Playfield

Correspondence

Julia Goebel

Commissioner Wilmette Park District igoebel@wilpark.org

Begin forwarded message:

From: Lisa Eatman < lkeatman@sbcglobal.net > Date: August 17, 2019 at 6:10:11 PM CDT

To: "awolfe@wilpark.org" <awolfe@wilpark.org>, "ganderson@wilpark.org" <ganderson@wilpark.org>, "babbott@wilpark.org" <babbott@wilpark.org>, "mmurdock@wilpark.org" <mmurdock@wilpark.org>, "cclarke@wilpark.org" <cclarke@wilpark.org>, "igoebel@wilpark.org" <jgoebel@wilpark.org>,

"tshissler@wilpark.org" <tshissler@wilpark.org>

Subject: [external] Corrected: Stormwater Project at Community Playfield

Reply-To: Lisa Eatman < lkeatman@sbcglobal.net>

Dear Commissioners:

I want to thank you for your service to the community. I appreciate your commitment and understand the challenge of having to make tough decisions.

As a community member, I truly understand the need for the project. I remember attending Village Board meetings perhaps 35 years ago after a series of floods all over town. I wholly support this stormwater project to give relief to our neighborhood. I am writing to ask you to give significant consideration to saving the trees.

I am a lifelong resident of Wilmette. Our family built a house on Birchwood near Locust in 1956. As a child I spent many hours playing all over the park. I have lived on Meadow Drive North for 25 years. I spent many hours at the park playing with my kids and watching them play soccer and more. I also watched my kids run their school runs around the trees and sit under the trees on hot days at camp. While I no longer have kids at camp or school, I see people of all ages enjoying the natural beauty and the shade offered by the somewhat limited number of trees in this large park.

It is my understanding that while adding field space may be desirable, there is not currently high demand for additional fields. I also believe the trees are still in reasonably good shape and are important for the environment.

Residents trust that our Park District Board will make the best decision that accomplishes the project goals, minimizes the risk of failure of the system they choose, and preserves as much of the natural beauty as possible while keeping costs in mind. From my review of the documents, the best option appears to be the "Z" shaped one with minimal tree loss, not as deep excavation, no pumping station required, and lower cost than the original plan that eliminates the grove.

I understand that this may be viewed as an opportunity for the Park District to expand the fields for possible future needs. If there comes a time when more space is needed on a regular basis or a significant number of trees are dying, I trust that our community will support the Park District.

I hope that you will give serious consideration to the option that does not include destroying the grove in our great community, which is known for many wonderful attributes, including its beautiful trees.

Thank you for your consideration.

Lisa Eatman

2343 Meadow Drive North

From: Julia Goebel

Sent: Saturday, August 17, 2019 6:45 PM
To: Libby Baker; Stephen Wilson

Cc: Amy Wolfe

Subject: Fwd: [external] LWV interview; community input

Correspondence

Julia Goebel

Commissioner Wilmette Park District jgoebel@wilpark.org

Begin forwarded message:

From: Herb Engelhard < hengelhard@sbcglobal.net>

Date: August 17, 2019 at 4:33:35 PM CDT

To: "jgoebel@wilpark.org" <jgoebel@wilpark.org>
Subject: [external] LWV interview; community input

Dear Ms. Goebel:

In light of the comments of the residents last week, and the petition with 540/1015 supporters so far -

https://www.thepetitionsite.com/119/992/219/save-the-trees-in-highcrest-grove-no-floods-no-destruction/

- we hope that you will reconsider your stance as voiced in the LWV interview that "In the case of Community Playfields, the proposed storage unit will be in a low-lying area which floods and is sometimes unusable, near Highcrest Middle School."

In fact, this area was designed to flood, and the trees help soak up this water. The community loves their grove, for many different reasons. The statement from the Highcrest French teacher on Monday was particularly compelling, as was the petition by the middle schoolers - which was done totally of their own accord.

You personally are an expert on community input and participation! The communication to the Park District commissioners couldn't be any clearer. The residents desire a stormwater solution that preserves all of their *parks* - not a conversion to fields. Taking out tree groves - even cottonwoods - is not an improvement. Let's do something positive and make this into an improved nature area - right in Highcrest's back yard. Friends of Highcrest Grove will work with you on this, under your leadership, if you wish.

You have also espoused sound financial management, which we applaud! As you know, the cost of adding the additional soccer field - the need for which has not been adequately demonstrated to the public, especially considering the decreasing population of students - would simply be shifted to the Village residents through an increase in their water bill. We understand that the Avoca fields are no longer available - we can make better use of the space that we already have. Don't believe the line that this is a "once in a generation" opportunity - you could always take out a tree grove if you needed to. Destruction of the tree grove at Highcrest will be an immediate *loss* to three generations - and beyond. Do you really admire the surface at West Park?

As an elected official, you wanted to "contribute to maintaining our beautiful parks." Your vote at this juncture is absolutely critical. Thank you for your consideration - Eileen and Herb Engelhard

From: csadel1@aol.com

Saturday, August 17, 2019 4:39 PM Sent:

To: Stephen Wilson

[external] Fwd: Mayors' Monarch Pledge Implementation **Subject:**

Attachments: 92176-22-01.jpg; Marnie's garden-crop.JPG; somme wetland.jpg;

proclamationreduce.jpg; Monarch proc language.pdf; Milkweeds-of-Central-US_plus-

vendors_XercesSociety.pdf

Charlotte Adelman, co-author of The Midwestern Native Garden; Midwestern Native Shrubs and

Trees, Prairie Directory of North America, Prairie Directory of North America 2nd

Edition: author of WBAI 75.

232 Lawndale Street Wilmette, IL 60091 847-251-6726

----Original Message----

From: csadel1 <csadel1@aol.com>

To: bielinskib
 bielinskib@wilmette.com>; frenzert <frenzert@wilmette.com>; rebecca.j.boyd

gina.b.kennedy < gina.b.kennedy@comcast.net>

Cc: dudamann <dudamann@comcast.net>; heronflying <heronflying@gmail.com>; Janet.palmer

<Janet.palmer@northbrook.il.us>; gogreenwilmetteinfo <gogreenwilmetteinfo@gmail.com>; littlegardenclub.wilmette

littlegardenclub.wilmette@gmail.com>; swilsonswilson <swilsonswilson@wilpark.org>

Sent: Sat, Aug 17, 2019 4:36 pm

Subject: Mayors' Monarch Pledge Implementation

Bob Bielinski. President of Wilmette Tim Frenzer, Village Manager and other Wilmette leadership

Re: Hello Mr. Bielinski and Mr. Frenzer:

I apologize for having sent repetitive emails by mistake.

On July 29th, while leading a tour of the Wilmette Prairie for Monarch Maniacs of Northern Illinois, two members who reside in Northbrook told me about the Mayor of Northbrook, IL having signed a proclamation to participate in the Mayors' Monarch Pledge. By taking the plege, Northbrook committed to restoring habitat for the Monarch Butterfly, and encouraging its residents to do the same through education. The pledge has been taken throughout the United States by local government officials in an effort to save the monarch butterfly. Information about this program is at:

https://monarchiointventure.org/images/uploads/documents/Monarch-Conservation-in-Americas-

Cities Guide-121715.pdf

Examples of cities in the program include:

https://www.deerfield.il.us/643/Mayors-Monarch-Pledge

http://www.citvofbranson.org/592/Mayors-Milkweed-for-Monarchs

https://www.dailyherald.com/submitted/20170502/mayor-signs-pledge-for-monarch-butterfly-conservation

After contacting the Village of Northbrook, Janet Palmer, Administrative Assistant, Janet.palmer@northbrook.il.us 847/664-4019 sent me Northbrook's Monarch Way Station Proclamation, which is an exhibit on this email.

I ask Wilmette President Bielinski to establish a Monarch Way Station in Wilmette (and issue a proclamation honoring its establishment urging all Wilmette residents to do their part by planting milkweed, the exclusive source for monarch larvae, so that every parcel of property in Wilmette may contribute to the survival of the monarch butterfly, as well as by providing nectar by planting other native herbaceous and woody plants.).

I believe that Wilmette residents will enthusiastically welcome and support the establishment by Wilmette's President of Wilmette as a Monarch Way Station. Leadership from Wilmette's President will inspire and encourage all Wilmette residents. Many Wilmette residents already garden and landscape to help monarchs and other native wildlife. But even more remain unaware that planting specific, easily obtainable plants will help save the Illinois State Insect. Creating monarch butterly habitat is a practical, aesthetically rewarding, and attainable goal that benefits the entire community.

By the way, in addition to the abundant information at

https://monarchjointventure.org/images/uploads/documents/Monarch-Conservation-in-Americas-Cities Guide-121715.pdf the Little Garden Club of Wilmette offers the excellent *Pocket Prairie Gardens - Monarch Safe Havens, A Yard At A*

Time. https://www.gogreenwilmette.org/wp-content/uploads/2018/04/LGCW-Pocket-PrairieSM-Brochure2017.pdf

I feel confident that establishing Wilmette as a Monarch Way Station will produce gratitude and support from Go Green Wilmette, the Little Garden Club of Wilmette, the Wilmette Park District, and numerous other Wilmette groups and individuals. If you have questions about this program you might contact: Dale Duda of Northbrook at dudamann@comcast.net.

If I can be of any assistance in helping this project succeed, please let me know.

Thank you.

Sincerely.

Charlotte Adelman

Charlotte Adelman, co-author of <u>The Midwestern Native Garden</u>; <u>Midwestern Native Shrubs and Trees</u>; <u>Prairie Directory of North America</u>; <u>Prairie Directory of North America</u> 2nd Edition; author of <u>WBAI 75</u>.

232 Lawndale Street Wilmette, IL 60091 847-251-6726

-----Original Message-----

From: csadel1 < csadel1@aol.com>

To: bielinskib <bielinskib@wilmette.com>; frenzert <frenzert@wilmette.com>

Cc: rebecca.j.boyd <rebecca.j.boyd@gmail.com>; braimanm <braimanm@wilmette.com>; bergerb

<bergerb@wilmette.com>; gina.b.kennedy < gina.b.kennedy@comcast.net>

Sent: Sat, Aug 17, 2019 1:49 pm

Subject: Fwd: Mayors' Monarch Pledge Implementation

Bob Bielinski, President of Wilmette Tim frenzer, Village Manager

Hello Mr. Bielinski and Mr. Frenzer:

I send you an email regarding transforming Wilmette into a Monarch Way Station, including exhibits.

Transforming Wilmette into a Monarch Way Station is a great way to implement the EEC's environmental goals.

The **Monarch Way Station** program will compliment and enhance recent Wilmette's recent wonderful initiatives to become butterfly friendly.

If I can help, let me know. And, assistance is available from Dale Duda (see below)!

The *Beacon* images from the recent prairie tour sponsored by the Monarch Maniacs of Northern IL depict some of Wilmette's monarch friendly habitat.

https://www.chicagotribune.com/suburbs/northbrook/ct-nbs-monarch-butterfly-preservation-tl-0817-20170815-story.html

Keep me posted!!! Thanks. Charlotte

The Wilmette





68 °F / 20 °C Friday, August 9, 2019

Little tour on the prairie at Centennial Park





August 6, 2019 - 2:11pm

This prairie is a gem in Wilmette on the SW corner of Wilmette Ave and Hunter (park at the Community Gardens or the pool). A 10-15 min hike around the perimeter brings you eye-to-eye with a myriad of native plants, many in bloom, and it changes every day. Many native bees, butterflies, and birds can be found there and at dusk, fireflies. Great opportunities for photography or a quick stress-relieving serenity break from errands and carpooling once you know where it is. Highly recommended!





Photos by Rhonda Holcomb/22nd Century Media Charlotte Adelman, of Go Green Wilmette, points out a water plant and explains how the leaves hold water for birds, bugs and frogs July 29 at the Centennial Park Prairie in Wilmette.

----Original Message-----

From: Dale Duda <dudamann@comcast.net>

To: csadel1 <csadel1@aol.com> Sent: Thu, Aug 1, 2019 1:28 pm

Subject: Mayors' Monarch Pledge Implementation

Hi Charlotte, Here is the packet of attachments we've been sending to mayors in Lake and northern Cook counties.

Let me know if there's anything else I can help you with in getting your town to be a Monarch Way Station.

Monarch Maniacs of Northern IL

1116 Donegal Lane

Northbrook, IL 60062

April 10, 2019

Thank you for recently signing the Mayors' Monarch Pledge. As you may know the iconic monarch butterfly, like many native insects, is in deep trouble. Their numbers are down by 97% over the past two decades. This is due to a variety of reasons, but habitat loss is the major one. The good news is that there is still time to reverse this trend.

We are asking you to fulfill your pledge by declaring your town a Monarch Way Station. How? By encouraging your residents to plant milkweed, the <u>only</u> plant that monarchs lay their eggs on. The attachments we've included offers a simple and easy blueprint:

- Proclamation language, which sets a goal for your town.
- A 1-page educational guide to help residents understand the problem and solution. It also contains website resources.
- A photo of a beautiful native garden--a picture is worth a thousand words.
- A sample of signage that tells your community "we're a Monarch Way Station!"
- A list of types of milkweed plants native to the Midwest.

We are are grassroots group affiliated with the Sierra Club in Northern Cook and Lake counties who are ready to assist you in implementing a Way Station program in your town. We did this in Northbrook, which can be used as a guide, and we're ready to help you do it in your town. May we have a conversation? We'll contact you shortly.

Thanking you in advance,

Dale Duda

Cindy Blue

co-chairs, Milkweed for Monarchs Campaign, aka Monarch Maniacs 847-272-6359

From: Amy Wolfe

Sent: Saturday, August 17, 2019 4:32 PM

To: Stephen Wilson

Subject: Fwd: [external] Hibbard Park

Begin forwarded message:

From: Eleanor Plotnick < damen7433@icloud.com >

Subject: [external] Hibbard Park

Date: August 17, 2019 at 12:51:08 PM CDT

To: <awolfe@wilpark.org>

Sent from my iPad. Dear Ms. Wolfe, My husband and I are very unhappy about trees being removed from Hibbard Park. We moved here thirty years ago, and it has taken thirty years for those trees to become beautiful shade trees. Small replacement trees will not do the same job. I walk through the park almost daily and enjoy the beauty and the shade. I hope another option can be found. Eleanor Plotnick

From: Amy Wolfe

Sent: Saturday, August 17, 2019 4:32 PM

To: Stephen Wilson

Subject: Fwd: [external] Community Play Fields cottonwood grove

Begin forwarded message:

From: Jeanette Bourey <bu />
boureyjm@gmail.com

Subject: [external] Community Play Fields cottonwood grove

Date: August 17, 2019 at 12:07:14 PM CDT

To: <awolfe@wilpark.org>

Hello,

I live down the street from the playfields. While I understand the environmental benefits of trees in general, I favor getting rid of the cottonwood trees. Every Spring they create a white blanket in the air and on our lawns. They clog air-conditioning units, shortening motor life, and making them less efficient until they are cleaned. Please continue with the plan to cut these down and replace them with nicer more environmentally friendly species.

Jeanette Bourey 2811 Birchwood Ave

From: Amy Wolfe

Sent: Saturday, August 17, 2019 4:32 PM

To: Stephen Wilson

Subject: Fwd: [external] Storm Water Project & Cottonwood Tree Grove

Begin forwarded message:

From: Jeffrey Sacks < jeffreysacks@6cg.com>

Subject: [external] Storm Water Project & Cottonwood Tree Grove

Date: August 17, 2019 at 11:39:32 AM CDT

To: "awolfe@wilpark.org" <awolfe@wilpark.org>, "ganderson@wilpark.org" <amolfe@wilpark.org>, "babbott@wilpark.org" <babbott@wilpark.org>, "babbott@wilpark.org>, "cclarke@wilpark.org" <amolfered style="color: blue;">cclarke@wilpark.org, "igoebel@wilpark.org" <a href="color: below: babbott@wilpark.org"
; "cclarke@wilpark.org" a href="color: babbott@wilpark.org" a href="color: babbott@wilpark.org" > a hre

Dear Wilmette Park Board Commissioners:

Over the past few weeks I have attended and spoken at both Village Board and Park Board meetings regarding my views about the storm water construction options and the need to take down 32 mature and healthy cottonwood trees. Many village residents speaking at both forums expressed emotional reasons for why the trees should be spared. Some of the presenters were children who use the park and attend Highcrest Middle School; others included long time village residents with personal connections to the park and their stories were highly emotional.

One of the key points about this project that I've learned is that there is an alternative option which has been presented as being:

- Equally effective in controlling the storm water problem;
- Less expensive by at least \$750,000; and
- Does not involve the destruction of 32 healthy trees.

What I have also tried to determine is where is the need for increased field usage coming from? I've looked at past board minutes and not found anything other than anecdotal commentary about the desire for more usable space. Presumably, this means space for sports and not for relaxation and comfort under mature leafy trees. I am an accountant by profession, so I tend to want to see relevant and valid facts and forecasts driving decisions, not wishes, beliefs or emotions. Searching for, and not finding, any facts or forecasts regarding the issue of "additional usage" leads me to believe that decisions are being formed more by emotion and not by facts because, putting the tree issue aside, I do not understand why our Board would even consider an option that costs an additional \$750,000 of taxpayer money when there is a less expensive option that has been presented as equally effective.

Assuming that the Park Board views itself as fiscally responsible, then there must be one or more reasons for Commissioners that support the more expensive option. I ask that each Commissioner that supports the more expensive option to state their reasons with fact-based explanations and not merely stating "more usable space", as has been done in prior meeting minutes.

There is no apparent downside to choosing the less expensive option that saves the Village \$750,000 and saves the 32 cottonwood trees. If, in the future, there is a legitimate need for more space in the park for sports, then appropriate decisions can be made at that time. But as you know, once the trees are taken down, there is no going back. So, please, think about your vote and cast your vote based upon real facts and not emotion.

Thank you,
Jeffrey Sacks
2412 Meadow Drive North

From: Amy Wolfe

Sent: Saturday, August 17, 2019 4:31 PM

To: Stephen Wilson

Subject: Fwd: [external] Last few Comments from those still coming in

Begin forwarded message:

Subject: [external] Last few Comments from those still coming in

Date: August 16, 2019 at 5:38:14 PM CDT

To: "mmurdock@wilpark.org" <mmurdock@wilpark.org">, "awolfe@wilpark.org"

<awolfe@wilpark.org>, "ganderson@wilpark.org" <ganderson@wilpark.org>,

"babbott@wilpark.org" <babbott@wilpark.org>, Cecilia Clarke <cclarke@wilpark.org>,

"jgoebel@wilpark.org" <jgoebel@wilpark.org>, "Todd Shissler" <tshissler@wilpark.org>,

"Herbert H. Engelhard" <friendsofhighcrestgrove@gmail.com>,

"praj.shah@creospan.com" <praj.shah@creospan.com>, "Bielinski, Bob"

<bielinskib@wilmette.com>, "Martha Hellander" <mhellander1@comcast.net>, Faye

Jacobs <friacobs@comcast.net>, "E. Engelhard" <eengel@sbcglobal.net>,

"derekcasteel@gmail.com" <derekcasteel@gmail.com>, Julia Grosh

<imarran3@sbcglobal.net>, Jim Grosh lightkpr3@sbcglobal.net>, Deborah

<a href=

<bergerb@wilmette.com>, "swilson@wilpark.org" <swilson@wilpark.org>,

"joelforwilmette@gmail.com" <joelforwilmette@gmail.com>, "barrowp@wilmette.com"

<barrowp@wilmette.com>, "doddk@wilmette.com" <doddk@wilmette.com>,

"kennedya@wilmette.com" <kennedyg@wilmette.com>, "Berger, Brigitte"

<bergerb@wilmette.com>, "csadel1@aol.com" <csadel1@aol.com>, "Bielinski, Bob"

<bielinskib@wilmette.com>, "Frenzer, Tim" <frenzert@wilmette.com>,

"swilson@wilpark.org" <swilson@wilpark.org>, "hengelhard@sbcglobal.net"

<a href="mailto: hengelhard@sbcglobal.net>hengelhard@sbcglobal.net>netword.com derekcasteel@gmail.com <a href="mailto:derekcasteel@g

"araeee@gmail.com" <araeee@gmail.com>, "ardez01@aol.com" <ardez01@aol.com>,

"SaucedoA@mwrd.org" <SaucedoA@mwrd.org>, "gina.b.kennedy@comcast.net"

<gina.b.kennedy@comcast.net>, "rebecca.j.boyd@gmail.com"

<rebecca.j.boyd@gmail.com>, "joelforwilmette@gmail.com"

<joelforwilmette@gmail.com>, "babbott@wilpark.org" <babbott@wilpark.org>,

"ganderson@wilpark.org" <ganderson@wilpark.org>, "cclarke@wilpark.org"

<cclarke@wilpark.org>, "igoebel@wilpark.org" <igoebel@wilpark.org>,

"mmurdock@wilpark.org" <mmurdock@wilpark.org>, "tshissler@wilpark.org"

<tshissler@wilpark.org>, "awolfe@wilpark.org" <awolfe@wilpark.org>,

"schmick.mary8@gmail.com" <schmick.mary8@gmail.com>,

"marlenetbrill@comcast.net" <marlenetbrill@comcast.net>,

"mhellander1@comcast.net" < mhellander1@comcast.net>,

"saimaabbasi21@yahoo.com" <saimaabbasi21@yahoo.com>,

"gogreenwilmetteinfo@gmail.com" <gogreenwilmetteinfo@gmail.com>, Herb Engelhard

< hengelhard@sbcglobal.net >, Aravinda Reddy < araeee@gmail.com >, Richard Pinner

```
<richard.pinner@ks-northamerica.com>, "bielinskib@wilmette.com"
<bielinskib@wilmette.com>, BriiPraiAR Shah <bri>briiprajar@gmail.com>, "A, Fogel"
<ardez01@aol.com>, Awolfe <awolfe@wilpark.org>, Michael Braiman
<braimanm@wilmette.com>. Brigitte Berger <bra> dergerb@wilmette.com>. "Bob Bielinski"
<bob.bielinski@gmail.com>, "ganderson@wilpark.org" <ganderson@wilpark.org>,
Margaret Martin-Heaton < gogreenwilmetteinfo@gmail.com >,
"eric@wilmettebeacon.com" <eric@wilmettebeacon.com>, "Alexa.burnell@gmail.com"
<a href="mailto:</a>, "hengelhard@sbcglobal.net"
<a href="mailto:shengelhard@sbcglobal.net">hengelhard@sbcglobal.net</a>, Laura Prohov <a href="mailto:lrprohov@aol.com">lrprohov@aol.com</a>, "E. Engelhard"
<eengel@sbcglobal.net>, Martha Hellander <mhellander1@comcast.net>, "Erin
Engelhard" <erinengelhard2882@gmail.com>, "csadel1@aol.com"
<csadel1@aol.com>, Martha Hellander <mhellander1@comcast.net>, Michelle Lyons
<mnglyons@comcast.net>, Bob Lynch <bob lynch@sbcglobal.net>, Richard Pinner
<richard.pinner@ks-northamerica.com>, Pianoeb pianoeb@comcast.net>, "Faye
Jacobs" <friacobs@comcast.net>, Derek Casteel <derekcasteel@gmail.com>, Kristen
Casteel < kristenacasteel@gmail.com >, BrijPrajAR Shah < brijprajar@gmail.com >, Brij
Shah <a href="mailto:shah@creospan.com">brij.shah@creospan.com</a>, "A. Fogel" <a href="mailto:ardez01@aol.com">ardez01@aol.com</a>, Aravinda Reddy
<araeee@gmail.com>, Caryn Summer <carynsummer@gmail.com>, Peter Baugher
<pbaugher@baugherlegal.com>, "Ted Prohov" <t prohov02@yahoo.com>,
"MRothstein@TDRLAWFIRM.com" < MRothstein@TDRLAWFIRM.com>, "Fatum,
Stephen" <Stephen.Fatum@btlaw.com>, "Van Economou" <Van@EconomoulP.com>,
Michael Prohov <m.prohov@gmail.com>, "Jonathan Prohov" <j.prohov@gmail.com>,
"lea.prohov@gmail.com" <lea.prohov@gmail.com>, Robert Besser
<rbessr@gmail.com>, Norm Winer <nwwiner@gmail.com>, Wendy Rice
<wmrice434@gmail.com>, Mike Italiano <mike@sustainableproducts.com>, "Rita
Fromholt" <rita@worldtree.info>, "kurzmani@wilmette.com" <kurzmani@wilmette.com>,
"plunketts@wilmette.com" <plunketts@wilmette.com>, "bielinskib@wilmette.com"
<bielinskib@wilmette.com>, "eric@wilmettebeacon.com" <eric@wilmettebeacon.com>,
Ted Prohov <t prohov02@yahoo.com>, Van Economou <Van@EconomoulP.com>
```

August 15, 2019 | THE WILMET

Please rethink plan to destroy trees

I was distressed to learn in Wilmette Beacon that one stowater plan contemplates the moval of dozens of cottonw trees in the park.

S

My family moved to Card Lane in 1978, and I've alw revered these cottonwood to as being almost sacred—sentinel line of trees near walkway between Cardinal Marian lanes is so old and at

I have lived on Pomona Lane for over 45 years and we all love the trees that look so great and really part of Wilmette big time Evelyn Binz

Respectfully submitted

By the Friends of Highcrest Grove, Inc.

Rick Prohov, its attorney

From: Amy Wolfe

Sent: Saturday, August 17, 2019 4:31 PM

To: Stephen Wilson

Subject: Fwd: [external] THE PEOPLE HAVE SPOKEN: 539 WILMETTE SUPPORTERS | 1,013 Total

Supporters

Begin forwarded message:

From: Rick Prohov com>

Subject: [external] THE PEOPLE HAVE SPOKEN: 539 WILMETTE SUPPORTERS |

1,013 Total Supporters

Date: August 16, 2019 at 4:52:55 PM CDT

To: "mmurdock@wilpark.org" <mmurdock@wilpark.org">, "awolfe@wilpark.org"

<a hre

"babbott@wilpark.org" <babbott@wilpark.org>, Cecilia Clarke <cclarke@wilpark.org>,

"jgoebel@wilpark.org" <jgoebel@wilpark.org>, "Todd Shissler" <tshissler@wilpark.org>,

"Herbert H. Engelhard" <friendsofhighcrestgrove@gmail.com>,

"praj.shah@creospan.com" <praj.shah@creospan.com>, "Bielinski, Bob"

<bielinskib@wilmette.com>, "Martha Hellander" <mhellander1@comcast.net>, Faye

Jacobs <friacobs@comcast.net>, "E. Engelhard" <eengel@sbcglobal.net>,

"derekcasteel@gmail.com" <derekcasteel@gmail.com>, Julia Grosh

<imarran3@sbcglobal.net>, Jim Grosh lightkpr3@sbcglobal.net>, Deborah

<a href="mailto: dviktora@comcast.net, "csadel1@aol.com" csadel1@aol.com, "Berger, Brigitte"

<bergerb@wilmette.com>, "swilson@wilpark.org" <swilson@wilpark.org>,

"joelforwilmette@gmail.com" <joelforwilmette@gmail.com>, "barrowp@wilmette.com"

<barrowp@wilmette.com>, "doddk@wilmette.com" <doddk@wilmette.com>,

"kennedyg@wilmette.com" <kennedyg@wilmette.com>, "Berger, Brigitte"

<bergerb@wilmette.com>, "csadel1@aol.com" <csadel1@aol.com>, "Bielinski, Bob"

<bielinskib@wilmette.com>, "Frenzer, Tim" <frenzert@wilmette.com>,

"swilson@wilpark.org" <swilson@wilpark.org>, "hengelhard@sbcglobal.net"

, "derekcasteel@gmail.com" < derekcasteel@gmail.com">, derekcasteel@gmail.com,

"araeee@gmail.com" <araeee@gmail.com>, "ardez01@aol.com" <ardez01@aol.com>,

"SaucedoA@mwrd.org" <SaucedoA@mwrd.org>, "gina.b.kennedy@comcast.net"

<gina.b.kennedy@comcast.net>, "rebecca.j.boyd@gmail.com"

<rebecca.j.boyd@gmail.com>, "joelforwilmette@gmail.com"

<joelforwilmette@gmail.com>, "babbott@wilpark.org" <babbott@wilpark.org>,

"ganderson@wilpark.org" <ganderson@wilpark.org>, "cclarke@wilpark.org"

<cclarke@wilpark.org>, "igoebel@wilpark.org" <igoebel@wilpark.org>,

"mmurdock@wilpark.org" <mmurdock@wilpark.org>, "tshissler@wilpark.org"

<tshissler@wilpark.org>, "awolfe@wilpark.org" <awolfe@wilpark.org>,

"schmick.mary8@gmail.com" <schmick.mary8@gmail.com>,

"marlenetbrill@comcast.net" <marlenetbrill@comcast.net>,

"mhellander1@comcast.net" <mhellander1@comcast.net>,

"saimaabbasi21@yahoo.com" <saimaabbasi21@yahoo.com>,

```
"gogreenwilmetteinfo@gmail.com" <gogreenwilmetteinfo@gmail.com>, Herb Engelhard
 <a href="mailto:</a><a href="mailto://www.araeee@gmail.com">hengelhard@sbcglobal.net</a>, Aravinda Reddy <a href="mailto://www.araeee@gmail.com">araeee@gmail.com</a>, Richard Pinner
 <richard.pinner@ks-northamerica.com>, "bielinskib@wilmette.com"
 <bielinskib@wilmette.com>, BrijPrajAR Shah <brijprajar@gmail.com>, "A. Fogel"
 <ardez01@aol.com>. Awolfe <awolfe@wilpark.org>, Michael Braiman
 <braimanm@wilmette.com>, Brigitte Berger <bergerb@wilmette.com>, "Bob Bielinski"
 <bob.bielinski@gmail.com>, "ganderson@wilpark.org" <ganderson@wilpark.org>,
 Margaret Martin-Heaton < gogreenwilmetteinfo@gmail.com >.
 "eric@wilmettebeacon.com" <eric@wilmettebeacon.com>, "Alexa.burnell@gmail.com"
<Alexa.burnell@gmail.com>, "hengelhard@sbcglobal.net"
 <hengelhard@sbcglobal.net>, Laura Prohov <irprohov@aol.com>, "E. Engelhard"
 <eengel@sbcglobal.net>, Martha Hellander <mhellander1@comcast.net>, "Erin
Engelhard" <erinengelhard2882@gmail.com>, "csadel1@aol.com"
 <csadel1@aol.com>, Martha Hellander <mhellander1@comcast.net>, Michelle Lyons
 <mnglyons@comcast.net>, Bob Lynch <bob lynch@sbcglobal.net>, Richard Pinner
 <ri>chard.pinner@ks-northamerica.com>, Pianoeb <pianoeb@comcast.net>, "Fave"
Jacobs" <frjacobs@comcast.net>, Derek Casteel <derekcasteel@gmail.com>, Kristen
Casteel <a href="mailto:kristenacasteel@gmail.com">krijPrajAR Shah <br/> <a href="mailto:kristenacasteel@gmail.com">krijPrajAR Shah <br/> <a href="mailto:kristenacasteel@gmail.com">krijPrajAR Shah <br/> <a href="mailto:kristenacasteel@gmail.com">krijPrajAR Shah <a href="mailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmailto:kristenacasteel@gmail
Shah <br/>
<a href="mailto:shah@creospan.com">brij.shah@creospan.com</a>, "A. Fogel" <a href="mailto:ardez01@aol.com">ardez01@aol.com</a>, Aravinda Reddy
<araeee@gmail.com>, Caryn Summer <carynsummer@gmail.com>, Peter Baugher
<pbaugher@baugherlegal.com>, "Ted Prohov" <t prohov02@yahoo.com>.
"MRothstein@TDRLAWFIRM.com" < MRothstein@TDRLAWFIRM.com>, "Fatum,
Stephen" <Stephen.Fatum@btlaw.com>, "Van Economou" <Van@EconomoulP.com>,
Michael Prohov <m.prohov@gmail.com>, "Jonathan Prohov" <j.prohov@gmail.com>,
"lea.prohov@gmail.com" <lea.prohov@gmail.com>, Robert Besser
<rbessr@gmail.com>, Norm Winer <nwwiner@gmail.com>, Wendy Rice
<wmrice434@gmail.com>, Mike Italiano <mike@sustainableproducts.com>, "Rita
Fromholt" <rita@worldtree.info>, "kurzmanj@wilmette.com" <kurzmanj@wilmette.com>.
"plunketts@wilmette.com" <plunketts@wilmette.com>, "bielinskib@wilmette.com"
<bielinskib@wilmette.com>, "eric@wilmettebeacon.com" <eric@wilmettebeacon.com>,
Ted Prohov <t prohov02@yahoo.com>, Van Economou <\van@EconomoulP.com>,
Robert Besser <rbssr@gmail.com>, Kristen Casteel <kristenacasteel@gmail.com>,
"sviktora@comcast.net" <sviktora@comcast.net>, Laura Prohov
<Laura.Prohov@cje.net>, Bruce Elder <rabbi@hakafa.org>, "Lawrence M. Friedman
<lfriedman@barnesrichardson.com> (Ifriedman@barnesrichardson.com)"
<lfriedman@barnesrichardson.com>, "Fatum, Stephen" <Stephen.Fatum@btlaw.com>,
"barbara.greenspan@illinois.gov" <barbara.greenspan@illinois.gov>
```

Darlene B. 26 minutes ago We need the trees!

Lisbeth L. an hour ago Grew up in Wilmette. Trees are vital to our future, should be planting more, not cutting down.

Catharine W. 2 hours ago

Surely there's another way to accommodate storm water rather than destroying trees whose roots absorb it. How about planting a huge prairie with deep-rooted native plants, in a bio-system designed to hold flood waters?

name not displayed 2 hours ago Trees are important to everyone

Helen S. 8 hours ago This is simple. Do not cut down mature trees!

Barbara K. 13 hours ago Trees are necessary for our planet and its citizens. Playing fields are not. Trees are the higher priority. Save the trees!

Margo T. 18 hours ago Every living, native tree must be saved for our environment.

Alice M. 19 hours ago COMMON SENSE!!!!

Anita A. 20 hours ago

SAVE the trees!!!!! Although I live in Skokie, I am in Wilmette often; not only do we have a business in Wilmette, I love going to Centennial Park and walking around the amazing native garden prairie! Why have a "deaf ear" to the engineers who YOU hired who actually provided a more affordable plan SAVING BOTH, the TREES & and the TAXPAYERS money? Sounds like a win-win solution!!!

Jenna R. a day ago These trees are beautiful. Let's save them!

Merrilee R. 2 days ago Mature trees are important part of climate

control.

Katherine W. 2 days ago I grew up with those trees on Birchwood Lane. Why shouldn't my children also be able to enjoy them?

David S. 2 days ago

Unnecessary and expensive "addition" to the playing fields. Wilmette should spend some of that money on their terrible roadways. As a bicyclist I can tell you that Wilmette's streets (except for those with brick pavers) are the worst on the North Shore!

Terry H. 2 days ago Trees sequester carbon and 411 ppm co2 is too much. save trees.

Elizabeth B. 2 days ago I value trees and the wildlife they shelter.

Vicky B. 2 days ago

As a visitor to Wilmette and after seeing the grove today, I cannot fathom why elected officials would squander this valuable natural resource when there are viable alternatives. Taking down those trees would be very short-sighted and a huge loss for Wilmette.

Rachel H. 2 days ago

We do not need nor want additional playfields. The beauty of the mature trees adds so much more to our community. Cutting these down would be absolutely terrible and will take away from the beauty of the area. More importantly it would unnecessarily destroy the natural habitat of birds and other wildlife in the area.

Bridie C. 2 days ago We need the trees! Don't destroy them

name not displayed 2 days ago

Preserve the beauty of a park that meant so much to me and my children in their childhood for upcoming generations. We raised our children on the NS and this area was an important part of their childhoods. One of the greatest charms of the North Shore is that generations return to share their childhoods, buildings and, community institutions with future generations to assure additional essential drainage beyond the man made. The deforestation and in fill of property has caused a good deal more flooding in these areas than existed in prior years to my impression/recall. To ensure that a group or property owners, in the west, as opposed to the oft preserved east, are not unduly burdened by what is the broad community's needs. All too often, property owners west of Ridge seem to be less listened to than do those on the east. Make sure all voices are equally represented.

Cassie Y. 2 days ago This should not even be a question, trees are so crucial to this planet and this community. They are beautiful, and good for the environment. SAVE THE TREES.

Tom Y. 2 days ago Preserve the natural landscape.

On-uma L. 2 days ago It's for our community.

name not displayed 2 days ago These trees are a treasure to hold on to, to be proud of. Please don't cut them!

Dafna F. 2 days ago

Trees are needed for shade and oxygen. As well, they help soak up storm rain and shelter animals. No need to kill life giving trees. Nature is meant to be natural. Trees and grass belong in parks. No AstroTurf and tree cutting please!

Kiera K. 2 days ago

Cutting down a grove of trees that naturally act to absorb storm water is not only counterintuitive and ludicrous, but just gutting. This will be an incredible loss to the residents there and also sends a very unfavorable message. You should consider the other plans put forward by engineers who have studied this issue.

Heather B. 2 days ago I grew up in this neighborhood. In this age of climate change and devastation of old growth trees, it is short sighted and harmful to remove a source of shade and biodiverse environment. Removing these trees will negatively affect the residents and children. This action can only benefit people who have no regard whatsoever for the environment.

Julie L. 2 days ago Do not destroy this natural area

Danna B. 2 days ago I played soccer there for 20 years with the Illinois women soccer league and that she provided us much-needed shelter from the sun. It would be horrible to remove those trees.

Annie G. 2 days ago We love Wilmette because of the nature and trees. Doesn't feel like a typical suburb. Don't cut down the trees.

Maria F. 3 days ago Trees are crucial to the survival of our planet.

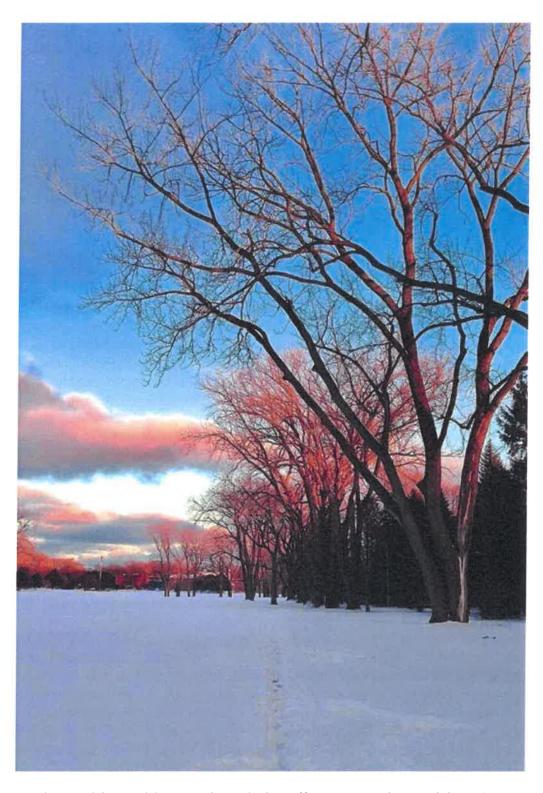
Stephen F. 3 days ago

Decision makers owe it to the residents to know the options before them and the pros and cons of each. All relevant factors should be considered including the values and desires of the people who live in the community.

We trust we have helped the Park Board better understand just how much the community values what the parks represent in their truest original and fullest sense. We seek a more balanced policy for this park's natural qualities that include these living majestic sources of comfort, reflection and a strong connection with nature while maintaining only the existing fields for play in this Village green of common ground for all of us. Attached are a few photos from some our members. I encourage everyone to share their own favorite photos of the Highcrest Grove with a "reply to all" so the trees can now speak for themselves.







We trust we have all learned lessons through this effort to save these celebrated trees. We the people need to be more attuned to participate more often in our own governance. The Boards cannot function well only with the negative criticism from issues triggered by NIMBY responses.

In an era of divisive politics, we can be proud of our thoughtful community of Wilmette. Hopefully, we will work harder together in a constructive fashion with our elected officials so they can better serve us in the future. May we all be at ease as we patiently wait a few more days until the vote can be cast regarding the fate of the Highcrest Grove. In the meantime, leave your cell phones at home and take a moment to sit beneath these ancient denizens of a once

far more forested continent. Reflect upon their connection to our own existence and well-being. Be at peace this weekend. Know that the people have spoken and the Board has listened.

Keep in mind, we are only against board decisions that are reached without sufficient due process, without adequate prior written notice and without meaningful input from the citizens so that questions can be asked and fully answered with a true discourse. When decisions are primarily based upon running policies an administration wishes to pursue vigorously, they are often based upon policies that are outmoded or ill-advised but have gone unchallenged. Together with our elected board, we have and must continue to challenge all policies of the past and advance new ones for the future. Remember, we are not against the board members; to a large extent, their actions are actually a reflection of ourselves and our own inadequate efforts that need to be exerted for the greater good.

Decisions at all levels of government can only reflect the light we send.

Take comfort that our process of government works best when we all work harder together to preserve it as much as we have done to preserve these cottonwood trees. I expect that the experience of these past weeks of many sleepless nights for so many have taught us all that parks, like our form of government, are something we all share, appreciate and need to help protect. No public park should ever be delegated to solely function as a venue for organized sports and revenue. Nor should governance of our community just be about us electing those who wish to spend their valuable time and energy to help make a difference for our collective betterment only to then abandon them until we get upset about matters that most directly affect us and our respective homes.

I expect we can now all rally together with the leadership we need from the Village and Park Boards in the future. We encourage the Park Board and Village Board to meet with one another and as many residents as they can as they develop new policies and initiatives with the informed consent of the people. We trust that any memorandum of understanding they may reach about reservoirs under our parks will truly be an agreement by the people, for the people and of the people. Do not fear the *Open Meetings Act* for its purpose and meaning is to protect the will of the people, not to chill meaningful discussions between the electors with those whom they elect.

Let's move on and work harder together with nature, not against it. Let's work with our elected officials, not against them. Join with the spirit of these trees as well as that spirit of 1776 with pride together. For all residents of Wilmette, and that includes these stately old trees, we have been truly blessed to inherit a cherished place we all call home. As we travel through time and space on our unique bio-sphered spaceship earth, let us remember that Wilmette provides our local union among a very fortunate few with every advantage a good life can possibly bring for ourselves, our children, and with collective vision and wisdom, for our future generations as well. Let this become a grove of unity to be left in good stead for all times.

At Gettysburg, another cherished sacred ground, Lincoln enshrined the people's rule in the fervent pledge that, "under God," this democracy "shall not perish from the earth." May we strive to battle climate change and not one another so that we shall not perish from the earth due to failures to abide by other higher natural laws.

We will all need to work harder together to mitigate and adapt to the risks posed by a rapidly increasing adverse climate change. The expense of the contemplated resilient infrastructure these reservoirs represent is a mere window that enables us to see into a future of costs that already must be borne due to an adherence to other outmoded policies of the past gone unchallenged for far too

long. We continue to change our public consciousness and strive to achieve a far greater land ethic. It requires a greater acceptance and respect for how our own existence fits within a finite ecosystem. We must discover, like a better balance between parks and recreation, a more thoughtful equilibrium for our planet. If the reservoirs are built under the parks may they also represent a common source of waters we can draw upon as from a well of strength to foster the American Dream that lives on in all of our hearts and all our minds and will only continue to do so if we exert that united force when we pull as one in the same direction and reach the well informed compromises we must find along the way.

As you peacefully listen to leaves rustling in the wind in the trees that surround your homes this weekend, take a moment to recall that our rights to express ourselves freely, with freedom, liberty and justice for all began in an American land of trees and wilderness. When there is a cause far bigger than ourselves it can draw us together with a magnetic force that enables people to participate in an effort to maintain the values we all cherish most. I have every confidence that as Americans living as one nation, our nation, under God when truly work harder to keep it indivisible, will continue to make our collective futures bright. May we now take the local portage towards new watersheds of indivisible consensus and tranquil harmony. We will find a more stable environment to be enjoyed upon our common grounds and not divided by unfounded fears and communication that is more often more virtual than real.

Thank you, one and all, for enduring my many (often too long) remarks over these past summer days concerning the Park Board's decision this week.

I expect that we will witness a more well-informed vote on Monday evening and I look forward to seeing many of you there.

Have a restful weekend everyone.

Respectfully submitted

By the Friends of Highcrest Grove, Inc.

Rick Prohov, its attorney

Fredric B. Prohov, J.D., CM&AA, LEED AP

Prohov & Associates, Ltd. 134 North LaSalle Street – Suite 2100 Chicago, Illinois 60602 Phone: (312) 807 - 3965

Cell Phone: (312) 925 - 5444

Email: rprohov@paalaw.com

www.paalaw.com

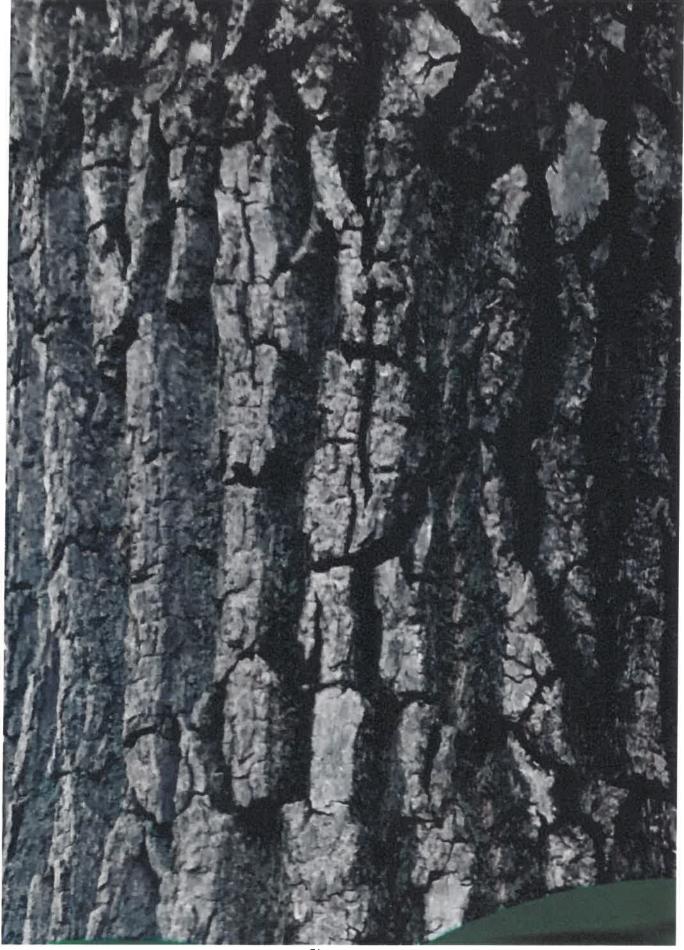
Confidentiality Notice:

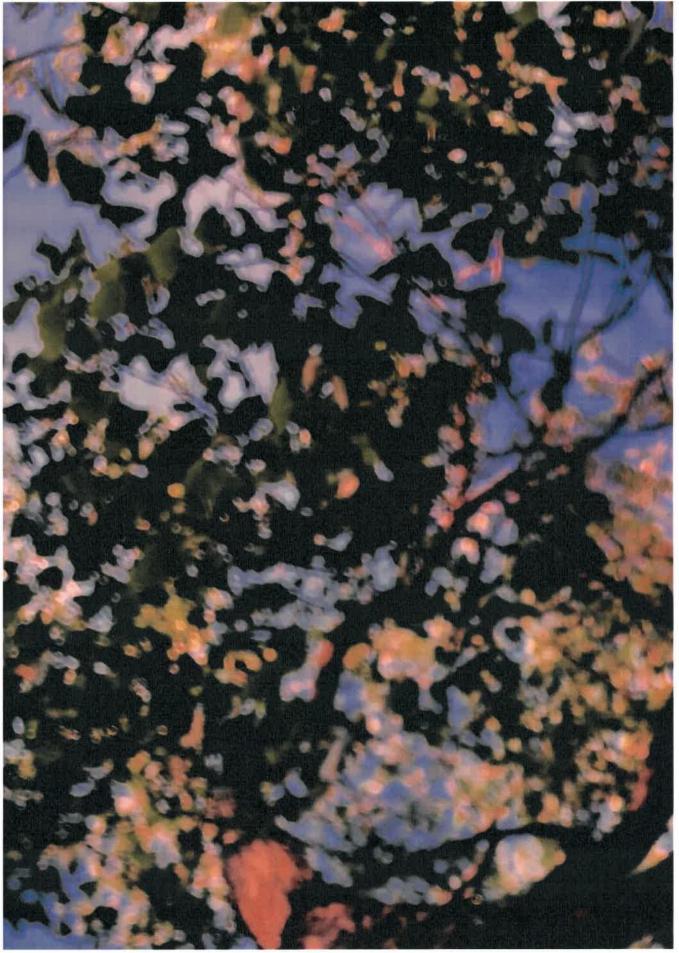
This electronic mail message and any attached files contain information intended for the exclusive use of the individual or entity to whom it is addressed. Such message may contain information that is proprietary, privileged, confidential and/or exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any viewing, copying, disclosure or distribution of this

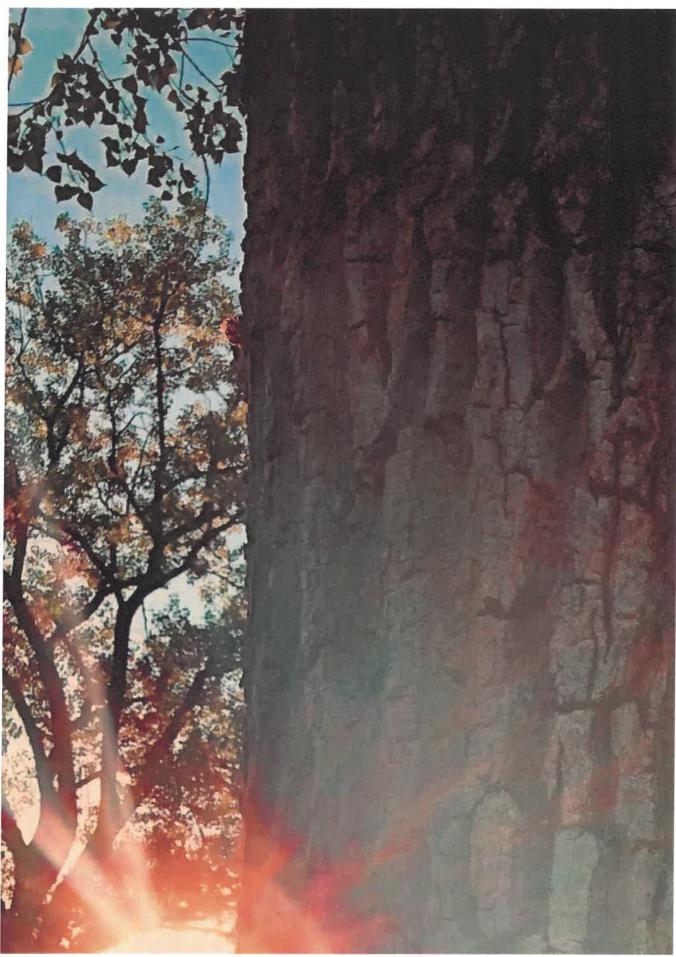
information may be subject to legal restriction or sanction. Please notify sender, by electronic mail or telephone, of any unintended recipients and delete the original message without making copies.

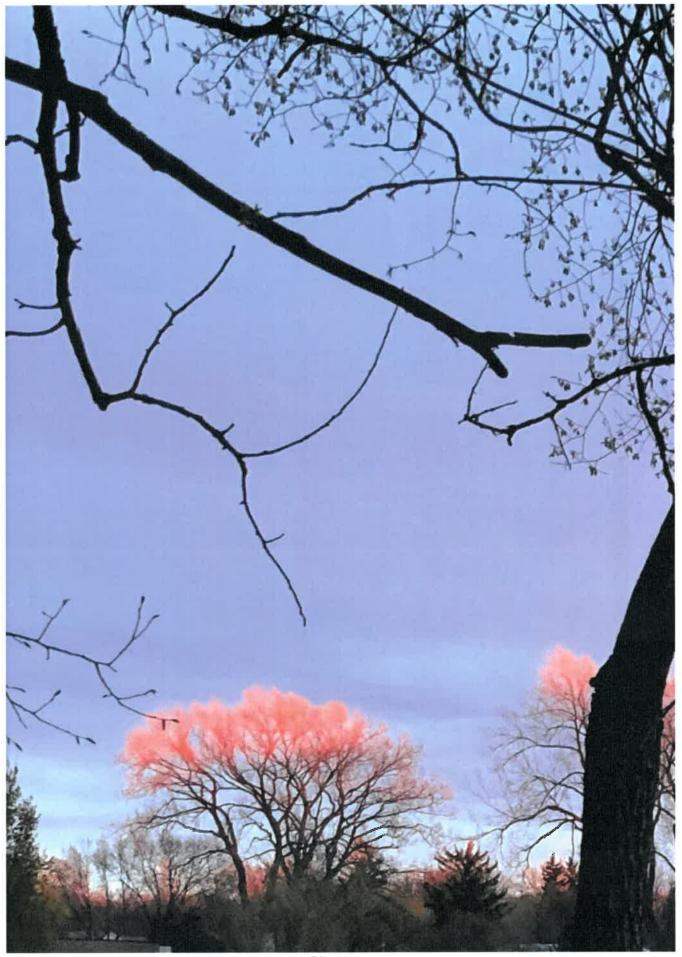
Circular 230 Disclosures:

Pursuant to regulations Governing Practice before the Internal Revenue Service, any tax advice contained herein is not intended or written to be used and cannot be used by a taxpayer for the purpose of avoiding tax penalties that may be imposed upon the taxpayer.

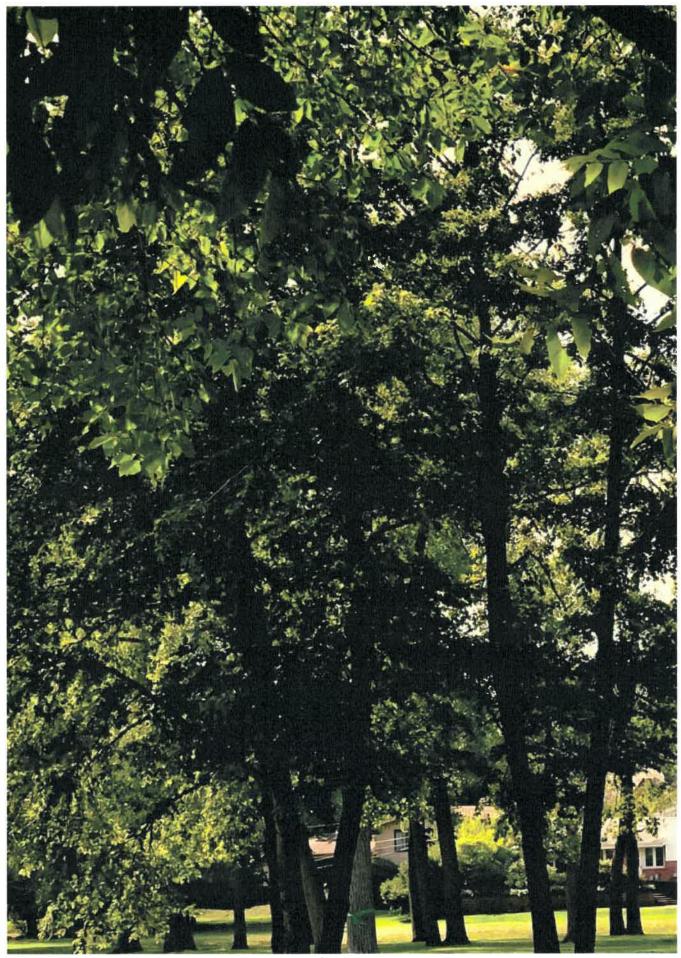














From:

Amy Wolfe

Sent:

Friday, August 16, 2019 11:45 AM

To:

Stephen Wilson

Subject:

Fwd: [external] Community Playfields

Begin forwarded message:

From: Max Schanzenbach mmschanz@gmail.com>

Subject: [external] Community Playfields Date: August 15, 2019 at 2:28:27 PM CDT

To whom it may concern:

I understand that the issue of refurbishing the Community Playfields has run into some significant controversy due to plans to remove a grove of cottonwood trees as a necessary part of the work.

I rarely write letters to public officials, but I wanted to add my voice to the side in favor of the proposal to reduce flooding on the Playfields currently before the Park District Board.

As a parent who has spent much time there, often standing in water, I can attest that the Community Playfields are frequently unusable or unsafe for play due to flooding. There are no good substitutes for the Playfields in our Village. Fixing the drainage issues would create a more usable space for our children. I suspect that the fix proposed, which is part of a comprehensive plan, represents our only chance to address this issue.

I understand people's attachment to the cottonwood trees. They really are beautiful. And maybe I would feel differently about the issue if these were oaks or maples. But cottonwood trees are fast growing, weak trees. And these large cottonwoods are close to the end of their useful life, as I believe has been confirmed by the village's arborist. To condemn the Community Playfields to remain a swamp every spring and fall to save a grove of cottonwood trees in this instance does not make sense.

Sincerely,

Max Schanzenbach, Wilmette

--

Max Schanzenbach Seigle Family Professor of Law Northwestern Pritzker School of Law (312) 503-4425

From: Amy Wolfe

Sent: Friday, August 16, 2019 9:29 AM

To: Stephen Wilson

Subject: Fwd: [external] Community Playfield

Begin forwarded message:

From: Margo Turner < turner.margo@usa.net > Subject: [external] Community Playfield Date: August 14, 2019 at 10:53:52 PM CDT To: "awolfe@wilpark.org" < awolfe@wilpark.org >

Mrs. Wolfe,

I have lived on Locust Road, across from Community Playfield, for sixty years. I have witnessed the park district remove groves of trees since purchasing the Anderson farm. I have seen the garage erected, blacktop driveways installed, AT&T planting their equipment on public land, which all took away green space. The citizens have tried to stop this destruction. Sometimes we win, such as stopping the proposals to install an amphitheater and lights, and cut the trees near the Junior High for the skateboard park.

I attended the meeting where the consulting firm presented the alternate plans. After hearing the proposals, I did not think that a letter would be needed since the alternative plans were so much more advantageous than the first plan. It came as a shock to learn that 5 of the trustees voted to remove the trees and spend an additional one million dollars. This is 2019 in which each season has provided a small taste of what is ahead for us if we don't do the right thing.

Think of the children's future. Please listen to what the scientist are saying when they advise that we have 12 years to save our planet. The 32 mature, native trees provide services that replacement saplings will not be able to equal for a minimum of ten years. Two more playfields are not what children need. A home, security, and freedom from violent weather are necessities for their future. More trees will help provide that.

I request that you reevaluate the plans and vote to accept the plan to save all the trees. The children will thank you.

Margo H Turner 725 Locust Road Wilmette

From: Gordon Anderson

Sent: Thursday, August 15, 2019 9:09 PM

To: Stephen Wilson

Subject: Fwd: [external] Community Playfield

Steve

Just in case you didn't get a copy yet.

Gordon

Begin forwarded message:

From: Margo Turner < turner.margo@usa.net>
Date: August 14, 2019 at 11:31:15 PM CDT

To: "ganderson@wilpark.org" < ganderson@wilpark.org>

Subject: [external] Community Playfield

Mr. Anderson,

I have lived on Locust Road, across from Community Playfield, for sixty years. I have witnessed the park district remove groves of trees since purchasing the Anderson farm. I have seen the garage erected, blacktop driveways installed, AT&T planting their equipment on public land, which all took away green space. The citizens have tried to stop this destruction. Sometimes we win, such as stopping the proposals to install an amphitheater and lights, and cut the trees near the Junior High for the skateboard park.

I attended the meeting where the consulting firm presented the alternate plans. After hearing the proposals, I did not think that a letter would be needed since the alternative plans were so much more advantageous than the first plan. It came as a shock to learn that 5 of the trustees voted to remove the trees and spend an additional one million dollars. This is 2019 in which each season has provided a small taste of what is ahead for us if we don't do the right thing.

Think of the children's future. Please listen to what the scientist are saying when they advise that we have 12 years to save our planet. The 32 mature, native trees provide services that replacement saplings will not be able to equal for a minimum of ten years. Two more playfields are not what children need. A home, security, and freedom from violent weather are necessities for their future. More trees will help provide that.

I request that you reevaluate the plans and vote to accept the plan to save all the trees. The children will thank you.

Mr. Anderson, I appreciate your thoughtful vote on Community Playfield water retention issue. I hope that you will continue to vote the same at the next park district board meeting. I wanted you to see the letter that I sent to all those who voted for destruction of 32 native, mature trees.

Best Wishes to Your Family,

Margo H Turner 725 Locust Road Wilmette

From:

Amy Wolfe

Sent:

Wednesday, August 14, 2019 1:47 PM

To:

Stephen Wilson

Subject:

Fwd: [external] Community Playfield Water Storage Project

Begin forwarded message:

From: vaughn leath <vcleath@hotmail.com>

Subject: [external] Community Playfield Water Storage Project

Date: August 14, 2019 at 1:40:46 PM CDT

To: "awolfe@wilpark.org" <awolfe@wilpark.org>

Sent from Windows Mail Dear Ms. Wolfe

First I want to thank you for serving the community as Park Board President. I know it is a very demanding position that takes a great deal of your time. I hope there is satisfaction in a job well done.

Thank you for listening to all of the public comments last Monday evening. I sincerely hope that the Board listens to the people regarding the Community Playfield Water Storage Project. In Tree City, USA, cutting down beautiful mature trees should never be considered except in the case of extreme emergency. This is not an extreme emergency, or even an emergency. This is a project that has alternate solutions, at least one of which will save these decades old Cottenwoods, and also help with flood control.

I urge you to listen to the citizens of Wilmette and save the beautiful Cottenwook grove at Community Playfield.

Sincerely,

Vaughn C Leath 2029 Highland Ave Wilmette

From: Sent: To: Rick Prohov <rprohov@paalaw.com> Tuesday, August 13, 2019 6:31 PM

Mike Murdock; Amy Wolfe; Gordon Anderson; Bryan Abbott; Cecilia Clarke; Julia Goebel; Todd Shissler; Herbert H. Engelhard; praj.shah@creospan.com; Bielinski, Bob; Martha Hellander; Faye Jacobs; E. Engelhard; derekcasteel@gmail.com; Julia Grosh; Jim Grosh; Deborah; csadel1@aol.com; Berger, Brigitte; Stephen Wilson; joelforwilmette@gmail.com; barrowp@wilmette.com; doddk@wilmette.com; kennedyg@wilmette.com; Berger, Brigitte; csadel1@aol.com; Bielinski, Bob; Frenzer, Tim; Stephen Wilson; hengelhard@sbcglobal.net; derekcasteel@gmail.com; araeee@gmail.com; ardez01@aol.com; SaucedoA@mwrd.org; gina.b.kennedy@comcast.net; rebecca.j.boyd@gmail.com; joelforwilmette@gmail.com; Bryan Abbott; Gordon Anderson; Cecilia Clarke; igoebel@wilpark.org; Mike Murdock; Todd Shissler; Amy Wolfe; schmick.mary8@gmail.com; marlenetbrill@comcast.net; mhellander1@comcast.net; saimaabbasi21@yahoo.com; gogreenwilmetteinfo@gmail.com; Herb Engelhard; Aravinda Reddy; Richard Pinner; bielinskib@wilmette.com; BrijPrajAR Shah; A. Fogel; Amy Wolfe; Michael Braiman; Brigitte Berger; Bob Bielinski; Gordon Anderson; Margaret Martin-Heaton; eric@wilmettebeacon.com; Alexa.burnell@gmail.com; hengelhard@sbcglobal.net; Laura Prohov; E. Engelhard; Martha Hellander; Erin Engelhard; csadel1@aol.com; Martha Hellander; Michelle Lyons; Bob Lynch; Richard Pinner; Pianoeb; Faye Jacobs; Derek Casteel; Kristen Casteel; BrijPrajAR Shah; Brij Shah; A. Fogel; Aravinda Reddy; Caryn Summer; Peter Baugher; Ted Prohov; MRothstein@TDRLAWFIRM.com; Fatum, Stephen; Van Economou; Michael Prohov; Jonathan Prohov; lea.prohov@gmail.com; Robert Besser; Norm Winer; Wendy Rice; Mike Italiano; Rita Fromholt; kurzmanj@wilmette.com;

plunketts@wilmette.com; bielinskib@wilmette.com; eric@wilmettebeacon.com; Ted Prohov; Van Economou; Robert Besser; Kristen Casteel; sviktora@comcast.net; Laura Prohov; Bruce Elder; Lawrence M. Friedman < lfriedman@barnesrichardson.com > (lfriedman@barnesrichardson.com); Fatum, Stephen; 'barbara.greenspan@illinois.gov';

rrosenthal@pclient.ml.com; MRothstein@TDRLAWFIRM.com [external] NOW 507 WILMETTE SUPPORTERS | 953 Total Supporters

Subject:

To the Members of the Park and Village Boards and Friends of the Higherest Grove everywhere -

We expect our local leadership to work together to officially abandon additional development of Locust Park lands solely for maximizing its utility for sports recreation. We need to move forward together towards a far more effective and efficiently diverse use of this small rare gem of cherished earth.

The Park Board needs to rebalance its policy for use to incorporate far more natural restoration and preservation efforts as a true park that includes greater carbon sequestration. It must adapt to achieve a better balance for the purposes of the entire community at large. We should not be cutting trees. We should be identifying where more native trees and shrubs can be planted without interfering with the current playing surfaces as they now already exist there.

If the land is to become used for municipal resilient storm water infrastructure, it will be because the Village requires it as the only land resource available for a new and broader municipal use for the welfare of residents well beyond its perimeter.

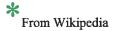
We need to acknowledge that the park should also now service the schools for far more than physical education and special events. This parkland should also serve as a resource for new related education programs for their environmental science curriculum with the exploration of experiments in solar and wind energy. Perhaps our public library board should provide assistance and consider grants for those studies from its healthy financial reserves.

How can the Park Board continue to pursue contradictory actions in this park between our middle and junior high schools in a manner that will accelerate CO2 levels in the atmosphere rather than join those who would help mitigate and adapt as best we can now against the rising risks from climate change? It is climate change that is causing greater frequency and higher volume storm events for the Village.

We can no longer afford to have a local government that still lives within its bureaucratic silos. The name of the park should once again be renamed to reflect the times we are in and not the times of the past. Locust Park should no longer be known solely as a community playfield. I propose that it should be known as the Wilmette Common.*

Given our support from so many so quickly, it becomes apparent that these trees have become a symbolic rally point to discover a greater meaningful set of integrated uses for this common ground.

As more and more come citizens come forward to speak up after they first learn more about this matter, the more apparent it becomes that we all need to rethink how this land will best serve the general welfare of the next generations.



"The **commons** is the cultural and <u>natural</u> resources accessible to all members of a society, including natural materials such as air, water, and a habitable earth. These resources are held in common, not owned privately. Commons can also be understood as natural resources that groups of people (communities, user groups) manage for individual and collective benefit".

Stephen F. Illinois 15 minutes ago

Decision makers owe it to the residents to know the options before them and the pros and cons of each. All relevant factors should be considered including the values and desires of the people who live in the community.

Joseph F. Illinois 5 hours ago

Trees should not be cut down. Find a better solution

Lauren B. Illinois 6 hours ago

I went to Highcrest and loved those big fields. The trees are an important part of that.

Eileen B. Illinois 6 hours ago

I grew up in Wilmette and went to Highcrest and have so many memories of playing and hanging out in those trees. They really do provide a sense of peace and serenity.

Mary Jane T. Illinois a day ago

In 1957, we picked our lot to build our house because of these trees. Love them every day! It is wonderful to see all ages using the park - especially dog owners! Removal of these trees would be sinful. Do not kill natural beauty!

Friends of Highcrest Grove, Inc.

Rick

Fredric B. Prohov, J.D., CM&AA, LEED AP

Prohov & Associates, Ltd. 134 North LaSalle Street – Suite 2100 Chicago, Illinois 60602

Phone: (312) 807 - 3965 Cell Phone: (312) 925 - 5444

Email: rprohov@paalaw.com

www.paalaw.com

Confidentiality Notice:

This electronic mail message and any attached files contain information intended for the exclusive use of the individual or entity to whom it is addressed. Such message may contain information that is proprietary, privileged, confidential and/or exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any viewing, copying, disclosure or distribution of this information may be subject to legal restriction or sanction. Please notify sender, by electronic mail or telephone, of any unintended recipients and delete the original message without making copies.

Circular 230 Disclosures:

Pursuant to regulations Governing Practice before the Internal Revenue Service, any tax advice contained herein is not intended or written to be used and cannot be used by a taxpayer for the purpose of avoiding tax penalties that may be imposed upon the taxpayer.

Stephen Wilson

From: Pinner, Richard < Richard.Pinner@ks-northamerica.com>

Sent: Tuesday, August 13, 2019 2:23 PM

To: Amy Wolfe; Gordon Anderson; Bryan Abbott; Mike Murdock; Cecilia Clarke; Julia Goebel;

Todd Shissler; Stephen Wilson

Cc: bielinskib@wilmette.com; BrijPrajAR Shah; Derek Casteel; Rick Prohov; Herb Engelhard;

bob_lynch@sbcglobal.net; bergerb@wilmette.com; Braiman, Michael; R, L, S & F Pinner

Subject: [external] FW: Highcrest Storm Water Plan

Attachments: Village Board Presentation_REP.pdf

Importance: High

Dear Park Board (and Village Board in copy),

Having previously communicated with you, either by email or in person, I wanted to add further support to the continuing resentment you are receiving by potentially endorsing a plan that removes trees unnecessarily as well as appearing to support the additional financial burden that will be placed upon the residents of Wilmette, the county and state without just cause.

I was able to attend last night's meeting however with prior family commitments I had to leave early and before getting the chance to stand in front of you. This was due to the large number of people wanting to take the chance to have their views heard in public. Regretfully I am out of town next Monday and therefore I hereby send my further comments in writing for your consideration.

Having read much of the correspondence and prior board meeting minutes I start with the following passages:

- Commissioner Shissler commented that there is opportunity for more utility if more trees are removed.
 Commissioner Clarke added she would also like to have more utility and would like to see trees replanted. She asked if the school offered any feedback. Director Wilson replied that he has had informal conversations and the school would like to have more opportunity for usage.
- Director Wilson listed the pros and cons of the original plan. The main drawback is the loss of trees. The
 advantages would be the ability to meet the demand for more field space, flexibility for turf rotation and
 regeneration, and increased programming opportunities.
- Commissioner Clarke reiterated that it is a village park, not a neighborhood park and the possibility of additional space is favorable.

We are fortunate to back on to Locust Park, its original name, as well as to utilize some of the many programs offered in Wilmette. Both our daughters play soccer on Saturday and many friends' children play on Sunday. The last 2 seasons of soccer have been under subscribed to the extent that many teams, across all age groups in Saturday's and Sunday's leagues, have had to play the same opponents 2 or 3 times.

I am also fortunate enough to work from home occasionally and at no point during term time, when both neighboring schools are utilizing field space throughout the day, does this park appear cramped for space. Even when the end of year sports / activity takes place for the complete school attendance there is an abundance of useable area untouched. I therefore put it to you that your comments to date are not based on fact or any growth / financial plan that benefits the community but more the ability to take an opportunity that has no cost to you or the schools. I liken your position to an analogy of being offered \$100, no strings, free of charge... why wouldn't you take it. "Nothing in life is for free"! I, and clearly many others, do not feel you are using your responsibility as elected members to consider everyone within your community, or future generations, in this decision. I feel your effort and support should be given to the programs that are oversubscribed, by both residents and those farther afield, as future revenue generators.

What concerns me further is that you are about to make a decision without clearly defined criteria for the drainage improvement (remember this project is removing existing water retaining trees and soil to hold 6M gallons of water from another location!) and reinstatement of the park if this project is to proceed. From everything I've seen the village plan does not offer any concrete (other than 6M gallons worth!) outline or definition to manage these items. It has been asked to be clarified but merely answered that "these things have been taken into account". If that were the case there

should be a drainage improvement plan and reinstatement plan available now rather than when / if the project goes ahead, runs over budget and then the residents suffer more with higher bills and taxes.

Concerns have been raised to the Village Board about the lack of environmental study that has been undertaken. About the age, location and scale of soil core samples that have been taken across the park and used for certain assumptions. It has been highlighted that such a project will not only disturb the existing, natural and ancient underground flow of water (which I believe has not been studied) it will unearth potential problems which could significantly increase cost and time burdens, a typical construction caveat. It has also been muted that at one point in time Locust Park was used as a landfill site or dump. What justice are you doing the children and other users of the park were this project to expose unsafe waste such as glass or chemicals?

It is the Village Board that must take ultimate responsibility of the project, its costs and negative impacts. It is the Village Board that is responsible for finding the right solution and balance between moving a flood problem from one area to another. However, you have been given a responsibility to choose a plan, or reject them all, for the betterment of the community as a whole. You also have a responsibility, as elected members, to listen to your community. You must justify the decisions you make on our behalf and in this case prove how endorsing the destruction of trees for more useable space, at more expense, is of greater benefit to the community and all our futures than finding the right alternative.

I feel for those that suffer flooding issues following heavy rain, and we have friends in this position, but I cannot endorse a ~\$60M project (a cost of ~\$270,000 per vulnerable structure) which adds financial burden to our community as a whole. A burden on top of underfunded pension liabilities (~\$56M) for our villages safety employees which we as Wilmette residents are already liable for. These pensions were apparently overfunded when our now college students were just born!

Kind regards,

Richard & Lorna Pinner

Cell +1 (312) 859-6497

From: Pinner, Richard

Sent: Tuesday, April 9, 2019 9:42 AM

To: 'awolfe@wilpark.org' <awolfe@wilpark.org>; 'bielinskib@wilmette.com' <bielinskib@wilmette.com> Cc: 'bergerb@wilmette.com' <bergerb@wilmette.com' <sewers@wilmette.com>

Subject: Highcrest Storm Water Plan

Dear Park Board Members,

I understand that there are areas that need help to alleviate storm water problems but I am disturbed by 2 elements of the Highcrest storm water plan...

1st is the unnecessary removal and destruction of the cottonwoods, which in their own right are amazing utilizers of excess water as well as CO2 recycling. Not to mention the natural shading and habitat for our children and village to enjoy. Trees of this size and benefit to the immediate and general environment take many many years to grow so just planting a few new ones, although it sounds like there's no real green plan, will not replace what would be lost. This doesn't even touch on the impact to the wildlife that flourish in these trees.

2nd is the displacement of natural water retaining soil with solid structures designed to hold water from other areas! Every Sq Ft of soil as a tank is a Sq Ft of natural water retaining soil removed from that area for natural drainage. As the Highcrest field has drainage issues already, how can you justify placing impermeable structures to hold water from surrounding neighborhoods with, what appears to be, total disregard for the immediate area.

There are some excellent examples in the region where reservoirs have been placed under playing fields or pitches without the need to remove our natural habitat. Even car parks have been suggested which make more sense than this plan.

This has to be reconsidered...

Kind regards,

Richard Pinner

Stephen Wilson

From: Rick Prohov <rprohov@paalaw.com>
Sent: Tuesday, August 13, 2019 12:14 PM

To: Mike Murdock; Amy Wolfe; Gordon Anderson; Bryan Abbott; Cecilia Clarke; Julia Goebel; Todd Shissler; Herbert H. Engelhard; praj.shah@creospan.com; Bielinski, Bob; Martha

Hellander; Faye Jacobs; E. Engelhard; derekcasteel@gmail.com; Julia Grosh; Jim Grosh;

Deborah; csadel1@aol.com; Berger, Brigitte; Stephen Wilson;

joelforwilmette@gmail.com; barrowp@wilmette.com; doddk@wilmette.com;

kennedyg@wilmette.com; Berger, Brigitte; csadel1@aol.com; Bielinski, Bob; Frenzer, Tim;

Stephen Wilson; hengelhard@sbcglobal.net; derekcasteel@gmail.com;

araeee@gmail.com; ardez01@aol.com; SaucedoA@mwrd.org;

gina.b.kennedy@comcast.net; rebecca.j.boyd@gmail.com; joelforwilmette@gmail.com; Bryan Abbott; Gordon Anderson; Cecilia Clarke; igoebel@wilpark.org; Mike Murdock; Todd Shissler; Amy Wolfe; schmick.mary8@gmail.com; marlenetbrill@comcast.net;

mhellander1@comcast.net; saimaabbasi21@yahoo.com;

gogreenwilmetteinfo@gmail.com; Herb Engelhard; Aravinda Reddy; Richard Pinner; bielinskib@wilmette.com; BrijPrajAR Shah; A. Fogel; Amy Wolfe; Michael Braiman;

Brigitte Berger; Bob Bielinski; Gordon Anderson; Margaret Martin-Heaton;

eric@wilmettebeacon.com; Alexa.burnell@gmail.com; hengelhard@sbcglobal.net; Laura Prohov; E. Engelhard; Martha Hellander; Erin Engelhard; csadel1@aol.com; Martha Hellander; Michelle Lyons; Bob Lynch; Richard Pinner; Pianoeb; Faye Jacobs; Derek Casteel; Kristen Casteel; BrijPrajAR Shah; Brij Shah; A. Fogel; Aravinda Reddy; Caryn

Summer; Peter Baugher; Ted Prohov; MRothstein@TDRLAWFIRM.com; Fatum, Stephen; Van Economou; Michael Prohov; Jonathan Prohov; lea.prohov@gmail.com; Robert Besser; Norm Winer; Wendy Rice; Mike Italiano; Rita Fromholt; kurzmanj@wilmette.com; plunketts@wilmette.com; bielinskib@wilmette.com; eric@wilmettebeacon.com; Ted Prohov; Van Economou; Robert Besser; Kristen Casteel; sviktora@comcast.net; Laura

Prohov; Bruce Elder; Lawrence M. Friedman < Ifriedman@barnesrichardson.com > (Ifriedman@barnesrichardson.com); Fatum, Stephen; 'barbara.greenspan@illinois.gov';

rrosenthal@pclient.ml.com; MRothstein@TDRLAWFIRM.com

[external] JUST HIT AN EVEN 500 WILMETTE SUPPORTERS WHO SAY NO TO CUTTING

DOWN TREES!

To Friends of Highcrest Grove -

Subject:

We are still adding about 10 new signatures each day and just hit a total of 500 Wilmette Supporters for our Petition and now 939 for total signatures @ https://www.thepetitionsite.com/119/992/219/save-the-trees-in-highcrest-grove-no-floods-no-destruction/.

New comments since the public meeting last night...

Lauren B. I went to Highcrest and loved those big fields. The trees are an important part of that.

Eileen B. I grew up in Wilmette and went to Highcrest and have so many memories of playing and hanging out in those trees. They really do provide a sense of peace and serenity.

Mary Jane T. In 1957, we picked our lot to build our house because of these trees. Love them every day! It is wonderful to see all ages using the park - especially dog owners! Removal of these trees would be sinful. Do not kill natural beauty!

I look forward to seeing everyone again next week on the evening of the 19th at 7:30 pm to hear final public comments before the vote by our Park Board Commissioners decide what they will regarding the fate of the Cottonwood grove in LOCUST PARK.

Friends of Highcrest Grove, Inc.

Rick

Fredric B. Prohov, J.D., CM&AA, LEED AP

Prohov & Associates, Ltd. 134 North LaSalle Street – Suite 2100 Chicago, Illinois 60602

Phone: (312) 807 - 3965 Cell Phone: (312) 925 - 5444

Email: rprohov@paalaw.com

www.paalaw.com

Confidentiality Notice:

This electronic mail message and any attached files contain information intended for the exclusive use of the individual or entity to whom it is addressed. Such message may contain information that is proprietary, privileged, confidential and/or exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any viewing, copying, disclosure or distribution of this information may be subject to legal restriction or sanction. Please notify sender, by electronic mail or telephone, of any unintended recipients and delete the original message without making copies.

Circular 230 Disclosures:

Pursuant to regulations Governing Practice before the Internal Revenue Service, any tax advice contained herein is not intended or written to be used and cannot be used by a taxpayer for the purpose of avoiding tax penalties that may be imposed upon the taxpayer.



Memorandum

Date: August 15, 2019

To: Board of Park Commissioners

From: Steve Wilson, Executive Director

Cc: Emily Guynn

Steve Holloway Jerry Ulrich

Re: Storm Water Questions and Memorandum of Understanding (MOU)

This memo is a summary of the questions asked by various Commissioners as well as answers from various sources. After all the attachments related to the questions, you will find a resolution authorizing the Memorandum of Understanding (MOU), as well as the MOU and the associated exhibits. If anyone has any further questions, please let me know.

1. Question – The "Original" storm water vault configuration includes a separate chamber to take in, hold, and release storm water in accordance with the MWRD permit for the surface detention area located near Highcrest, but the other options do not. In the event that another configuration was preferred, how much would it cost to add a separate chamber to the other options?

Answer – Estimates provided by the Village of Wilmette indicate that the cost to Excavate and install a secondary underground detention vault is approximately \$960,000. In addition to this, the estimate cost to restore the ground above the secondary vault with backfill, topsoil and seed is about \$180,000. Lastly, it is estimated by the Village that if the area outside of the secondary vault was restored to create additional playfields, the cost would be approximately \$360,000. Therefore, the table below illustrates the impact of these costs if a secondary vault were added to other configurations to create a similar tank system to the "Original" configuration.

		Cost for Secondary Vault and		Additional Restoration to Create Additional		Variance to
Tank Configuration	Initial Cost	Restoration	Subtotal	Fields	Total	Original
Original Configuration	11,730,000	-	11,730,000	-	11,730,000	-
Z Shaped Configuration	11,430,000	1,140,000	12,570,000	360,000	12,930,000	1,200,000
Gravity+Pump Configuration	9,880,000	1,140,000	11,020,000	360,000	11,380,000	(350,000)

2. Question – When was the initial detention area installed behind Highcrest, are there storm water inlets and pipes below the surface, and will it need to be maintained and by whom?

Answer – Attached to this memo, marked **Exhibit A**, is the original MWRD permit for the detention area. The permit is dated as approved October 9, 2000. On page 34 of 51, there is a written explanation of the existing and proposed conditions that outlines the sewers involved in the project. Also, in the Special Considerations section of the permit, item number 5 states that an agreement between District 39 and the Wilmette Park District is to be attached. That agreement governs the use of property between the two entities, and outlines that the School District is solely responsible for the upkeep and proper function of the storm water system governed by this permit.

3. Question – At one point, the Village of Wilmette made mention of a fire that was started near Community Playfields due to cottonwood seedlings being ignited. Is that true and is it documented?

Answer – Attached to this memo, marked as **Exhibit B**, is the Wilmette Fire Department Incident report for a fire started by cottonwood seeds being ignited. This is on Washington near Ridge Road and is not likely related to the cottonwood trees located at Community Playfields. In addition to this report, in Gillson Park I have witnessed the fire department respond to cottonwood seeds on fire near the tennis courts. There was also another incident at Gillson where a father tried to show his son how flammable cottonwood seeds were by tossing a lit cigarette into a pile of seeds and caused a fire he was unable to extinguish causing the fire department to respond and the individual being charged by the Wilmette Police Department.

4. Question – Can you please provide to the board the estimated ages and condition of the cottonwood trees in Community Playfields?

Answer – Attached to this memo, marked as **Exhibit C**, is a memo from the Village of Wilmette in which many questions are asked and answered. Specifically, question 6 located on page 3 of 16, outlines that the ages of the trees range from 35 to 120 years old and that their condition is generally from fair to good with 1 to 2 trees that should be considered for removal or extensive pruning. The memo also goes onto state that the Village does not plant cottonwood trees in parkways due to them being "more susceptible to branch failures in storms as cottonwood wood is brittle and weak." The memo also states that cottonwood trees live to be on average about 60 years old with some rare cases of living to be 100 years old.

5. Question – Does the above ground storm water detention that exists at Community Playfields potentially lead to a higher rate of breeding mosquitos?

Answer – Attached to this memo, marked as **Exhibits D and E**, are information sheets obtained from the Center for Disease Control (CDC) and the American Mosquito Control Association (AMCA), respectively, regarding the breeding of mosquitos. After reviewing these two pieces of information, my understanding is that eggs can be laid in water or out of water, and can survice extended periods of dry conditions. The eggs do need water to hatch, and do so in 24 to 48 hours after being submerged by water. Once the egg hatches, the larva spends about 5 days in water while it grows into a pupa. Therefore, if there is standing water for about a week's time, eggs can hatch and progress pass the larva stage to the pupa stage, at which time the mosquito pupa leaves the water.

6. Question – What is the size of the park at Avoca that WPD no longer has an agreement to operate with D37, what types and how many fields were located there, and what is the space of the area at Community Playfields that could become field space?

Answer – The park at Avoca is 8 acres and housed 4 soccer fields of varying size. Per the permit with the MWRD, the area of the detention at Community Playfields is just over 3.5 acres.

7. Question – If the cottonwood trees are removed and level fields are created in the area that currently serves as a detention area, what sort of fields could be added?

Answer – Attached to this memo, marked as **Exhibit F**, illustrates a few possibilities. If the space is an open field, there are many possible uses and configurations for fields throughout the years and seasons as the demand for various sports come and go. Therefore, to be clear, these examples are simply examples, not proposals, and not the only options.

8. Question – Many residents have voiced a concern about the ecological impact of the removal of the cottonwood trees. Is there a way to provide additional landscaping to Community Playfields that provides the same, and preferably better, ecological impact than the cottonwood trees?

Answer – A professional landscape planner can work with the District as well as members of the community to explore and possibly achieve a landscape plan that achieves such an outcome.

SEWERAGE SYSTEM PERMIT

METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO
100 EAST ERIE, CHICAGO, ILLINOIS
312-751-5600
00 AUG 25

MWRDGC Permit No.	431	
Deed GE.	ÇOPY	

INSTRUCTIONS FOR COMPLETING PERMIT FORM: Submit four typed copies of permit application (eight pages) and any required schedules listed below; do not leave any blank spaces; use "X" for checking applicable information. Also submit four copies of location map and plans. Submit two copies of specifications, if specifications are not part of the plan sheets. Address all correspondence to the Local Sewer Systems Section; for any inquiries or assistance, telephone (312)751-3260.

NAME AND LOCATION: HIGHCREST MIDDLE SCHOOL Name of project (as shown on plans):				
Location of Project (street address or with respect to two major streets): 569 HUNTER ROAD				
Municipality (Township, if unincorporated)	wilmette, illinois 60091 Township 42 N. Range 13			
Section 32	, Township 42 N. Range 13			
Is project in MWRDGC combined sewer a	rarea Yes No XX ISIERVICE BASIN			
DOCUMENTS BEING SUBMITTED:	NORLWRP			
X Basic Information (Required	ed in all cases) Schedule A (Page 4 of 8)			
Sewer Summary (Required in	ed in ail cases)			
Sewer Connections (Require	ired in all cases)			
Detention Facilities	Schedule D(2 pages)			
Lift Station and/or Force Main	3			
Characteristics of Waste Disc	hischarges Schedule F. (1 page)			
Treatment or Pre-treatment F	nt Facilities Schedule G (2 pages)			
Certification Relative to Comp	ompliance with Art. 4-1; 6-2d, and 6-36			
Affidavit Relative to Complian	lianca with Art. 4-1, 6-2d, and 6-3b			
Affidavit of Disclosure of Rrop	roperty Interest			
Notice of Requirements for St	r Storm Water Detention			
Current Survey of Property In				
	Exhibit A			
	er of pages and originator: FINAL PLAN SHEET C1-C6			
	MILTON ASSOCIATES, INC.			
	OCT - 9 2000			
MWRDGC USE ONLY Application received on: AUG 2.5 200	Permit issued on:			



GENERAL CONDITIONS OF THE PERMIT

- 1. Adequacy of Design. The schedules, plans, specifications and all other data and documents submitted for this permit are made a part hereof. The responsibility for the adequacy of the design shall rest solely with the Design Engineer and the issuing of this permit shall not relieve him of that responsibility. The issuance of this permit shall not be construed as approval of the concept or construction details of the proposed facilities and shall not absolve the Permittee, Co-Permittee or Design Engineer of their respective responsibilities.
- 2. Joint Construction and Operation Permits. Unless otherwise stated by the Special Conditions, the issuance of this permit shall be a joint construction and operation permit provided all General, Standard and Special Conditions are complied with.
- 3. Allowable Discharges. Discharges into the sanitary sewer system constructed under this permit shall consist of sanitary sewage only. Unless otherwise stated by the Special Conditions, there shall be no discharge of industrial wastes under this permit. Storm waters shall not be permitted to enter the sanitary sewer system. Without limiting the general prohibition of the previous

- sentence, roof and footing drains shall not be connected to the sanitary sewer system.
- 4. Construction Inspection. All sewer construction shall be inspected and approved by a Registered Professional Engineer acting on behalf of the Permittee or the owner of the project, or by a duly authorized and competent representative of the Professional Engineer. No sewer trenches shall be backfilled except as authorized by the Inspection Engineer after having inspected and approved the sewer installation.
- 5. Maintenance. The sewer connections, lines, systems or facilities constructed hereunder or serving the facilities constructed hereunder shall be properly maintained and operated at all times in accordance with all applicable requirements. It is understood that the responsibility for maintenance shall run as a joint and several obligation against the property served, the owner and/or the operator of the facilities, and said responsibility shall not be discharged nor in any way affected by change of ownership of said property.

MWRDGC STANDARD CONDITIONS

- 6. Indemnification. The Permittee shall be solely responsible for and shall defend, indemnify and save harmless the Metropolitan Water Reclamation District of Greater Chicago (hereinafter MWRDGC) from and against any and all claims, costs, damages, or expenses the MWRDGC may suffer, incur, sustain or become liable for on account of any injury to, or death of, any person or persons, or any damage to, or destruction of, any realor personal property that may be caused by the construction, use, state of repair, operation and maintenance of the proposed facilities, arising out of or in consequence of the issuance of this permit. Without limiting the generality of the preceding sentence, the provisions of this paragraph shall extend to indemnify and save harmless the MWRDGC from any claims or damages arising out of or in connection with the termination or revocation of this permit.
- 7. Construction by MWRDGC. Permittee understands and acknowledges that the MWRDGC has the right and power to construct and extend sewer service facilities and render such services within the area to be served by the project for which this permit is issued, and that by the MWRDGC constructing and extending such sewer service facilities and rendering such services, the facilities constructed by the Permittee under this permit may decrease in value, become useless or of no value whatsoever, the Permittee may also sustain a loss of business, income and profits.

Therefore, by accepting this permit and acting thereon, the Permittee, for itself, its successors and assigns, does remise, release and forever discharge the MWRDGC of any and all claims

- whatsoever which Permittee may now have or hereafter aquire and which Permittee's successors and assigns hereafter can, shall, or may have against the MWRDGC for all losses and damages, either direct or indirect, claimed to have been incurred by reason of the construction or extension at any time hereafter by the MWRDGC of sewer service facilities in the service area contemplated by this permit, the rendering of such services, which MWRDGC facilities and services decrease the value of the facilities constructed by the Permittee under this permit, make same useless or of no value whatsoever, including but not limited to, any and all damages arising under Illinois Revised Statutes, Chapter 42, Section 339; the taking of private property for public use without due compensation; the interference with the contracts of Permittee; the interference with Permittee's use and enjoyment of its land; and the decrease in value of Permittee's land.
- 8. Third Parties. This permit does not grant the right or authority to the Permittee: (a) to construct or encroach upon any lands of the MWRDGC or of any other parties. (b) to construct outside of the territorial boundaries of the MWRDGC, (c) to construct or encroach upon the territorial boundaries of any units of local government within the MWRDGC, (d) to connect to or discharge into or be served by (directly or indirectly) any sewer or sewer system owned or operated by third parties.
- Costs. It is expressly stipulated and clearly understood that the sewerage system or facilities for which the permit is issued shall be constructed, operated and maintained at no cost to the MWRDGC.

- 10. Other Construction. The MWRDGC reserves the right, privilege and authority to permit others to reconstruct, change, after and replace all sewers and appurtenances thereto at the point of connection of any sewerage system to an MWRDGC interceptor and/or in public right-of-ways of MWRDGC easements, and to introduce additional sewage flow through this connection into the intercepting sewer of said MWRDGC.
- 11. Change of Use. This permit shall be incorporated in the Building and Occupancy Permit for the building or buildings served under this permit. The owner or occupant of any building served under this permit shall not cause, or permit, a change of use of the building to a use other than that indicated in this permit without first having obtained a written permission from the General Superintendent of the MWRDGC.
- 12 Interceptors Overloading. The MWRDGC hereby serves notice that its imerceptors may flow full and may surcharge, and flooding of the proposed system may occur. The Permittee agrees that the proposed systems shall be constructed, operated and maintained at the sole risk of the Permittee.
- 13. Non-Transferability. This permit may not be assigned or transferred without the written consent of the General Superintendent of the MWRDGC.
- 14. Termination. It is understood and agreed that in the event the Permittee shall default in or fail to perform and carry out any of the covenants, conditions and provisions of this permit and such default or violation shall continue for sixty (60) days after receipt or notice thereof in writing given by the General Superintendent of the MWRDGC. then it shall be lawful for the MWRDGC at or after the expiration of said sixty (60) days to declare said permit terminated. The Permittee agrees that immediately upon receipt of written notice of such termination it will stop all operations, discontinue any discharges and disconnect the sewerage system or facilities constructed under this permit. If the Permittee fails to do so, the MWRDGC shall have the right to disconnect said system. The Permittee hereby agrees to pay for any costs incurred by the MWRDGC for said disconnection. The various rights and remedies of the MWRDGC contained in this permit shall be construed as cumulative, and no one of them shall be construed as exclusive of any one or more of the others or exclusive of any other rights or remedies allowed by applicable rules, regulations, ordinances and laws. An election by the MWRDGC to enforce any one or more of its rights or remedies shall not be construed as a waiver of the rights of the MWRDGC to pursue any other rights or remedies provided under the terms and provisions of this permit or under any applicable rules, regulations, ordinances or laws.
- 15. Expiration. This permit shall expire if construction has not started within one (1) year from the date of issue. Construction under an expired permit is deemed construction without a permit. All

construction under this permit shall be completed within two (2 years) after start of construction. If conditions so warrant, an extension may be granted. For publicly financed projects (e.g. special assessments) the one (1) year period indicated will be considered from the date of final court action.

- 16. Revocation. In issuing this permit, the MWRDGC has relied upon the statements and representations made by the Permittee or his agent. Any incorrect statements or representations shall be cause for revocation of this permit, and all the rights of the Permittee hereunder shall immediately become null and void.
- 17. Advance Notice. Prior to commencement of construction under this permit, the Permittee shall give the MWRDGC an advance notice of at least two working days. When advance notice is given, the Permittee shall provide the permit number, municipality and location.
- 18. Compliance with Plans and Specifications. All construction shall be in accordance with the plans and specifications submitted for this permit and made a part hereof. No changes in, or deviation from the plans and specifications which affect capacity, maintenance, design requirements, service area or permit requirements shall be permitted unless revised plans shall have been submitted to, and approved by the MWRDGC. The permit together with a set of the plans and specifications (revised plans and specifications, if any) shall be kept on the job site at all times during construction until final inspection and approval by the MWRDGC.
- 19. Testing and Approval. All construction under this permit shall be subject to inspection, testing and approval by the MWRDGC. All testing shall be made, or caused to be made, by the Permittee at no cost to the the MWRDGC and in the presence of the MWRDGC representative. Upon satisfactory completion of construction, the Permittee and the owner shall submit, or cause to be submitted, a completion certificate and request for approval on the form prescribed by the MWRDGC. No sewer or other facilities shall be put in service until all the conditions of the permit have been satisfactorily met.
- 20. Record Drawings. Within sixty (60) days after final inspection and approval by the MWRDGC, the Permittee shall furnish, or cause to be furnished to the MWRDGC, a set of Record drawings, or a statement that the project was constructed in accordance with the original plans and specifications.
- 21. Compliance with Rules and Regulations. The Permittee hereby expressly assumes all responsibilities for meeting the requirements of all applicable rules, regulations, ordinances and laws of Local, State and Federal authorities. Issuance of this permit shall not constitute a waiver of any applicable requirements.



SCHEDULE A BASIC INFORMATION

MWRDGC Permit No. 0 = 43 1

1. NAME OF PROJECT HIGHCREST MIDDLE SCHOOL
(as shown on plans)
2. APPURTENANCES (check all applicable items)
Siphon Drop Manholes
Stream Crossing Direct Connections to MWRDGC
3. RECEIVING SANITARY SEWER SYSTEM
A. System that project will connect to is:
Existing Proposed/Under Construction—>MWRDGC Permit #
B. List owners of all sewers from project to MWRDGC interceptor VILLAGE OF WILMETTE
4. EXISTING LIFT STATION
No Yes—> Receiving system includes existing lift station
If Yes, indicate location
5. FLOOD PLAIN
Is any part of the project area in a flood plain?
X No Yes-> Percentage of area in flood plain%
Flood crest elevation Ft.
Identify any manholes in flood plain:
6. SIZE OF PROJECT A. What is the gire of this aminute.
A. What is the size of this project?
B. Total contiguous ownership, including project 7.17 acres
C. Existing impervious area within project acres O-87
D. New impervious area created within project acres
7. DETENTION
A. Is detention provided under this permit? No X Yes —> Detention required by: X MWRDGC X Other VILLAGE OF WILMETTE
B. Is project in the service area of existing detention reservoir?
X No Yes> MWRDGC Permit No
PAGE 4 of 8
* Redevelopment Area

OHNGE GOP

SCHEDULE B SEWER SUMMARY

MWRDGC Permit No. 100 - 431

COMPLETE IN ALL CASES

Pipe Size in.	FORECMAI 4	N 	·		
Total length ft.	200				
Min. slope used -%	1.00				
Pipe Material *	DIP CLASS 52				
Total manholes	о ј	, ·			
Total cleanouts	1				
	wer to serve sub n to serve future n combined sewe	developme er area			
Storm sewers in X Service connect	ions to serve bu	ildings (Sch			

OF COPY

SCHEDULE C SEWER CONNECTIONS

NWRDGC Permit No. DD = 431

(FILL OUT ALL SECTIONS THAT APPLY)

1) BUILDING CONNECTION DAT				
A) RESIDENTIAL BUILDING				•
Single Family	Total dwelling uni	ts *		`•
Number	of sewer connection	ns *	PE**	_
Multi Family	Total dwelling unit	s ·		0.00
Number o	f sewer connection:	s *	PE"	- ,
B) COMMERCIAL & RECREATION Number of sewer (C) INDUSTRIAL BUILDINGS		S <u>1 </u>	PE " 24	-
Number of sewer	connections	•	PE**	_
* Each sanitary lir ** Population Equiv	ne exiting a building valent	is a connection		•
2) BUILDING USE - (Check all tha	t apply)			· .
A) COMMERCIAL & RECREA	TIONAL			
Food preparation o	r processing (instal	I grease separator)		
Auto service (insta	ll triple basin)			
Auto wash (install	mud basin)			
Swimming pool (pr	ovide pool plans)			
X Other	scho	OOL	444444444	
B) INDUSTRIAL BUILDINGS				
☐ Sewer connections	will receive domes	tic sewage only		
Industrial waste is p	produced			
NOTE: If indust along with flow diagram f	rial waste is produc or pretreatment sys	ed, submit Schedules tem.	F & G and plumbing	plans

SCHEDULE D-DETENTION

MWRDGC Permit No.	00-431	

A. PROJECT INFORMATION			
Name of Project Highcrest Middle So	chool (as shown on plans)		<u> </u>
B. Method of Detention:	, ,		
Reservoir Rooftop	Parking Lot		
☐ Other	·	·	
		· .	
C. UNDEVELOPED SITE-DETERMINATION OF ALLOY	NARLE RELFASE		
1. Area of site	Redevelopment Area	Tributary Area	acres
1. Aled Of Site		6.30	acies
Average ground slope	0.0222	0.02426	_ feet\foot
3. Overland flow distance	450	540	feet
4. Overland flow time of concentration	23	24	_ minutes
5. Average slope of channelized flow (see note)	<u>0</u>	0	feet\foot
6. Channelized flow distance (see note)	0	0	feet
7. Channelized flow time of concentration	<u>0</u>	0	minutes
8. Total time of concentration	23	24	minutes
(line 4 + line 7) 9. Rainfall intensity for 3-year storm	2.82	2.72	_inches/hr
10. Allowable release rate,	1.61	2.57	cfs
(0.15*line 9*line 1 or Q=0.15*i*A) 11. Actual release rate	765	0.78	cfs
(cannot be greater than line 10)		_	
12. Restrictor size	<u>4</u>	4	inches

NOTE: For flow time in a well defined channel, determine time of concentration from measured lengths, cross-sections and slopes. Submit necessary calculation.

SCHEDULE D - DETENTION (continued)

MWRDGC Permit No.	00-431	

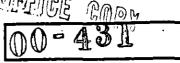
D. DEVELOPED SITE-DETERMINATION OF RESERVOIR SIZE		1
(Submit calculations for 3 and 4)	Redevelopmet	Tributary
1. Impervious drainage area	Area 1.45	Area 1.45 acres
	2.37	4.85
2. Pervious drainage area		acres
Composite runoff coefficient(c)	0.64	0.57 0.90
4. Required detention capacity	0.44 0.54	0.616 acre-feet
Actual detention capacity provided		1.66 acre-feet
		acre-leet
E. REQUIRED BYPASS RATE THROUGH DEVELOPMENT SITE FROM UPSTRE	AM AREA	
NOTE: Design frequency shall be determined by local ordinance. If no local require	ment is established use	5 year storm frequency.
1. Total area upstream	***	acres
2. Impervious area		acres
3. Pervious area		acres
4. Composite runoff coefficient (minimum of 0.35)		
Design storm frequency for the upstream area		year
6. Time of concentration for upstream		
area at point of entry; upstream area to be considered as developed		———— minutes
		-
7. Rainfall intensity for time of concentration		inches/hr
8. Permissible bypass rate(line 1*line 4*line 7)		cfs
NameWalter E. Graft		
Title P.E.		
Signature Date Esmb	Date	07
Engineering Firm Gewalt Hamilton Associates, Inc.		The second

SPECIAL CONDITIONS FOR MWRD PERMIT NO. 00-431

- 1. This permit is issued in reliance upon the Affidavit of Disclosure of Property Interest (Schedule K) submitted by the owner, and said Affidavit is incorporated herein and made a part hereof.
- 2. The storm water detention facilities shown on the plans are made a part of this permit. Construction of these facilities shall proceed prior to or concurrently with other facilities on the project and shall be completed before any occupancy occurs. The detention is provided by a detention basin with a 4.0-inch diameter orifice plate restrictor.
- 3. The proposed 4.0-inch diameter orifice plate shall have a projecting edge.
- 4. All abandoned sanitary sewers shall be plugged at both ends with a minimum of two (2) feet long concrete plugs.
- 5. This permit is issued subject to the terms of an Intergovernmental Agreement between the Wilmette Park District and the Board of Education of Wilmette School District No. 39, and said Agreement shall be made a part of this permit.

NEERING CERTIFICATIONS

MWRDGC Permit No.



CERTIFICATE BY DESIGN ENGINEER: I hereby certify that the project described herein has been designed in accordance with the requirements set forth in this application and all applicable ordinances, rules, regulations, Local, State and Federal laws, and design criteria of the issuing authority; that the storm drainage and sanitary sewer system designed for this project are proper and adequate; that where the design involves one or more connections to a existing local sewer system, the capacity of said system has been examined and the system is found to be adequate to transport the wastewater that will be added through the proposed sewer without violating any provisions of the Illinois Environmental Protection Act or the rules and regulations thereunder.

	Comments, if any:
	Engineering Firm:GEWALT HAMILTON ASSOCIATES, INC
	ACCIONS E 850 FOREST EDGE DRIVE City: VERNON HILLS Zip: ILLINOIS 60061
	Signature: Date: 27 00 PROPERSIONAL WALTER E. GRAFT, P.E. (Name and Title)
þ	CENTIFICAGE BY MUNICIPAL OR SYSTEM ENGINEER: The application and the drawings, together with other databelies submitted with this application, have been examined by me and are found to be in compliance with all applicable requirements. The manner of drainage is satisfactory and proper. The existing local sewer system to which the project discharges has been examined and the system is found to be adequate to transport the wastewater that will be added through the proposed sewer without violating any provisions of the Illinois Environmental Protection Act or the rules and regulations thereunder. I hereby certify that the project area is within the municipal corporate limits. YES NO
	I hereby certify that the project area is within a Tax Increment Financing (TIF) District. TYES X NO
	Owner of Local Sewer System: VILLAGE OF WILMETTE Multiplication of Local Sewer System: VILLAGE OF WILMETTE Multiplication of Local Sewer System: VILLAGE OF WILMETTE Telephone: (847) 251-2700
	Odrassn42201 200 WILMETTE AVENUE City: WILMETTE Zip: ILLINOIS 60091
	PROFESSIONAL Signature Solut S. Hus Date: 8/22/00 ENGINEER SOAL (Name and Title) VILLAGE ENGINEER
	CERTIFICATE BY INSPECTION ENGINEER: I hereby certify that construction of the project will be in substantial compliance with the data and the plans submitted with this application; that approval will be obtained from
	stantial compliance with the data and the plans submitted with this application; that approval will be obtained from the issuing authority prior to making any changes that would affect capacity, maintenance, design requirements, service area or the permit requirements; that a set of RECORD drawings, signed and sealed by the undersigned Engineer will be furnished to the MWRDGC within sixty (60) days after testing and approval by the District of the completed work.
	Engineering Firm: GEWALT HAMILTON ASSOCIATES, INClephone: (847) 478-9700
	Address FOREST EDGE DRIVE City: VERNON HILLS Zip: ILLINOIS 60061 Signature: Name and Title) WALTER E. GRAFT, P.E. PROFESSIONAL
	PAGE 7 of 8

SPECIAL CONDITIONS

This permit is issued subject to the MWRDGC's General

MWRDGC Permit No. DD = 43]]

Conditions, Standard Conditions and the follow	ving Special Conditions: □ □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□		
☐ NONE SEE ATTACHED			
If permit is granted:			
Please return two (2) copies of the permit to the permittee; or Please mail one (1) copy to Permittee and one (1) copy to the person designated below:			
Name: MR. WALTER GRAFT - GEWALT HAMILTON ASSOCIATES, INC.			
Address: 850 FOREST EDGE DRIVE VI	ERNON HILLS, ILLINOIS 60061		
CERTIFICATE BY APPLICANTS: We have read and of this permit application, and agree to conform to the pe MWRDGC. It is understood that construction hereunder by the applicants of any Special Conditions that may be that this application shall not constitute a permit until it is the MWRDGC.	, after the permit is granted, shall constitute acceptance placed hereon by the MWRDGC. It is further understood		
PERMITTEE The project area is within municipal corporate limits. NO NOT APPLICABLE The project area is within a Tax Increment Financing (TIF) District.	CO-PERMITTEE (Co-Permittee is Property Owner) Title to permit is held in a land trust: YES Y NO If yes, Co-Permittee shall be beneficiary with Power of Direction.		
Municipality VILLAGE OF WILMETTE	Owner WILMETTE PUBLIC SCHOOL DISTRICT		
Address 1200 WILMETTE AVENUE	Address 615 LOCUST ROAD		
WILMETTE, ILLINOIS Zip 60091	WILMETTE, ILLINOIS Zip 60091		
Signature Wide Vinhees	Signature Mat Mod		
Name HEIDI VOORHEES	Name MARTIN McCONAHAY		
(Type or Print) Title VILLAGE MANAGER	(Type or Print) Title DIRECTOR OF OPERATIONS & PERSONNEL		
Date 8-12-00 Phone (84)7_251-2700	Date 08/22/03 Phone (84)7 256-2450		
REVIEW AND APPROV	AL BY THE MWRDGC		
Reviewed by: Subhall (Local Sewer System	Date 10-9-00		
Approved for Issue: Approved by: Reflect K	O ∇		

(For the Chief Engineer)

TOTAL 24HOUR RAINFALL (6=MWRD CRITERIA)= ? 6 FILE NAME(NO EXTENSION)? N N EW OR O LD FILE?? N OVERLAND FLOW DIST IN FEET? 450 SLOPE IN FT/FT ? .0222 NUMBER OF PONDS=? 1 ANALYSIS OF POND NO FOR POND NUMBER= 1 IMPERVIOUS AREA ACRES=? 1.45 PERVIOUS AREA ACRES=? 2.37 WATER AREA ACRES ? 0 PERVIOUS AREA C =? .45 INPUT 3 UPST POND NOS U1,U2,U3? 0,0,0 TC= 21.9586 I3= 2.88361 C= .620812 RELEASE= 1.65231 REVISED RELEASE=? .78

```
TIME
       I(100) Q(UPS) Q(100) Q(TOT) QSTOR STORAGE
   .17
         7.60
                  .00
                       18.02 18.02
                                       17.24
                                                 .24
                  .00
                                                 .33
   .33
         5.50
                        13.04
                               13.04
                                       12.26
   .50
         4.40
                  .00
                        10.43
                               10.43
                                        9.65
                                                 .40
   .67
         3.70
                  .00
                        8.77
                                8.77
                                        7.99
                                                 .44
         3.20
                  .00
                         7.58
                                 7.58
                                        6.80
                                                 .47
   .83
                                                 .48
  1.00
         2.80
                  .00
                         6.64
                                 6.64
                                        5.86
                         4.98
                                        4.20
                                                  52
         2.09
                  .00
                                 4.98
  1.50
                                                 .544
         1.70
                  .00
                         4.03
                                 4.03
                                        3.25
  2.00
  3.00
         1.20
                  .00
                         2.84
                                 2.84
                                        2.06
                                                  :51
  4.00
         1.00
                  .00
                         2.37
                                 2.37
                                        1.59
                                                 .53
  5.00
          .84
                  .00
                         1.99
                                1.99
                                        1.21
                                                 .50
                                 1.73
                                                 .47
  6.00
           .73
                  .00
                         1.73
                                          .95
                                1.54
                                                 .44
           .65
                  .00
                        1.54
                                          .76
  7.00
  8.00
           .58
                  .00
                         1.37
                                 1.37
                                          .59
                                                 .39
                                          . 47
          .53
                  .00
                                 1.25
                                                 .35
  9.00
                         1.25
 10.00
           .49
                  .00
                         1.16
                                 1.16
                                          .38
                                                 .31
                                                 .28
           .46
                  .00
                         1.09
                                 1.09
                                          .31
 11.00
                                          .23
                                                 .23
           .43
                  .00
                        1.01
                                1.01
 12.00
                                          .16
 13.00
           .40
                  .00
                          .94
                                 . 94
                                                 .18
           .38
                                          .12
                  .00
                          .90
                                  .90
                                                 .14
 14.00
 24.00
           . 25
                  .00
                          .59
                                  .59
                                          .00
                                                 .00
```

Ready

RUN OSD

OSD 29-SEP-2000 14:48

TOTAL 24HOUR RAINFALL (6=MWRD CRITERIA)= ? 6
FILE NAME(NO EXTENSION)? N
N EW OR O LD FILE?? N
OVERLAND FLOW DIST IN FEET? 540
SLOPE IN FT/FT ? .02426
NUMBER OF PONDS=? 1
ANALYSIS OF POND NO 1
FOR POND NUMBER= 1
IMPERVIOUS AREA ACRES=? 1.45

	TIME	I(100)	Q(UPS)	Q(100)	Q(TOT)	QSTOR	STORAGE	
	.17	7.60	.00	26.50	26.50	25.72	.36	
	.33	5.50	.00	19.18	19.18	18.40	.50	
	.50	4.40	.00	15.34	15.34	14.56	.60	
	. 67	3.70	.00	12.90	12.90	12.12	.67	
	.83	3.20	.00	11.16	11.16	10.38	.71	
	1.00	2.80	.00	9.76	9.76	8.98	.74	
	1.50	2.09	.00	7.32	7.32	6.54	.81	
	2.00	1.70	.00	5.92	5.92	5.14	.85	
	3.00	1.20	.00	4.18	4.18	3.40	.85,-	フ
	4.00	1.00	.00	3.48	3.48	2.70	.904	
	5.00	.84	.00	2.92	2.92	2.14	.89	
	6.00	.73	.00	2.54	2.54	1.76	.88	
	7.00	.65	.00	2.26	2.26	1.48	.86	
	8.00	. 58	.00	2.02	2.02	1.24	.82	
	9.00	.53	.00	1.84	1.84	1.06	.80	
	10.00	.49	.00	1.70		.92		
	11.00	. 46	.00	1.60		.82	.75	
	12.00	.43	.00	1.49		.71	. 71	
	13.00	.40	.00			.61	.66	
	14.00	.38	.00	1.32		. 54	. 63	
	24.00	.25	.00	.87	. 87	.09	.18	
١	Ready							

```
RUN OSD
     19-SEP-2000 10:52
OSD
TOTAL 24HOUR RAINFALL (6=MWRD CRITERIA)= ? 6
FILE NAME(NO EXTENSION)?
N EW OR O LD FILE?? N
OVERLAND FLOW DIST IN FEET? 450
       SLOPE IN FT/FT
                            ? .0222
NUMBER OF PONDS=? 1
ANALYSIS OF POND NO
FOR POND NUMBER=
IMPERVIOUS AREA ACRES=? 1.45(
PERVIOUS AREA ACRES=? 2.375322
WATER AREA ACRES ? 0
    PERVIOUS AREA C =? .45
INPUT 3 UPST POND NOS U1,U2,U3? 0,0,0
TC= 21.9586 V I3= 2.88361 V
C = .620812
               RELEASE = 1.65231
REVISED RELEASE=?
 TIME
        I(100) Q(UPS) Q(100) Q(TOT) QSTOR
                                               STORAGE
    .17
           7.60
                    .00
                         18.02
                                                   .23
                                18.02
                                         16.37
    .33
           5.50
                    .00
                         13.04
                                 13.04
                                         11.39
                                                   .31
    .50
           4.40
                    .00
                         10.43
                                10.43
                                          8.78
                                                  .36
                                                 ′.39
    .67
           3.70
                    .00
                          8.77
                                  8.77
                                          7.12
           3.20
                    .00
    .83
                          7.58
                                  7.58
                                          5.93
                                                   .41
   1.00
           2.80
                    .00
                          6.64
                                  6.64
                                          4.98
                                                   .41
   1.50
           2.09
                    .00
                          4.98
                                  4.98
                                          3.32
                                                   .414
   2.00
           1.70
                    .00
                          4.03
                                  4.03
                                          2.37
                                                   .39
   3.00
           1.20
                    .00
                          2.84
                                  2.84
                                          1.19
                                                   .29
   4.00
           1.00
                    .00
                          2.37
                                  2.37
                                           .71
                                                   .23
            .84
                    .00
                          1.99
                                  1.99
   5.00
                                           .33
                                                   . 14
   6.00
            .73
                    .00
                          1.73
                                  1.73
                                           .07
                                                   .03
   7.00
                    .00
            .65
                          1.54
                                  1.54
                                           .00
                                                   .00
   8.00
            .58
                    .00
                          1.37
                                  1.37
                                           .00
                                                   .00
   9.00
            .53
                    .00
                          1.25
                                  1.25
                                           .00
                                                   .00
  10.00
            .49
                    .00
                                           .00
                                                   .00
                          1.16
                                  1.16
  11.00
            .46
                    .00
                          1.09
                                  1.09
                                           .00
                                                   .00
                                                   .00
  12.00
            .43
                    .00
                                  1.01
                          1.01
                                           .00
                                           .00
  13.00
            .40
                    .00
                            .94
                                   .94
                                                   .00
  14.00
            .38
                    .00
                            .90
                                   .90
                                           .00
                                                   .00
  24.00
            .25
                    .00
                            .59
                                   .59
                                           .00
                                                   .00
Ready
RUN OSD
OSD
       19-SEP-2000 10:55
TOTAL 24HOUR RAINFALL (6=MWRD CRITERIA)= ? 6
FILE NAME(NO EXTENSION)?
N EW OR O LD FILE?? N
OVERLAND FLOW DIST IN FEET? 540
       SLOPE IN FT/FT
                            ? .02426
NUMBER OF PONDS=? 1
ANALYSIS OF POND NO
FOR POND NUMBER=
```

IMPERVIOUS AREA ACRES=? 1.45

PERVIOUS AREA ACRES=? 4.85 WATER AREA ACRES ? 0 * PÉRVIOUS AREA C =? .45 INPUT 3 UPST POND NOS U1,U2,U3? 0,0,0 TC= 23.354 I3= 2.80836 C = .553571RELEASE= 2.6539 REVISED RELEASE=? TIME I(100) Q(UPS) Q(100) Q(TOT) QSTOR **STORAGE** .17 7.60 .00 26.50 26.50 23.85 .33 .33 5.50 .00 19.18 16.52 19.18 .45 15.34 .50 4.40 .00 15.34 12.69 .52 .67 3.70 .00 12.90 12.90 10.24 .57 .83 3.20 .00 11.16 11.16 .58 8.50 1.00 2.80 .00 9.76 9.76 7.11 .59+ 1.50 2.09 .00 7.32 7.32 4.66 . 58 5.92 2.00 .00 5.92 1.70 3.27 .54 3.00 1.20 .00 4.18 4.18 1.53 .38 3.48 4.00 1.00 .00 3.48 .83 .27 5.00 .84 .00 2.92 2.92 .27 .11 6.00 2.54 .73 .00 2.54 .00 .00 7.00 .65 .00 2.26 2.26 .00 .00 8.00 2.02 .58 .00 2.02 .00 .00 9.00 .53 .00 1.84 1.84 .00 .00 10.00 .49 .00 1.70 1.70 .00 .00 11.00 .00 1.60 .00 .46 1.60 .00 12.00 .00 1.49 1.49 .00 .43 .00 13.00 1.39 .00 .40 .00 1.39 .00 14.00 .38 .00 1.32 1.32 .00 .00

24.00

Ready

.00

.87

.87

.00

.00

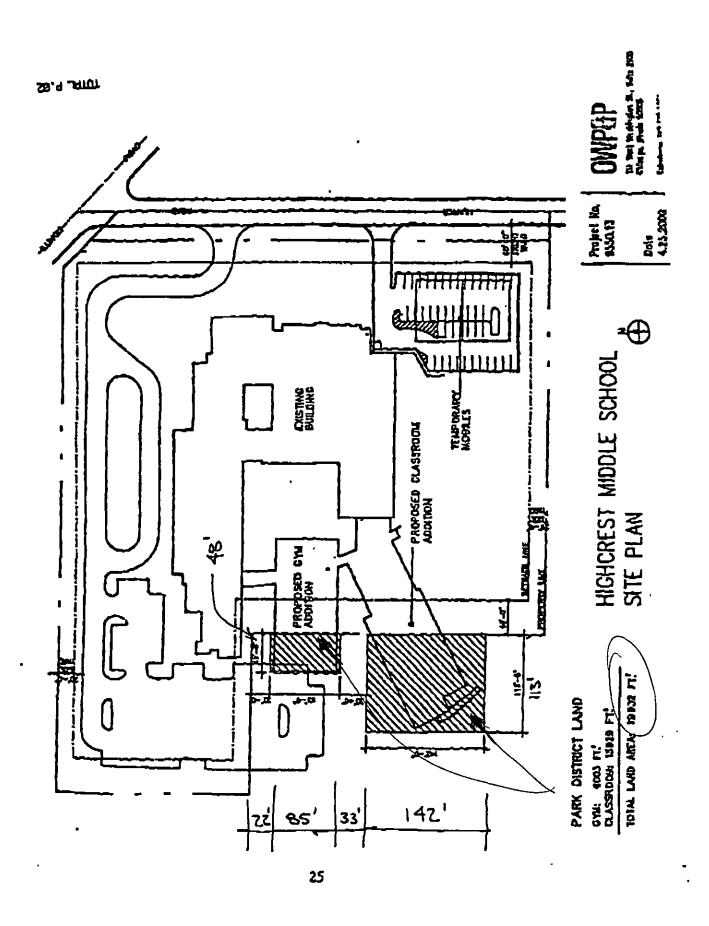
.25

DETENTION REVIEW SHEET

A.	PROJECT	
	Permit No. 00-43	1/00
	Name of Project Highcrest Middle School	
	Location 569 Hunter Road Village of Wilmette	
в.	Basic Information	
	1. Total Project Area 3-82 Acres	
	2. Impervious Area: (a) Existing 0.87; (b) New 0.5	
	3. Runoff Coefficient . 62	
	4. Project is: Residential; Non-Residential	
	5. Project is in flood plain area	yes (no
	6. Building Connections are proposed under this permit	(yes) no
	7. Detention is required for the project covered by this permit	yes no
	8. Detention is provided under this permit	yes/no
	9. Detention criteria: MSD / ; Other	
c.	Non-Applicability Detention requirements are not applicable for the reason(s) indicated:	
	1. Project is in combined sewer area	
	2. Total contiguous ownership is less than 5 acres	
	3. Remaining developable ownership as of 1/1/72 is less than 5 acres.	
	4. Project is single family, residential and area is less than 10 acres	
	5. Project consists of an outlet sewer only and no connections are	
	proposed	
	6. Project consists of sewer rehabilitation work only	
	7. Buildings existing and currently served by septic system	
	8. No new impervious area proposed	
	9. Other	
D.	Relation with Other Projects	
	1. Detention required for this project is provided by existing/ proposed detention facilities	N/A

D.	Relation with Other Projects	
	2. Detention facilities provided under this permit are intended to serve other areas	
	3. Project covered by permit receives drainage from another area and the flow is bypassed	
	4. This project is part of a previous development that exceeded five/ten acres and for which detention has been previously provided in full or in part	
	5. This project is part of a total contiguous land holding that exceeds five/ten acres and for which no detention has been provided	
	6. This project is part of an area previously encumbered for detention	
E.	Design Summary MSD Project	
	1. Drainage area for which detention is provided Reduced The but of the land	²4
	2. Detention requirements for area above .54 . Spac.ft. 1.66 1.66 ac.ft.	
	3. Detention requirements for this project .54 90 ac.ft. 1.66 1.66 ac.ft.	
	4. Release rate for drainage area (1) above 178 78 cfs _78 cfs	
	5. Bypass rate, if any WA NA cfs WA cfs	
	6. Total discharge -78 -78 cfs	
F.	Method of Detention	
	1. Method of Storage: Roof,Ground,Parking Lot,Pond,Other	
	2. Method of Control: Roof Restrictor , Weir . Pipe Outlet, Size, Length,	
	Restrictor/Orifice [=.5, Size 4" Dia, Edge Type Projecting Shamp Edge	
G.	The Village of Wilmette regulates to provide detention pund for the tributary area As previous informed, no Schedule "I" is required, since the remaining area is developed already. Please see Permit as 95-103	
-	Reviewed: JM Date 9/19/00 Checked Date	
	eviewer	

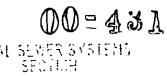
SCHEDULE 2



SPECIAL CONDITIONS FOR PERMIT NO. 95-103

- 1. This permit is issued in reliance upon the Affidavit of Disclosure of Property Interest (Schedule K) submitted by the owner, and said Affidavit is incorporated herein and made a part hereof.
- 2. The stormwater detention facilities shown on the drawings are provided in accordance with local requirements. The detention is provided by ponding on the paved areas with a 3 inch diameter restrictor.

Highcrest Middle School Village of Wilmette, IL SENER SYSTEMS SECTION



Detention and Storm Sewer Calculations [198]

of GRI. CHGO.

Sheet Index	Page	
Detention Calculations	2	
Detention Required (West Redevelopment)	3	
Restrictor Size Allowed	4	
West Redevelopment Exhibit	5 ·	
Detention Narrative	6	
Detention Provided (Tributary Area)	7	
Restrictor Size Provided	8	
Tributary Area Exhibit	9	
Detention Storage	10	
Courtyard 100 Year Storm Calculations	11	
Storage with Courtyard	13	
Storm Sewer Calculations	14	
Existing and Proposed Offsite Release Narrative	15	

Prepared by: Walter E. Graft, P.E.

Dated: 5/26/00 7/21/00 Revised:

Page 2 of 15

Detention Calculations

Village of Wilmette

Per Village Requirement, this site does require detention for the redevelopment zone and all of the Highcrest Middle School's property which drains west to the Community Park.

The redevelopment zone has been delineated on the enclosed Drainage Exhibit.

Redevelopment Zone

Total Area	3.82 AC √	С
Impervious Area	1.45 AC	c = 0.95
Pervious Area	2.37 AC	c = 0.45

Using TP 40 rain distribution and Modified Rational method, it was determined

Required Detention	=	19,156 CF	see page 3
Provided Detention`	=	72,218 CF	see page 5

MWRD

Using MWRD current code, this site does require detention for redevelopment/development zones within the Project Site.

The redevelopment zone was previously prepared within the original submittal. Calculations are provided for reference purposes.

Redevelopment Zone

Total Area	1.71 AC	c
Impervious Area	0.71 AC	c = 0.95
Pervious Area	1.00 AC	c = 0.45

Using TP 40 rain distribution and Modified Rational method, it was determined

Required Detention =
$$\frac{7.917 \text{ CF}}{43500} = 0.182 \text{ AC-FT}$$

GEWALT - HAMILTON & ASSOCIATES, INC. MWRD DETENTION CALCULATIONS

PROJECT: HIGHCREST

DATE: 7/17/00

Village of Wilmette

PROJECT NO: 9445.205

DESCRIPTION:

DESCRIPTION

User Input

Program Output

BASIN AREA

3.82 ACRES

-54 USGS [/] HIGH POINT ELEVATION LOW POINT ELEVATION

44 USGS

DISTANCE

450 FEET

WEST REDEVELOPMENT AREA

SLOPE

2.222% 0-02.22

TIME OF CONCENTRATION ALLOWABLE RELEASE RATE

23 MINUTES 0.42 CFS/ACRE

SITE RELEASE 3 YEAR INTENSITY 1.61 CFS 2.82 IN/HR

AREA @ 0.25

0.00 ACRES

AREA @ 0.45

2.37 ACRES 1.45 ACRES -

AREA @ 0.95 AREA @ 1.00

DEV. C FACTOR

0.00 ACRES

0.64 FACTOR

TIME	100 YR RATE *	FLOW IN	STORAGE RATE	STORAGE DEPTH
0.17	7.6	4.862	4.440	0. 7 55
0.33	5.5	3.519	3.096	1.022
0.5	4.4	2.815	2.393	1.196
0.67	3.7	2.367	1.945	1.303
0.83	3.2	2.047	1.625	1.349
1	2.8	1.791	1.369	1.369
1.5	2.1	1.344	0.921	1.382
2	1.7	1.088	0.665	1.330
3	1.2	0.768	0.345	1.036
4	1	0.640	0.217	0.869
5	0.84	0.537	0.115	0.575
6	0.73	0.467	0.045	0.267
7	0.65	0.416	-0.007	-0.047
8	0.58	0.371	-0.051	-0.412
9	0.53	0.339	-0.083	-0.751
10	0.49	0.313	-0.109	-1.090

MAXIMUM DETENTION DEPTH (AUTOMATIC SEARCH)

1.38

INCHES

TOTAL DETENTION VOLUME (PROGRAM RESULT)

0.440 ACRE-FEET 19156 CUBIC FEET

* Source: Technical Paper 40

DESIGN AN ORFICE AS A RESTRICTOR MSD BASED C'd FACTORS

CB # 15 Restrictor		User Input	Program Output
	HI WATER ELEV	44.4 FEET	
	INVERT/LWL	39.31 FEET	
	C'd SEE BELOW	0.5 FACTOR	
	RESTRICT. DIA	4 INCHES	
	Q ALLOWABLE	1 1 1 0 1 1 1 0	1.614 CFS FOR SITE * `
		allowable release for s	site
	SYSTEM HEAD		4.92 VERTICAL FEET
	ORFICE AREA		0.181 SQ. FT.
			26.11 SQ. IN.
	ORFICE DIA.		5.8 IN. DIA.
	SELECTED		
	DIAMETER	4.00 IN. DIA.	
	ACTUAL	-	
	RELEASE	0.777 CFS RELEAS	SE
	FOR C'd RELEASE RATES		
	ON MSD CRITERIA		
Q=Ca ⁺ F	A * (64.4 * Head)^0.5		
	Square Edged	0.79-0.82	
	Round Edged	0.93-0.98	
	Sharp Edged	0.58-0.64	
	Projecting Edge	0.50	

hsue No. Project Project No. Dette Refer To.

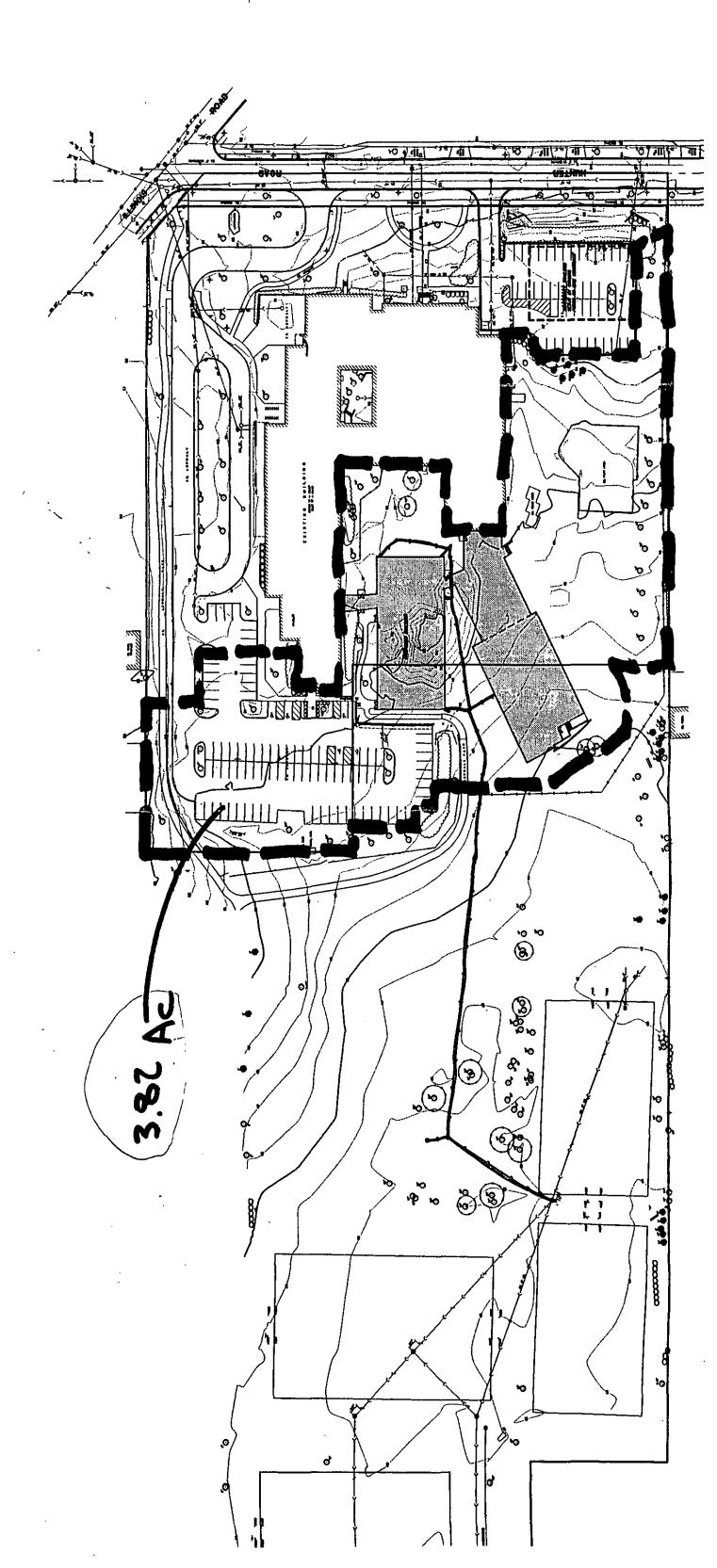
CONSULTING ENGINEERS & SURVEYORS 850 Forest Edge Drive Vernon Hills, IL 60081 Tel. 847.478.9700 Pax 847.478.9701

Scale 1"=100'

ASSOCIATES, INC.

West Redevolpment Area Highcrest Middle School

GEWALT



68

Detention / Release

Revised: 7/21/00

Using the Village of Wilmette's requirement to provide detention for the project site's redevelopment zone and tributary west drainage area, it was determined that 19,156 CF of detention at a maximum release rate of 1.61 cfs is required. The 1.61 cfs release rate would allow a 6" restrictor. The Village of Wilmette's detention method requires an increase of 11,239 CF and 0.64 cfs compared to the MWRD method for detention and release rates, respectively. In order to provide additional benefits to the surrounding area and adjoining properties, the restrictor has been reduced to a 4" diameter and the detention basin has been increased in size. The detention basin has been designed to provide up to 72,218 CF. When modeling the actual drainage area tributary to the detention basin using the 4" restrictor, it was determined that 40,325 CF of storage will be provided at a maximum release of 0.78 cfs. Therefore the proposed basin provides an additional 21,169 of storage, approximately two (2) times more than the Village of Wilmette is requesting and five (5) times more than MWRD requires.

Supplement 9/14/00

GEWALT - HAMILTON & ASSOCIATES, INC. MWRD DETENTION CALCULATIONS

PROJECT: HIGHCREST

DATE: 9/14/00

.

Village of Wilmette

PROJECT NO: 9445.205

DESCRIPTION:

DESCRIPTION

User Input

Program Output

BASIN AREA 6.3 ACRES
HIGH POINT ELEVATION 55.1 USGS
LOW POINT ELEVATION 42 USGS
DISTANCE 540 FEET

AREA TRIBUTARY TO BASIN AREA MAXIMUM ALLOWABLE RELEASE

SLOPE

2.426%

TIME OF CONCENTRATION ALLOWABLE RELEASE RATE

24 MINUTES 0.41 CFS/ACRE

SITE RELEASE

2.57 CFS 2.72 IN/HR

3 YEAR INTENSITY

AREA @ 0.25 0.00 ACRES
AREA @ 0.45 4.85 ACRES
AREA @ 0.95 1.45 ACRES
AREA @ 1.00 0.00 ACRES

DEV. C FACTOR

0.57 FACTOR

TIME	100 YR RATE *	FLOW IN	STORAGE RATE	STORAGE DEPTH
0.17	7.6	4.295	3.886	0.661
0.33	5.5	3.108	2.700	0.891
0.5	4.4	2.486	2.078	1.039
0.67	3.7	2.091	1.683	1.127
0.83	3.2	1.808	1.400	1.162
1	2.8	1.582	1.174	1.174
1.5	2.1	1.187	0.778	1.168
2	1.7	0.961	0.552	1.105
3	1.2	0.678	0.270	0.809
4	1	0.565	0.157	0.627
5	0.84	0.475	0.066	0.332
6	0.73	0.413	0.004	0.025
7	0.65	0.367	-0.041	-0.287
8	0.58	0.328	- 0.081	- 0.644
9	0.53	0.299	- 0.109	-0.979
10	0.49	0.277	-0.131	-1.314

MAXIMUM DETENTION DEPTH (AUTOMATIC SEARCH)

1.174

INCHES

TOTAL DETENTION VOLUME (PROGRAM RESULT)

0.616 ACRE-FEET 26837 CUBIC FEET

^{*} Source: Technical Paper 40

DESIGN AN ORFICE AS A RESTRICTOR MSD BASED C'd FACTORS

CB # 15 Restrictor		User Input		Program Output
	HI WATER ELEV	44.4 FEET		
	INVERT/LWL	39.31 FEET		
	C'd SEE BELOW	0.5 FACTÒR		
	RESTRICT. DIA	4 INCHES		
	Q ALLOWABLE		0.781	CFS FOR SITE *
	* Total	allowable release for s	ite	
	SYSTEM HEAD		4.92	VERTICAL FEET
	ORFICE AREA		0.088	SQ. FT.
				SQ. IN.
	ORFICE DIA.		4.0	IN. DIA.
	SELECTED DIAMETER	4.00 IN. DIA.		
	ACTUAL RELEASE	0.777 CFS RELEAS	E -	
BASED	FOR C'd RELEASE RATES ON MSD CRITERIA A* (64.4 * Head)^0.5			
	Square Edged	0.79-0.82		
	Round Edged	0.93-0.98		
	Sharp Edged	0.58-0.64		
	Projecting Edge	0.50		

 $\ \, \neg \, \not \in \mathbb{R}$ Tributary Area To Basin

Tributary Area to Basin Highcrest Middle School

7-12-00

Brouge No. Project No. Debter Refer To:

CONSULTING ENGINEERS & SURVETORS 850 Forest Edge Drive Vernon Hills, IL 60061 Tel. 847.478.9700 Fax 847.478.9701 ASSOCIATES, INC.

Scale 1"=100'

GEWALT

ď ю, ď ,o ю ં **B** U 3 & 8 8 (3) *

Page 10 of 15

Detention Storage

Provided Storage

Elevation	SF	Avg. SF	Depth	CF	Cum CF
42.0	0 <	10.0/0	•	10.070	0
43	20,120	10,060	1	10,060	10,060
44	55,690	37,905	1	37,905	47,965
44.4	_{65,575} >	60,0632	0.40	24,253	72,218
		7. 2.0 0.7	0.454.000		72,210
Provided St	torage	72,218 CF > 1	9,156 CF Req	uired	1
		OK			ه زد ک

Courtyard 100 Year Storm Calculations

Due to the proposed courtyard containing a large catchment area, storm sewer was designed using 100 year intensity and the drainage was designed to provide 100 year storm storage capacity with no release (assuming worst case that storm sewer is clogged.)

- 1. Per Storm Sewer Calculations Page 14
 100 year storm capacity using Bulletin 70 was provided
- 2. Assuming No Release

 Maximum 100 year storm capacity

Required = 2,400 CF Page 12

Provided = 9,445 CF Page 13

GEWALT - HAMILTON & ASSOCIATES, INC. COURTYARD STORAGE

PROJECT: HIGHCREST

DATE: 5/8/00

Village of Wilmette

PROJECT NO: 9445.205

DESCRIPTION:

DESCRIPTION User Input Program Output

BASIN AREA 0.3 ACRES
HIGH POINT ELEVATION 51.5 USGS
LOW POINT ELEVATION 51 USGS
DISTANCE 50 FEET

SLOPE 1.000%

TIME OF CONCENTRATION

10 MINUTES

ALLOWABLE RELEASE RATE

10.00 CFS/ACRE

No Release

SITE RELEASE 0.00 CFS 3 YEAR INTENSITY 0.00 IN/HR

AREA @ 0.25 0.00 ACRES
AREA @ 0.45 0.30 ACRES
AREA @ 0.95 0.00 ACRES
AREA @ 1.00 0.00 ACRES

DEV. C FACTOR 0.45 FACTOR

TIME	100 YR RATE *	FLOW IN	STORAGE RATE	STORAGE DEPTH
0.17	7.6	3.420	3.420	0.581
0.33	5.5	2.475	2.475	0.817
0.5	4.4	1.980	1.980	0.990
0.67	3.7	1.665	1.665	1.116
0.83	3.2	.1.440	1.440	1.195
1	2.8	1.260	1.260	1.260
1.5	2.1	0.945	0.945	1.418
2	1.7	0. <i>76</i> 5	0. <i>7</i> 65	1.530
3	1.2	0.540	0.540	1.620
4	1	0.450	0.450	1.800
5	0.84	0.378	0.378	1.890
6	0.73	0.329	0.329	1.971
7	0.65	0.293	0.293	2.048
8	0.58	0.261	0.261	2.088
9	0.53	0.239	0.239	2.147
10	0.49	0.221	0.221	2.205

MAXIMUM DETENTION DEPTH (AUTOMATIC SEARCH)

2.21

INCHES

TOTAL DETENTION VOLUME (PROGRAM RESULT)

0.055 ACRE-FEET 2400 CUBIC FEET

^{*} Source: Technical Paper 40

STORAGE CAPACITY WITHIN COURTYARD IF PIPE RELEASE IS CLOGGED

100 year Storm	Volume	Required	with no	Release
----------------	--------	----------	---------	---------

2,400 CF

Elevation	SF	Avg. SF	Depth	CF	Cum CF
49.5	0	350	0.5	175	0
50.0	700	330	0.5	173	175
51.0	9,000	4,850	1.0	4,850	5,025
51.4	13,100	11,050	.4	4,420	9,445

Courtyard Storage

9,445 CF > 2,400 Required

OK

Associates	Design
Iton	Capacity
alt - Ham	Sewer
Gewall	Storm

. . .

Highcrest Middle School Wilmette, Illinois

PROJECT #9445.205
DATE:5-11-00
DESIGN STORM: 10 YEAR STORM

	Pipe Vel. (ft/s)					4.01					
	Pipe Capacity	0.79	62.0	1.20	0.79	2.18	1.11	1.36	3.48	8.00	5.93
	Σ	0.013				0.013		0.013	0.010	0.010	0.010
	% pe	2.00	2.00	1.00	2.00	1.00	0.50	1.28	1.50	3.00	0.50
	Length (ft)	56	13	œ	22	8	8	8	117	48	400
	Area (sq.ft)	0.20	0.20	0.35	0.20	0.55	0.35	0.35	0.55	62.0	1.23
	Pipe Area Length S Dia (in) (sq.ft) (ft)	9	9	œ	9	10	œ	80	10	12	15
Total	Flow (cfs)	0.11	0.11	0.84	0.56	2.07	0.70	0.74	206	3.67	3.67
Restrictor	Flow (cfs)	•	•		•	•			•		
	Flow (cfs)	0.11	0.11	0.84	0.56	2.07	0.70	0.74	5.06	3.67	3.67
	Intensity i (in/hr)	5.88	5.88	5.88	5.88	5.88	4.84	4.84	4.84	4.84	4.84
	Time of Conc.(min)	10	10	10	10	10	15	15	15	15	15
	Run-off CA	0.02	0.02	0.14	0.10	0.35	0.14	0.15	0.43	92.0	92.0
	Total Run-off Run-off (Ac.) Factor CA	0.95	0.95	0.95	0.95	0.95	0.45	0.45	0.79	0.79	0.79
	Total (Ac.)	0.02	0.02	0.15	0.10	0.37	0.32	0.34	0.54	0.96	96.0
	Area (Ac.)	0.02	0.02	0.15	0.10	0.37	0.30	0.00	000	0.00	0.00
	To Area Structure Designation	B4	/ B3	/ B2	B1	U	∢				
	To Structure	CB21	CB20	MH22	MH19	MH19	CB20	MH22	MH19	MH18	CB16
	From Structure	gpid	gpld	bldg	bldg	Splq	CB21	CB20	MH22	MH19	MH18

MSOT2 01

						100 STORA	100 STORM CAPACITY IN COURT YARD	N IN COL	JRT YAR					
CB20	∢	0.30	0.30	0.45	0.14	15	8.20	1.11		1.11	œ	0.35	3	0.50
MH22		0.00	0.30	0.45	0.14	15	8.20	1.11		1.11	∞	0.35	ß	1.28

100 STORM

3.17

1.11

0.010

* Based on Bulletin 70 Intensity

9445.205 Stm Calc

Offsite Drainage/Release

(Park District)

Revised: 7/11/00

Existing Conditions

Currently the existing southern portion of the Park District parcel (approximately 24.6 AC) is drained by an existing storm sewer along the south property line. This existing storm sewer starts upstream at the southeast corner of the property as an 8" storm line and runs west towards Locust Road discharging to a 24" storm line in the center of Locust Road, which then drains south. Along the westerly run, the 8" storm sewer increases in size to 12" and then 18" where the storm line goes under the existing Wilmette Jr. High building. This existing sewer run appears to be in poor condition creating standing surface water after small intensity storms and extending lost playfield time due to ground saturation conditions. Park District personnel have confirmed that a portion of 18" storm pipe under the building footprint is broken. This collapsed 18" sewer is a dangerous condition which may impact the existing Locust School storm services connected and is impeding the existing playfield drainage system creating a surface water nuisance.

Proposed Conditions

The existing 18" broken storm line under the building will not be fixed. The existing 12" and 8" storm sewer discharging the park play areas will be disconnected from the broken 18" sewer reducing flow to the restricted 18" storm sewer and reducing tributary flow to the existing 24" storm sewer on Locust Road south of the school. A new 15" and 12" perforated sewer will be constructed to collect the existing displaced catchment and rerouted north around Wilmette Junior High to the existing 27" storm sewer on Locust Road discharging north to Lake Avenue.

GEWALT HAMILTON

ASSOCIATES, INC.

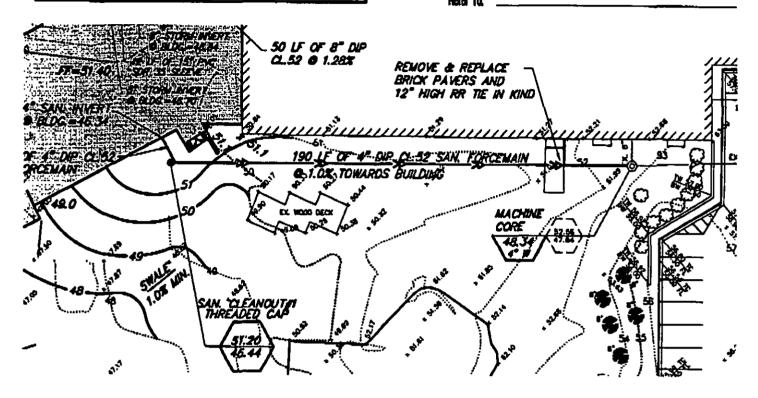
CONSULTING ENGINEERS & SURVEYORS

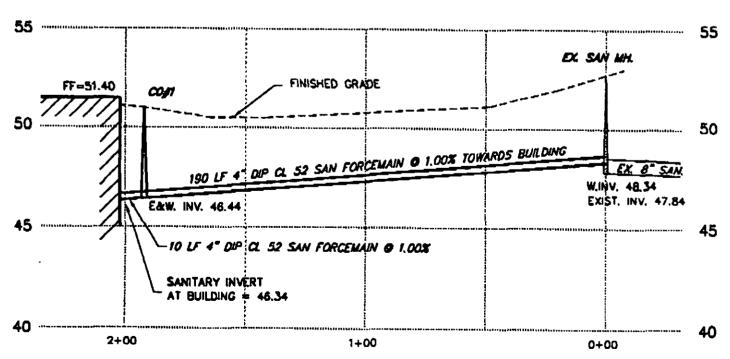
850 Forest Edge Drive Vernon Mills, IL 80081

Tel. 847.478.9700 Fax 847.478.9701

Sanitary Sewer Profile

Project No. 9445,205
Deter 9-11-00
Refer To:





SCALE: HOR. 1"=40' VERT. 1"=5'

SANITARY FORCEMAIN PROFILE

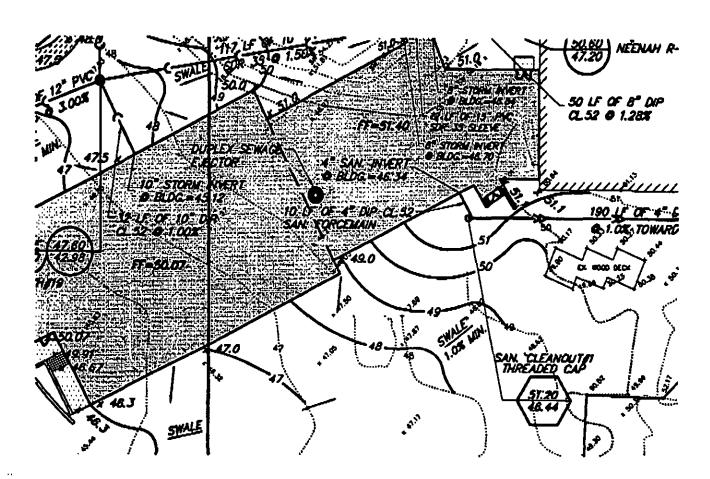
GEWALT HAMILTON

ASSOCIATES, INC.

CONSULTING ENGINEERS & SURVEYORS
850 Forest Edge Drive Vernon Hills, IL 60061
Tel. 847.478.9700 Fax 847.478.9701

Sanitary Ejector and Location

saus No.	2	
Project	Highcrest Middle School	_
	9445,205	
	9-11-00	_
Refer To:		



SE-1 DUPLEX SEWAGE EJECTOR

METROPOLITAN (GORMAN-RUPP OR I.T.T. MARLOW) "METRO-PRIME" DUPLEX PUMP SYSTEM, TO INCLUDE TWO MODEL 30 MPC150 SELF-PRIMING SEWAGE PUMPS WITH REMOVABLE SUCTION CASINGS. EACH UNIT TO BE RATED 100 GPM AT 16 FT. T.D.H., WITH 4" DISCHARGE, TO PASS 2 1/2" DIAMETER SOLIDS, CLOSE-COUPLED TO A 1 1/2 HP, 1150 RPM, 3 PHASE, 208 VOLT, O.D.P. MOTOR. CONTROLS TO CONSIST OF A NEMA-1 CONTROL PANEL WITH DISCONNECTS, STARTERS, O.L. BLOCKS, H-O-A SWITCHES, RUN LIGHTS, TRANSFORMER, AND ALARM BELL & LIGHT WITH SILENCE BUTTON. A NEMA-1 PEDESTAL MOUNTED FLOAT ALTERNATOR SHALL BE MOUNTED ON THE 46" O.D. GASTIGHT STEEL BASIN COVER.



PROVIDE 42"DIA. X 84" DEEP FIBERGLASS BASIN WITH CONCRETE ANCHOR FLANGE. INLETS SHALL BE AS INDICATED ON PLANS.

PROVIDE GATE VALVE AND NON-SLAM CHECK VALVE ON EACH PUMP DISCHARGE.

ALL EQUIPMENT TO BE PROVIDED BY A SINGLE SOURCE AND HAVE A WARRANTY FOR A PERIOD OF ONE (1) YEAR FROM DATE OF START-UP ON COMPLETE SYSTEM.

SCHEDULE D-DETENTION

MWRDGC Permit No.	00-431	
MWRDGC Permit No.	00-431	,

A. PROJECT INFORMATION			
Name of Project Highcrest Middle Sch	anol shown on plans)		-
B. Method of Detention:			
Reservoir Rooftop	Parking Lot		
☐ Other	<u> </u>		
		•	
C. UNDEVELOPED SITE-DETERMINATION OF ALLOWA	DIE DELEACE		
1. Area of site	Redevelopment Area	Tributary Area	acre
Average ground slope	0.0222	0.02426	feetVoo
3. Overland flow distance	4.50	540	fee
4. Overland flow time of concentration		24	_ minutes
5. Average slope of channelized flow (see note)	0	0	feet/foo
6. Channelized flow distance (see note)	<u></u> <u>0</u>		fee
7. Channelized flow time of concentration	0	0	minute:
8. Total time of concentration	23	24	minutes
(line 4 + line 7) 9. Rainfall intensity for 3-year storm	2.82	2.72	inches/h
10. Allowable release rate,	1,61	2,57	ds
(0.15*line 9*line 1 or Q=0.15*i*A) 11. Actual release rate	<u>0.78</u>	0.78	ds
(cannot be greater than line 10)	4	٨	

NOTE: For flow time in a well defined channel, determine time of concentration from measured lengths, cross-sections and slopes. Submit necessary calculation.

SCHEDULE D -DETENTION (continued)

MWRDGC Permit No.	00-431	
-------------------	--------	--

(Submit calculations for 3 and 4)	Redevelopmet Area	Tributa:	r y
. Impervious drainage area		1.45	acres
Pervious drainage area	2.37	4.85	_ acres
L. Composite runaff coefficient(c)	0.64	0.57	-
Required deterition capacity	0.44	0.616	- acre-le
Actual detention capacity provided		1.66	- acre-fe
. REQUIRED BYPASS RATE THROUGH DEVELOPMENT SITE FROM UPSTRE	EAM AREA]	
HOTE: Design frequency shall be determined by local ordinance. If no local require	ement is established use	5 year storm fr	equency.
. Total area upstream			_ acres
. Impervious area	····		acres
Pervious area	···· 		_ acres
Composite runoff coefficient(minimum of 0.35)	····		-
Design storm frequency for the upstream area			- λes t
Time of concentration for upstream area at point of entry; upstream area to be considered as developed			- minute:
Rainfall intensity for time of concentration	nan		inches/
. Permissible bypass rate	1001	·	-ds
meWalter E. Graft		· · · · · · · · · · · · · · · · · · ·	
מ מ			· · · · · · · · · · · · · · · · · · ·
ile P.E.		1 1	
anature when E Empl	Date	100	

GEWALT - HAMILTON & ASSOCIATES, INC. MWRD DETENTION CALCULATIONS

PROJECT: HIGHCREST

DATE: 9/14/00

Village of Wilmette

PROJECT NO: 9445.205

DESCRIPTION:

DESCRIPTION

User Input

Program Output

BASIN AREA 6.3 ACRES HIGH POINT ELEVATION 55.1 USGS LOW POINT ELEVATION 42 USGS DISTANCE

AREA TRIBUTARY TO BASIN AREA MAXIMUM **ALLOWABLE RELEASE**

540 FEET

SLOPE

2.426%

TIME OF CONCENTRATION 24 MINUTES ALLOWABLE RELEASE RATE 0.41 CFS/ACRE

SITE RELEASE 2.57 CPS 3 YEAR INTENSITY 2.72 IN/HR

AREA @ 0.25 0.00 ACRES AREA @ 0.45 4.85 ACRES AREA @ 0.95 **1.45 ACRES** AREA @ 1.00 0.00 ACRES

DEV. C FACTOR 0.57 FACTOR

TIME	100 YR RATE *	FLOW IN	STORAGE RATE	STORAGE DEPTH
0.17	7.6	4.295	3.886	0.661
0.33	5.5	3.108	2.700	0.891
0.5	4.4	2.486	2.078	1.039
0.67	3.7	2.091	1.683	1. 127
0.83	3.2	1.808	1.400	1.162
1	2.8	1.582	1.174	1.174
1.5	2.1	1.187	0.778	1.168
2	1.7	0.961	0.552	1.105
3	1.2	0.678	0.270	0.809
4	1	0.565	0.157	0.627
5	0.84	0.475	0.066	0.332
6	0.73	0.413	0.004	0.025
7	0.65	0.36 <i>7</i>	-0.041	-0.287
8	0.58	0.328	-0.081	- 0.644
9	0.53	0.299	-0.109	-0.979
10	0.49	0.277	-0.131	-1.314

MAXIMUM DETENTION DEPTH (AUTOMATIC SEARCH)

1.174

INCHES

TOTAL DETENTION VOLUME (PROGRAM RESULT)

0.616 ACRE-FEET 26837 CUBIC FEET

^{*} Source: Technical Paper 40

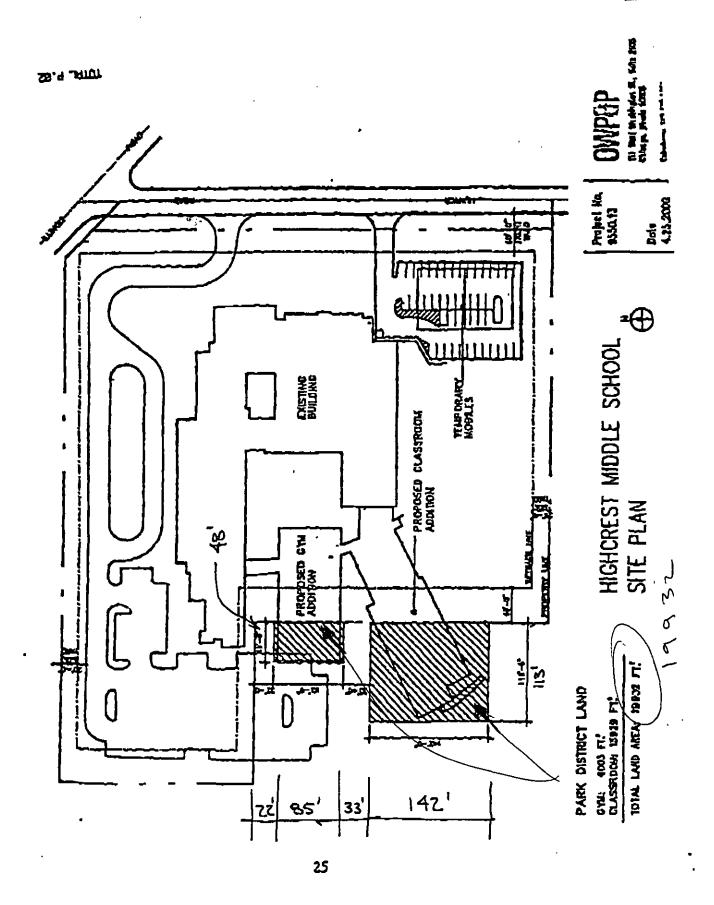
SCHED)ULE	A	
BASIC	INFO	RMA'	TION

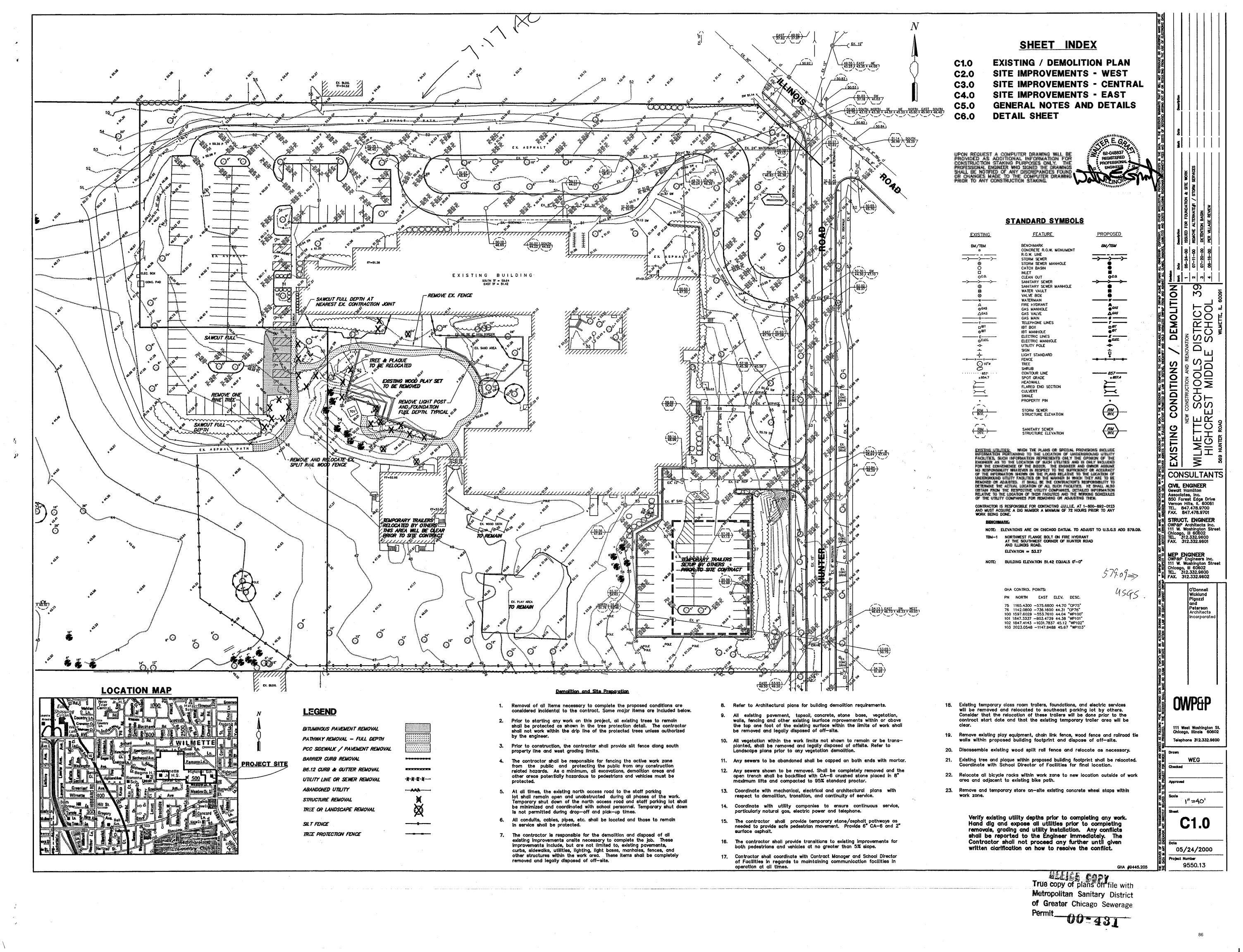
MWRDGC Permit No.	·

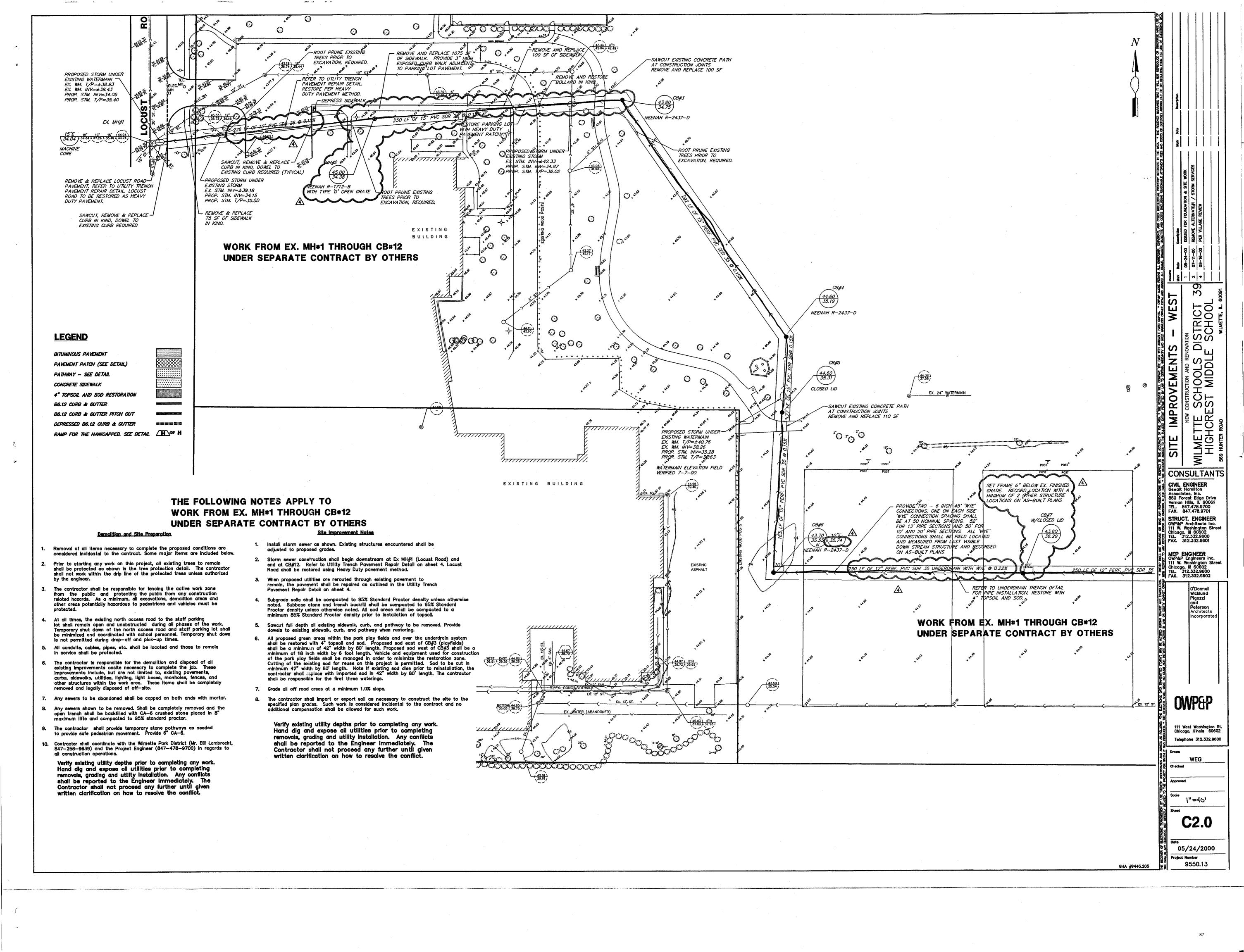
	ROJECT HIGHCREST MIDDLE SCHOOL (as shown on plans)
2. APPURTEN	ANCES (check all applicable items)
	Siphon Drop Manholes
	Stream Crossing Direct Connections to MWRDGC
1 RECEIVING	Sanitary Sewer System
	nat project will connect to is:
X Existing	Proposed/Under Construction—>MWRDGC Permit #
	rs of all sewers from project to MWRDGC interceptor
4 EXISTING LIF	T STATION
□ No	Yes-> Receiving system includes existing lift station
	If Yes, indicate location
5 FLOOD PLAN	
	is any part of the project area in a flood plain?
X No	Yes-> Percentage of area in flood plain
	• • • • • • • • • • • • • • • • • • • •
ldoeit, an . —	Flood crest elevation P_
	anholes in flood plain:
& SIZE OF PRO.	
A. What is the	size of this project?acres 3.82
B. Total contig	nuous ownership, Including project 7.17 acres
C. Existing imp	pervious area within project acres 0,87
D. New imperv	ious area created within project 0.58 acres
A le deserte	
☐ No	provided under this permit? I Yes -> Detention required by: I MWRDGC I Other VILLAGE OF WILMETT
R le amicatio	the service area of existing detention reservoir?

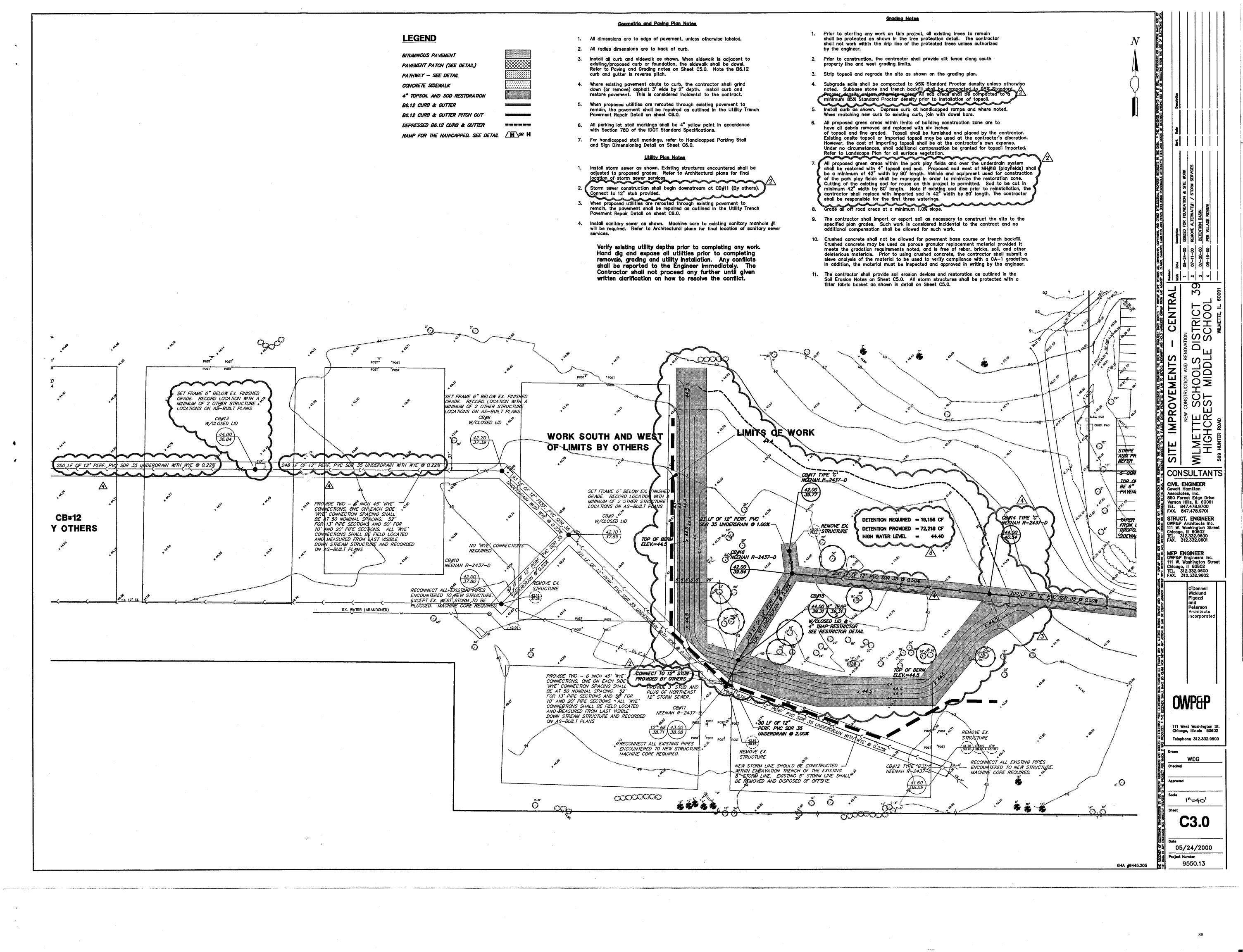
SCHEDULE 2

00-431









GEWALT HAMILTON

ASSOCIATES, INC.

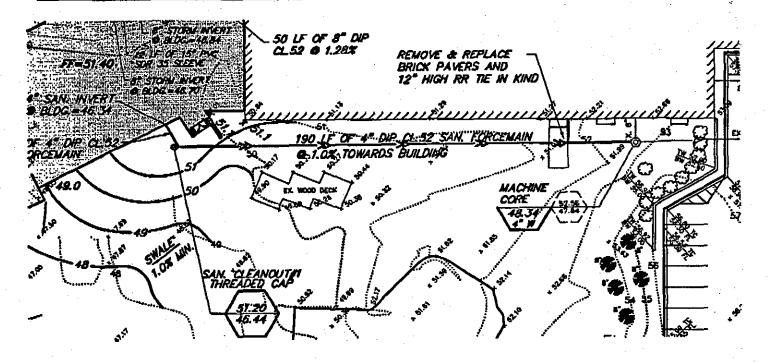
CONSULTING ENGINEERS & SURVEYORS

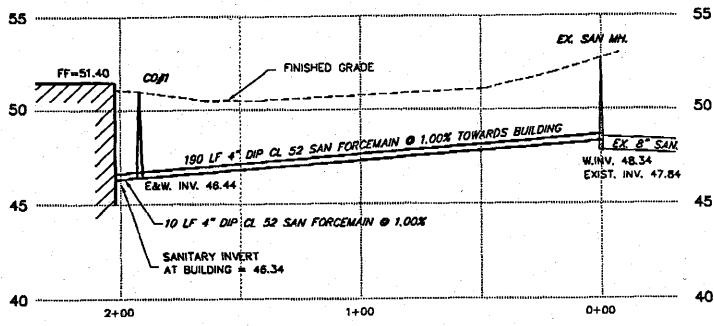
850 Forest Edge Drive Vermon Hills, IL 50061

Tel. 847.478.8700 Fax 847.478.8701

Sanitary Sewer Profile

lease No. 1
Project Highcrest Middle School
Project No. 9445,205
Date: 9-11-00
Heter To:





SCALE: HOR. 1"=40' VERT. 1"=5'

SANITARY FORCEMAIN PROFILE

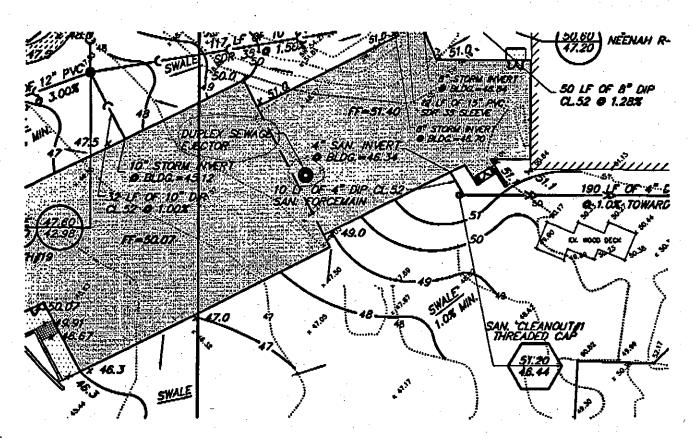
GEWALT HAMILTON

ASSOCIATES, INC.

CONSULTING ENGINEERS & SURVEYORS 850 Forest Edge Drive Vernon Hills, IL 60061 Tel. 847.478.9700 Fex 847.478.9701

Sanitary Ejector and Location

Issue No. 2
Project Highcrest Middle School
Project No. 9445,205
Date: 9-11-00
Refer To:



SE-1 DUPLEX SEWAGE EJECTOR

METROPOLITAN (GORMAN-RUPP OR I.T.T. MARLOW) "METRO-PRIME" DUPLEX PUMP SYSTEM, TO INCLUDE TWO MODEL 30 MPC150 SELF-PRIMING SEWAGE PUMPS WITH REMOVABLE SUCTION CASINGS. EACH UNIT TO BE RATED 100 GPM AT 16 FT. T.D.H., WITH 4" DISCHARGE, TO PASS 2 1/2" DIAMETER SOLIDS, CLOSE-COUPLED TO A 1 1/2 HP, 1150 RPM, 3 PHASE, 208 VOLT, O.D.P. MOTOR. CONTROLS TO CONSIST OF A NEMA-1 CONTROL PANEL WITH DISCONNECTS, STARTERS, O.L. BLOCKS, H-O-A SWITCHES. RUN LIGHTS, TRANSFORMER, AND ALARM BELL & LIGHT WITH SILENCE BUTTON. A NEMA-1 PEDESTAL MOUNTED FLOAT ALTERNATOR SHALL BE MOUNTED ON THE 46" O.D. GASTIGHT STEEL BASIN COVER.

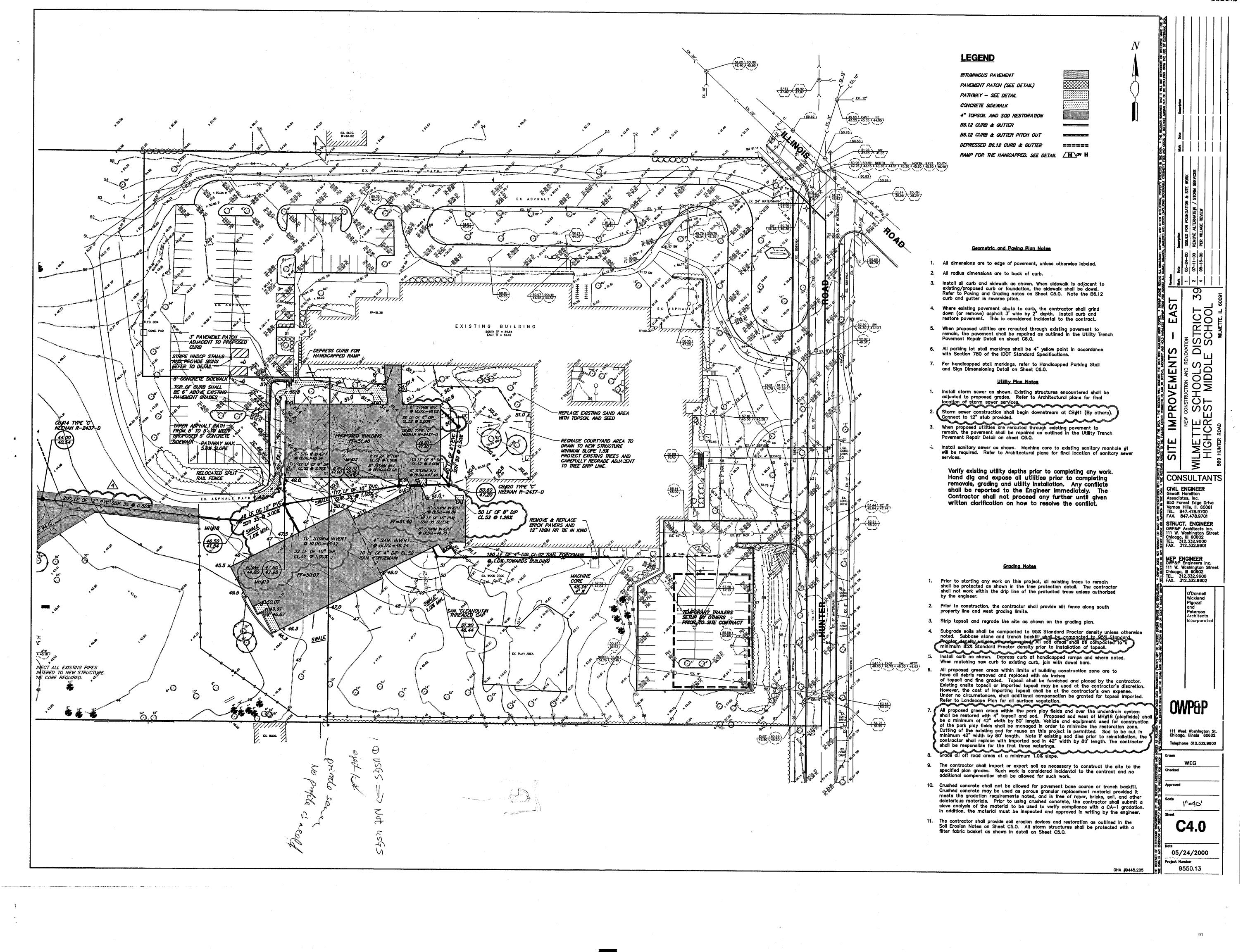


Scole 1"=40"

PROVIDE 42"DIA. X 84" DEEP FIBERGLASS BASIN WITH CONCRETE ANCHOR FLANGE. INLETS SHALL BE AS INDICATED ON PLANS.

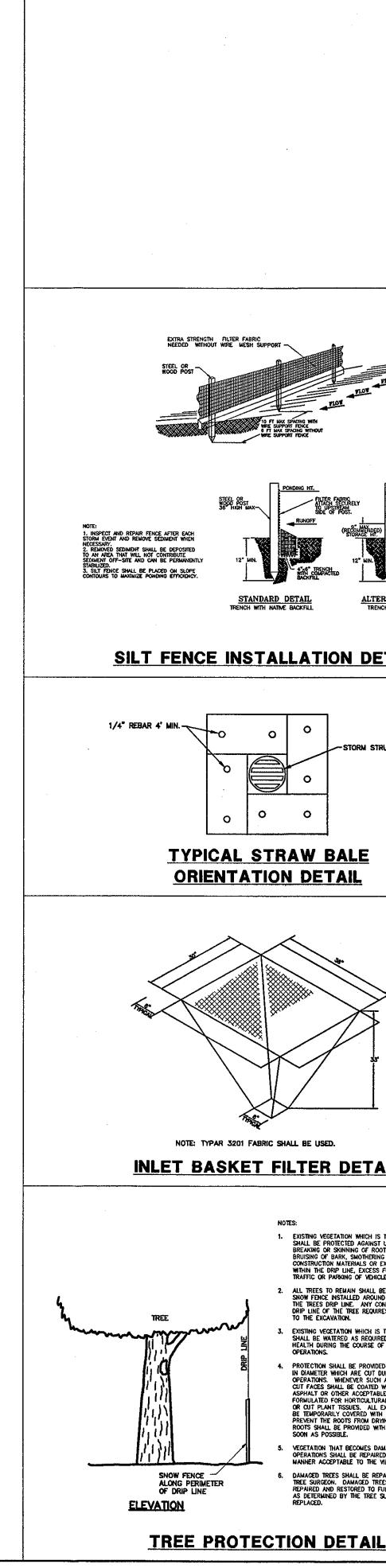
PROVIDE GATE VALVE AND NON-SLAM CHECK VALVE ON EACH PUMP DISCHARGE.

ALL EQUIPMENT TO BE PROVIDED BY A SINGLE SOURCE AND HAVE A WARRANTY FOR A PERIOD OF ONE (1) YEAR FROM DATE OF START-UP ON COMPLETE SYSTEM.



GENERAL NOTES A-1. THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" LATEST EDITION, THE "STANDARD SPECIFICATIONS FOR WATER AND SEMER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION, PROJECT SPECIFICATIONS, ALL APPLICABLE REQUIREMENTS OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, THE VILLAGE OF WILMETTE, ALL APPLICABLE REQUIREMENTS OF THE ORDINANCES OF AUTHORITIES HAVING JURISDICTION AND ALL ADDENDA THERETO SHALL GOVERN THIS WORK. THE STANDARD SPECIFICATIONS, PROJECT SPECIFICATIONS, CONSTRUCTION PLANS AND SUBSEQUENT DETAILS ARE ALL TO BE CONSIDERED AS PART OF THE CONTRACT, INCIDENTAL ITEMS OR ACCESSORIES NECESSARY TO COMPLETE THIS WORK MAY NOT BE SPECIFICALLY NOTED BUT ARE TO BE CONSIDERED A PART OF THE CONTRACT. A-3. NO CONSTRUCTION PLANS SHALL BE USED FOR CONSTRUCTION UNLESS SPECIFICALLY MARKED FOR CONSTRUCTION'. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND GRADES. IF THERE ARE ANY DISCREPANCES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSION OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND A-4, BEFORE ACCEPTANCE BY THE OWNER AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED AND APPROVED BY THE OWNER OR HIS REPRESENTATIVES. FINAL PAYMENT WILL BE MADE AFTER ALL OF THE CONTRACTOR'S WORK HAS BEEN A-5. WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LODSE MATERIAL IS X C-4. DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL WILL BE REMOVED AT THE CLOSE OF FACIL MADERIAL OF THE LOOSE MATERIAL WILL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF. A-6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS, TRAFFIC CONTROL DEVICES, AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC DURING ALL PHASES OF CONSTRUCTION. A-7. WHENEVER THE PERFORMANCE OF WORK IS INDICATED ON THE PLANS AND NO ITEM IS INCLUDED IN THE CONTRACT FOR PAYMENT, THE WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE A-8. DURING CONSTRUCTION OPERATIONS THE CONTRACTOR SHALL ENSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING OR ANY OTHER METHOD ACCEPTABLE TO THE ENGINEER AND THE VILLAGE. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF. A-9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY RDAD OF MATERIAL THAT IS FROM THE PROJECT. THIS WILL BE DONE AT THE CLOSE OF EACH DAY OF WORK OR MORE FREQUENTLY AS MAY BE REQUIRED DUE TO FIELD CONDITIONS. A-10. ALL CONSTRUCTION WILL BE INSPECTED BY THE OWNER'S ENGINEER. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE MUNICIPALITY AS WELL AS THE STANDARD A-11. PAVEMENT SUBBASE, BASE, AND SURFACE MUST EACH BE INSPECTED BY THE ENGINEER AND THE VILLAGE PRIOR TO THE NEXT PHASE OF WORK. PROOF ROLLING AND NUCLEAR DENSITY TESTING WILL BE UTILIZED. A-12. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE FROM THE SITE ANY AND ALL MATERIALS AND DEBRIS WHICH RESULT FROM HIS CONSTRUCTION OPERATIONS AT NO ADDITIONAL EXPENSE TO THE OWNER. A-13. WHEN A CONFLICT BETWEEN PLANS AND SPECIFICATIONS OR NOTES OCCURS, THE ENGINEER SHALL DECIDE WHICH GOVERNS. GENERALLY, THE MORE RESTRICTIVE, MORE SPECIFIC, OR STRICTER PROVISION SHALL GOVERN. A-14. CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL AREAS AFFECTED BY EQUIPMENT OR LABORERS TO EXISTING CONDITIONS. CONTRACTOR IS ALSO RESPONSIBLE FOR PROTECTING ALL NEW WORK UNTIL COMPLETION OF THIS A-15. THE CONTRACTOR SHALL INDEMNIFY THE OWNER, THE ARCHITECT, THE ENGINEER, THE VILLAGE OF WILMETTE AND THEIR AGENTS, FROM ALL LIABILITY INVOLVED IN THE CONSTRUCTION, INSTALLATION AND TESTING OF THE WORK ON THIS PROJECT. A-16. THE CONTRACTOR MUST CARRY INSURANCE IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND MUST PRESENT A JOB-SPECIFIC CERTIFICATE OF INSURANCE NAMING ALL OFFICIALS AND EMPLOYEES OF THE VILLAGE, THE ARCHITECT, AND THE ENGINEER, AS ADDITIONAL A-17. ALL ELEVATIONS ARE BASED ON U.S.G.S. DATUM. A-18. EXISTING UTILITIES: WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF UNDERGROUND UTILITY INFORMATION PERTAINING TO THE LOCATION OF UNDERGROUND UTILITY FACILITIES, SUCH INFORMATION REPRESENTS ONLY THE OPINION OF THE ENGINEER AS TO THE LOCATION OF SUCH UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY WHATSOEVER IN RESPECT TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS RELATIVE TO THE LOCATION OF UNDERGROUND UTILITY FACILITIES OR THE MANNER IN WHICH THEY ARE TO BE REMOVED OR ADJUSTED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES. HE SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES, JULILE, THE VILLAGE OF BARRINGTON, DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR REMOVING OR ADJUSTING THEM. A-19. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE GUARANTEED BY THE CONTRACTOR AND HIS SURETY FOR A PERIOD OF 12 MONTHS FROM THE DATE OF INITIAL. ACCEPTANCE OF THE WORK BY THE OWNER AGAINST ALL DEFECTS IN MATERIALS AND WORKMANSHIP OF WHATEVER NATURE. A-20. EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT IN LOCATION WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE A-21. REMOVED PAVEMENT, SIDEWALK, CURB AND GUTTER, ETC. SHALL BE DISPOSED OF OFFSITE AT LOCATIONS PROVIDED BY THE CONTRACTOR AT HIS EXPENSE. B-1. THE CONTRACTOR SHALL INSTALL AND MAINTAIN SOIL EROSION CONTROL DEVICES IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. ALL CONSTRUCTION WILL ADHERE TO THE REQUIREMENTS SET FORTH IN THE IEPA'S NEW CONSTRUCTION SITE ACTIVITIES NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORM B-2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL DEVICES AND SHALL PROVIDE QUALIFIED PERSONNEL TO INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE EVERY 7 CALENDAR OAYS AND WITHIN 24 HOURS OF A STORM THAT IS OF 0.5 INCHES OR GREATER OR 8-3. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING. B-4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY ROAD OF MATERIAL XXIII THAT IS FROM THE PROJECT. THIS WILL BE DONE AT THE CLOSE OF EACH DAY OF WORK OR MORE FREQUENTLY AS MAY BE REQUIRED DUE TO FIELD CONDITIONS. ALL STORM WATER YARD INLETS, C.B., AND MANHOLES SHALL BE PROTECTED WITH BALES. DURING CONSTRUCTION ALL SEDIMENT SHALL BE REMOVED ADJACENT TO STRAW BALES WHEN DEPTH OF SEDIMENT EXCEEDS SIX INCHES. ALL STRAW BALES BE REPAIRED OR REPLACED AS NEEDED. ALL OPEN FRAMES AND LIDS SHALL be protected with filter fabric B-8. ALL PROPOSED GREEN AREAS SHALL BE VEGETATED WITHIN 2 MONTHS OF BEING DISTURBED WITH CRITICAL DRAINAGE AREAS REQUIRING IMMEDIATE ATTENTION. ALL GREEN AREAS SHALL RECEIVE A MINIMUM OF 6" OF TOPSOIL AND BE SEEDED B-7. AFTER ACHIEVING PERMANENT VEGETATION, ALL BALES SHALL BE REMOVED AND ALL DRAINAGE STRUCTURES CLEANED. B-8. SILT FENCE SHALL BE INSTALLED AT THE TOE OF ALL BERMS AT PERIMETER OF THE PROPERTY, AROUND PERIMETER OF THE POND AND AT OTHER LOCATIONS NOTED ON THE PLANS AND AS DIRECTED BY THE ENGINEER OR THE VILLAGE IN FIELD. THE CONTRACTOR SHALL MAINTAIN SILT FENCE THROUGHOUT THE OF THE PROJECT AND REMOVE AND DISPOSE OF ALL SOIL EROSION CONTROL DEVICES AT THE CONCLUSION OF THE PROJECT. B-9. TEMPORARY SEEDING, MULCHING, AND INSTALLATION OF EROSION CONTROL BLANKETS WILL BE REQUIRED. THE CONTRACTOR SHALL HAVE SUFFICIENT QUANTITIES OF EROSION CONTROL BLANKET ON SITE AT ALL TIMES TO IMMEDIATELY COVER DISTURBED AREAS.

- 4-			
	TEMPORARY EROSION CONTROL BLANKET SHALL BE "NORTH AMERICAN GREEN" \$75. THE CONTRACTOR IS EXPRESSLY ADVISED NOT TO DISTURB AREAS WHICH ARE OUTSIDE THOSE NECESSARY TO PROVIDE THE IMPROVEMENTS AS CALLED FOR IN THE	C-24. SERVICE CONNECTIONS TO NEW SEWERS SHALL BE MADE WITH WYE BRANCHES. WYE BRANCHES SHALL BE FACTORY MANUFACTURED PERMANENTLY AFFIXED TO THE MAIN SEWER. TEE BRANCHES ARE NOT ALLOWED.	D-5. A STANDARD PROCTOR DENSITY OF 95% IS REQUIRED FOR SUBBASE AND STONE BASE. A DENSITY OF 93% IS REQUIRED FOR ASPHALT. ALL OFF-ROAD ZONES SHALL BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR. FILL CANNOT INCLUDE DEBRIS. (REMOVE ALL DEBRIS, TREES, ETC. FROM SITE).
B - 12.	PLANS. IN PARTICULAR, SPECIFIC TREES WILL BE TARGETED FOR PRESERVATION AND ROOT ZONE PROTECTION. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF	C-25. CONNECTION TO THE EXISTING WATERWAIN SHALL BE MADE WITHOUT INTERRUPTION OF EXISTING WATERMAIN FLOW, UNLESS APPROVED BY THE VILLAGE. THE CONTRACTOR MAY TEST AGAINST THE EXISTING VALVE OR MAY UTILIZE A day of the contractor	D-6. ALL DISTURBED NON-PAVEMENT AREAS SHALL BE ROUGH GRADED. THE CONTRACTOR IS RESPONSIBLE FOR ALL EROSION PREVENTION AND REPAIR.
	THE PROJECT. STRAW BALES, SILT FENCE, ROCK FILTERS, SLOTTED RISERS, AND OTHER EROSION CONTROL METHODS SHALL BE REPLACED WHEN DAMAGED OR FILLED THROUGHOUT THE LIFE OF THE PROJECT.	C-26. ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER. ALL DOWNSPOUTS, SIDEYARD DRAINS, FOOTING DRAINS AND OUTSIDE DRAINS SHALL	D-7. CURB AND GUTTER SHALL BE M3.12, B6.12, VERTICAL CURB OR MATCH EXISTING FOR SHORT SECTIONS. THE CURB SHALL CONSIST OF PORTLAND CEMENT CONCRETE, 4" SLUMP, 6.1 BAG MIX, AND AIR ENTRAINMENT OF NOT LESS FIVE (6%) OR MORE THAN EIGHT (8%). CONCRETE SHALL BE A MINIMUM COMPRESSIVE
B-13.	ALL BYPASS CHANNELS, MUST BE CONSTRUCTED SO THAT CHANNEL FLOWS WILL NOT CAUSE EROSION OF EXCAVATED MATERIAL. IN EACH CASE A SEDIMENTATION BASIN MUST BE CONSTRUCTED SO AS TO ALLOW SOME OF THE SEDIMENT TO SETTLE PRIOR	DISCHARGE TO THE STORM SEWER OR OVER GROUND. C-27. OVERHEAD PLUMBING IS REQUIRED FOR ALL NEW BUILDINGS HAVING FLOOR SLABS BELOW GROUND LEVEL. ALL SEWERS MUST BE INSTALLED WITH LASER BEAM.	STRENGTH (3500 PSI) AT FOURTEÉN (14) DAYS, ALL CURB AND GUTTER SHALL BE BROOM FINISHED. SAW CONTRACTION JOINTS AT LEAST 2" IN DEPTH 15' O.C. AND AT ALL PC'S & PT'S WITHIN 24 HOURS, CURB AND GUTTER SHALL BE BACKFILLED
B-14.	TO THE DOWNSTREAM OUTLET OF THE PROJECT AREA. PUMPS MAY BE USED AS BYPASS DEVICES BUT IN NO CASE WILL THE WATER BE DIVERTED OUTSIDE THE PROJECT LIMIT.	C-28. SANITARY SEWERS, HOUSE SEWERS OR STORM DRAINS THAT ARE LAID IN THE VICINITY OF PIPE LINES DESIGNATED TO CARRY POTABLE WATER SHALL MEET THE	AFTER PAVEMENT IS INSTALLED. IT SHALL BE BACKFILLED AND COMPACTED FOR A DISTANCE OF 5 FEET AT A 2% GRADE. D-8. 3/4" THICK PRE-MOLDED FIBER EXPANSION JOINTS WITH 3/4" x 18" PLAIN
דנותע	Y/ IEPA / MWRD NOTES	CONDITIONS SET FORTH IN SECTION 41-2.01 OF THE STANDARD SPECIFICATIONS FOR SEWER AND WATERMAIN CONSTRUCTION, C-29. HORIZONTAL SEPARATION WATER MAINS AND SEWERS:	ROUND, STEEL DOWEL BARS SHALL BE INSTALLED IN ALL CURBS, 1/2" x 12" PLAIN ROUND STEEL DOWEL BARS IN SIDEWALK AT (60') SIXTY FOOT INTERVALS AND AT ALL P.C.'S, P.T.'S, CURB RETURNS. ALTERNATE ENDS OF THE DOWEL BARS SHALL BE GREASED AND FITTED WITH METAL EXPANSION TUBES. ALL
C-1.	SEWER AND WATER CONTRACTOR SHALL BE LISCENSED AND BONDED WITH THE VILLAGE OF WILMETTE BEFORE THE JOB IS STARTED.	(1) WATER MAINS SHALL BE LOCATED AT LEAST TEN FEET HORIZONTALLY FROM AN EXISTING OR PROPOSED DRAIN, STORM SEWER, SANITARY SEWER, COMBINED	EXPANSION JOINTS MUST BE FREE OF CONCRETE FOR FULL DEPTH, CONTRACTION JOINTS SHALL BE TOOLED AT 5' INTERVALS IN THE SIDEWALK. THE COST OF THESE JOINTS SHALL BE CONSIDERED AS INCIDENTAL TO THE COST OF THE
C-2.	ALL CONSTRUCTION SHALL CONFORM TO THE ILLINOIS RECOMMENDED STANDARDS FOR SEWAGE WORKS, LATEST EDITION, PUBLISHED BY THE IEPA. THE CONTRACTOR SHALL PROVIDE A LIST OF SEWER AND WATER SERVICE	SEWER OR SEWER SERVICE CONNECTION. (2) WATER MAINS MAY BE LOCATED CLOSER THAN TEN FEET TO A SEWER LINE WHEN	CONTRACT. CONTRACTION JOINTS SHALL ALSO BE TOOLED DOWN THE CENTER OF ALL SIDEWALKS GREATER THAN 6' WIDE. (FIVE FOOT SPACING MAXIMUM). D-9. ALL PORTLAND CEMENT CONCRETE SHALL BE CURED AND PROTECTED IN
.4	MEASUREMENTS TO THE VILLAGE AND TO THE PROJECT ENGINEER AT THE CONCLUSION OF THE JOB.	(A) LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF TEN FEET; AND	ACCORDANCE WITH THE STANDARD SPECIFICATIONS. TWO COATS OF WHITE CURING COMPOUND SHALL BE APPLIED TO ALL CONCRETE WORK AS SOON AS THE FINISH IS COMPLETE, WITHIN ONE (1) HOUR OF FINAL STRIKING.
₩ /c-4.	THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF WILMETTE (847—251—2700), THE MWRD LOCAL SEWER PERMIT SECTION (708—588—4055), AND THE PROJECT ENGINEER (847—478—9700) AT LEAST 3 WORKING DAYS PRIOR TO BEGINNING ANY WORK ON THIS PROJECT.	(B) THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE CROWN OF THE SEWER; AND (C) THE WATER MAIN IS EITHER IN A SEPARATE TRENCH OR IN THE SAME	D-10. A VIBRATORY ROLLER IS REQUIRED FOR THE BREAKDOWN PASSES, AND A STATIC ROLLER FOR THE FINISH COURSE. WEIGHTS AS PER IDOT SPECS.
C-5.	UNDERGROUND WORK SHALL INCLUDE TRENCHING, DEWATERING, INSTALLATION OF PIPE, CASTINGS, STRUCTURES, BACKFILLING OF TRENCHES AND COMPACTION, AND	TRENCH ON AN UNDISTURBED EARTH SHELF LOCATED TO ONE SIDE OF THE SEWER. (3) WHEN IT IS IMPOSSIBLE TO MEET (1) OR (2) ABOVE, BOTH THE WATER MAIN	D-11. CONCRETE SURFACE (SIDEWALKS, DRIVEWAYS, AND PAVEMENTS) A) FINISH WITH A LIGHT BROOM FINISH. B) 6.1 BAG MIX, 4" SLUMP MAX, 5%-8% AIR-ENTRAINED, READY-MIX CONCRETE.
	TESTING AS SHOWN ON THE CONSTRUCTION PLANS. FITTINGS AND ACCESSORIES NECESSARY TO COMPLETE THE WORK MAY NOT BE SPECIFIED BUT SHALL BE CONSIDERED AS INCIDENTAL TO THE COST OF THE CONTRACT. ALL SEWER SHALL BE INSTALLED USING A LASER. CONTRACTOR SHALL PROVIDE "AS BUILT" DRAWINGS	AND DRAIN OR SEWER SHALL BE CONSTRUCTED OF SLIP-ON OR MECHANICAL JOINT CAST OR DUCTILE IRON PIPE, PRESTRESSED CONCRETE PIPE, OR PVC PIPE EQUIVALENT TO WATER MAIN STANDARDS OF CONSTRUCTION. THE DRAIN	C) 4000 PSI AT 28 DAYS, TWO CYLINDERS/25 CY. (TO BE PROVIDED AND TAKEN BY CONTRACTOR). D) SLOPE AT MINIMUM 1% AS NOTED ON PLANS.
∦ \\\(\bar{c}-8.	OF ALL SEWER AND WATERMAIN INSTALLATIONS. 'BANO-SEAL' OR SIMILAR FLEXIBLE TYPE COUPLINGS SHALL BE USED WHEN CONNECTING SEWER PIPES OF DISSIMILAR MATERIALS.	OR SEWER SHALL BE PRESSURE TESTED TO THE MAXIMUM EXPECTED SURCHARGE HEAD BEFORE BACKFILLING. C-30. VERTICAL SEPARATION - WATER MAINS AND SEWERS:	D-12. CONCRETE SIDEWALKS SHALL BE 5° THICK (B" THICK THROUGH DRIVEWAYS), SET ON THE 4" CA-6 CRUSHED STONE COMPACTED SUBBASE AND SHALL BE 1/4" /FOOT ABOVE THE ADJACENT CURB. SPECIFICATIONS FOR CONCRETE AND CURB AND
°C~7.	WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE ONE OF THE FOLLOWING METHODS	(1) A WATER MAIN SHALL BE SEPARATED FROM A SEWER SO THE BOTTOM OF THE WATER MAIN IS A MINIMUM OF 18 INCHES ABOVE THE CROWN OF THE DRAIN	GUTTER SHALL HAVE A 14 DAY COMPRESSIVE STRENGTH OF 3500 PSI WITH A 5-8% ENTRAINED AIR, WITH 6.1 BAG MIX AND 2-4 INCHES OF SLUMP. FINISH WITH A LIGHT BROOM SURFACE. MEET PAVEMENT GRADE WITH A DEPRESSED CURB. CURING COMPOUND APPLIED WHEN FINISHED. MINIMUM CROSS SLOPE SHALL BE 1/4° PER FOOT TOWARD
¾ ₹8	SHALL BE USED: (1) CIRCULAR, SAW-CUT OF SEWER MAIN WITH PROPER TOOLS ("SHEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUB - WYE SADDLE OR	OR SEWER WHENEVER WATER MAINS CROSS STORM SEWERS, SANITARY SEWERS OR SEWER SERVICE CONNECTIONS. THE VERTICAL SEPARATION SHALL BE MAINTAINED FOR THAT PORTION OF THE WATER MAIN LOCATED WITHIN TENFEET HORIZONTAILLY OF ANY SEWER OR DRAIN CROSSED. A LENGTH OF WATER	STREET. D-13. WHENEVER NEW CONCRETE ABUTS EXISTING CONCRETE, SET A 3/4" THICK PRE-MOLDED FIBER EXPANSION JOINT AND COWEL WITH SMOOTH 12" #4 BARS AT 24" O.C.
	HUB — TEE SADDLE, IN ACCORDANCE WITH MANUFACTUREROS RECOMMENDATIONS. (2) USING PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF	MAIN PIPE SHALL BE CENTERED OVER THE SEWER TO BE CROSSED WITH JOINTS EQUIDISTANT FROM THE SEWER OR DRAIN. (2) BOTH THE WATER MAIN AND SEWER SHALL BE CONSTRUCTED OF SLIP-ON OR	EXCEPT AT BUILDING ENTRANCES WHERE THEY SHALL BE AT 12° O.C. THIS INCLUDES CONCRETE POURED ADJACENT TO EXISTING SIDEWALKS, CURBS AND BUILDING, EXCEPT AT EXPANSION JOINTS. THE DOWEL BARS SHOULD BE 4" INTO EXISTING
	PIPE FOR INSERTION OF PROPER FITTING. USE "BAND-SEAL" COUPLINGS OR SIMILAR COUPLINGS, AND SHEAR RINGS AND CLAMPS TO FASTEN THE INSERTED FITTING AND HOLD IT FIRMLY IN PLACE. MISSION COUPLINGS	MECHANICAL JOINT CAST OR DUCTILE IRON PIPE, PRESTRESSED CONCRETE PIPE, OR PVC PIPE EQUIVALENT TO WATER MAIN STANDARDS OF CONSTRUCTION WHEN:	CONCRETE WITH B" EXTENDING INTO NEW CONCRETE. D-14. PRIME COAT FOR THE SURFACE COURSE SHALL BE APPLIED TO THE BINDER AT A RATE OF 0.07 GAL/SY (SS-1). PRIME COAT FOR THE BINDER COURSE SHALL BE
	SHALL HAVE THE LENGTH OF BOOT APPROXIMATELY EQUAL TO THE PIPE DIAMETER. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR THE INSTALLATION.	(A) IT IS IMPOSSIBLE TO OBTAIN THE PROPER VERTICAL SEPARATION AS DESCRIBED IN (1) ABOVE; OR	APPLIED TO THE SUBBASE AT A RATE OF 0.25 GAL/SY (P.E.P.). D-15. WHEREVER A PAVEMENT OVERLAY OCCURS ADJACENT TO A CONCRETE SURFACE
	NO CUT-IN CONNECTION, MADE BY BREAKING OR CUTTING A HOLE IN THE MAIN AND INSERTING THE SPIGOT END OF AN ORDINARY SEWER PIPE SHALL BE PERMITTED.	(B) THE WATER MAIN PASSES UNDER A SEWER OR DRAIN. (3) A VERTICAL SEPARATION OF 18 INCHES BETWEEN THE INVERT OF THE SEWER OR DRAIN AND THE CROWN OF THE WATER MAIN SHALL BE MAINTAINED WHERE	OR EXISTING PAVEMENT, THE CONTRACTOR SHALL GRIND DOWN (OR REMOVE) ASPHALT 3' WIDE BY 2" DEPTH UNLESS OTHERWISE NOTED ON THE PLANS. THIS IS CONSIDERED INCIDENTAL TO THE CONTRACT.
C-8.	NOTED ON THE PLANS. (1) REINFORCED CONCRETE PIPE, CLASS IV, CONFORMING TO ASTM C-78	A WATER MAIN CROSSES UNDER A SEWER, SUPPORT THE SEWER OR DRAIN LINES TO PREVENT SETTLING AND BREAKING THE WATER MAIN, AS SHOWN ON THE PLANS OR AS APPROVED BY THE ENGINEER. THIS MAY BE AS FOLLOWS:	D-16. ALL CURB AND SIDEWALK SHALL BE REINFORCED WITH TWO #4 REBARS (THREE EQUALLY SPACED REBAR FOR SIDEWALK) WHENEVER THE CURB OR SIDEWALK CROSSES A UTILITY TRENCH. EXTEND THE REBAR TEN FEET BEYOND THE TRENCH ON BOTH SIDES.
	WITH O-RING JOINTS CONFORMING TO ASTM C-443. (2) DUCTILE IRON PIPE CLASS 52 CONFORMING TO ANSI A21.51 OR AWWA C-151. GASKETS AND CAST IRON FITTINGS SHALL CONFORM TO ANSI A21.11 OR	(A) THE SEWER SHALL BE DESIGNED AND CONSTRUCTED EQUAL TO WATER PIPE, AND SHALL BE PRESSURE TESTED TO ASSURE WATER TIGHTNESS PRIOR TO BACKFILLING.	D-17. WHERE PETROMAT IS USED APPLY AC-10 AT THE RATE OF 0.25 GALLONS PER SQUARE YARD IMMEDIATELY PRIOR TO LAYING OF PETROMAT. LIGHT PASSENGER TRAFFIC IS
	AWWA C-110 OR C-111. (3) PVC SDR 35 OR SDR 26 PIPE CONFORMING TO ASTM D-3034 WITH RUBBER GASKET JOINTS CONFORMING TO ASTM D3212.	(B) EITHER THE WATER MAIN OR THE SEWER LINE MAY BE ENCASED IN A WATERTIGHT CARRIER PIPE WHICH EXTENDS TEN FEET ON BOTH SIDES	ALLOWED FOR 24 HOURS AFTER PETROMAT IS APPLIED. D-18. ALL GEOTEXTILE FABRIC SHALL BE AMOCO 2006 OR APPROVED EQUAL. OVERLAP ALL EDGES BY AT LEAST 18". USE OF SMALL PIECES SHALL NOT BE
C-9.	STORM SEWER STRUCTURES ARE TO BE PRECAST REINFORCED CONCRETE ECCENTRIC TYPE WITH A MINIMUM 48 INCH INSIDE DIAMETER BARREL SECTION.	OF THE CROSSING, MEASURED PERPENDICULAR TO THE WATERMAIN. THE CARRIER PIPE SHALL BE OF MATERIALS APPROVED FOR USE IN WATER MAIN CONSTRUCTION.	PERMITTED. ALTERNATE MATERIAL MUST BE APPROVED BY THE PROJECT ENGINEER PRIOR TO ORDERING.
	STEPS SHALL BE MADE OF STEEL REINFORCED PLASTIC, USING AN APPROVED PLASTIC MEETING ASTM D4101, TYPE II, GRADE 49108 OVER A #3 GRADE 60, ASTM A615, REINFORCING BAR. A MAXIMUM OF 8 INCHES OF ADJUSTING RINGS SHALL BE USED.	(4) CONSTRUCTION SHALL EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE PERPENDICULAR DISTANCE FROM THE WATER MAIN TO THE SEWER OR DRAIN LINE IS AT LEAST TEN FEET.	RESTORATION E-1. STOCKPILES AND SWALES SHALL BE SEEDED OR MULCHED IN ACCORDANCE WITH THE
C-10.	UNLESS OTHERWISE NOTED ON THE PLANS, ALL INLETS AND CATCHBASINS LOCATED IN PAVEMENT AREAS SHALL HAVE NEENAH R-1712-B FRAMES WITH TYPE D OPEN GRATES. INLETS, CATCHBASINS AND TYPE 'C' CATCHBASINS IN OFF-ROAD AREAS	C-31. WATERMAIN SHALL BE DUCTILE IRON PIPE, CLASS 52, CONFORMING TO ANSI A21.51 OR AWWA C-151. WATERMAIN SHALL BE CEMENT LINED IN ACCORDANCE WITH AWWA C-104. GASKETS AND CAST IRON FITTINGS SHALL CONFORM TO ANSI A21.11 OR AWWA C-110 OR C-111. WATERMAIN COVER FROM FINISHED GRADE TO	idot seeding and mulching schedule. E-2. Spread a minimum of 6° of pulverized topsoil on all disturbed turf areas and proposed green areas.
	SHALL HAVE NEENAH R-2437 FRAMES WITH TYPE 'D' OPEN GRATES. MANHOLES SHALL HAVE NEENAH R-1712-B FRAMES WITH CLOSED LIDS WITH THE WORD "STORM" IMPRINTED ON THE COVER.	TOP OF WATERMAIN SHALL BE 5.5 FEET. WATERMAIN SHALL BE INSTALLED IN ACCORDANCE WITH AWWA C-600 AND C-601.	TOPSOIL MUST BE FREE OF ROCKS AND EARTH CLODS OF GREATER THAN 3 INCHES IN ANY DIMENSION, FINE GRADE FOR MINIMUM 1% SLOPE FOR DRAINAGE, SEED WITH TYPE I SEEDING AND MULCH APPLIED WITH A HYDRAULIC SEEDER IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED IN
C-11.	STORM MANHOLES, INLETS AND CATCH BASINS PLACED WITHIN THE ROADWAY SURFACE SHALL HAV: AN UNDERDRAIN SYSTEM OF PERFORATED RIGID PVC SDR35 PIPE AS DETAILED.	C-32. WATER MAIN TRENCHES SHALL BE EXCAVATED SO THE INSTALLED DEPTH OF THE WATER MAIN SHALL NOT BE LESS THAN 5.5 FEET FROM EXISTING /PROPOSED GROUND ELEVATION TO THE TOP OF THE PIPE, EXCEPT WHERE SHOWN DIFFERENTLY OR AS DIRECTED BY THE ENGINEER. IF THE EXCAVATION HAS BEEN MADE DEEPER	THE LANDSCAPE DRAWINGS. ALTERNATE SECDING MIXTURES AND APPLICATION METHODS MUST BE APPROVED BY THE ENGINEER.
C-12,	ALL STORM, SANITARY, AND WATERMAIN TRENCHES BENEATH PROPOSED OR EXISTING UTILITIES, PROPOSED OR EXISTING PAVEMENT, DRIVEWAYS, OR SIDEWALKS FOR A DISTANCE OF TWO FEET ON EITHER SIDE OF SAME, AND/OR WHEREVER ELSE SHOWN ON	THAN NECESSARY, OR IS REQUIRED DEEPER FOR ADJUSTMENTS FOR FIRE HYDRANTS, VALVE VAULTS, AND SERVICES OR FOR SEPARATION FROM SEWERS AND OTHER UTILITIES, THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE WATERMAIN AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. DEPRESSIONS	E-3. SOD SHALL BE USED AS DIRECTED ON THE LANDSCAPE DRAWINGS.
	THE CONSTRUCTION PLANT SHALL BE BACKFILLED WITH CA-6 CRUSHED STONE BACKFILL AND THOROUGHLY CONTACTED IN ACCORDANCE WITH THE SPECIFICATIONS. ALL WATER USED FOR JETTING SHALL BE METERED. THERE SHALL BE A 3 WEEK WAITING PERIOD BETWEEN THE TIME THAT THE JETTING OF THE TRENCHES IS COMPLETED AND THE	OF SUFFICIENT DEPTH SHALL BE PROVIDED IN THE STONE BEDDING TO ACCOMMODATE THE BELL OF THE PIPE AND TO ENSURE UNIFORM SUPPORT FOR THE PIPE. WHERE ADVERSE SOIL CONDITIONS ARE ENCOUNTERED, WATER MAIN	
	INSTALLATION OF THE PAVEMENT. STORM SEWER TRENCHES SHALL BE BACKFILLED WITH CA-11 CRUSHED STONE,	TRENCHES SHALL BE STABILIZED IN THE MANNER DIRECTED BY THE ENGINEER. C-33. TAPPING VALVES AND VALVES 10 INCHES AND LARGER SHALL BE IN A 80 INCH DIAMETER VALUE. 6 INCH AND B INCH VALVES SHALL BE IN 48 INCH DIAMETER VALUE.	
C-13.	ALL STRUCTURE SECTIONS AND ADJUSTING RINGS SHALL BE SECURELY SEALED TO EACH OTHER OR TO THE FRAME, CONE SECTION OF THE STRUCTURE USING RESILIENT, FLEXIBLE, NON-HARDENING, PREFORMED, BITUMINOUS MASTIC (RAM-NEK, OR APPROVED EQUAL.) THIS MASTIC SHALL BE	FRAMES AND COVERS SHALL BE NEENAH R-1712-B. VALVE VAULT COVERS MUST HAVE "WATER" CAST INTO THE TOP OF THE COVER. ALL VALVES SHALL BE RESILIENT WEDGE GATE VALVES CONFORMING TO AWWA C5D9, NONRISING STEM, MECHANICAL JOINT ENDS, 200 PSI WORKING PRESSURE INSTALLED WITH PROPER	
	APPLIED IN SUCH A MANNER THAT NO SURFACE WATER OR GROUND WATER INFLOW CAN ENTER THE STRUCTURE THROUGH GAPS BETWEEN BARREL SECTIONS OR CONE SECTIONS AND ADJUSTING RINGS.	BACKING, LEFT—HAND TURN OPENING, PRIOR TO ORDERING, VERIFICATION OF ACTUAL MODEL AND MANUFACTURER BY VILLAGE IS REQUIRED. SET CORPORATION STOPS AS REQUIRED BY VILLAGE.	·
C-14.	THE CONTRACTOR SHALL NOTIFY COMMONWEALTH EDISON CO., ILLINOIS BELL TELEPHONE CO., NORTHERN ILLINOIS GAS COMPANY, LOCAL CABLE COMPANIES, THE VILLAGE OF WILMETTE AND THE OWNER, THREE (3) WORKING DAYS PRIOR TO COMMENCEMENT OF	C-34. THRUST BLOCKING SHALL BE PROVIDED ON WATER MAIN AT ALL BENDS GREATER THAN 22 1/2 DEGREES, TEES, ELBOWS, HYDRANTS, ETC. INDIVIDUAL INSPECTION FOR ALL THRUST BLOCKING IS REQUIRED. THRUST BLOCKING SHALL BE	
C-15,	THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING JULIE AS WELL AS LOCAL CABLE TV COMPANIES AND THE VILLAGE OF WILMETTE. THE FACILITIES SHALL BE LOCATED	POURED IN PLACE CONCRETE. ALL BENDS GREATER THAN 10 DEGREES, HYDRANTS, TEES, AND FITTINGS SHALL BE M.J. WITH "MEGALUG" RETAINING GLANDS OR FIELD LOK GASKET IN CASINGS, BETWEEN FITTINGS AND AT GRADE CHANGE.	
C16.	PRIOR TO ANY WORK WITHIN ANY EASEMENT, R.O.W, OR SUSPECTED UTILITY LOCATION. MACHINE CORE ALL CONNECTIONS TO EXISTING STRUCTURES. PIPE PENETRATIONS	C-35. ALL WATERMAIN SHALL BE THOROUGHLY FLUSHED AND THEN SUBJECTED TO A 2 HOUR PRESSURE AND LEAKAGE TEST AT 150 PSI BY THE CONTRACTOR AND SHALL BE CHLORINATED IN ACCORDANCE WITH VILLAGE STANDARDS AND THE STANDARD SPECIES AT A TANK AND THE STANDARD STANDARD WATER STANDARD S	, ·
	INTO EXISTING SANITARY MANHOLES SHALL BE PROPERLY SIZED AND CORED AND SEALED WITH FLEXIBLE WATER TIGHT CONNECTIONS. ALL EXISTING STRUCTURES SHALL BE ADJUSTED AS NECESSARY TO MATCH	SPECIFICATIONS. MAKE-UP WATER SHALL BE SUPPLIED FROM AN OPEN DRUM, AND THE VOLUME OF WATER USED SHALL NOT EXCEED THAT ALLOWED BY THE STANDARD SPECIFICATIONS. THIS TEST SHALL BE WITNESSED BY A REPRESENTATIVE OF THE VILLAGE OF WILMETTE.	
	PROPOSED GRADES & LANDSCAPING. ALL SEWERS AND WATER MAINS SHALL BE INSTALLED ON CRUSHED STONE BEDDING	C-36. ALL WATERMAIN PLACED IN CASING PIPE SHALL UTILIZE "PSI CASING SPACERS AND END SEALS".	
d X	(CA-11) WITH A MINIMUM THICKNESS OF 8 INCHES. THE BEDDING MATERIAL SHALL BE PLACED AND COMPACTED TO THE SPRING LINE OF THE REINFORCED CONCRETE PIPE. BLOCKING OF ANY KIND FOR GRADE IS NOT PERMITTED. ALL PVC PIPE AND DUCTILE IRON PIPE SHALL BE INSTALLED ON CRUSHED STONE BEDDING (CA-11)	C-37. RECONNECT ALL EXISTING TILE LINES FOUND IN THE EXCAVATION TO THE NEW STORM LINES USING WYE OR TEE IN ACCORDANCE WITH UTILITY NOTES. NOTE THE LOCATION ON THE "AS—CONSTRUCTED" DRAWINGS. THIS IS CONSIDERED INCIDENTAL TO THE CONTRACT.	
C_10	MITH A MINIMUM THICKNESS OF 6 INCHES. PROPERLY COMPACT AND EXTEND THE BEDDING TO 12 INCHES OVER THE TOP OF THE PIPE. ALL SANITARY SEWER PIPE AND SERVICES SHALL BE CONSTRUCTED OF PVC	C-38. THE MAXIMUM ALLOWABLE RATE OF INFILTRATION OR EXFILTRATION SHALL NOT EXCEED 100 GALLONS PER TWENTY FOUR (24) HOURS PER MILE PER INCH -	
v-18.	SDR28 CONFORMING TO ASTM D-2241 WITH ASTM F-477-76 RUBBER GASKET JOINTS. WHERE SPECIFIED SANITARY SEWER AND SERVICES SHALL BE DIP CLASS 52 CONFORMING TO ANSI A21.51 OR AWWA C-151 WITH JOINTS CONFORMING TO	DIAMETER OF THE SANITARY SEWER PIPE. ALL SANITARY SEWER SHALL BE AIR TESTED. C-39. ALL PVC SANITARY SEWERS SHALL BE TESTED FOR DEFLECTION IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.	
c-20.	ANSI 21.11 OR AWWA C-110 OR C-111. ALL SANITARY SEWER AND SERVICES SHALL BE INSTALLED ON CRUSHED STONE BEDDING (CA-11) WITH A MINIMUM THICKNESS OF 6 INCHES. PROPERLY COMPACT	C-40. CEMENT BRICKS AND <u>NON-SHRINK</u> MORTAR SHALL BE USED IN ALL STORM STRUCTURES. C-41. METAL TRASH GRATES SHALL BE INSTALLED ON ALL FLARED END SECTIONS 15" AND LARGER.	
_. √C−21.	AND EXTEND THE BEDDING TO 12 INCHES OVER THE TOP OF THE PIPE. SANITARY SEWER MANHOLES ARE TO BE PRECAST REINFORCED CONCRETE ECCENTRIC TYPE WITH A MINIMUM 48 INCH INSIDE DIAMETER BARREL SECTION;	PAVING AND GRADING NOTES	
ch. /	PIPE PENETRATIONS A.C. TO BE SEALED VIA THE USE OF A CAST IN PLACE. FLEXBLE SYNTHETIC RUBBER PIPE SLEEVE WHICH IS TO BE FASTENED TO THE PIPE WITH STAINLESS STEEL BANDS. BARREL SECTIONS SHALL BE SEALED USING	D-1. ALL PAVEMENT DIMENSIONS ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE INDICATED.	
	A BUTYL RUBBER MATERIAL STRIP AND/OR RUBBER GASKET. FRAMES ARE TO BE SEALED TO THE BARREL SECTIONS OF THE MANHOLE MECHANICALLY USING SYNTHETIC RUBBER SEALS WITH STAINLESS STEEL BANDS AND "COR—TEN" BOLTS. CHIMNEY SEALS ARE TO BE EXTERNAL, MANUFACTURED BY "CRETEX" OR APPROVED	D-2. PAVING WORK SHALL INCLUDE FINAL SUB-GRADE SHAPING AND PREPARATION, FORMING, PLACEMENT OF BASE COURSE MATERIALS, PATCHING, PETROMAT, AND SUBSEQUENT BINDER AND /OR SURFACE COURSES, FINISHING AND CURING OF CONCRETE, FINAL CLEAN-UP AND ALL RELATED WORK.	
	EQUAL STEPS SHALL BE MADE OF STEEL REINFORCED PLASTIC, USING AN APPROVED PLASTIC MEETING ASTM D4101, TYPE II, GRADE 49108, OVER A \$3 GRADE 60, ASTM A615 REINFORCING BAR. A MAXIMUM OF 8 INCHES OF ADJUSTING RINGS SHALL BE USED.	D-3. THE PROPOSED PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION', LATEST EDITION.	
C-22.	SANITARY MANHOLE FRAMES AND COVERS ARE TO BE NEENAH FOUNDRY R-1712-B, OR APPROVED EQUAL, WITH CONCEALED PICK HOLES AND SEALED COVER. MANHOLE COVERS MUST HAVE "SANITARY" CAST INTO THE TOP OF THE COVER.	D-4. PAVEMENT DESIGN SHALL BE AS DETAILED. PRIOR TO THE PLACEMENT OF ANY STONE BASE ALL SUBBASE SHALL BE COMPACTED WITH A SELF-PROPELLED	
C-23.	BUILDING STORM SEWER SERVICE PIPE SHALL NOT BE LESS THAN THE DIAMETER OF THE PLUMBING PIPE FROM THE BUILDING, BUT NOT LESS THAN 6	SHEEPSFOOT COMPACTOR (CAT 815 OR LARGER) TO A MINIMUM DENSITY OF 95% STANDARD PROCTOR FOR ALL PAVEMENT. TESTING SHALL BE BY NUCLEAR DENSITY TEST AND PROOF ROLLING. THE CONTRACTOR SHALL PROOF ROLL THE SUBGRADE BEFORE PAVEMENT CONSTRUCTION PROCEEDS. THE PROOF ROLL MUST BE WITNESSED	
	INCHES. THE PIPE SHALL HAVE A MINIMUM SLOPE OF 1/8-INCH PER FOOT, BUT NOT MORE THAN 1/2-INCH PER FOOT. CHANGES OF DIRECTION OF SERVICE PIPE SHALL BE MADE WITH COMBINATIONS OF 22-1/2 DEGREE BENDS WHEREVER PRACTICABLE, WITH NOT LESS THAN 2 FEET OF STRAIGHT PIPE BETWEEN SUCH	BY THE ENGINEER AND A REPRESENTATIVE OF THE VILLAGE. THE SUBGRADE WILL NOT BE APPROVED AND ACCEPTED WITHOUT PROOF ROLLING. THE PROOF ROLLING SHALL BE DONE BY A FULLY LOADED THREE-AXLE DUMP TRUCK TOGETHER WITH LOAD	
	BENDS, RIGHT ANGLE (90 DEGREE) BENDS WILL NOT BE ALLOWED. WHEN A SERVICE LINE EXCEEDS 100 FEET IN LENGTH, A CLEANOUT SHALL BE PROVIDED AT A LOCATION DESIGNATED BY THE ENGINEER. THE CLEANOUT SHALL BE PROPERLY SEALED, WITH THE TUP OF THE PLUGGED RISER ENDING 6 INCHES BELOW FINISHED	WEIGHING AT LEAST TWENTY-FIVE (25) TONS. IF THE SUBGRADE OR BASE HAS FAILURE OR PUMPING AS INDICATED BY PROOF ROLLING, THE AREA OF FAILURE OR PUMPING SHALL BE SCARIFIED AND RECOMPACTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, SUBSEQUENT PROOF ROLL WILL BE CONDUCTED UNTILL THE SUBGRADE	
	GRADE.	IS FOUND TO BE ACCEPTABLE TO THE ENGINEER.	



DETAIL PONDING HT. RUNOFF AN STANDARD DETAIL
TRENCH WITH NATIME BACKFILL ALTERNATE DETAIL
TRENCH WITH GRAVEL 0 SILT FENCE INSTALLATION DETAIL Ž 2 ENE 0 -STORM STRUCTURE GRATE $\overline{\mathbf{Q}}$ 0 TYPICAL STRAW BALE ORIENTATION DETAIL NOTE: TYPAR 3201 FABRIC SHALL BE USED. **INLET BASKET FILTER DETAIL** 1. EXISTING VEGETATION WHICH IS TO REMAIN IN PLACE SHALL BE PROTECTED AGAINST UNNECESSARY CUTTING, BREAKING OR SKINNING OF ROOTS, SKINNING AND BRUISING OF BARK, SMOTHERING BY STOCKPILING OF CONSTRUCTION MATERIALS OR EXCAVATED MATERIALS WITHIN THE DRIP LINE, EXCESS FOOT OR VEHICULAR TRAFFIC OR PARKING OF VEHICLES WITHIN THE DRIP LINE. ALL TREES TO REMAIN SHALL BE PROTECTED WITH A SNOW FENCE INSTALLED AROUND THE PERIMETER OF THE TREES DRIP LINE. ANY CONSTRUCTION INSIDE THE DRIP LINE OF THE TREE REQUIRES ROOT PRUNING PRIOR TO THE EXCAVATION. SHALL BE WATERED AS REQUIRED TO MAINTAIN ITS HEALTH DURING THE COURSE OF CONSTRUCTION OPERATIONS. PROTECTION SHALL BE PROVIDED FOR ROOTS OVER 1 1/2" IN DIAMETER WHICH ARE CUT DURING CONSTRUCTION OPERATIONS. WHENEVER SUCH A ROOT IS CUT, THE CUT FACES SHALL BE COATED WITH AN EMULSIFIED ASPHALT OR OTHER ACCEPTABLE COATING SPECIALLY FORMULATED FOR HORTICULTURAL USE ON DAMAGED OR CUT PLANT TISSUES. ALL EXPOSED ROOTS SHALL BE TEMPORARILY COVERED WITH WET BURLAP TO PREVENT THE ROOTS FROM DRYING CUT. EXPOSED ROOTS SHALL BE PROVIDED WITH EARTH COVER AS SOON AS POSSIBLE. Approved VEGETATION THAT BECOMES DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED OR REPLACED IN A MANNER ACCEPTABLE TO THE VILLAGE. SNOW FENCE — ALONG PERIMETER OF DRIP LINE DAMAGED TREES SHALL BE REPAIRED BY A QUALIFIED TREE SURGEON. DAMAGED TREES WHICH CANNOT BE REPAIRED AND RESTORED TO FULL GROWITH STATUS, AS DETERMINED BY THE TREE SURGEON, SHALL BE

3 TRICT CHOOL NO S °□□ ŏ₹ ひト SS \vdash 0 LME ≶ CONSULTANTS CIVIL ENGINEER 850 Forest Edge Drive Vernon Hills, II. 80061 TEL. 847.478.9700 FAX. 847.478.9701 STRUCT. ENGINEER OWP&P Architects Inc. 111 W. Washington Street Chicago, III 60602 TEL. 312.332.9600 FAX. 312.332.9601 MEP ENGINEER
OWP&P Engineers Inc.
111 W. Washington Street
Chicago, III 60602
TEL. 312.332.9600
FAX. 312.332.9602 Peterson orporat

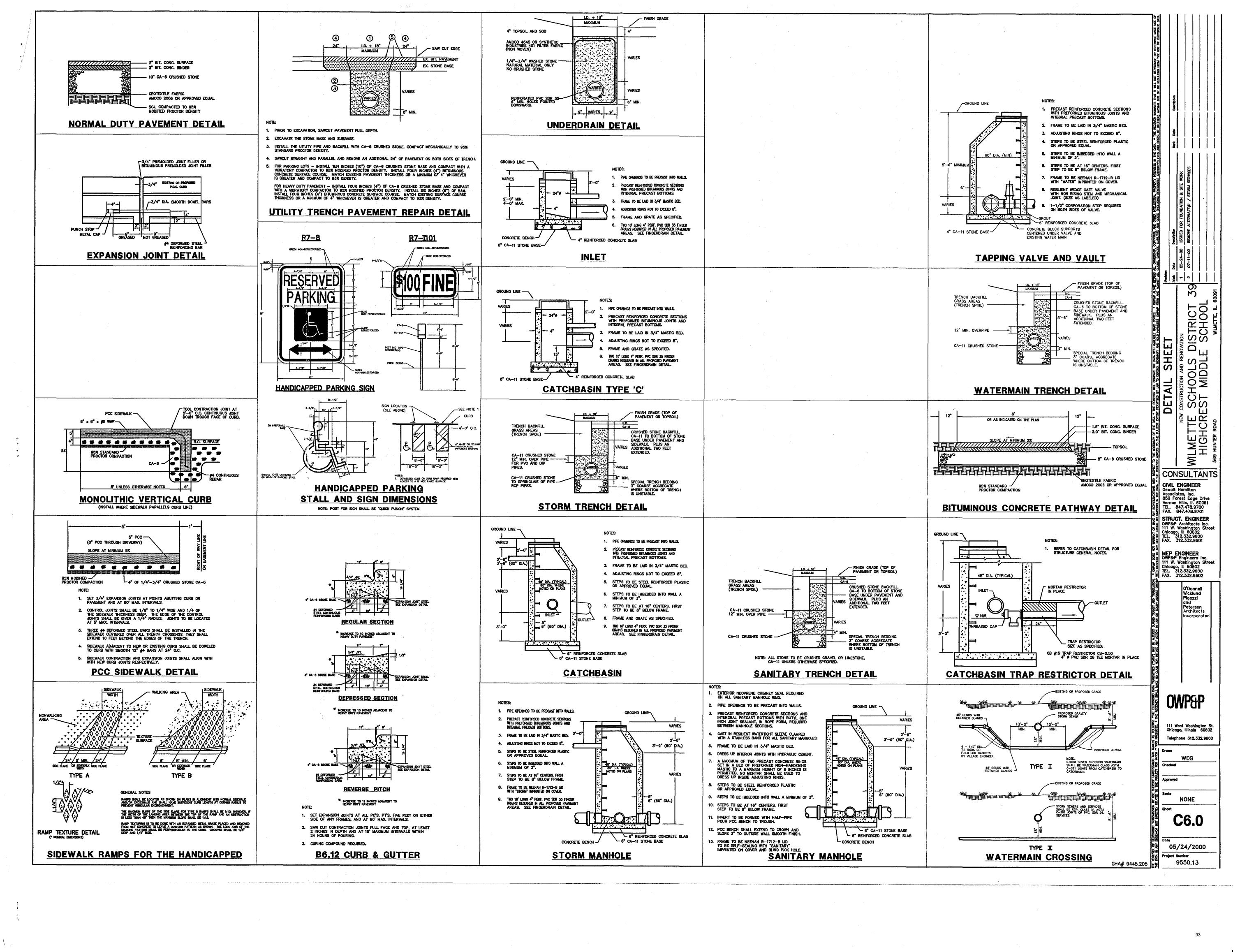
111 West Washington St. Chicago, Illinois 60602 Telephone 312.332.9600

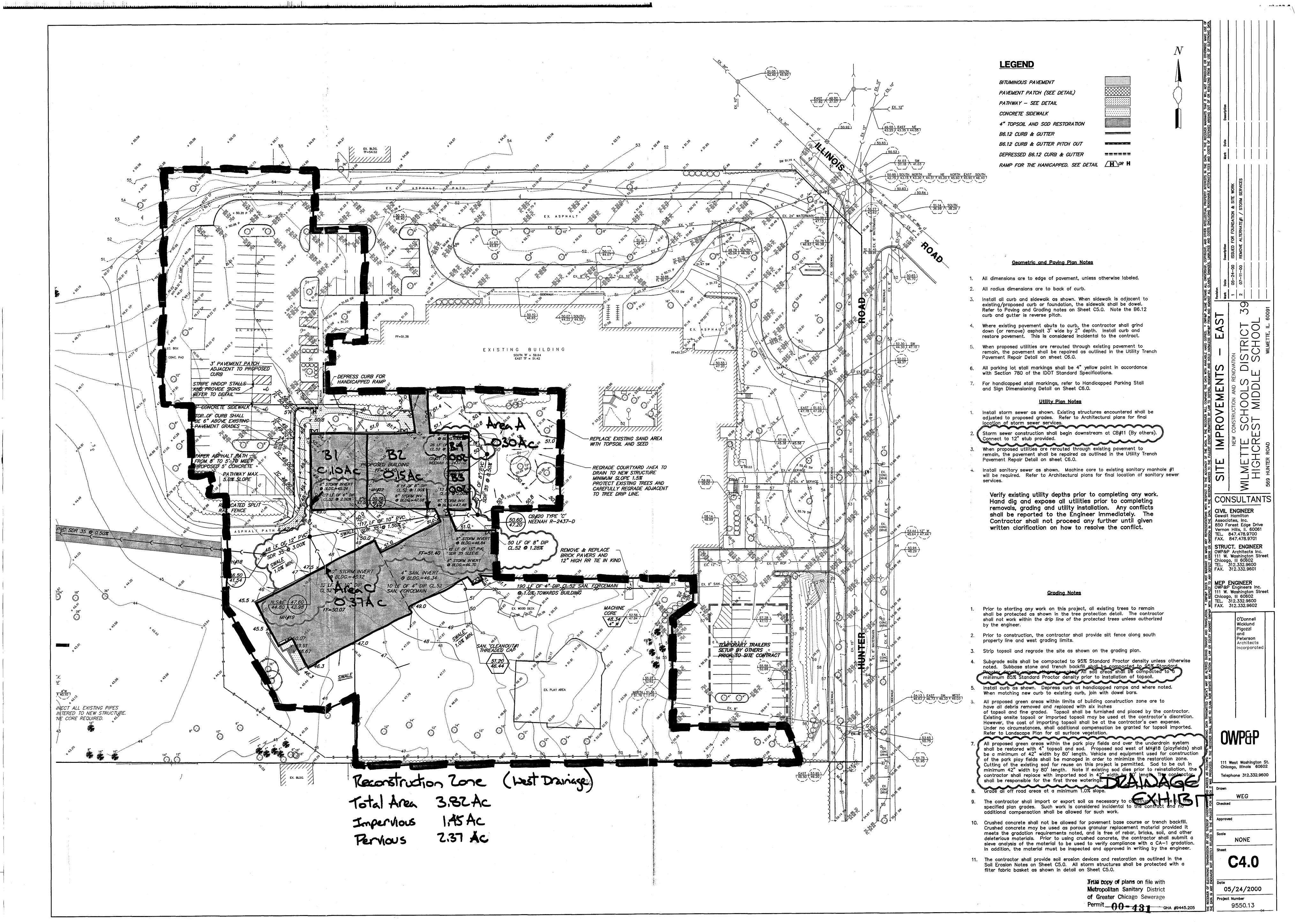
WEG

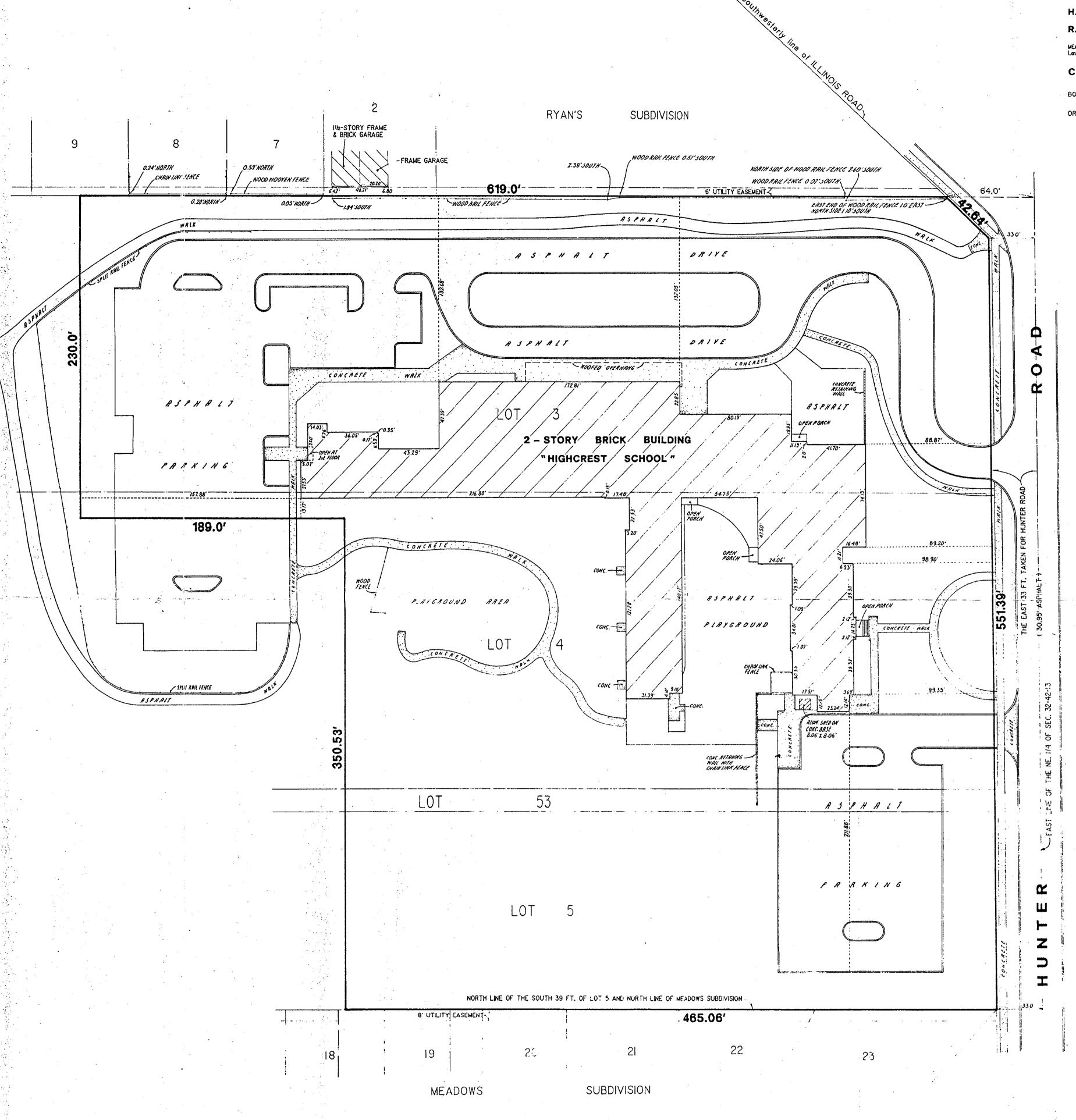
NONE

05/24/2000 9550.13

GHA# 9445.205







The description on this plat was provided to us by the client, and does not guarantee ownership, and should be compared to your Deed, Abstract or Certificate of Title.

All building restrictions, building lines and easements may or may not be shown, check your Deed, Abstract, Title Report, and local ordinances, no responsibility is assumed by Surveyor.

This survey has been made for the use in connection with a mortgage loan transaction or real estate transfer and is not to be used for any improvements unless corners are monumented and shown on plat, also compare all points before building by same and report any discrepancy at once.

Dimensions are shown in feet and decimal parts thereof, no dimension is to be assumed by scaling.

PLAT OF SURVEY

R. R. HANSEN

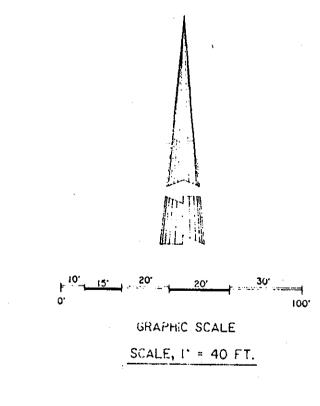
B. H. SUHR & COMPANY, INC.

1415 SHERMAN AVE., EVANSTON, ILLINOIS 60201

CHICAGO TEL. (312) 273-5315 EVANSTON TEL. (708) 864-6315 BOOK 94 PAGE 701 ORDER No. 94 - 701 ORDERED BY. THE WILMETTE PUBLIC SCHOOLS

That part of Lots 53, 3, 4 & Lot 5 (except the South 39 ft. threof) of the County Clerk's Division of the South 100 acres of the Northeast quarter of Section 32, Township 42 North, Range 13, East of the Third Principal Meridian, in Cook County, Illinois, described as follows: Commencing at a point on the North line of said Lot 3, 683 ft. West of the East line of the Northeast quarter of Section 32, thence South perpendicular to said North line of Lot 3 a distance of 230 ft., thence East parallel with said North line of Lot 3 a distance of 189 ft., thence South perpendicular to said North line of Lot 3 a distance of 350.53 ft. to a point 39 ft. North of the South line of Lot 5, thence East parallel to the South line of Lot 5, 498.06 ft. to the East line of the Northeast quarter of said Section 32, thence North on the East line of said Northeast quarter 580.12 ft. to the North line of said Lot 3, thence West on the North line of said Lot 3 to the place of beginning, excepting therefrom that part talling in Hunter Road and Illinois Road.

HIGHCREST SCHOOL, WILMETTE, ILLINOIS.



STATE OF ILLINOIS } ss

This is to certify that we have surveyed the above described property and the above plat correctly represents said survey. B. H. SUHR & COMPANY, INC. SURVEYORS



Wilmette Fire Department (IL)

INCIDENT REPORT

Official Law Enforcement Report - Unauthorized Dissemination is Prohibited

Incident Type: Fire / Accidental

Agency Incident ID: 18-0024056 BATS ID: 835155



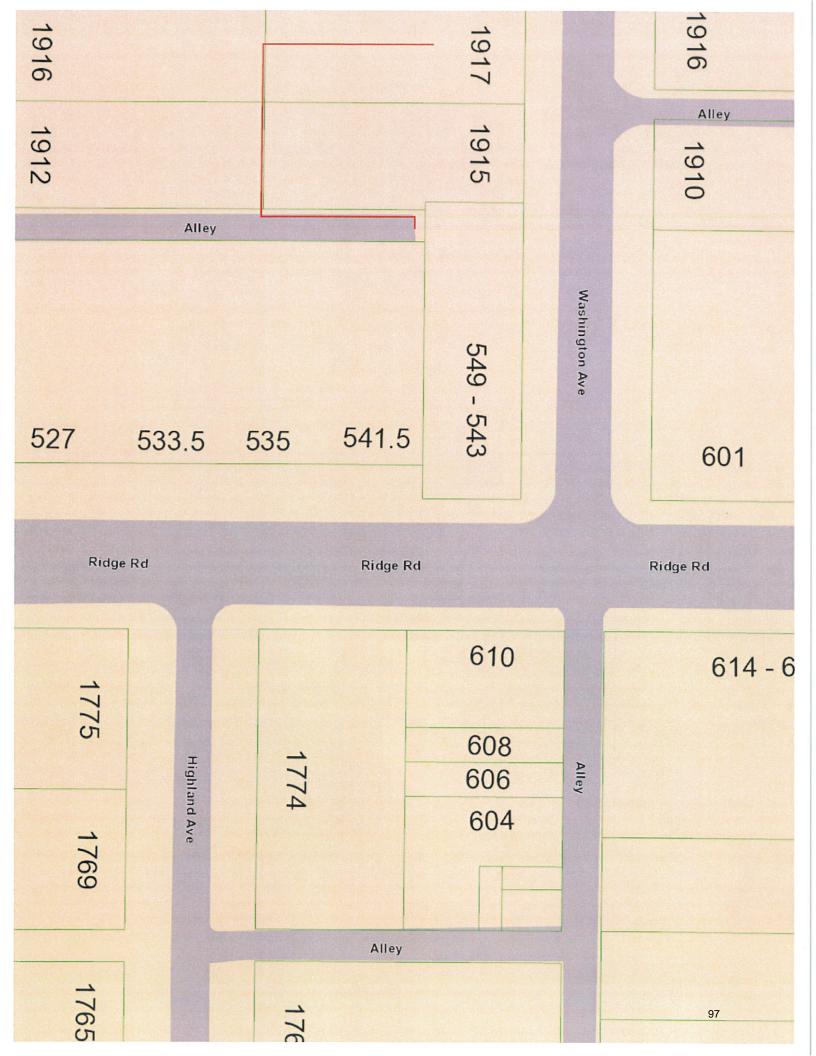
Units were called for a fence on fire that had communicated to an attached garage. First arriving units encountered heavy fire showing from the south side of the structure. First arriving units noted the fence to the south of the garage was burned completely through with fire mainly on the outside of the south side of the garage, and fire just starting to enter the structure.

While units were extinguishing the fire, a neighbor two doors to the west came down to talk with police about what they believed may have started the fire. They stated when they went to start their charcoal grill, a spark from the grill landed on the ground igniting the cottonwood seed that had settled on their property. They stated they used a garden hose to extinguish the fire around their detached garage, but believed the fire might have spread to the current fire building.

A witness, who stated she witnessed the fire start, said she walked into the alley to see a line of cottonwood that was burning in the direction of the garage fire. She stated once the line of fire reached the fence it started the fence on fire and that is when she called 911. She then said after the fire spread to the north side of the fence, it reached something that caused it to grow and spread to the garage quickly.

Upon investigation, investigators met with the homeowners to the west who thought their grill may have started the initial fire. Investigators noted burned cottonwood seeds on the ground surrounding the homeowner's grill as well as two lines of burnt cottonwood seeds traveling around both sides of the garage. The homeowner stated he used a garden hose to extinguish the cottonwood seed fire on his property but was not sure if it had traveled through the neighbor's fence. Investigators followed the line of burnt cottonwood through the neighbor's property to the east. The burn line then proceeded to the alley to the east and started down the alley both to the south and to the north towards the garage that caught fire. The fire line of cottonwood to the south had burnt itself out approximately 30 feet from where it entered the alley. The fire line of cottonwood that went to the north proceeded all the way to the fence that had caught fire and ended there. Total fire spread of the cottonwood is estimated at 257 feet, using the department's GIS program (see attached map). The heaviest damage noted was to the fence adjacent to the garage with several 4-foot panels having completely burned through. On the north side of the fence, in between the fence and the garage, investigators noted several open cans of stains and other chemicals that were believed to have fed the fire. Investigators noted a V burn pattern that pointed to the ground near the chemicals. The V pattern then expands with charring spreading outwards at the eaves where parts of the wood siding and the wood eaves had burned through. This allowed the fire to gain access to the inside of the structure causing further damage. Inside the structure, there was evidence of heavy heat damage throughout the southern garage with charring noted on the inside of the south wall and the rafters on the south side. Investigators only noted smoke damage in the center and most northern areas of the garage. Investigation was concluded.

Page:





Date: June 26, 2019

To: Steve Wilson, Executive Director, Wilmette Park District

From: Brigitte Ann Berger-Raish, P.E., Director of Engineering and Public Works

Subject: Neighborhood Storage Project—Responses to Questions

The purpose of this memorandum is to provide responses to the Park Board and resident questions that arose at and following the June 10 meeting. Village staff and the consulting team will be available on July 8 for the next Park Board meeting to answer any additional questions.

1. Is a backup generator required or can an offsite mobile generator solution be employed?

The Village believes a permanent generator is the best solution because of the immediate ability to run the pumps in the event of a power outage. There are various installation options that could reduce the size of a structure, or eliminate it altogether, with the permanent generator screened by landscaping. The Village of Kenilworth water pumping station located at the corner of Ashland Lane and Kenilworth Avenue is an example of a well-screened generator. A mobile generator can also provide the power needed to run the pump station in the event of a power outage. A conservative estimate would require a generator capable of producing 100 Kilowatts of power to operate each pump station. The same generator could be used at all three sites if pump stations are required. These are commonly found as self-contained trailer units (see attachment 1).

2. Please provide further detail on weekly, monthly, periodic and annual maintenance requirements for both a gravity fed vault and a vault with a pump and generator.

Vault: Annual inspection and cleaning

Pump stations:

- Weekly Visually inspect pump station and buildings
- Monthly/Post-Storm Check wet well, discharge chamber, and backflow preventers for debris; Open pump hatches to visually

inspect pumps, casing, cable connections, and impellers; verify pump operation

- Annually Clean wet well, discharge chamber, and backflow preventers; full pump maintenance including calibration of sensors/floats and oil change
- Approximately every 20 years pump replacement

Generator:

- Weekly Exercise for 30-60 minutes
- Monthly/Post-Storm Check engine oil and coolant levels; check air filters
- Annually Check belts and hoses; clean cooling system; Inspect/replace spark plugs, oxygen sensor, and AC generator system
- Approximately every 25 years generator replacement
- 3. What are the anticipated costs for the ongoing maintenance for both vault concepts?

A planning level cost for pump system operation and maintenance is \$20,000 per year for each pump station. This cost includes annual operation and maintenance, pump replacement every 20 years, and generator replacement every 25 years.

4. Please explain why there are varied cost estimates for pumps across different designs.

The varied cost estimate was an error in the spreadsheet. All pumps are conservatively estimated at \$750,000, which includes the pump station, electrical controls, an emergency backup generator, and a structure enclosing the pump station. An updated Appendix 2 with the cost estimates is attached. (Attachment 2).

5. Is there an anticipated negative impact to the trees and grasses in the parks due to the tanks taking water too efficiently?

The trees in the park thrive in both dry and wet conditions and should not be impacted by the vault – according to the Village's Foresters. Depending on the final design and the thickness of cover over the vault, it is possible that the areas above the tanks may not hold moisture sufficient for healthy grass. In this case more frequent watering, generally via an irrigation system, may be required. Maintaining healthy grass cover is possible and has been done successfully at other locations. Final engineering efforts will include assessment of the site drainage and ensuring the ability for the proposed vegetation to thrive.

6. Can the Village forester provide an estimate of the age of the cottonwood trees at Community Playfields as well as an average life for the particular species of tree?

The foresters reviewed the 33 cottonwood trees and determined their ages range from as young as 35 years old to upwards of 120 years old. With a basic level inspection, most trees are at least in fair to good condition, although there are 1 to 2 trees within the grove that could be considered for removal or at minimum extensive pruning. The species is native to the area and are some of the fastest growing, larger diameter trees to be found in Wilmette. They can withstand and thrive in dry to wet soils. The Forestry Division does not plant eastern cottonwoods on its parkways as they are more susceptible to branch failure in storms as cottonwood wood is brittle and weak.

In addition to the cottonwood grove, there are two large diameter trees that would be impacted with the "Z" gravity configuration. The foresters reviewed the conditions of these trees and determined they are in good health and structure. One of the trees is 57" in diameter breast height (DBH) and the other is 44" DBH.

The foresters indicate that cottonwoods are a relatively short-lived species that on average can live up to 60 years of age, and in rare cases 100 years in a parkway setting.

7. If the new vault configurations at Thornwood Park is moved further west, would that add more money to the project or make the tank operate less efficiently?

The vault could be moved further west with nominal change to the project cost. The current westerly limits are set to both avoid having to completely replace the backstops (as able) and also to avoid removing the trees between the two baseball fields (near the eastern limits of the northern baseball field backstop). Therefore, moving the vault limits further west would likely result in the removal of additional trees.

8. Can the inlet for the alternative designs at Thornwood be moved north towards the existing playground?

The inlet is recommended to remain in the southeast corner of the park. Moving the inlet to the north would greatly increase the cost by increasing the length of large diameter storm sewer.

9. Is there a solution that has a pumped tank under the southern baseball field at Hibbard Park and what the tree impact would be.

There are options to utilize more of the southern baseball field for underground stormwater storage. This area was not originally considered as it impedes into the area identified by the Park District's architect as potential area for future building expansion. The attached conceptual exhibit shows how a pumped (15' deep) detention vault could fit under the south baseball field. (Attachment 3)

10. The memo from Baxter & Woodman states that if the original proposed configuration is utilized (the rectangular vault under the cottonwood trees), the

would remove the existing detention basin. The removal of this basin would require an additional storage vault to be built adjacent to the proposed rectangular vault. Why is this additional vault necessary? Wouldn't the rectangular vault be sufficient to handle the water that settles in the detention basin?

The existing detention basin is designed specifically for the school district to mitigate the increase in runoff from past school construction projects in accordance with MWRD permitting requirements. The design of the existing detention basin includes a control structure to accommodate a specific release rate (the maximum flow rate allowed) defined in the MWRD permit. The existing MWRD permit will not allow the flow rate to be increased. The possibility of combining flood storage with the existing detention storage in a new facility was discussed during a team meeting with MWRD staff. MWRD staff indicated that to be compliant with the existing permit for the school, the detention facility would need to operate separately from the flood storage component of the system to maintain the allowable release rate from the school. In order to combine the existing detention facility with our proposed stormwater storage vault, we would have to maintain the required release rate for that portion of the detention storage volume in the overall basin. This release rate would not allow the much larger proposed stormwater storage volume to drain down within an acceptable duration; and is therefore not considered an option.

11. If the additional vault is needed to handle the amount of water generated during a storm, why wouldn't the rectangular vault be increased to include that additional storage space? Is this a separate vault or is it a build out of the rectangular vault? How will water be directed into this additional storage vault?

The rectangular vault configuration could be expanded to accommodate the runoff from the school property separately. However, as stated above, a separate chamber within the overall vault would be required to meet the MWRD permit requirements. If the two storage areas were combined into one and separated by chambers, runoff from the school property would be directed to the associated chamber separately from the flood storage component of the vault.

12. According to the Baxter & Woodman memo, Alternative Configuration 1, the "Z" shaped vault will not require the construction of an additional vault and will leave the existing detention basin in place. Does that mean that the area around the cottonwoods will continue to pond water as it currently does? If it will continue to pond water will that affect the field conditions in the rest of the park? (I assume that ponding in the existing detention basin will not affect the rest of the park and that the standing water in the southerly portions of the park will drain into the Z shaped vault -- but I would like to confirm that).

The existing detention basin within the cottonwood grove will remain intact and continue to function as it currently does. The proposed vault will be hydraulically separate from the existing detention basin. It is expected that drainage

improvements in the park will be included, to some extent, with the construction of the vault.

13. What is the expected life-span of the concrete vault?

The vendor states that the concrete vaults have a minimum design life of 100 years.

14. Efficacy of utilizing Avoca as a storage site for Kenilworth Gardens.

An additional 5,600 linear feet of large diameter storm sewer would be required to convey the excess stormwater that floods the low streets in Kenilworth Gardens into an underground stormwater storage vault at Avoca Park and then back into the existing trunk line storm sewer system. Given the unit prices in the current engineer's estimate of probable cost, this would add approximately \$9M-\$10M to the project cost.

15. Efficacy of utilizing Centennial Park as a storage site for Kenilworth Gardens.

Centennial Park drains to the Wilmette Avenue trunk line storm sewer system and Kenilworth Gardens drains to the Lake Avenue trunk line storm sewer system. The excess stormwater that floods the low streets in Kenilworth Gardens would have to be conveyed in a large diameter storm sewer to an underground storage vault in Centennial Park. This water would also have to be conveyed back to the Lake Avenue storm sewer system to avoid negative impacts to the Wilmette Avenue storm sewer system. This would require an additional 4,200 linear feet of large diameter storm sewer. Additionally. Centennial Park is much higher than Thornwood Park, resulting in excess overburden that would have to be managed as referenced in previous discussions with the Park District regarding the Centennial Park versus Community Playfields decision. Given the unit prices in the current engineer's estimate of probable cost, this would add approximately \$8M-\$9M to the project This configuration has not been analyzed hydraulically and additional infrastructure (pump station, etc.) may be required that would further increase the project costs.

16. How loud would the pump station and generator be?

The pumps in a pump station are located in a concrete structure underground. The noise level above ground near the pump station would be in the range of 20-30 dB, or just above a whisper. The generator, whether permanent or portable, is a large combustion engine which would produce 60-90 decibels, or similar to a diesel truck or lawn mower. The generator would only function when the lower half of the vault is full and the power is out. It would also need to be exercised per the maintenance schedule provided above.

17. Will the roads around Thornwood Park be rebuilt/repayed after the wear and tear of construction vehicles?

All roads with new storm sewer will be fully rehabilitated. The condition of the roads used for truck access will be evaluated and considered for improvements in conjunction with the annual road program.

Attachments

- 1. Portable generator specification sheet
- 2. Appendix 2: Planning Level Cost Estimate
- 3. Hibbard Park Concept with Reservoir Under South Field





Standby 110 kW Prime 100 kW 60 Hz 1800 rpm 480V 60 Hz 1800 rpm 600V

Image shown may not reflect actual configuration

Specifications

Frequency	Voltage	Standby kW (kVA)	Prime kW (kVA)	Speed rpm
		480V 60 Hz Rating		
60 Hz	480/277V	110 (137)	100 (125)	1800
60 Hz	208/120V	110 (137)	100 (125)	1800
60 Hz	240/120V	65 (65)	65 (65)	1800
	600	/ 60 Hz Rating (Option	onal)	
60 Hz	600V/347V	110 (137)	100 (125)	1800
60 Hz	480V/277V	110 (137)	100 (125)	1800
60 Hz	208/120V	110 (137)	100 (125)	1800
60 Hz	240/120V	64 (64)	64 (64)	1800

Cat [®] C4.4 ACERT [™] Diesel Engine	Metric	Imperial (English)	
Configuration	I-4, 4-Stroke - Water Cooled Diesel		
Bore	105 mm	4.13 in	
Stroke	127 mm	5 in	
Displacement	4.4 L	268.5 in ³	
Aspiration	Turbocharged-Aftercooled		
Compression Ratio	16.5:1		
Engine rpm	1800		
Governor Type	ADEM™ A4		



Features & Benefits

Fuel/Emissions Strategy

 Meets U.S. EPA Tier 4 Final emission standards and CARB certified for non-road mobile applications at all 60 Hz ratings

Design Criteria

- Meets ISO 8528 transient response and linear vibration
- Canadian Standards Association (CSA) Certified

Single-source Supplier

- Package is factory designed and production tested
- Manufactured in ISO 9001:2000 certified Caterpillar facility

Cat C4.4 ACERT Diesel Engine

- Four-stroke diesel engine with ACERT technology combined with electronic engine controller offers consistent performance and excellent fuel economy
- · Series turbocharged with smart wastegate
- Low ownership costs enabled by a 3,000 hrs service interval for multi-vee belts and service free tappets
- · Oil and fuel filter change intervals: 500 hrs

Cat Clean Emissions Module (CEM)

- Engine mounted Aftertreatment module contains of Diesel Oxidation Catalyst (DOC) and Selective Catalytic Reduction (SCR)
- Aftertreatment remains invisible to the equipment operator when in use
- · No requirement for ash servicing
- · Service free for life of the engine

Diesel Exhaust Fluid (DEF) System

- DEF tank provides more than 24 hrs run time@ 75% load.
- Electrically heated DEF lines

Cat Generator

- Matched to the performance and output characteristics of Cat engines
- Integrated voltage selector switch
- UL 1446 Recognized Class H insulation

Cat Integrated Voltage Regulator (Cat IVR)

- Three-phase sensing
- · Adjustable volts-per-hertz regulation
- Provides precise control, excellent block loading, and constant voltage in the normal operating range

Cat EMCP 4.2B Control Panel

- Electronic control panel provides power metering, protective relaying, engine and generator parameter viewing, and expanded AC metering
- Graphical display (3.8 in.) denotes text alarm/ event descriptions, set points, engine and generator monitoring, and is visible in all lighting conditions
- Simple, user-friendly interface and navigation
- Automatic set-point adjustment integrated with voltage selection

Sound-attenuated Enclosure

- Provides excellent weather protection and allows for a quiet package operation with less than 66 dBA sound levels at full load, while offering excellent service access with multiple doors and access panels
- Galvanealed sheet steel body panels for improved corrosion resistance.
- Coolant and oil drains along with auxiliary fuel connections are all conveniently located at one location on the exterior of the enclosure for easy access.

Fuel System

- Provides 24-hour runtime @ 75% prime
- Meets UL 142, ULC 601
- OPTIONAL: Meets Transport Canada (UN31A) requirements with factory-installed, optional vent kit

Reduced Environmental Impact

110% spill containment of onboard engine fluids

Cooling System

- · Provides 50°C ambient capability @ full rating
- · Coolant low-level shutdown switch
- Coolant recovery system for easy top off

Charging System

- Charging alternator; 12V-100A, heavy duty with integral regulator and belt guards
- 10-Watt Solar maintainer for batteries

Asset Monitoring and Management

- Product Link[™] Generation (PLG) hardware provides two-way communication for remote control and equipment monitoring via cellular network
- Customer-defined, equipment-based, real-time status updates and alerts
- Flexible and customer-configurable user interface
- · GPS provides asset location and geo-fencing



Factory-installed Standard Equipment

Engine

 Cat C4.4 ACERT heavy-duty diesel engine meets Tier 4 Final emission standards

Engine Air Inlet

- Heavy-duty air cleaner with dust cup and service indicator
- Turbocharger and air-to-air after cooler

Cat CEM

- Engine mounted CEM
- Robust operation in cold weather and low loads
- · Includes DOC and SCR

DEF System

- 8 gal (30 L) plastic DEF tank provides capacity to meet or exceed fuel tank runtime at any given load.
- DEF tank is equipped with integrated level sensor and heating element to aid in cold weather operation.
- Electrically heated DEF lines
- DEF level gauge located on the control panel
- Equipped with low and critically-low level alarms and a critically-low shutdown

Fuel System

- 150 gal (568 L) double-wall fuel tank
- Fuel fill located in an isolated enclosed space away from the engine compartment with a lockable door
- Designed to meet UL 142, ULC 601
- Provides 24-hour runtime @ 75% prime
- Engine mounted electric priming pump
- Auxiliary connections for customer-supplied fuel transfer system with 3-way fuel transfer valve
- Engine mounted primary fuel filter with integral water separator
- · Engine-mounted secondary fuel filter

Cooling System

- Provides 50°C ambient capability @ full rating
- Vertically mounted radiator with engine mounted cooling fan
- 50/50 Extended Life Coolant
- · Coolant low-level shutdown switch
- Coolant recovery system
- · Coolant drain line with valve

Mounting System

 Engine, generator and radiator soft mounted to the heavy duty, fabricated steel base frame

Sound-attenuated Enclosure

- · Provides excellent weather protection
- · Offers a quiet package with 66 dBA sound levels
- · Rugged, corrosion-resistant construction:
 - Galvanealed, sheet steel body panels with zinc phosphate pre-treatment prior to polyester powder coating
- Excellent access for service and maintenance:
 - Two doors on each side of the enclosure provides clear access to routine service and maintenance needs.
 - Two rear doors provide access to power distribution and control panel access
 - Separate door for DEF and Diesel fill access
 - Access panel on the front provides access to clean radiator cores and to service DEF tank.
 - Lube oil drain, coolant drain, external fuel supply and return lines are all piped to exterior of the enclosure and located on one panel for easy access.
- Security and safety features:
 - · Pad lockable latches on all access doors
 - Exterior emergency stop (E-stop) button

Lube System

- Open crankcase breather with filter
- Oil drain line with internal valve routed to connection point accessible from exterior
- 500-hour engine oil change interval

Starting System

- Single electric starting motor, 12VDC
- Single 12V (850 CCA) maintenance-free battery with disconnect switch, battery rack, and cables
- 120V single-phase block heater

Quality

- Factory testing of standard generator set and complete power module
- UL, NEMA, ISO, and IEEE standards
- O&M manuals
- CSA Certified
- · Full manufacturer's warranty

Shore Power

- One 110V shore power connection for powering engine block heater and generator space heater (optional), battery charger (optional), and single duplex service receptacle
- Includes controls to de-energize block and generator space heaters when the engine is running

Factory-installed Optional Equipment

Vent Kit

 Provides necessary vents and films to upgrade the standard UL142 certified tank to meet Transport Canada (UN31A) certification

Trailer Electric

• Two-axle trailer with Electric brakes

Trailer Hydraulic

• Two-axle trailer with Hydraulic brakes

Battery Charger

- 10A, 12 VDC output
- UL & CSA listed

Hitches

• 3" Pintle OR 2-5/16" Ball

Generator Space Heater

• 110 VAC Anti-condensation heater

Permanent Magnet Generator (PMG)

Adds independent source of excitation to generator

NEMA Receptacles

208 Volt locking NEMA receptacles, quantity 2

600V Generator

- Includes 600V generator and 4-position rotary switch for easy selection of desired output
- Available voltages include:
 - 3-phase (600/347 Volt, 480/277 Volt, 208/120 Volt)
 - 1-phase (240/120 Volt)



Technical Data

Cat Generator						
Frame size	LC3114F					
Pitch	2/3					
No. of poles	4					
No. of leads	12					
Excitation	Self Excited					
Number of bearings	Single bearing, close coupled					
Insulation	Class H					
Enclosure	Drip proof IP23					
Alignment	Pilot shaft					
Overspeed capability – % of rated	125% of rated					
Voltage regulator	3-phase sensing with volts-per-hertz					
Voltage regulation (adjustable to compensate for engine speed droop and line loss)	Less than ± 1/2% voltage gain					
Wave form deviation	3%					
Telephone Influence Factor (TIF)	Less than 50					
Harmonic Distortion (THD)	Less than 5%					

Cat Generator Set										
	Units	60 Hz — Standby	60 Hz — Prime							
Power Rating	kW (kVA)	110 (137)	100 (125)							
Performance Specification										
Lubricating System										
Oil pan capacity	L (gal)	9.4 (2.5)	9.4 (2.5)							
Fuel System										
Fuel consumption — 100% Load	L/hr (gal/hr)	31.3 (8.27)	28.4 (7.49)							
75% Load	L/hr (gal/hr)	-	20.9 (5.51)							
50% Load	L/hr (gal/hr)	-	14.4 (3.80)							
25% Load	L/hr (gal/hr)	-	7.5 (1.97)							
Fuel tank capacity	L (gal)	568 (150)	568 (150)							
Run time @ 75% rating	Hr		28							
DEF System										
DEF consumption — 100% Load	L/hr (gal/hr)	1.2 (0.31)	0.47 (0.12)							
75% Load	L/hr (gal/hr)	-	0.72 (0.19)							
50% Load	L/hr (gal/hr)	-	0.39 (0.10)							
25% Load	L/hr (gal/hr)	-	0.45 (0.12)							
DEF tank capacity	L (gal)	30 (7.92)	30 (7.92)							
Run time @ 75% rating	Hr		42							
Cooling System										
Ambient capability	°C (°F)	55 (131)	55 (131)							
Engine & radiator coolant capacity	L (gal)	18.3 (4.8)	18.3 (4.8)							
Noise Rating (with enclosure)										
@ 7 meters (23 feet) @ 75% rating	dB(A)	66	65							

LEHX0035-03 108

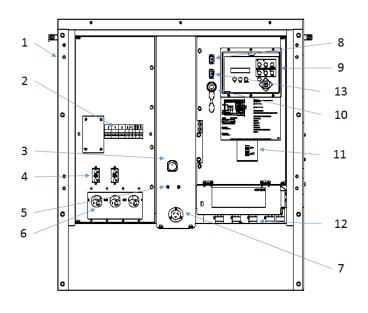
Technical Data (continued)

Dimensions and Weights										
Model	Length mm (in)	Width mm (in)	Height mm (in)	With Lube Oil & Coolant Kg (lb)	With all fluids Kg (lb)					
XQ125	3,222 (127)	1,244 (49)	1,858 (73)	2,372 (5,230)	2,876 (6,341)					
XQ125 with trailer (electric brakes)	4,475 (176)	1,981 (78)	2,179 (86)	2,812 (6,200)	3,316 (7,311)					
XQ125 with trailer (hydraulic brakes)	4,495 (177)	1,981 (78)	2,179 (86)	2,821 (6,220)	3,325 (7,331)					



Control Panel and Power Distribution Layout

Item	Description
1	Steel enclosure with hinged, lockable doors (not shown)
2	Circuit breakers for receptacles
3	Emergency stop
4	2X Single-phase GFCI duplex receptacles (20A @ 120V)
5	Two-wire remote start terminals
6	3X Single-phase, California-style, twist-lock receptacles, 50A @ 208V phase-to-phase, 120V phase to neutral, or 240/120 single-phase when in that voltage position
7	Single-phase, NEMA locking input receptacle, (30A @ 120V) to power block heater, battery charger and generator space heater
8	Glow plug lamp
9	EMCP 4.2B digital generator set controller
10	Cat ET service tool connector
11	Generator main circuit breaker
12	Main bus connection (bus bars with 13 mm holes) behind hinged cover with safety switch
13	HEST/DPF Regen Lamp



Ratings Definitions and Conditions

Meets or Exceeds International Specifications: AS1359, CSA, IEC60034-1, ISO3046, ISO8528, NEMA MG 1-33.

Prime — Output available with varying load for an unlimited time. Average power output is 70% of the prime power rating. Typical peak demand is 100% of prime rated ekW with 10% overload capability for emergency use for a maximum of 1 hour in 12. Overload operation cannot exceed 25 hours per year. Prime power in accordance with ISO3046. Prime ambients shown indicate ambient temperature at 100% load which results in a coolant top tank temperature below the alarm temperature.

Standby — Output available with varying load for the duration of the interruption of the normal source power. Average power output is 70% of the standby power rating. Typical operation is 200 hours per year, with maximum expected usage of 500 hours per year.

Ratings are based on SAE J1349 standard conditions. These ratings also apply at ISO3046 standard conditions.

Fuel rates are based on fuel oil of 35° API [16°C (60°F)] gravity having an LHV of 42 780 kJ/kg (18,390 Btu/lb) when used at 29°C (85°F) and weighing 838.9 g/liter (7.001 lbs/U.S. gal).

Additional ratings may be available for specific customer requirements, contact your Caterpillar representative for details. For information regarding low sulfur fuel and biodiesel capability, please consult your Cat dealer.

www.Cat.com/rentalpower ©2017 Caterpillar All rights reserved.

Materials and specifications are subject to change without notice. The International System of Units (SI) is used in this publication.

CAT, CATERPILLAR, BUILT FOR IT, their respective logos, ACERT, ADEM, Product Link "Caterpillar Yellow", the "Power Edge" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without 19 crmission.

Appendix 2

Planning-Level Cost Estimate (COMPARATIVE COSTS) West Side Neighborhood Storage - Underground Detention Configuration Alternatives Village of Wilmette



Community Park

				Proposed			Al	native 1	Alt	erna	ative 2	
Pay Item	Type	Unit	Cost	Quantity		Cost	Quantity		Cost	Quantity		Cost
VAULT	L SUM	V	ARIES	1	\$	4,747,800	1	\$	4,386,000	1	\$	3,316,300
PUMP	L SUM	\$ 7	750,000							1	\$	750,000
STORM SEWER, RCP, 48"	LF	\$	400				300	\$	120,000	300	\$	120,000
UNDERDRAIN, 6" PVC	FOOT	\$	15							2,120	\$	31,800
TOPSOIL EXCAVATION AND PLACEMENT	SQ YD	\$	10	22,300	\$	223,000	22,600	\$	226,000	14,600	\$	146,000
SEEDING	SQ YD	\$	3	22,300	\$	66,900	22,600	\$	67,800	14,600	\$	43,800
EROSION CONTROL BLANKET	SQ YD	\$	3	22,300	\$	66,900	22,600	\$	67,800	14,600	\$	43,800
EARTH EXCAVATION	CU YD	\$	50	54,800	\$	2,740,000	53,900	\$	2,695,000	53,200	\$	2,660,000
EXCAVATION RE-SPREAD (STAY ON-SITE)	CU YD	\$	25	29,100	\$	727,500	29,300	\$	732,500	18,800	\$	470,000
STRUCTURAL BACKFILL	CU YD	\$	50	5,000	\$	250,000	7,100	\$	355,000	12,400	\$	620,000
TREE REMOVAL (OVER 15 UNITS DIAMETER)	IN-DIA	\$	50	906	\$	45,300	96	\$	4,800			
STRUCTURE REMOVAL, STORM	EACH	\$	250	5	\$	1,250	3	\$	750	2	\$	500
STORM SEWER REMOVAL, 4"	FOOT	\$	11	189	\$	2,079	93	\$	1,023	215	\$	2,365
STORM SEWER REMOVAL, 12"	FOOT	\$	11	806	\$	8,866	559	\$	6,149	466	\$	5,126
STABILIZED CONSTRUCTION ENTRANCE	L SUM	\$	15,000	1	\$	15,000	1	\$	15,000	1	\$	15,000
AGGREGATE FOR TEMPORARY ACCESS	TON	\$	40	33	\$	1,320	33	\$	1,320	33	\$	1,320
SUBTOTAL					\$	8,900,000		\$	8,680,000		\$	8,230,000
CONTINGENCY (20%)					\$	1,780,000		\$	1,740,000		\$	1,650,000
TOTAL					\$	10,680,000		\$	10,420,000		\$	9,880,000
								\$	(260,000)		\$	(800,000)

Hibbard Park

					Prop	oosed	Alternative 1			Alt	ative 2	Alt	ative 3		
Pay Item	Type	Uni	t Cost	Quantity		Cost	Quantity		Cost	Quantity		Cost	Quantity		Cost
VAULT	L SUM	1	/ARIES	1	\$	2,680,900	1	\$	1,591,400	1	\$	1,558,300	1	\$	1,414,800
PUMP	L SUM	\$	750,000				1	\$	750,000	1	\$	750,000	1	\$	750,000
STORM SEWER, RCP, 48"	LF	\$	400				650	\$	260,000	650	\$	260,000	650	\$	260,000
SHEET PILING, 36'	SQ FT	\$	25	40,644	\$	1,016,100									
SHEET PILING, 54'	SQ FT	\$	30				21,276	\$	638,280	30,078	\$	902,340			
SHEET PILING, 66'	SQ FT	\$	35										47,058	\$	1,647,030
UNDERDRAIN, 6" PVC	FOOT	\$	15				1,350	\$	20,250	1,450	\$	21,750	1,305	\$	19,575
TOPSOIL EXCAVATION AND PLACEMENT	SQ YD	\$	10	13,600	\$	136,000	7,300	\$	73,000	6,700	\$	67,000	5,800	\$	58,000
SEEDING	SQ YD	\$	3	13,600	\$	40,800	7,300	\$	21,900	6,700	\$	20,100	5,800	\$	17,400
EROSION CONTROL BLANKET	SQ YD	\$	3	13,600	\$	40,800	7,300	\$	21,900	6,700	\$	20,100	5,800	\$	17,400
EARTH EXCAVATION	CU YD	\$	50	29,900	\$	1,495,000	26,300	\$	1,315,000	24,600	\$	1,230,000	26,000	\$	1,300,000
EXCAVATION RE-SPREAD (STAY ON-SITE)	CU YD	\$	25	17,300	\$	432,500	9,300	\$	232,500	8,600	\$	215,000	7,400	\$	185,000
STRUCTURAL BACKFILL	CU YD	\$	50	6,000	\$	300,000	5,700	\$	285,000	4,200	\$	210,000	5,700	\$	285,000
TREE REMOVAL (6 TO 15 UNITS DIAMETER)	IN-DIA	\$	35	495	\$	17,325	120	\$	4,200	120	\$	4,200	30	\$	1,050
TREE REMOVAL (OVER 15 UNITS DIAMETER)	IN-DIA	\$	50	90	\$	4,500									
STABILIZED CONSTRUCTION ENTRANCE	L SUM	\$	15,000	1	\$	15,000	1	\$	15,000	1	\$	15,000	1	\$	15,000
AGGREGATE FOR TEMPORARY ACCESS	TON	\$	40	33	\$	1,320	33	\$	1,320	33	\$	1,320	33	\$	1,320
SUBTOTAL					\$	6,190,000		\$	5,230,000		\$	5,280,000		\$	5,980,000
CONTINGENCY (20%)					\$	1,240,000		\$	1,050,000		\$	1,060,000		\$	1,200,000
TOTAL					\$	7,430,000		\$	6,280,000		\$	6,340,000		\$	7,180,000
								\$	(1,150,000)		\$	(1,090,000)		\$	(250,000)

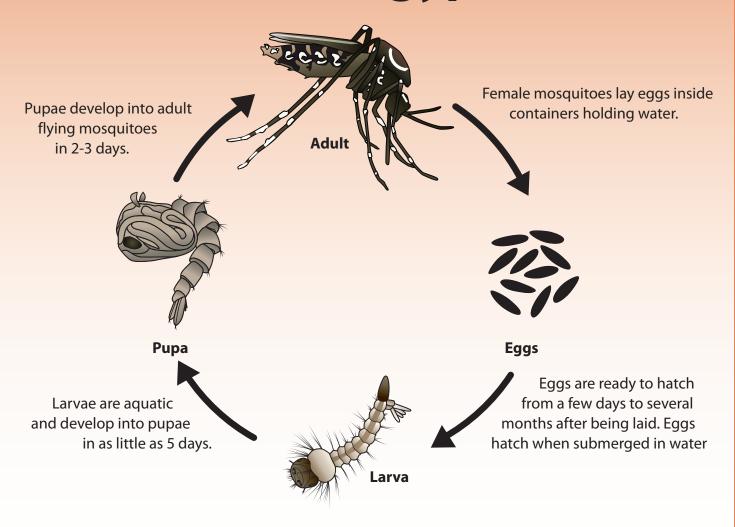
Thornwood Park

				Proposed			Al	tern	ative 1	Alt	ern	native 2	
Pay Item	Type	Uni	t Cost	Quantity		Cost	Quantity		Cost	Quantity		Cost	
VAULT	L SUM	V	ARIES	1	\$	3,460,900	1	\$	3,437,200	1	\$	2,154,800	
PUMP	L SUM	\$ '	750,000							1	\$	750,000	
SHEET PILING, 54'	SQ FT	\$	30							24,300	\$	729,000	
BASEBALL DIAMOND REMOVAL AND REPLACEMENT	EACH	\$ 4	400,000	2	\$	800,000	2	\$	800,000	1	\$	400,000	
UNDERDRAIN, 6" PVC	FOOT	\$	15							1,235	\$	18,525	
TOPSOIL EXCAVATION AND PLACEMENT	SQ YD	\$	10	16,800	\$	168,000	17,800		178,000	8,800		88,000	
SEEDING	SQ YD	\$	3	16,800	\$	50,400	17,800	\$	53,400	8,800	\$	26,400	
EROSION CONTROL BLANKET	SQ YD	\$	3	16,800	\$	50,400	17,800	\$	53,400	8,800		26,400	
EARTH EXCAVATION	CU YD	\$	50	36,800	\$	1,840,000	38,900		1,945,000	33,500		1,675,000	
EXCAVATION RE-SPREAD (STAY ON-SITE)	CU YD	\$	25	21,900	\$	547,500	23,300	\$	582,500	11,400	\$	285,000	
STRUCTURAL BACKFILL	CU YD	\$	50	3,500	\$	175,000	4,000	\$	200,000	5,000	\$	250,000	
TREE REMOVAL (6 TO 15 UNITS DIAMETER)	IN-DIA	\$	35	251	\$	8,785	331	\$	11,585	5	\$	175	
TREE REMOVAL (OVER 15 UNITS DIAMETER)	IN-DIA	\$	50	897	\$	44,850	1,068	\$	53,400	36	\$	1,800	
STRUCTURE REMOVAL, STORM	EACH	\$	250	2	\$	500	2	\$	500	1	\$	250	
STORM SEWER REMOVAL, 8"	FOOT	\$	11	242	\$	2,662	242	\$	2,662	197	\$	2,167	
STORM SEWER REMOVAL, 12"	FOOT	\$	11	125	\$	1,375	125	\$	1,375				
STABILIZED CONSTRUCTION ENTRANCE	L SUM	\$	15,000	1	\$	15,000	1	\$	15,000	1	\$	15,000	
AGGREGATE FOR TEMPORARY ACCESS	TON	\$	40	33	\$	1,320	33	\$	1,320	33	\$	1,320	
SUBTOTAL					\$	7,170,000		\$	7,340,000		\$	6,430,000	
CONTINGENCY (20%)					\$	1,440,000		\$	1,470,000		\$	1,290,000	
TOTAL					\$	8,610,000		\$	8,810,000		\$	7,720,000	
								\$	200,000		\$	(890,000)	

HIBBARD PARK — UNDERGROUND DETENTION CONFIGURATION ALTERNATIVES VILLAGE OF WILMETTE, ILLINOIS

Mosquito life cycle

Aedes aegypti



The Aedes mosquitoes have 4 life stages: egg, larva, pupa and adult. Mosquitoes can live and reproduce inside and outside the home. The entire life cycle, from an egg to an adult, takes approximately 8-10 days.



Life Stages of Aedes Mosquitoes

Eggs

- Adult, female mosquitoes lay their eggs on the inner, wet walls of containers with water, above the waterline.
- Mosquitoes generally lay 100 eggs at a time.
- Eggs are very hardy; they stick to the walls of a container like glue and can survive drying out for up to 8 months—even over the winter in the southern United States.
- It only takes a very small amount of water to attract a female mosquito. Bowls, cups, fountains, tires, barrels, vases and any other container storing water makes for a great "nursery."

Larva

- Larvae emerge from mosquito eggs, but only after the water level rises to cover the eggs. This means that rainwater or humans adding water to containers with eggs will trigger the larvae to emerge.
- Larvae feed on microorganisms in the water. After molting three times, the larva becomes a pupa.

Pupa

 Pupae will develop until the body of the newly formed adult flying mosquito emerges from the pupal skin and leaves the water.

Adult

- After adult mosquitoes emerge: male mosquitoes feed on nectar from flowers and female mosquitoes feed on humans and animals for blood to produce eggs.
- After feeding, female mosquitoes will look for water sources to lay more eggs.
- Aedes aegypti only flies a few blocks during its life.
- Unlike other mosquito species, *Aedes aegypti* mosquitoes prefer to bite people.
- Aedes aegypti mosquitoes prefer to live near people. They
 can be found inside homes, buildings, and businesses
 where window and door screens are not used or doors are
 left propped open.



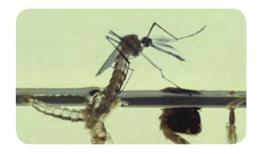
Eggs look like black dirt.



Larvae in the water.



Pupae in the water.



Emerging adult mosquito.

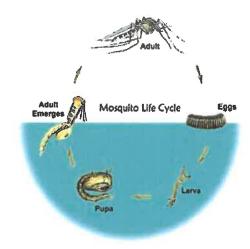


Female mosquito after biting a person.

For more information on mosquitoes and dengue, visit: www.cdc.gov/dengue

Life Cycle

The mosquito goes through four separate and distinct stages of its life cycle: Egg, Larva, Pupa, and Adult. Each of these stages can be easily recognized by its special appearance.



Egg: Eggs are laid one at a time or attached together to form "rafts." They float on the surface of the water. In the case of Culex and Culiseta species, the eggs are stuck together in rafts of up to 200. Anopheles, Ochlerotatus, and Aedes, as well as many other genera, do not make egg rafts, but lay their eggs singly. Culex, Culiseta, and Anopheles lay their eggs on the water surface while many Aedes and Ochlerotatus lay their eggs on damp soil that will be flooded by water. Most eggs hatch into larvae within 48 hours; others might withstand subzero winters before hatching. Water is a necessary part of their habitat.

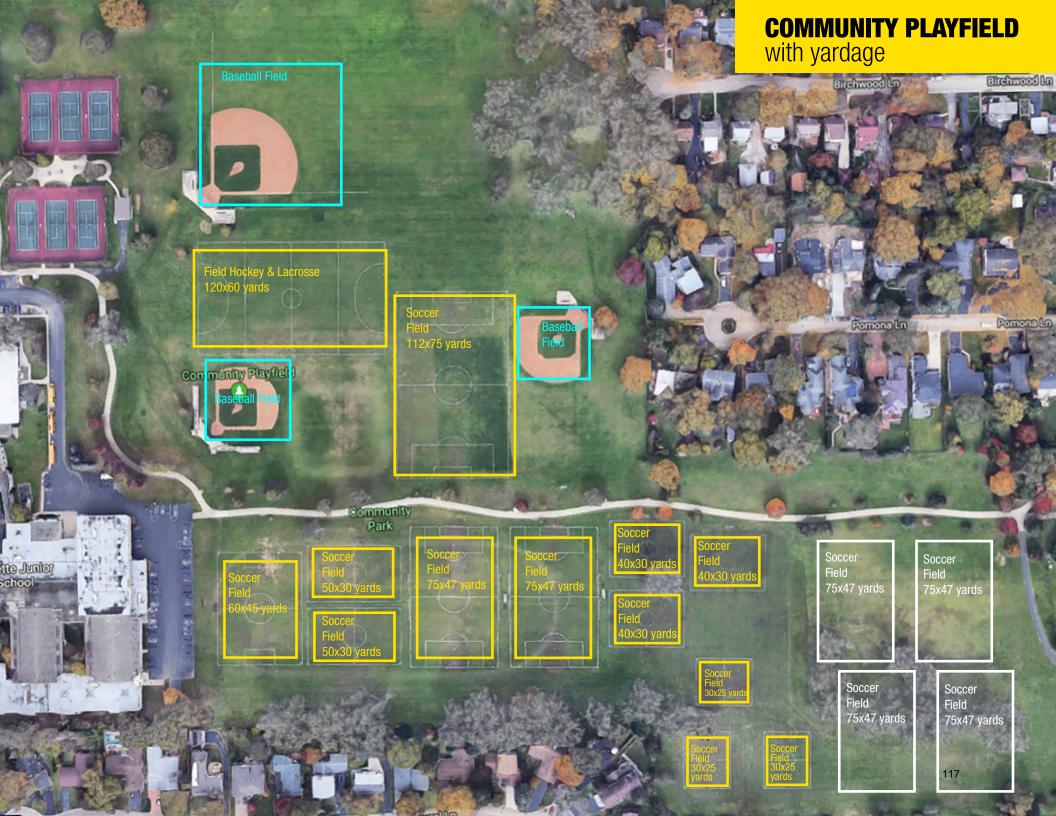
Larva: The larva (plural - larvae) lives in the water and comes to the surface to breathe. Larvae shed (molt) their skins four times, growing larger after each molt. Most larvae have siphon tubes for breathing and hang upside down from the water surface. Anopheles larvae do not have a siphon and lie parallel to the water surface to get a supply of oxygen through a breathing opening. Coquillettidia and Mansonia larvae attach to plants to obtain their air supply. The larvae feed on microorganisms and organic matter in the water. During the fourth molt the larva changes into a pupa.

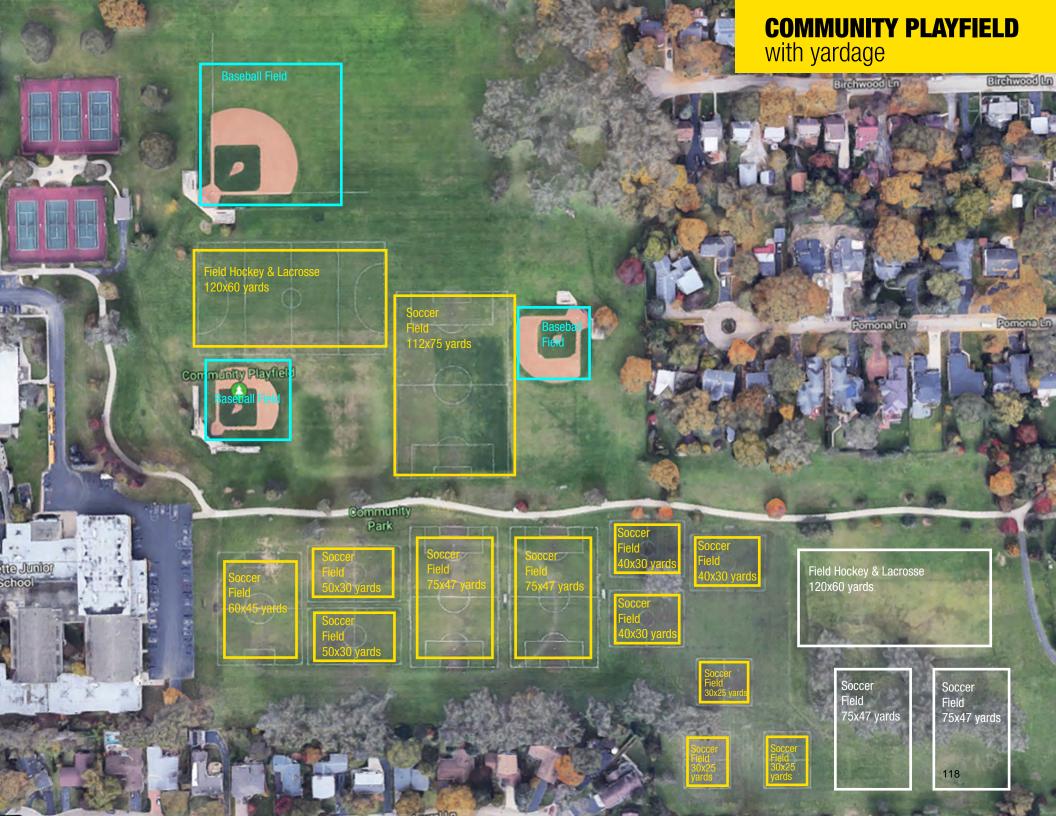
Pupa: The pupal stage is a resting, non-feeding stage of development, but pupae are mobile, responding to light changes and moving (tumble) with a flip of their tails towards the bottom or protective areas. This is the time the mosquito changes into an adult. This process is similar to the metamorphosis seen in butterflies when the butterfly develops - while in the cocoon stage - from a caterpillar into an adult butterfly. In *Culex* species in the southern United States this takes about two days in the summer. When development is complete, the pupal skin splits and the adult mosquito (imago) emerges.

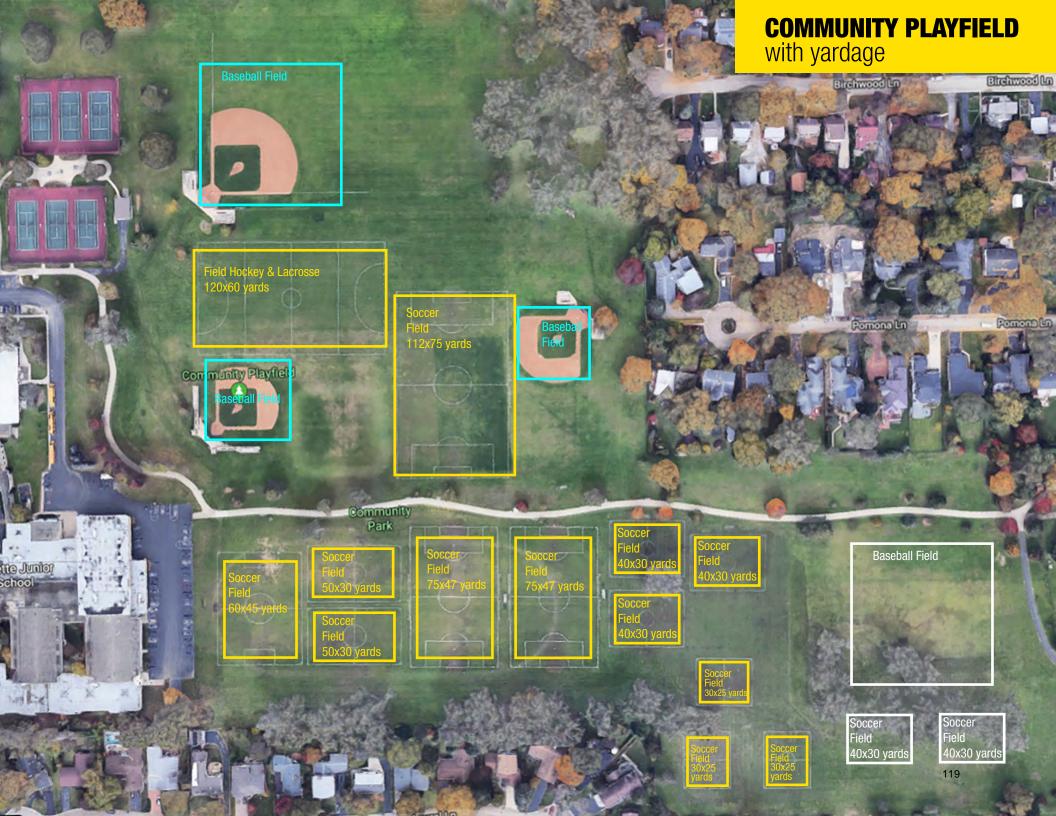
Adult: The newly emerged adult rests on the surface of the water for a short time to allow itself to dry and all its body parts to harden. The wings have to spread out and dry properly before it can fly. Blood feeding and mating does not occur for a couple of days after the adults emerge.

How long each stage lasts depends on both temperature and species characteristics. For instance, *Culex tarsalis*, a common California (USA) mosquito, might go through its life cycle in 14 days at 70° F and take only 10 days at 80° F. On the other hand, some species have naturally adapted to go through their entire life cycle in as little as four days or as long as one month.

Press Room (https://www.mosquito.org/pressroom) Contact Us (https://www.mosquito.org/contact) Privacy Statement (https://www.mosquito.org/page/Privacy?)







WILMETTE PARK DISTRICT RESOLUTION 2019-R-9

A RESOLUTION APPROVING THE TERMS AND AUTHORIZING THE EXECUTION OF A MEMORANDUM OF UNDERSTANDING BETWEEN WILMETTE PARK DISTRICT AND VILLAGE OF WILMETTE FOR THE CONSTRUCTION, OPERATION, AND MAINTENANCE OF STORMWATER IMPROVEMENTS ON CERTAIN PARK DISTRICT OWNED PROPERTIES

WHEREAS, the Village of Wilmette ("Village") owns and operates a storm and sanitary sewer system, including certain ancillary facilities and improvements, that extends throughout its corporate boundaries; and

WHEREAS, the Village desires to construct, maintain, and operate a series of additional underground storm water reservoirs, piping, and certain other ancillary improvements (collectively, "Storage Reservoirs"), for the purpose of managing and storing excess surface storm water in an effort to decrease surface flooding throughout the Village ("Project"); and

WHEREAS, the Village performed a significant amount of due diligence, including consultation with certain third-party consultants, to evaluate the efficacy of the Project and to identify potential locations for the Storage Reservoirs; and

WHEREAS, the Village identified certain portions of Wilmette Park District ("Park District") property, namely, Community Playfield, Thornwood Park, and Hibbard Park (collectively referred to as the "Park Properties"), as suitable locations for the installation and operation of the Storage Reservoirs, and requested permission from the Park District for access to and use of the Park Properties to help facilitate the Project; and

WHEREAS, the Village and Park District also held numerous public meetings to discuss the Project, the Storage Reservoirs, and use of the Park Properties, and to receive input from their respective residents and the general public with respect to same; and

WHEREAS, the parties have determined that it is in the best interests of their respective residents, as well as the public generally, to proceed with the Project, including the installation and operation of the Storage Reservoirs at the Park Properties; and

WHEREAS, the parties have determined that there will be a detailed intergovernmental agreement, or series of intergovernmental agreements, entered into between the parties on a future date that will provide the specific terms and conditions governing the Project and, in particular, the installation and operation of the Storage Reservoirs at the Park Properties; and

WHEREAS, the next stage of the Project requires the creation of detailed plans and specifications by third-party consultants, which will come at considerable expense to the Village; and

WHEREAS, this Memorandum of Understanding is intended to provide the parties with assurances with respect to the Park Properties where the Storage Reservoirs will be placed, as well as a general idea of the footprints of the Storage Reservoirs at the Park Properties prior to the

Village incurring additional, substantial costs for the Project; and

WHEREAS, the Park District's Board of Park Commissioners ("Park Board") has determined that it is in the public's interest to grant certain easement rights to the Village in order to facilitate the construction, operation and maintenance of the Storage Reservoirs at the Park Properties, and to otherwise facilitate completion of the Project, subject to terms and conditions set forth in an intergovernmental agreement or series of intergovernmental agreements to be negotiated and executed by the Parties at a future date; and

WHEREAS, the Park Board has further determined that the execution of this Memorandum of Understanding is a necessary next step to allow the Village to continue to pursue the Project; and

WHEREAS, the Village, by virtue of its power as a home rule unit of government as provided in Article VII, Section 6 of the 1970 Constitution of the State of Illinois, and the Park District, by virtue of its powers set forth in Sections 8-1 and 8-11 of the Park District Code (70 ILCS 1205/8-1 and 8-11), are authorized to enter into such an intergovernmental agreement; and

WHEREAS, a cooperative intergovernmental agreement is appropriate and such an agreement is authorized and encouraged by Article 7, Section 10 of the Illinois Constitution.

NOW THEREFORE, IT IS HEREBY RESOLVED by the Board of Park Commissioners of the Wilmette Park District, Cook County, Illinois, as follows:

- <u>Section 1</u>. The preamble to this Resolution is hereby incorporated in its entirety by reference in, and made a part of, this Resolution.
- Section 2. The form, terms and provisions of the proposed "Memorandum of Understanding," copies of which have been distributed to and considered by the Park Board at this meeting, are hereby approved, and the President and Secretary of the Park Board are hereby authorized and directed to execute said agreement in the name of and on behalf of the Park District, substantially in the form presented at this meeting, with such modifications thereto as the President in consultation with the Park District's attorney shall approve, which approval shall be conclusively evidenced by the President's execution thereof.
- <u>Section 3.</u> The Secretary of the Park Board is hereby authorized and directed to certify a copy of this Resolution and deliver same to the Village.
- <u>Section 4.</u> The proper officers of the Park District are hereby authorized to execute such further documents and instruments and take such further actions as they shall deem necessary or appropriate in order to carry out the intent and effect the provisions and purposes of this Resolution and the Intergovernmental Agreement.
- <u>Section 5</u>. This Resolution shall be in full force and effect from and after its adoption as provided by law.

Adopted by roll call vote this 19th day of August, 2019.

Ayes:		<u>-</u>
Nays:		.
Abstentions:		
Absent:		
	President, Board of Park Commissioners Wilmette Park District	
ATTEST:		
Secretary, Board of Park Commissioners		

Wilmette Park District

SECRETARY'S CERTIFICATE

I, Stephen P. Wilson, do hereby certify that I am Secretary of the Board of Park Commissioners of the Wilmette Park District, Cook County, Illinois, and as such official, I am keeper of the records, ordinances, files and seal of said Park District; and,

I hereby further certify that the foregoing instrument is a true and correct copy of:

A RESOLUTION APPROVING THE TERMS AND AUTHORIZING THE EXECUTION OF A
MEMORANDUM OF UNDERSTANDING BETWEEN WILMETTE PARK DISTRICT AND VILLAGE OF
WILMETTE FOR THE CONSTRUCTION, OPERATION, AND MAINTENANCE OF STORMWATER
IMPROVEMENTS ON CERTAIN PARK DISTRICT OWNED PROPERTIES

adopted at a duly called Special Meeting of the Board of Park Commissioners of the Wilmette Park District, held at Wilmette, Illinois, in said District at 7:30 p.m. on the 19th day of August, 2019.

I do further certify that the deliberations of the Board on the adoption of said resolution were conducted openly, that the vote on the adoption of said resolution was taken openly, that said meeting was held at a specified time and place convenient to the public, that notice of said meeting was duly given to all of the news media requesting such notice, that an agenda for said meeting was posted at the location where said meeting was held and at the principal office of the Board at least 48 hours in advance of the holding of said meeting, that said meeting was called and held in strict compliance with the provisions of the Open Meetings Act of the State of Illinois, as amended, and with the provisions of the Park District Code of the State of Illinois, as amended, and that the Board has complied with all of the provisions of said Act and said Code and with all of the procedural rules of the Board, in the passage of the resolution.

IN WITNESS WHEREOF, I hereunto affix my official signature and the seal of said Park District at Wilmette, Illinois this 19th day of August, 2019.

Secretary
Board of Park Commissioners
Wilmette Park District

[SEAL]

MEMORANDUM OF UNDERSTANDING

(Village of Wilmette – Wilmette Park District)

This Memorandum of Understanding ("MOU") is entered into as of this ______ day of August, 2019, by and between THE VILLAGE OF WILMETTE, ("Village"), an Illinois municipal corporation and home rule unit, and WILMETTE PARK DISTRICT ("Park District"), an Illinois park district and unit of local government. The Village and Park District are hereinafter sometimes referred to individually as "Party" and collectively as the "Parties".

WHEREAS, the Village has determined that it is in the best interests of the health, safety, and welfare of its residents and the general public to construct, maintain, and operate, within the corporate boundaries of the Village, a series of underground storm water reservoirs, piping, and other apparatuses (collectively, "Storage Reservoirs"), for the purpose of managing and storing excess surface storm water in an effort to decrease surface flooding throughout the Village ("Project"); and

WHEREAS, the Village performed a significant amount of due diligence, including consultation with certain third-party consultants, to evaluate the efficacy of the Project and to identify potential locations for the Storage Reservoirs; and

WHEREAS, the Village identified certain portions of Park District property, namely, Community Playfield, Thornwood Park, and Hibbard Park (collectively referred to as the "Locations"), as suitable locations for the installation and operation of the Storage Reservoirs, and requested permission from the Park District for access to and use of the Locations to help facilitate the Project; and

WHEREAS, the Parties also held numerous public meetings to discuss the Project, the Storage Reservoirs, and the Locations, and to receive input from their respective residents and the general public with respect to same; and

WHEREAS, the Parties have determined that it is in the best interests of their respective residents, as well as the public generally, to proceed with the Project, including the installation and operation of the Storage Reservoirs at the Locations; and

WHEREAS, the Parties acknowledge and agree that there will be a detailed intergovernmental agreement, or series of intergovernmental agreements, entered into between the Parties on a future date that will provide the specific terms and conditions governing the Project and, in particular, the installation and operation of the Storage Reservoirs at the Locations; and

WHEREAS, this MOU is intended to provide the Parties with assurances with respect to the Locations where the Storage Reservoirs will be placed, as well as a general idea of the footprints of the Storage Reservoirs at the Locations prior to the Village incurring any substantial costs for the Project; and

WHEREAS, once this MOU is executed, the Village intends to continue progress on the Project by engaging third party vendors to provide the final engineering design and plans for the Project, at which time the Village will begin to incur substantial costs for the Project; and

WHEREAS, an intergovernmental agreement is appropriate and such an agreement is authorized and encouraged by Article 7, Section 10 of the Illinois Constitution and the Intergovernmental Cooperation Act (5 ILCS 220/1 et seq.); and

WHEREAS, the Village, by virtue of its powers as a home rule unit of government as provided in Article VII, Section 6 of the 1970 Constitution of the State of Illinois, and Park District, by virtue of its powers set forth in Sections 8-1 and 8-11 of the Park District Code (70 ILCS 1205/8-1 and 8-11), are authorized to enter into this MOU.

NOW THEREFORE, in consideration of the promises herein contained, the Parties agree as follows:

- 1. RECITALS. Each of the foregoing recitals and findings are hereby made a part of this MOU and are incorporated by reference as if set forth verbatim herein.
- 2. GRANT OF AN EASEMENT. Upon the successful negotiation and execution of one or more intergovernmental easement agreements with terms and conditions acceptable to the Parties, the Park District shall grant the Village certain non-exclusive perpetual easements and certain temporary construction easements to allow the Village to install, operate and maintain the Storage Reservoirs at the Locations, and to otherwise facilitate completion of the Project. The specific details of the easements contemplated by this MOU shall be provided in one or more intergovernmental agreements between the Parties to be negotiated and executed at a later date.
- 3. LOCATIONS. Upon the successful negotiation and execution of one or more intergovernmental easement agreements with terms and conditions acceptable to the Parties, the Village shall be allowed to construct, maintain and operate the Storage Reservoirs upon the Park property as specifically provided for in this MOU and as provided for in writing in any subsequent agreements. The Project shall substantially conform to the footprints provided for in the following Exhibits:
 - a. Community Playfield: The portion of the Project to be commenced at Community Playfield shall be located within the area shown in red on the attached Exhibit A.
 - b. Hibbard Park: The portion of the Project to be commenced at Hibbard Park shall be located within the area shown in red on the attached Exhibit B.
 - c. Thornwood Park: The portion of the Project to be commenced at Thornwood Park shall be located within the area shown in red on the attached Exhibit C.
- VILLAGE OBLIGATIONS.

The Village shall construct the Storage Reservoirs and restore the Locations at no cost to the Park District in the manner as mutually agreed upon between the Parties at a later date and memorialized in one or more intergovernmental agreements.

LAW GOVERNING.

The laws of the State of Illinois shall govern the terms of this Agreement both as to interpretation and performance.

6. CAPTIONS AND PARAGRAPH HEADINGS.

Captions and paragraph headings are for convenience only and are not a part of this Agreement and shall not be used in construing it.

7. NOTICES.

All notices provided for herein shall be served upon the Parties by personal delivery, email, fax or Certified United States mail, return receipt requested, at the following locations, or at such other location or locations as the Parties may from time to time designate in writing:

Notice to Park District: Notice to Village:

Executive Director

Wilmette Park District

1200 Wilmette Avenue

Wilmette, IL 60091

Village Manager

Village of Wilmette

1200 Wilmette Avenue

Wilmette, IL 60091

Notices shall be deemed given when received by the Party to whom it was sent.

8. COUNTERPARTS.

This Agreement may be executed in counterparts that, taken together, will be effective as if they were a single document. Signatures transmitted by a .pdf file or facsimile shall be treated as originals.

9. ENTIRE AGREEMENT.

This instrument contains the entire agreement between the Parties relating to the rights granted herein and the obligations herein assumed. Any oral representations or modifications concerning this instrument shall be of no force and effect, and any modifications to this Agreement must be in writing and must be signed by all Parties to this Agreement.

Agreed to:	
VILLAGE OF WILMETTE	WILMETTE PARK DISTRICT
	By:
Robert T. Bielinski, Village President	President, Board of Park Commissioners
	Attest:
	Secretary, Board of Park Commissioners

