



**AGENDA**  
CHARTER TOWNSHIP OF MERIDIAN  
TOWNSHIP BOARD – REGULAR MEETING  
March 19, 2019 6:00 pm

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1. CALL MEETING TO ORDER
2. PLEDGE OF ALLEGIANCE/INTRODUCTIONS
3. ROLL CALL
4. PRESENTATION
  - A. Findings of the Local Officials Compensation Commission
5. CITIZENS ADDRESS AGENDA ITEMS AND NON-AGENDA ITEMS\*
6. TOWNSHIP MANAGER REPORT
7. BOARD MEMBER REPORTS OF ACTIVITIES AND ANNOUNCEMENTS
8. APPROVAL OF AGENDA
9. CONSENT AGENDA
  - A. Communications
  - B. Minutes-March 5, 2019 Regular Meeting
  - C. Bills
  - D. Georgetown #4 Public Streetlighting SAD #427-Resolution #5
  - E. DNR Park Acquisition Grant Application-Okemos Road
  - F. Resolution of Declaration and Notice-North Meridian Road Park
  - G. Disposal of Surplus Vehicles
10. QUESTIONS FOR THE ATTORNEY
11. HEARINGS (CANARY)
  - A. MUPUD #18044 (Newton Pointe LLC) Newton Park
  - B. WUP #18-03 (Newton Pointe LLC) Newton Park
  - C. Grand River Avenue Public Water Main Improvement SAD #49
12. ACTION ITEMS (PINK)
  - A. Redi-Ride Millage
  - B. Rezoning #18160 (Giguere)-**Final Adoption**
  - C. Rezoning #18150 (Township Board)-**Final Adoption**
  - D. Elevation at Okemos Pointe Brownfield Plan
  - E. Biber Street Land Transfer
13. BOARD DISCUSSION ITEMS (ORCHID)
  - A. MUPUD #18044 (Newton Pointe LLC) Newton Park
  - B. WUP #18-03 (Newton Pointe LLC) Newton Park
  - C. SUP #18091 (Newton Pointe LLC) Newton Park
  - D. Grand River Avenue Public Water Main Improvement SAD #49
  - E. Time Limitations for Vending
  - F. Fireworks Ordinance
  - G. Kansas Road Sewer SAD #52 Reapportionment
  - H. Grettenberger Drain 434 Agreement
14. COMMENTS FROM THE PUBLIC
15. OTHER MATTERS AND BOARD MEMBER COMMENTS
16. ADJOURNMENT
17. POSTSCRIPT-COURTNEY WISINSKI

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All comments limited to 3 minutes, unless prior approval for additional time for good cause is obtained from the Supervisor.  
Appointment of Supervisor Pro Tem and/ or Temporary Clerk if necessary.

Individuals with disabilities requiring auxiliary aids or services should contact the Meridian Township Board by contacting:  
Township Manager Frank L. Walsh, 5151 Marsh Road, Okemos, MI 48864 or 517.853.4258 - Ten Day Notice is Required.  
Meeting Location: 5151 Marsh Road, Okemos, MI 48864 Township Hall



**To: Board Members**  
**From: Joyce A. Marx, Human Resources Director**  
**Date: March 15, 2019**  
**Re: Findings of the Local Officials Compensation Commission (LOCC)**

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The Local Officials Compensation Commission (LOCC) consists of five members that meet biannually to determine the salaries of the elected officials (Supervisor, Clerk, Treasurer, Trustees, and Park Commissioners). I am reporting the official findings made at the Public Hearing on Wednesday, March 6, 2019.

The determination of the Commission for 2019 and 2020 was filed with the Township Clerk on Thursday, March 7, 2019 and will be in effect 30 days following its filing unless rejected by the Township Board with a 2/3 vote.

Attached to this memorandum is the determination of salaries for elected officials for 2019 and 2020 and the compensation survey data used for the determination.

**Attachments:**

1. Determination of Salaries for Elected Officials for 2019 and 2020
2. Compensation Survey Data



Meridian Township  
5151 Marsh Road  
Okemos, MI 48864

P 517.853.4000  
F 517.853.4096

**Township Board:**

**Ronald J. Styka**  
*Township Supervisor*

**Brett Dreyfus**  
*Township Clerk*

**Phil Deschaine**  
*Township Treasurer*

**Patricia Herring  
Jackson**  
*Township Trustee*

**Dan Opsommer**  
*Township Trustee*

**Kathy Ann Sundland**  
*Township Trustee*

**Courtney Wisinski**  
*Township Trustee*

**Frank L. Walsh**  
*Township Manager*

03/07/2019

Brett Dreyfus, Township Clerk  
Charter Township of Meridian  
5151 Marsh Road  
Okemos, MI 48864

Dear Clerk Dreyfus:

Subject: Determination of Salaries for Elected Officials - 2019 and 2020

The Charter Township of Meridian Local Officials Compensation Commission met in accordance with Section 2-258 and 2-259 of the Township Code of Ordinances. The Commission has determined the following compensation for elected officials and hereby reports its decision to the Township Board.

Township Supervisor: Effective April 6, 2019 to December 31, 2019, the Township Supervisor shall be paid an annualized salary of \$21,651. Effective January 1, 2020, such annualized salary shall be increased to \$22,084.

Township Clerk & Township Treasurer: Effective April 6, 2019 to December 31, 2019, the Township Clerk and Township Treasurer shall be paid an annualized salary of \$73,762. Effective January 1, 2020, such annualized salary shall be increased to \$75,237.

Township Trustees: Effective April 6, 2019 to December 31, 2019, the Township Trustees shall be paid an annualized salary of \$10,409. Effective January 1, 2020, such annualized salary shall be increased to \$10,617.

Park Commission: Members of the Park Commission for the years 2019 and 2020 shall be paid \$45 per meeting (either work session or commission meetings) with a maximum of twenty-four (24) meetings per year.

Sincerely,

Amy Holda  
Chairperson  
Local Officials Compensation Commission

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	
	As of January 25, 2019 Township	2010 Population	2019 estimated population	2018 Taxable Value	2019 Twp. Supervisor	2019 Twp. Clerk	2019 Twp. Treasurer	2019 Twp. Trustee	# of full time emp.	2018 Emp. Wages Frozen?	If not % of increase	2019 Emp. Wages Frozen?	If not % of increase will be	Parks & Rec Yes or No	Parks & Rec Elected?	Amount of Per Diem or Salary	Meetings Per Year	Dedicated Millage?	Levy	
5	<b>PART TIME TOWNSHIP BOARDS</b>																			
7	Bloomfield Char Twp	41,123	41,301	\$3,675,000,000	\$160,308.52	\$139,795.13	\$139,795.13	\$200/mtg	250	No	2.0%	No	2.0%	No						
8	Bridgeport Twp	10,780	10,300	\$191,572,708	\$8,500.00	\$8,500.00	\$8,500.00	\$65/mtg	32	No	1.75%	No	2.0%	Yes	Yes	\$30	varies	No	No	
10	Canton Charter Twp	90,173	95,729	\$3,711,831,078	\$116,295.00	\$99,586.00	\$99,586.00	\$12,094.00	362	No		No		No					No	No
11	Cascade Charter Twp	17,134	19,000	\$1,575,842,302	\$20,896.00	\$16,716.00	\$16,716.00	\$9,403.00		No	1.6%	No	2.1%	No					No	No
12	Chesterfield Char Twp	43,410	45,000	\$1,900,000,000	\$94,971.24	\$83,110.32	\$83,110.32	\$10,850.00	165	No	1.0%	No	2.0%	Yes	Yes	\$30/mtg	11	No	No	
13	Commerce Char Twp	35,874	38,836	\$2,026,294,037	\$91,857.00	\$86,613.00	\$86,613.00	\$150/mtg	57	No	3.0%	No	3.0%	Yes - Board	No	\$60/mtg	12	No	No	
15	Davison Char Twp	19,575	Minimal Chg	\$536,598,607	\$77,854.00	\$63,619.00	\$54,522.00	\$14,730.00	34	No	1% non-un 2% union	Y non-un N union		No					No	
17	Delhi Charter Twp	25,877		\$764,836,279	\$24,914.42	\$71,759.65	\$24,914.42	\$11,075.06	72	No	1.3%	No	2.1%	Yes	Yes	\$60/mtg	12	Yes	1	
18	Delta Charter Twp	32,408	34,455	\$1,468,853,584	\$26,265.00	\$84,048.00	\$17,860.00	\$13,133.00	128	No	2.0%	No	3.0%	Yes	No	\$50/mtg	11	No	No	
20	Genesee Charter Twp	21,581		\$300,625,787	\$70,430.00	\$63,392.00	\$63,392.00	\$12,845.00	29	Yes		No	3.0%	No					No	
21	Georgetown Char Twp	46,985	51,000	\$1,702,486,391	\$17,265.96	\$12,136.02	\$11,473.02	\$3,882.00	27	No	2.5%	No	2.5%	No						
22	Grand Blanc Char Twp	37,508		\$1,281,317,033	\$18,000.00	\$59,972.00	\$59,972.00	\$5702.75/yr	92	No	2.75%	No	2-2.75%	Yes	No		varies	Yes	0.2471	
24	Holland Charter Twp.	35,636		\$1,292,127,088	\$33,270.00	\$33,270.00	\$33,270.00	\$128.75/mtg	41	No	3.0%	No	3.0%	No					No	
26	Meridian Charter Twp	40,000	43,000	\$1,760,492,000	\$21,226.00	\$72,315.00	\$72,315.00	\$10,204.00	152	No	2.0%	No	2.0%	Yes	Yes	\$45/mtg	24 max	Yes	0.6667	
28	Oshemo Char Twp	21,705	24,000	\$826,354,876	\$70,360.00	\$70,360.00	\$70,360.00	\$2,520.00	30	No	1.0%	No		No					No	
30	Plainfield Charter Twp	32,000	34,000	\$1,255,812,118	\$15,000.00	\$32,000.00	\$20,000.00	\$110/reg mtg- \$55/comm mtg	57	No	3.5%	No	3.2%	Yes	No		varies	Yes	0.4953	
32	Thomas Twp	11,877	11,546(2017)	\$469,811,600	\$10,010.00	\$10,010.00	\$10,010.00	\$89.58/\$47.65		No	3.0%	No	3.0%	Yes	Yes	\$30/\$25	12	No	No	
33	Tittabawassee Twp	9,726	12,691	\$310,319,711	\$12,700.00	\$12,700.00	\$12,700.00	\$300/board mtg	18	No	3.0%	No	n/a	Yes	No	\$50/mtg	12	No	No	
35	Waterford Charter Twp		73,500	\$2,122,420,610	\$98,489.00	\$88,721.00	\$88,721.00	\$11,882.00	327	No	2.0%	No	2.0%	Yes - Dept.	No	\$81,641	23	Yes	0.5	
37	Ypsilanti Charter Twp	53,362	53,362	\$1,289,879,967	\$84,235.66	\$84,235.66	\$84,235.66	\$15,000.00	97	No	3.0%	No	3.0%	Yes	Yes	\$50/mtg	12	Yes	0.9966	
39	SAGINAW CHAR TWP	40,840	40,840	1,258,550,681	\$20,015	\$16,634	\$16,634	\$5,100	214	No	2% + merit	No	2.50%	Yes	Yes	\$35	12	No	No	
41	<b>RECOMMENDATION OF THE COMPENSATION COMMISSION for TOWNSHIP BOARD</b>																			
42	FY 2019-2020																			
43	% Change																			
44																				
45	FY2020-2021																			
46	% Change																			
47																				
48	Salaries in bold red represent FULL TIME positions								Survey Prepared by Rob Grose, Twp. Mgr.											

**CLERK'S OFFICE BOARD  
COMMUNICATIONS  
March 19, 2019**

**BOARD INFORMATION  
(BI)**

To: Meridian Township Board

Re: Proposed Housing Development (#19010)

Dear Meridian Townnship Board Members:

We are writing concerning the Woda Cooper Companies project (#19010). We understand that this is currently moving forward through the approval process.

We have lived in the Wardcliff neighborhood for over 34 years. While we have no objections to this housing development project, we would like to go on record as expressing concerns as to the impact the proposed traffic pattern may have on the greater Wardcliff neighborhood. We are especially concerned with the potential for increased traffic on Greencliff and the surrounding streets. All of the streets in our area not only carry vehicle traffic, but are also used by pedestrians, bicyclists and the neighborhood children. In addition, the streets lead directly to Wardcliff school which still results in a significant level of foot traffic as there are no sidewalks in our area.

In closing, we would like the Board to consider having a professional traffic study conducted to identify any safety concerns. Our hope would be that any issues identified would be addressed prior to the approval of the final project.

Thank you for your consideration.

Craig and Dianna Behrens

2711 Heather Drive

## Riley Millard

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**From:** ajmeier <ajmeier@aol.com>  
**Sent:** Sunday, March 3, 2019 7:39 PM  
**To:** Board  
**Subject:** Marijuana dispensaries

I am opposed to the ordinance under consideration that would allow for The registration of 21 commercial medical marijuana facilities in Meridian Township. I have been a resident of Meridian Township and a home owner for over 35 years. I am also a physician in internal medicine and care for many people who reside in Meridian Township. I will be unable to attend any of the meetings where a decision will need be made. I believe the economic burden on the community Law enforcement department will be greater than anticipated. I believe the actual need for a medical marijuana dispensary should be dependent on the anticipated number of people requiring Medical marijuana for appropriate medical needs and if unable to manufacture their own marijuana a facility where they may purchase it. I believe the demand can be met with the existing dispensaries in the greater Lansing East Lansing and Okemos area. A dispensary or a facility in the Township not 21 should be more than sufficient to supply the current demand for medical marijuana in this area based on the current anticipated need in our Township. Thank you for hearing my concerns.

Yours sincerely Dr. Anthony J. Meier MD

Sent from [Mail](#) for Windows 10

## Riley Millard

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**From:** marc santucci <marcsantucci@yahoo.com>  
**Sent:** Monday, March 4, 2019 4:48 PM  
**To:** Board  
**Cc:** Robert Baldori  
**Subject:** Medical Marihuana Zoning agenda item, March 5 Board meeting

To: MeridianTownship Board

From: Marc Santucci, 5909 Blythefield Dr.

Subject: Zoning for Medical Marihuana Provisioning Centers

I would like to give my support to the proposed ordinance which calls for six provisioning centers to be located in those areas zoned for such centers. In fact I believe that six locations are too few, but understand that this number was derived from a compromise between those for more and those for fewer centers and agree that compromise is a good thing.

I would also like to state up front that I and my family would financially benefit from this ordinance as we own property within one of the zones selected for such provisioning centers. However, even if I was not a land holder in one of these areas, I would support the ordinance. I just probably would not have taken the time to write to you.

Most communities in the state and around the nation realize these centers will provide a significant economic benefit to the community and to the State and have acted or are acting accordingly by approving these operations in their communities. The value of the land and buildings where these centers are sited will be much greater than its existing value. It is also likely that the landowners of these properties will sell rather than opening up their own centers. Thus unlocking even greater tax value.

They will also provide those who need or choose to use medical marihuana the opportunity to purchase their items within a short distance from their homes.

This proposed ordinance has some very strict requirements that I assume are meant to protect the character of the neighborhoods where they will be located and to prevent any one area from becoming overrun with these centers.

The choice is not between keeping out or minimizing the availability of marihuana or allowing a wild west atmosphere with too many provisioning centers. It is between optimizing the financial benefits and citizen convenience or forgoing some amount of tax income and burdening those who use or will use medical marihuana.

Three centers in the Township are too few and will create too much traffic in fewer areas and are likely to cause larger centers to be built. Six will allow for all parts of the Township to be served and will create more competition which is always good for the customer.

Thank you for your consideration.

## Riley Millard

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**From:** Julie Brixie <JBrixie@house.mi.gov>  
**Sent:** Thursday, February 28, 2019 10:27 PM  
**To:** Brett Dreyfus  
**Cc:** Board  
**Subject:** Civil asset forfeiture

Dear Clerk and Board Members,

I thought you'd like to know that I just voted yes on the first package of bills of the year (HB 4001-4002) before the house today.

These bills reform Michigan's civil asset forfeiture process. The bipartisan bill package will require a criminal conviction or guilty plea before law enforcement can sell or use property seized due to suspected criminal activity.

I know that this topic has generated some interest and lively debate in Meridian Township in the past.

The Township's attorney, Mr. Harkness identified two issues with the draft bills. I was able to convince my colleagues on the house floor to amend the bills to address one the problems. The other problem was not addressed.

I will continue to work for the fix to allow municipal and township attorneys the right to fill out certain forms called for in the bill as they work through the legislative process.

I promise to keep you updated on the progress of these bills.

Sincerely,

Julie Brixie  
State Representative for Michigan House District 69  
Juliebrixie@house.mi.gov

Get [Outlook for Android](#)

## Riley Millard

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**From:** gmari7 <gmari7@comcast.net>  
**Sent:** Tuesday, March 5, 2019 1:45 PM  
**To:** Riley Millard  
**Subject:** Fwd: MEDICAL Marijuana Issues

From: gmari7 <gmari7@comcast.net>  
Date: 2/25/19 10:19 PM (GMT-05:00)  
To: townshipboard@meridian.mi.us  
Subject: MEDICAL Marijuana Issues

As I sit and watch the Planning Commission meeting on February 25, 2019, many of the same questions and concerns have been raised that Township Board members have discussed but not resolved. It appears common concerns are indicative of lack of direct contact with the 3-4 actual facilities you are discussing. Before you impose this societal and cultural change on our community, you have a responsibility to know what you are asking of your taxpayers, neighbors and businesses. The blatant lack of face to face knowledge is a hinder that has gone on too long.

Ann Arbor has successfully operated Medical Marijuana facilities. These are not Pot or Head shops. There is no lingering or haven for crime. I know patients of physicians who drive to Ann Arbor for pain management as Cancer or major surgical clients. Not all doctors support this Intervention but there are many. Ann Arbor has been a desirable option versus any in the Lansing area.

The request to visit actual operating sites is in response to statements made and inaccuracies. For community members, lack of knowledge but motivation for profit is thankless, and not admirable as elected officials. You are being asked to due diligence. East Lansing and Lansing would be just as convenient. They would also be equipped to fiscally handle funds with transparency based on the Law. Townships not what we intended as voters when passing this legislation.

We'll be waiting to hear when the visitation date is scheduled.

The Planning Commission is even in more need for specificity. The Meeting surfaced many questions and the more immediate need for hands-on knowledge.

Thank you for attention.  
Gloria M Anderson, EdF  
4565 Manitou Drive  
Okemos, MI 48864

Sent from my Verizon, Samsung Galaxy smartphone



Lynne Page &lt;page.okemos@gmail.com&gt;

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**Request for Meridian Township to Opt Out of Commercial Marijuana Businesses**

1 message

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**Lynne Page** <page.okemos@gmail.com>

Fri, Feb 1, 2019 at 12:31 PM

To: "board@meridian.mi.us" &lt;board@meridian.mi.us&gt;

To the Township Board,

I was present at the January 22, 2019 Township Board meeting at which the Board enacted a Commercial Medical Marihuana Non Zoning Ordinance. I believe that permitting 6 commercial marijuana businesses within the township is unnecessary and fundamentally harmful to the essential character of our residential community.

The Board's discussion of this matter was one-sided and did not adequately consider the issue within the direct, actual context of Meridian Township's economic circumstances. Justifying permission for significant expansion of these commercial businesses by invoking "free" market ideology is ludicrous since it fails to address marketplace realities. Considering that the contiguous communities of Lansing and East Lansing would subject these businesses to income tax provides them with an economic incentive to locate in Meridian Township. By the same token, Meridian Township, which has no authority to levy an income tax, has no direct means of recouping the associated public safety, infrastructure, and public service costs it will incur related to these commercial marijuana businesses. Essentially, it is the worst of both worlds. Unlike Lansing's Medical Marihuana Ordinance, Meridian Township has not imposed any financial requirements relating to insurance coverage or surety bonds necessary to indemnify the Township. Clearly, the Board finds this level of risk acceptable, or has not adequately considered all the implications of its actions.

Furthermore, the final ordinance provides for a maximum of 6 Commercial Medical Marihuana Facility permits within the Township. This maximum is disproportional given the number of resident patients and excessive when compared to other popular, necessary commercial and retail businesses located in Meridian Township, such as pharmacies, gas stations, grocery stores and car dealerships. During the consideration of this ordinance, the Board discussed the possibility that these medical marijuana facilities could serve as the precursor to establishing recreational marijuana businesses in Meridian Township, which may explain the number of permits allowed.

Here is a link to a news brief that appeared in the Lansing State Journal on Friday, February 1, 2019 (<https://www.sfgate.com/news/amp/Hundreds-of-Michigan-communities-ban-marijuana-13577173.php>). According to this report, more than 250 Michigan communities have banned marijuana businesses in the last two months. Our community does not need to establish itself as an outlier on this issue. Please note, on the record, that I oppose the expansion of any marijuana businesses in Meridian Township, and formally request that the Board enact a Recreational Marihuana Opt-Out ban ordinance. If there is any mechanism by which the Board can repeal the Commercial Medical Marihuana Non Zoning Ordinance, I urge you to consider doing so.

Sincerely,

Lynne S. Page  
3912 Raleigh Drive  
Okemos, Michigan 48864  
517-347-7403

Lynne S. Page  
3912 Raleigh Drive  
Okemos, MI 48864

February 19, 2019

Township Board  
Charter Township of Meridian  
5151 Marsh Road  
Okemos, MI 48864

Re: Correspondence Omitted from the Township Board Packets and Due Diligence

To the Township Board:

I have been following the Township Board's 2018-2019 initiative regarding commercial medical marijuana businesses in Meridian Township and have submitted written correspondence to the Board expressing my opposition to the proposed ordinance. Some of this correspondence has been omitted from the Township Board packets. How could this lapse occur? The implications are extremely troubling.

Township board members must observe their fiduciary duties to the Township and the public, including the duty of loyalty and the duty of care. Considering the omissions of my correspondence from the Township Board Packet, I request that a full review be conducted to determine whether additional correspondence was suppressed. Following the conclusion of the review, please share the results with residents at a public meeting and disclose the control policies and procedures that need to be followed, revised, or implemented to prevent further such lapses. Subsequently, periodic reviews should be performed to ensure that all written communications are appropriately included in the Board Packet.

Furthermore, during the consideration of this ordinance, I asked the Board to seek input from law enforcement regarding relevant public safety issues. At the February 5, 2019 meeting of the Township Board, Meridian Township Chief of Police Ken Plaga very briefly testified that commercial marijuana businesses will impact law enforcement operations and increase the burden on calls for service. No written report from Chief Plaga or other law enforcement entity was included in any 2019 the Board Packet. Also, it was very disturbing to note that the Board did not publicly discuss Chief Plaga's comments following his testimony, although he was requested by the Board to provide it. More than one Trustee referenced private conversations with Chief Plaga, but the substance of these discussions was not disclosed.

As a matter of due diligence, the Board should have obtained a written report from law enforcement and discussed the findings prior to introducing the ordinance. The Board's failure to discuss Chief Plaga's remarks or consider crime data relating to marijuana commerce implies that Board deliberation may be occurring outside the public eye. Alternatively, the lack of discussion regarding law enforcement data may indicate that it was not adequately considered in this matter. Either way, public participation, transparency, and accountability is compromised under these circumstances.

Please ensure that resident input and relevant data is heard and considered, even when it conflicts with the personal opinions of individual Board members.

Sincerely,



Lynne S. Page

Township Board-Charter Township of Meridian  
Re: Medical Marijuana Non-Zoning Ordinance (Opposition)  
January 22, 2019

1. As a 22-year resident of Meridian Township, and a long-time volunteer in our community and public schools, I would like to express my opposition to the adoption of the Medical Marijuana Non-Zoning Ordinance.
2. According to Michigan's Bureau of Medical Marijuana Regulation, there are 269,553 registered medical marijuana patients in Michigan, while the state's population is just over 10 million residents. Proportionally, this equates to approximately 1,068 medical marijuana patients in Meridian Township, based on current population data. Opting in to provide medicine for a statistically insignificant number of patients is an answer in search of a problem.
3. The proposed ordinance provides for a maximum of 30 Commercial Medical Marijuana Facility Permits within the Township. This maximum is disproportional given the number of registered patients and excessive when compared to other popular, necessary, commercial and retail businesses in Meridian Township such as coffee shops, gas stations or car dealerships.
4. Marijuana is still an illegal drug under federal law. Banks that handle marijuana money can be charged with money laundering. As a result, marijuana growers, processors, and retailers must operate on a cash-only basis, which makes them targets for crime. Allowing these businesses to operate in our community raises concerns for criminal activity, public safety, and financial transparency. Marijuana businesses place a huge, unnecessary burden on our infrastructure and the demand for public services.
5. The adjacent cities of Lansing and East Lansing can collect income taxes from commercial marijuana businesses. The fees associated with the ordinance will not cover indirect costs to Meridian Township/Ingham County such as police, fire, emergency services, and road/infrastructure maintenance. While the Township Board's intentions may be compassionate, medical marijuana patients can be serviced by these nearby municipalities that have a direct, sustainable means of offsetting these costs.
6. According to the Township's website, Meridian Township is "**A destination for raising families, Meridian Township's vision is to achieve and maintain a sustainable and welcoming community with the highest quality of life for our residents.**" Meridian Township has prospered because of its identity as a residential community of single-family owner-occupied homes. Unnecessarily opting in to allow the establishment of commercial medical marijuana businesses in Meridian Township will do nothing to enhance the character of our residential community or the value of our homes.

Lynne S. Page  
3912 Raleigh Drive  
Okemos, MI 48864

## Riley Millard

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**From:** Donna Rose <wild-rose@sbcglobal.net>  
**Sent:** Wednesday, March 6, 2019 10:41 PM  
**To:** Board  
**Cc:** Frank Walsh  
**Subject:** For next packet: Redi Ride

DEAR BOARD of Trustees,

I just watched last night's Board of Trustee's meeting. I don't know what is wrong with some of you! But you didn't come off very well during the Redi Ride segment.

First, I want to say I feel some of you, especially Manager Walsh, have conveniently lost their institutional memory of what has transpired over the past four years regarding customers and residents using the Redi Ride service. In 2015 the previous Board had an open town hall meeting to hear the concerns and comments from citizens regarding Redi Ride. Over 40 riders attended with their concerns and that was why the Redi Ride Committee was first formed. This was not individuals voicing concerns about the BRT, but users of Redi Ride. That town hall took place during the day when Redi Ride is available. It has never been only four people complaining over the past six years. Of course, some of you were not here, but Supervisor Styka was! He knows this, but he didn't speak up, and let you all think otherwise.

Since I have been accused of "politicizing" the Redi Ride question, I guess I need to explain why I have been advocating for our residents for the past four years and why those of us who have stayed the most persistent in this process are still here. I want you to hear from me and not others who don't know anything about my motivation. I am not a politician and do not know why Board members are allowed to call us names, like politicizers, when we are not allowed to do the same during public comment. I don't even understand the meaning of this. Fred Wurtzel tells you at every meeting he attends he is there in the capacity of a leader of the National Federation of the Blind of Michigan representing residents in Meridian Township who need good public transit. I have been representing another consumer group of residents through the Michigan Council of the Blind and Visually Impaired who come to me directly with their concerns, and I am a retired social worker who worked 23 years with those who have persistent and severe mental illnesses, including individuals from minority groups who almost unanimously have few resources available to them. Ody has been our friend for a number of years and we asked him to help us because he genuinely understands the situation of those who cannot drive. He has vowed many times to you and other township representatives he isn't trying to get himself in a position to bid on our transit service because he is busy with the Michigan Flyer. I think I would be safe in saying all of us have options available to us for transit other than Redi Ride. I use Uber and Lift at times to meet gaps in public transit or when I have forgotten to schedule a ride the day before. I am here to promote the civil rights of those who need better resources in order to feel and act like full citizens in our community. Good transportation is essential to this end. While this could be helpful to me, I seldom use Redi Ride, it is not my main motivation. Does everyone always have to have an ulterior motive? Can't you believe people try to care because it is right and will bring opportunity to others? Why are some of you always so suspicious?

Several times throughout 2016 residents came before the Board, as well as before the Meridian Redi Ride Committee to express their experiences with Redi Ride. How long did you expect them to keep telling you over and over again? They finally just gave up and accepted the inevitable. But that doesn't mean they don't want the service improved. Sometimes, those with resources could come, but they are elderly or too ill. My mother lives at the Marquette, and I have recently listened to many a scenario there from residents using both Spectran and Redi Ride, who wish both services were better. I believe CATA wants them to work well for passengers.

Look, in all these years, no one has done their due diligence to explore transit possibilities here in Meridian Township. The Meridian Transportation Commission never invited one other provider to see what might be possible, nor did they

ask CATA specific questions about what could be possible. They did have Clark Harder from the Michigan Public Transportation Association MPTA attend a meeting and he discussed all sorts of new innovative transit programs taking place throughout Michigan. AT that time Sandra Draggoo, former CEO of CATA had withdrawn CATA's membership in this organization, but Brad Funkhouser, CATA's current CEO has revived our membership with that group.

It would be possible for CATA to provide a cheaper ambulatory service, along with lift equipped service. They do exactly that with their Spectran service. They contract with Transdev for ambulatory services using vans and have their own direct lift equipped buses for those needing wheelchair accessible service. Ann Arbor does the exact same thing. Service is done this way because it is less costly and therefore more service can be provided. Board members who don't have an imagination for what is possible are keeping a large number of residents from having more service available at a better price. Even if you bid the service out, our township wouldn't have to have a call center, maintain vehicles or in any way have to manage such a service. Companies that provide these services do that as a part of their contract. And, if you are worried about using ride share services, you could do what Ann Arbor does and use a cab company to provide the ambulatory part of the service. If you asked, perhaps CATA could contract this out for us. Instead you perpetuate fear among residents that they will lose their service if we try something different and act simple minded as though you have no problem solving skills to tackle your uninformed position. There are options.

I want Clerk Dreyfus as my next township supervisor. He was not only willing to hear us, but defended our experience. And he was right to say sometimes one or two people come before you and large decisions are made based on just a couple of voices. Take the marijuana lobbyists for an example. Why must some of you make inappropriate judgements about us because we know better transit is possible? I don't feel it splits the board apart when there are disagreements. These disagreements can bring about compromise and moderation if you are willing. It doesn't have to be just a yes or no question? You could come up with something better. What prevents some of you from helping your constituents have a better transportation experience in our community? Why are you sticking to the position you don't feel anything new should be tried? I am all for CATA providing something different and believe they can do so.

Dan completely misunderstands the purpose of the "Looking Bus" project. It is only for fixed route transit buses and NOT for Redi Ride or Spectran. It is not for safety, but to make it easier for riders who are blind or visually impaired to locate bus stops so we don't always have to rely on door to door service. He would know this if his attendance at CATA meetings was consistent. So as much as he wants to act as a CATA Liaison, he has let me down as the other CATA Board member because he doesn't understand paratransit services and whether local services meet the needs of riders. I don't feel he really cares. I have almost been at every CATA meeting and yet it is Dan's perspective to which most of you cling. Am I not supposed to make sure our township has the best transit service from CATA we can get? This is extremely confusing to be made out as a villain because I advocate for my township and urge you to try something different.

I asked myself what would allow a Meridian Board of Trustee member to have strung us along for four long years. What would be behind their inability to want to help their residents who do not have access to an automobile? Is it mere support of the union? Is it lack of a belief that not all individuals should have access to the political system? Is it an unconscious bigotry? You have had four long years to negotiate transit with more capacity. Now it is the 11th hour and you tell us Redi Ride works so well there is no reason to change it. Yet, you have never just made an appointment to see how it works as just an anonymous citizen. I have to believe it is because you don't have time to fool around with it. You know it isn't very convenient and takes a lot of time to use.

So this is the end of a battle which didn't have to be! Apparently Phil Deschaine is running things now, and he doesn't have the energy to improve transit for those who need it! He would rather not be bothered with it because he says the Board needs to be working on development and roads. So I was duped into helping by voting for the TIF monies to improve our downtown at the CATA Board meeting. I believed I was helping with a project which needs to be done. Now Phil is using that to say there is no time or interest to help citizens have a better transportation experience in our township because he will be too busy with that and that project is really the goal of the Board. What a sad commentary. Those of us who are advocates have been treated unfairly in this process. We will not be shamed into feeling less important than other citizens just because you didn't help us solve these issues sooner. There is absolutely no excuse for

accepting the same old thing for another five years or more. Plus ridership has grown and if you are going to continue on as is we need more funding after 19 years with the same millage amount to manage the program's growth.

This has been without a doubt the most disappointing process with government officials for which I have ever been involved. Most of you only care about items of importance to you and the way those projects will push you along the political ladder. For some reason you are holding down some sort of party line which doesn't necessarily mesh with being a helpful democrat. I find this quite confusing. Frankly I feel I have tried to do what I am suppose to do as your CATA representative and I have been treated poorly by several of you for doing this.

Donna Rose  
6207 Cobblers Drive East Lansing, MI 48823

Township Board-Charter Township of Meridian  
Re: Medical Marijuana Non-Zoning Ordinance (Opposition)  
March 5, 2019

I oppose the adoption of the most recent iteration of Meridian Township's Commercial Medical Marijuana Non-Zoning Ordinance for the following reasons:

- **Allowing 21 Commercial Medical Marijuana businesses within the Township is disproportional given the number of registered patients and excessive when compared to other popular, necessary, commercial and retail businesses in Meridian Township such as pharmacies, grocery stores, coffee shops, and gas stations.**
- At the February 5, 2019 meeting of the Township Board, Meridian Township Chief of Police Ken Plaga testified that commercial marijuana businesses will impact law enforcement operations and increase the burden on calls for service. **Allowing commercial marijuana businesses to operate throughout our community in multiple areas raises concerns for criminal activity, public safety, and financial transparency.**
- The adjacent cities of Lansing and East Lansing can collect income taxes from commercial marijuana businesses. While the Township Board's intentions may be compassionate, medical marijuana patients can be serviced by these nearby municipalities that have a direct, sustainable means of offsetting these costs. **The permit registration fees associated with the ordinance will not cover indirect costs to Meridian Township/Ingham County such as police, fire, emergency services, and road/infrastructure maintenance.**
- Under Michigan law, **Meridian Township cannot impose any income taxes** on its residents or businesses. The neighboring communities of **Lansing and East Lansing can** collect city income taxes from commercial marijuana facilities, so there is an economic incentive to locate in Meridian Township, where it is cheaper to do business.
- **Unlike the City of Lansing's ordinance, Meridian Township's proposed ordinance does not contain adequate financial safeguards for insurance and surety bond coverage necessary to indemnify the Township from risk.**
- **Unlike the City of East Lansing's ordinance, Meridian Township's proposed ordinance does not contain a 1,000-foot setback from residential property, schools, daycares, or other commercial marijuana facilities, which is especially necessary given the "bonus" provisions of the ordinance.**
- The City of East Lansing has established medical marijuana overlay district located near Costco, bounded by Park Lake, Haslett and Merritt Roads. **Establishing a contiguous corridor of commercial marijuana facilities in Meridian Township and East Lansing would be detrimental to both communities.**
- The legal implications of whether establishing commercial medical marijuana facilities may extend business privileges to commercial recreational facilities are uncertain and subject to litigation.

**Permitting 21 Commercial Medical marijuana facilities in Meridian Township in order to serve approximately 1,000 resident patients is excessive. Premature adoption of a deficient ordinance that does not adequately protect our Township and its residents is unnecessary. If the Board feels it is imperative to provide access to commercial medical marijuana, vote to permit a single provisioning center located away from schools and the highway, and easily accessible to law enforcement. In addition, please establish a uniform setback of 1,000-feet from any other marijuana facility, school, religious institution/house of worship, daycare, liquor store, or residential property.**

Lynne S. Page  
3912 Raleigh Drive  
Okemos, MI 48864

## Riley Millard

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**From:** Lee Duynslager <lee.duynslager@gmail.com>  
**Sent:** Tuesday, March 12, 2019 6:50 AM  
**To:** Board; Ronald Styka  
**Subject:** Dangerous Potholes Sower Road West of Okemos Rd.

Hi Mr. Styka:

There are several large and deep potholes west of Okemos Rd. On sower. I have seen people swerve to avoid these and go into the opposing lane of Traffic and have seen people's car to get damaged. I am worried someone might be injured soon.

Could you please send out somebody to fix those?

Thank you,

Lee Duynslager

## Riley Millard

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**From:** Brett Dreyfus  
**Sent:** Tuesday, March 12, 2019 9:08 PM  
**To:** Riley Millard  
**Subject:** FW: Public transportation

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**From:** TOBY LOUCKES [mailto:tlukiss@yahoo.com]  
**Sent:** Tuesday, March 12, 2019 6:04 PM  
**To:** Township Board <Townshipboard@meridian.mi.us>  
**Subject:** Public transportation

I believe we do need to be carefully selecting our transportation for seniors and disabled at the best price for taxpayers. Therefore I believe that we should have other options than CATA. I believe they do a good job but if we open the transportation providers up it will save us all money. You never know when you or a loved one may need this service. Thank you.

Respectfully, Toby Louckes  
1643 Lake Lansing Rd  
Haslett

[Sent from Yahoo Mail for iPhone](#)

Township Board-Charter Township of Meridian  
Planning Commission-Charter Township of Meridian  
Re: Medical Marihuana Zoning/Non-Zoning Ordinances (Opposition)  
March 12, 2019

To the Township Board and Planning Commission:

I oppose the adoption of Meridian Township's proposed Commercial Medical Marihuana Non-Zoning and Zoning Ordinances for the following reasons:

- Although medical marihuana is legal in the State of Michigan, no municipality is required to opt-in per the MMFLA. The adjacent cities of Lansing and East Lansing can provide adequate access to local marihuana patients, and both municipalities can collect income taxes from commercial marihuana businesses and their employees.
- Because it is not a city, Meridian Township cannot levy or collect income or sales taxes from commercial medical marihuana businesses or their employees. For businesses in Meridian Township, these taxes are imposed by and remitted directly to the State of Michigan.
- Allowing 21 Commercial Medical Marihuana businesses within the Township is disproportional given the number of registered patients and excessive when compared to other popular, necessary, commercial and retail businesses in Meridian Township such as pharmacies, grocery stores, coffee shops, and gas stations.
- Allowing commercial marihuana businesses to operate throughout our community in multiple areas raises concerns for criminal activity, public safety, and financial transparency.
- The commercial medical marihuana permit registration fees stipulated in the ordinance are not intended to and will not cover indirect costs to Meridian Township/Ingham County for police, fire, emergency services, and road/infrastructure maintenance associated with marijuana businesses.
- Unlike the City of Lansing's ordinance, Meridian Township's proposed ordinance does not contain adequate financial safeguards for insurance and surety bond coverage necessary to indemnify the Township from risk.
- Unlike the City of East Lansing's ordinance, Meridian Township's proposed ordinance does not contain a 1,000-foot setback from residential property, schools, daycares, or other commercial marihuana facilities, which is especially necessary given the "bonus" provisions of the ordinance.
- The City of East Lansing has established a medical marijuana overlay district located near Costco, bounded by Park Lake, Haslett and Merritt Roads. Establishing a contiguous corridor of commercial marijuana facilities in Meridian Township and East Lansing would be detrimental to both communities.
- The legal implications of whether establishing commercial medical marihuana facilities may extend business privileges to commercial recreational facilities are uncertain and subject to litigation.

Permitting 21 Commercial Medical marihuana facilities in Meridian Township in order to serve approximately 1,000 resident patients is excessive. Premature adoption of a deficient ordinance that does not adequately protect our Township and its residents is unnecessary. If the Board feels it is imperative to provide access to commercial medical marihuana, vote to permit a single provisioning center located away from schools and the highway, and easily accessible to law enforcement. In addition, please establish a uniform setback of 1,000-feet from any other marihuana facility, school, religious institution/house of worship, daycare, liquor store, or residential property.

Lynne S. Page  
3912 Raleigh Drive  
Okemos, MI 48864

# When could dispensaries open in East Lansing?

**Megan Banta**  
LansingStateJournal.com  
USA TODAY NETWORK - MICHIGAN

**EAST LANSING** — A medical marijuana dispensary could open in East Lansing by the end of the year.

The East Lansing City Council passed local rules allowing for dispensaries in November.

But between the application process and construction timelines, many of the companies vying to open one inside the city limits likely would not be able to until late this summer or fall.

As of Monday afternoon, the city's planning department had seven pending applications for the special-use permits that will allow dispensaries to operate in East Lansing, according to city Planning and Zoning Administrator David Haywood.

Seven companies have asked to open dispensaries at locations across the city:

- 1054 E Grand River Ave.: LL Grand Inc.
- 1100 E Grand River Ave.: DNVK1, LLC

■ 1108 E Grand River Ave.: ABCD Properties, LLC

■ 1234 E Grand River Ave.: CA-East Lansing, Inc.

■ 1415 Michigan Ave.: JRC, LLC

■ 1950 Merritt Rd.: RJB Enterprises, LLC

■ 3318 to 3332 West Rd.: Green Peak Industries, LLC

The city's planning commission recommended city council approve three of those, he said — the locations on Michigan Avenue and Merritt Road and at 1100 E Grand River Ave.

Those three applications are set for introduction to the city council on Feb. 12 and a public hearing on March 26, Haywood said. The council could take action on any of them as soon as the night of the public hearing.

There's, with the exception of 1234 E. Grand River Ave., one up for discussion at the planning commission on Feb. 13 and could also make it to the council's March 26 agenda, he said. The application from CA-East Lansing at 1234 E. Grand River is too new to make it onto an agenda yet, he said.

**East Lansing's rules regulating dispensaries don't set a hard cap on the number that can operate citywide but do limit how close they can be to one another in four zoning areas.**

**When?**

Approval wouldn't mean an immediate opening, though. Most of the applications include plans for remodeling that call for at least a few months of construction. The bottom line, Haywood said, is that "there's enough time for them to be opened yet in 2019."

**How many and where?**

Not all of those seven dispensaries can realistically get approval to operate.

That's because the city's rules regulating dispensaries don't set a hard cap on the number that can operate citywide but do limit how close they can be to one another in four specially-created zoning areas known as overlay districts.

These districts include:

■ Land zoned for "B2" retail use south of Michigan Avenue and west of Brody Road

■ Land bounded by Abbey and Coolidge roads, east of U.S. 127 and south of the city's Office Industrial Park district

■ An area near Costco, bounded by Park Lake, Haslett and Merritt Roads

■ The East Village area, including land south of Grand River Avenue between Cedar Street and Hagadorn Road

Because the districts are small — most cover only a few blocks — and dispensaries must be located at least 1,000 feet from each other and from a school, daycare or liquor store, the rules effectively limit the total number to about four to six, Haywood said.

Only two areas — the one including Coolidge Road and the East Village — have enough room for two to locate in the same district, he said.



# Man sentenced for 17 home invasions across Clinton County

**Kara Berg**  
LansingStateJournal.com  
USA TODAY NETWORK - MICHIGAN

**ST. JOHNS** — A Lansing man who committed 17 home invasions while he was free on bond for a bank robbery was sentenced to prison.

Gregory Schulz, 31, will spend a minimum of 15 years in prison for crimes committed in Eaton and Clinton counties.

Schulz was sentenced Monday in Clinton County on the home invasions, which took place from July to September throughout the county. He apologized to all of the victims, several of whom were in court Monday for his sentencing.

"I know I have to pay for what I've done," Schulz said. "I don't have another chance, I know it."

Ronald Zawacki, Schulz's attorney, said once Schulz started using heroin,

things went downhill for him and he began breaking into houses.

He was out of jail on bond in Eaton County when he committed the home invasions, and was wearing an electronic tether.

"It's clear you made a choice in the past not to take the opportunity to change your conduct," Clinton County Circuit Court Judge Randy Tahvonon said. "The likelihood of lasting change is debatable."

Schulz invaded the homes of 17 people, "the one place where you should be able to feel safe and secure," Tahvonon said. That can change someone's whole way of looking at the world, he said.

Rochelle Baron-Wong, who spoke Monday at Schulz's sentencing, said Schulz broke down her front door and stole virtually every piece of jewelry she



Gregory Schulz

owned.

"He's had plenty of time in jail to turn his life around, but he has not," Baron-Wong said Monday.

Holly Phinney, who also spoke Monday at the sentencing, said she had come home late after sitting at a hospital as her husband had surgery. She realized someone had broken in and took some of her jewelry.

Once police came, she found out Schulz had hit just about every township in Clinton County. It made her nervous, knowing someone had been in her home.

"As for feeling safe in the house, I don't anymore," Phinney said.

**The sentence**

In Eaton County, Schulz was sen-

lenced to 10 to 20 years for bank robbery and unarmed robbery in November.

In Clinton County, for 17 home invasions, he was sentenced to:

■ 5 to 15 years for one count, served after his Eaton County sentence is finished

■ 8 to 15 years for four counts, at the same time as the Eaton County sentence

■ 10 to 20 years for one count, at the same time as the Eaton County sentence

■ 12 to 20 years for 11 counts, at the same time as the Eaton County sentence

In all, Schulz will serve 15 to 35 years in prison for the Eaton and Clinton county crimes.

Contact Kara Berg at 517-377-1133 or kberg@lsj.com.

# Obituaries

**Lilian Isabel Lavery Toomey**

**LANSING** - Lilian Isabel Lavery Toomey - Born to Thomas R. and Lilian I. Lavery in Toledo, Ohio in 1945, peacefully passed away February 10th, 2019 at her home in Lansing, MI. Lilian will forever be remembered for the unconditional love and compassion that she gave to her family and friends.



Her three sons Simon, Adam and David were able to build happy and successful lives due to her endless encouragement, patience, wisdom, gentleness and stability as they grew and found their paths in life. She was the embodiment of maternal love and will always be in the hearts of those who were blessed to know her.

Lil is survived by her beloved sons Simon, Adam (Sarah), and David, as well as two cherished grandchildren, Oliver and Mae. She is also survived by her siblings Betty Lou (Dr. Timothy) Hickey, Thomas L., William W. (Donna), and Robert A (Gloria). She is preceded in death by her sister Barbara, her parents and nephew Matthew Hickey.

A service will be held to honor her life on Saturday, February 16th at Tiffany Funeral Home at 2 pm. The service will be preceded with a visitation at 1 pm.



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Leave your information and a description of the issue and the next available representative will call you back rather than waiting on hold.



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[help.lansingstatejournal.com](http://help.lansingstatejournal.com)

1 CLAIM, DEMAND, ACTION, LEGAL REDRESS, OR RECOURSE AGAINST THE  
2 CITY OF LANSING, ITS ELECTED AND APPOINTED OFFICIALS AND ITS  
3 EMPLOYEES AND AGENTS FOR ANY CLAIMS, DAMAGES, LIABILITIES, CAUSES  
4 OF ACTION, DAMAGES, AND ATTORNEY FEES THE APPLICANT MAY OCCUR AS  
5 A RESULT OF THE VIOLATION BY APPLICANT, ITS OFFICIALS, MEMBERS,  
6 PARTNERS, SHAREHOLDERS, EMPLOYEES AND AGENT OF THOSE LAWS,  
7 RULES, AND REGULATIONS AND HEREBY WAIVES, AND ASSUMES THE RISK  
8 OF, ANY SUCH CLAIMS AND DAMAGES, AND LACK OF RECOURSE AGAINST  
9 THE CITY OF LANSING, ITS ELECTED AND APPOINTED OFFICIALS,  
10 EMPLOYEES, ATTORNEYS, AND AGENTS.  
11  
12

13 (25) AS IT RELATES TO A MEDICAL MARIHUANA GROWER FACILITY, THE  
14 FOLLOWING ADDITIONAL ITEMS SHALL BE REQUIRED:  
15

16 (I) A CULTIVATION PLAN THAT INCLUDES, AT A MINIMUM, A  
17 DESCRIPTION OF THE CULTIVATION METHODS TO BE USED, INCLUDING  
18 PLANS FOR THE GROWING MEDIUMS, TREATMENTS, AND / OR ADDITIVES;  
19

20 (II) A PRODUCTION TESTING PLAN THAT INCLUDES, AT A MINIMUM, A  
21 DESCRIPTION OF HOW AND WHEN SAMPLES FOR LABORATORY TESTING  
22 BY AN INTERNATIONAL ORGANIZATION FOR STANDARDIZATION  
23 ACCREDITED TESTING FACILITY WILL BE SELECTED, WHAT TYPE OF  
24 TESTING WILL BE REQUESTED, AND HOW THE TEST RESULTS WILL BE  
25 USED;  
26

27 (III) AN AFFIDAVIT THAT ALL OPERATIONS WILL BE CONDUCTED IN  
28 CONFORMANCE WITH THE MMMA, THE MMFLA, MTA AND OTHER  
29 APPLICABLE STATE LAW;  
30

31 (IV) A CHEMICAL AND PESTICIDE STORAGE PLAN THAT STATES THE  
32 NAMES OF THE PESTICIDES TO BE USED IN CULTIVATION AND WHERE AND  
33 HOW PESTICIDES AND CHEMICALS WILL BE STORED IN THE  
34 ESTABLISHMENT, ALONG WITH A PLAN FOR THE DISPOSAL OF UNUSED  
35 PESTICIDES;  
36

37 (V) ALL CULTIVATION MUST BE PERFORMED IN A BUILDING. THE  
38 APPLICANT SHALL SPECIFICALLY ACKNOWLEDGE THIS PROVISION.  
39

40 (26) PROOF OF AN INSURANCE POLICY COVERING THE ESTABLISHMENT  
41 AND NAMING THE CITY, ITS ELECTED AND APPOINTED OFFICIALS,  
42 EMPLOYEES, AND AGENTS, AS ADDITIONAL INSURED PARTIES,  
43 AVAILABLE FOR THE PAYMENT OF ANY DAMAGES ARISING OUT OF AN  
44 ACT OR OMISSION OF THE APPLICANT OR ITS STAKEHOLDERS, AGENTS,  
45 EMPLOYEES, OR SUBCONTRACTORS, IN THE AMOUNT OF (A) AT LEAST  
46 ONE MILLION DOLLARS FOR PROPERTY DAMAGE; (B) AT LEAST ONE

1 MILLION DOLLARS FOR INJURY TO ONE PERSON; AND (C) AT LEAST TWO  
2 MILLION DOLLARS FOR INJURY TO TWO OR MORE PERSON RESULTING  
3 FROM THE SAME OCCURRENCE. THE INSURANCE POLICY UNDERWRITER  
4 MUST HAVE A MINIMUM A.M. BEST COMPANY INSURANCE RANKING OF  
5 B+, CONSISTENT WITH STATE LAW. THE POLICY SHALL PROVIDE THAT  
6 THE CITY SHALL BE NOTIFIED BY THE INSURANCE CARRIER THIRTY (30)  
7 DAYS IN ADVANCE OF ANY CANCELLATION.

8  
9 (27) (A) PROOF OF A SURETY BOND IN THE AMOUNT OF \$50,000 WITH  
10 THE CITY OF LANSING LISTED AS THE OBLIGEE TO GUARANTEE  
11 PERFORMANCE BY APPLICANT OF THE TERMS, CONDITIONS AND  
12 OBLIGATIONS OF THIS CHAPTER IN A MANNER AND SURETY APPROVED  
13 BY THE CITY ATTORNEY; OR, IN THE ALTERNATIVE,  
14

15 (B) CREATION OF AN ESCROW ACCOUNT AS FOLLOWS;

16 (1) THE ACCOUNT MUST BE PROVIDED BY A STATE OR FEDERALLY  
17 REGULATED FINANCIAL INSTITUTION OR OTHER FINANCIAL  
18 INSTITUTION APPROVED BY THE CITY ATTORNEY BASED UPON AN  
19 OBJECTIVE ASSESSMENT OF THE INSTITUTION'S FINANCIAL  
20 STABILITY; AND  
21

22 (2) THE ACCOUNT MUST BE FOR THE BENEFIT OF THE CITY TO  
23 GUARANTEE PERFORMANCE BY LICENSEE IN COMPLIANCE WITH  
24 THIS CHAPTER AND APPLICABLE LAW; AND  
25

26 (3) THE ACCOUNT MUST BE IN THE AMOUNT OF TWENTY THOUSAND  
27 (\$20,000) DOLLARS AND IN A FORM PRESCRIBED BY THE CITY  
28 ATTORNEY.  
29

30 (28) ANY OTHER INFORMATION WHICH MAY BE REQUIRED BY  
31 COMMISSION RULE OR CITY COUNCIL ORDINANCE FROM TIME TO TIME.  
32

33 (C) ALL APPLICATIONS SHALL BE ACCOMPANIED BY A LICENSE APPLICATION  
34 FEE IN AN AMOUNT OF \$5,000. SHOULD THE APPLICANT NOT RECEIVE A  
35 LICENSE, ONE-HALF OF THE APPLICATION FEE SHALL BE RETURNED;  
36

37 (D) UPON RECEIPT OF A COMPLETED APPLICATION MEETING THE  
38 REQUIREMENTS OF THIS SECTION AND THE APPROPRIATE LICENSE APPLICATION  
39 FEE, THE CITY CLERK SHALL REFER A COPY OF THE APPLICATION TO EACH OF  
40 THE FOLLOWING FOR THEIR APPROVAL: THE FIRE DEPARTMENT, THE BUILDING  
41 SAFETY OFFICE, THE POLICE DEPARTMENT, THE ZONING ADMINISTRATOR, AND  
42 THE CITY TREASURER.  
43

44 (E) EXCEPT AS PROVIDED IN SECTION 1300.18 NO APPLICATION SHALL BE  
45 APPROVED UNLESS:  
46

## Riley Millard

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**From:** Brett Dreyfus  
**Sent:** Thursday, March 14, 2019 3:21 PM  
**To:** Riley Millard  
**Subject:** FW: redi ride contract

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

**From:** David Matisoff [mailto:dmatisoff@gmail.com]  
**Sent:** Thursday, March 14, 2019 12:09 PM  
**To:** Township Board <Townshipboard@meridian.mi.us>  
**Subject:** redi ride contract

in business there are winners and losers competition usually determines whats best not mandatory contracts or monopoly especially since the prior track record is so poor thnx david matisoff md 2170 long leaf trail okemos

Sent from my iPhone

## Riley Millard

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**From:** Brett Dreyfus  
**Sent:** Thursday, March 14, 2019 3:22 PM  
**To:** Riley Millard  
**Subject:** FW: OPEN BID

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**From:** Carol B. Levin, M.D. [mailto:carol.levin@me.com]  
**Sent:** Thursday, March 14, 2019 12:35 PM  
**To:** Township Board <Townshipboard@meridian.mi.us>  
**Cc:** Carol Levin <carol.levin@me.com>  
**Subject:** OPEN BID

I want the Board to support an open bid process for transportation services and thus what the term “transportation provider” to be used on the millage ballot for flexibility. A monopoly is not good for our special needs residents. It’s time for more flexibility. CBL

---

Carol B. Levin, M.D.  
2147 Commons Parkway  
Okemos, MI 48864  
[carol.levin@me.com](mailto:carol.levin@me.com)  
O-517.381.0496  
F-517.337.1677  
M-517.256.7039

## Riley Millard

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**From:** Brett Dreyfus  
**Sent:** Thursday, March 14, 2019 3:22 PM  
**To:** Riley Millard  
**Subject:** FW: Our family objects to sole source RediRide contracts

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

**From:** Deborah Weiland [mailto:deborahweiland@gmail.com]  
**Sent:** Thursday, March 14, 2019 2:10 PM  
**To:** Township Board <Townshipboard@meridian.mi.us>  
**Subject:** Our family objects to sole source RediRide contracts

Our family objects to sole source RediRide contracts and asks the Meridian Township board to support the Redi-ride millage providing for an open bidding process for transportation.

Deborah and Steven Weiland

## Riley Millard

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**From:** Karla Hudson <hudson.kc@live.com>  
**Sent:** Friday, March 15, 2019 10:15 AM  
**To:** Board  
**Cc:** Township Board  
**Subject:** For the board packet: A riders experience

Dear Township board,

This is one sample of challenges. Fortunately, I have the financial resources and technical skills (Smart phone) to deal with the problem when public transportation fails. Consider a senior citizen or Individuals with a developmental disability being placed in this situation.

Karla Hudson

**From:** Karla Hudson  
**Sent:** Monday, October 1, 2018 9:56 PM  
**To:** Brad Funkhouser <BFunkhouser@cata.org>; Craig Frazier <CFrazier@cata.org>; 'Frank Walsh' <walsh@meridian.mi.us>  
**Cc:** Donna Rose <wild-rose@sbcglobal.net>; 'Dan Opsommer' <opsommer@meridian.mi.us>; 'Ronald Styka' <styka@meridian.mi.us>  
**Subject:** Evening Redi-ride experience and CATA scheduling staff interaction

Hello,

I want to recount for you all my evenings experience with Redi-ride and CATA scheduling staff. Let me start by saying this needs improving because if it is happening to me I can only guess it has happened to others who do not have the advocacy skills to speak up for the problems with transportation.

I had this evening a "window" of 5:35/5:50 needing to be at the Community Music school on Hagadorn at 6:25.

I wait with my son who I am taking to piano lesson. At the end of the "window" at actually 5:51 I phone CATA to see where my ride might be and if it might be coming soon. Upon calling the number and choosing the option that individuals use when they are having ride difficulties I am put on hold for about 13 minutes attempting to find out where the ride is and how much longer I must wait. When I do reach the individual at CATA I have difficulty hearing his name. I ask him if he can tell me about my ride and he indicates that it will be another 15 minutes, (now approx.. 6:03). I ask if he knows if I will be going right to my destination once I am picked up. He indicates not really knowing and that I will need to work that out with the driver. So the writing is on the wall I am not going to make it to my child's lesson unless I take care of my transportation myself. I obtain a Lyft and am off to the music school by 6:12. Still know CATA Redi-ride to be found. I attempt to do the responsible thing and call CATA back to let them know I have found another option and to alert their Redi-ride driver of the fact. I am rewarded by being put on hold for another approximately six minutes. Upon again getting the individual at CATA who I still am unable to understand his name I do inform him that I feel the staff is doing a "terrible job." He begins to tell me that he can't do anything about the drivers. I attempt to explain to him that I just want him to alert the Redi-ride driver that I no longer need the ride. In the midst of this conversation I sense that he might be a little confused about what service I am referring to as he states something like "Oh, you were talking about Redi-ride in sort of a vague tone. He also is very irritated that I am "insulting" his way of managing my needs given

my comment about doing a “terrible job.” Instead of using some customer service skills with my obvious frustration with long holds and a ride that did not show up he hangs up on me.

Once my son is settled in his lesson I decide to call back to CATA as I am concerned that the scheduler I have been speaking with thinks I want to cancel my return trip on SpecTran at 7:07PM given his vague response to my request to cancel Redi-ride in our previous conversation. I attempt to phone him several times and he argues with me, indicates that I am insulting him when I ask for his name as I suggest to him I did not understand his name in prior conversation as he mumbles and have the experience of having him hang up on me several times. Furthermore, “Chuck” (I finally learned his name) never does tell me if my ride is still scheduled and Chuck suggests “you can just go look up the time yourself.” In one of my phone calls with him I request to speak to a supervisor. He suggests that I should know that such a person is not available in the evenings. Really! We are paying so much more for transportation and a dissatisfied customer does not have any options to speak to some person of authority.

By the way, my daughter indicated that she saw the bus go by our home at about 6:22. So much for communicating to the driver that we no longer needed that ride. There is so much wrong with all that happened this evening. A ride that came about 47 minutes after the “window”, long hold times and scheduling staff that have no customer service skills. I am amazed that the old problems of the past with CATA are continuing to creep back in to the system. We have all had great hopes that with new leadership and increased funding we would not see ugly situations such as what happened this evening continue to occur. Over the past week I have not only had this experience this evening but attempted to schedule rides the day before and really struggled to get the rides I needed and actually never did achieve a ride in the 3:00/4:00 time slot even though I planned a day in advance. I can only guess I was competing with the school students again and issue that just seems to drag along with nobody addressing that problem either.

So now we have doubled the price on Redi-ride and we are still having the same challenges as before. The capacity problems still exist as demonstrated by my struggle to get rides even with planning the morning before. A Redi-ride service that is unable to meet the scheduling as demonstrated by my experience this evening. Even the ride times I am given to go to the music school seem ridiculous as I make these rides days in advance and I am usually given a “window” almost an hour prior to my drop off need when the music school is a ten minute drive from my home. Again, how great this is all working with all the new money flowing around. Meanwhile, the state workers are getting free bus service but we in the township, the persons with disabilities and the senior citizens can hardly get a ride and have to pay double the price. Keep in mind I only use this service at most one time a week and this is the experience I get so consider what this might be like for the everyday rider.

Regards,

Karla Hudson

## Riley Millard

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**From:** Karla Hudson <hudson.kc@live.com>  
**Sent:** Friday, March 15, 2019 10:16 AM  
**To:** Board  
**Subject:** FW: For the board packet,: Partner ships do happen in transportation

**From:** Karla Hudson  
**Sent:** Friday, March 15, 2019 9:20 AM  
**To:** 'townshipboard@meridian.mi.us' <townshipboard@meridian.mi.us>  
**Subject:** For the board packet,: Partner ships do happen in transportation

Dear Township Board,  
One of many articles distributed to the Transportation Commission.  
Engadget - Tuesday, November 20, 2018 at 1:26 PM

# Uber enlists outside help to improve wheelchair-accessible rides

SIPA USA/PA Images

Uber has found itself in [hot water](#) multiple times over its lack of wheelchair-accessible vehicles (WAVs), and now it's teaming up with another company in order to better serve passengers with disabilities. It's partnering with MV Transportation, a company that provides paratransit services across the US and Canada, and is bringing MV Transportation's WAV fleet to eight cities.

Uber riders needing a WAV in New York City, Boston, Philadelphia, Chicago, Toronto and Washington, DC will be able to book one through Uber in 15 minutes or less on average. And over the next year, Uber aims to provide WAV transportation with similar wait times in San Francisco and Los Angeles as well. The company says that these eight cities account for half of all Uber trips in North America.

Uber has [been sued multiple times](#) for failing to accommodate passengers with disabilities. Rival Lyft [has faced](#) lawsuits as well.

Uber says that MV's WAVs are operated by drivers who have been trained in safe wheelchair securement and it's working to ensure WAV trips don't cost more than a comparable UberX trip. "We're committed to making accessibility a meaningful part of what we do, and we're proud to be doing our part to enable improved access to transportation for people with disabilities," Uber CEO Dara Khosrowshahi [said](#). "We know there is still a long way to go -- and that we're at the beginning, not the end, of this journey."

150 Shares

<https://www.engadget.com/2018/11/20/uber-enlists-help-improve-wheelchair-accessible-rides/>

## Riley Millard

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**From:** Karla Hudson <hudson.kc@live.com>  
**Sent:** Friday, March 15, 2019 10:19 AM  
**To:** Board  
**Subject:** FW: For the Board packet, creative transportation options

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**From:** Karla Hudson  
**Sent:** Friday, March 15, 2019 9:11 AM  
**To:** 'townshipboard@meridian.mi.us' <townshipboard@meridian.mi.us>  
**Subject:** For the Board packet, creative transportation options

## Detroit's City Bus System To Partner With Lyft To Get Riders To Late Night Jobs

May 8, 2018 by Jer Staes

A pilot program in the city of Detroit might show the way of the future, combining mass transit with on-demand ride sharing services.

The program, called “Woodward 2 Work,” will offer a \$7 Lyft credit to Detroit Department of Transportation (DDOT) riders who use select bus stops along the 53 Woodward route on weekdays, between the hours of midnight and 5 a.m.

It starts today — May 8 — and is limited to the first 2,000 rides.

Riders who want to get a Lyft through the pilot program must text “W2W” to 313-456-9328 and they’ll receive a \$7 Lyft credit. The credit will only be available on weekdays between 12 a.m. and 5 a.m. and the pick-up or drop-off location must be on Woodward Avenue between Grand Boulevard and Woodland Street and between McNichols Road and Eight Mile.

You must use a debit card, credit card, or prepaid card with a balance greater than \$25 to book the trip.

“Fixed route service is always going to be at the core of how we move our residents to jobs, school, and services,” said Mark de la Vergne, Detroit’s Chief of Mobility Innovation. “This pilot project is our first step towards understanding how we can complement fixed route service with private providers to expand the mobility for Detroiters. We are eager to learn from this initial pilot how DDOT can integrate these types of innovation to make it as easy and affordable for residents to get around Detroit.”

Under Mayor Mike Duggan and after bankruptcy, the city has made investments in the bus system. They’ve added six express routes, ten 24-hour routes and, according to the city, more than 100 new buses.

[Facebook](#)[Tweet](#)[LinkedIn](#)

## Lyft riders spend additional \$37M in Detroit economy

Posted: 12:18 PM, Jan 24, 2019

DETROIT (WXYZ) — Lyft announced its annual Economic Impact Report Thursday in Detroit, revealing how riders have affected the city over the past year.

The report found in 2018 Lyft riders spent an additional \$37.3 million in the Detroit economy. Last May, Lyft and DDOT launched a pilot program to help get riders to and from work.

*“Every day, people are using Lyft in Detroit as a way to connect with their community, support local businesses, and commute more efficiently. This is having a dramatic and real impact on our city by enabling riders to move around seamlessly and drivers to earn on their own time,” said Lyft Detroit General Manager Elliot Darvick. “As Lyft works to better knit together North American cities, including through bikes and scooters, we hope to continue to find new ways to invest in the local Detroit economy.”*

### **Here are a few highlights from Lyft's 2019 Economic Impact Report:**

- 46% of riders explore more areas of their city as a result of using Lyft
- 96% of drivers say <sup>[L]</sup><sub>[SEP]</sub>a flexible schedule is very <sup>[L]</sup><sub>[SEP]</sub>or extremely important.
- 36% of riders spend more at local businesses as a result of using Lyft
- 77% are less likely to drive substance impaired due to the availability of Lyft
- 91% drive fewer than 20 hours per week
- 46% of vehicle owners use their cars less because of Lyft.
- 39 % of healthcare riders state that without Lyft they would be less likely to make it to their appointments regularly.

## **Columbia SC COMET buses raise fares, partner with Uber, Lyft | The State in Columbia, SC**

### **er and Lyft partnerships**

The COMET recently began a new collaboration with Uber and Lyft aimed at meeting some public transportation needs for less than the cost of running buses.

Now, from 9 p.m. to 3 a.m. any night of the week, you can get \$5 off an Uber or Lyft ride within The COMET's service area. To get the discount, you must use a code that is only displayed inside COMET buses. The aim of this discount is to serve people traveling to and from jobs after the buses stop running for the night, Andoh said.

“It's cheaper for us to subsidize a program like this than it is for us to run full bus routes” at odd hours when there aren't many riders, Andoh said. “We had nighttime service before, and not enough people rode it. So we canceled it.”

The COMET is offering the same \$5 off deal for bus riders who take an Uber or Lyft ride to or from a local grocery store within The COMET's service area between 6 a.m. and 10 p.m. any day of the week. Riders can get this discount by using the promo code COMETMARKET18 only for trips that begin or end at an approved grocery store. A list of stores is available at [www.catchthecomet.org](http://www.catchthecomet.org).

## **Bikeshare partnership**

Starting Jan. 1, COMET bus riders can get a promotional code from their bus drivers for a free 45-minute ride on one of downtown Columbia's new bikeshare Blue Bikes.

This discount is aimed at closing the gap between the nearest bus stop and a traveler's actual starting or ending location, Andoh said.

And because the discount code can only be obtained from a bus driver, the bikeshare partnership is also hoped to increase bus ridership, Andoh said. As bus ridership increases, The COMET becomes eligible for more federal funding, Andoh said.

The COMET also plans to partner with the Blue Bike program to expand the number of bikeshare stations across downtown and into West Columbia and Cayce.

## Riley Millard

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**From:** Karla Hudson <hudson.kc@live.com>  
**Sent:** Friday, March 15, 2019 10:19 AM  
**To:** Board  
**Subject:** FW: for the board packet, Community response Transportation provider

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**From:** Karla Hudson  
**Sent:** Thursday, March 14, 2019 6:25 PM  
**To:** 'townshipboard@meridian.mi.us' <townshipboard@meridian.mi.us>  
**Cc:** 'Brett Dreyfus' <dreyfus@meridian.mi.us>  
**Subject:** for the board packet, Community response Transportation provider

**Dear Township board,**

After viewing the meeting of March 5 I extracted emails from the August 24, 2017 Transportation Commission packet. Seems as some on the board believe that the issues surrounding the Need to designate “transportation provider” in the next millage is isolated to four individuals in the township. In the August 2017 TC packet you would find even more letters than I have copied here. I apologize for any formatting issues as I have scan these documents in order to access them with my screen reader so sorry in advance for any formatting challenges. I wanted to provide you with these as they demonstrate that community is concerned about this issue and would hope that you would consider the “will” of the people in your decision making. I also want to clarify that during the Transportation Commission meeting no other transportation vendors other than CATA presented at the meetings. Yes, the Michigan Public Transportation Association came to the meeting to present new and innovative transportation ideas occurring around the state. As the only user of the transportation services I hoped that we might here from other providers. When new leadership started at CATA I hoped that they would provide us with a “sales pitch” outlining new options for Redi-ride but we never had such a presentation. I suspect now that there is another agenda happening with this issue so that is the reason for the lack of discussion regarding other transportation options. During that time I did produce articles describing how other communities handled trying various pilot programs with Uber and Lyft type services. I also offered up grant options that communities such as one like Meridian Township might be eligible for increased financial assistance to improve local transportation. The meetings we did have to improve transportation consisted of a series of meetings on grants to extend the hours of our service. This resulted in a doubling of the fares to maintain the extended hours of Redi-ride. I agreed to these grants with the reassurance by others that these would not tie us to CATA when the topic of changing providers came forward in 2019. In creating the Transportation Commission recommendation to pass to the board some suggested that by not going with CATA we would now be jeopardizing the Grants that provide for the extended hours. Just as I had feared this definitely impacted some of the TC members vote to not add the need for “transportation provider” to the recommendation that would be passed to the board. Although over my time on the Transportation Commission I continued to ask how we were going to address “renewal” versus “New” millage I never seemed to get traction on that discussion. Again, as I feared now the Township Board indicates there is not time to do something different related to other transportation options.

I would encourage you to review previous minutes from both the Transportation Commission and the Township board related to this topic. The Residents who use the service and the tax paying citizens deserve a thorough review by you all and further deliberation before you make a decision on the debate regarding how the millage will be brought to the voters.

**Regards,**

**Karla Hudson**

**From:**  
**Sent:**

To:

Subject:

Allan Falk < [falklaw@comcast.net](mailto:falklaw@comcast.net) > Wednesday, July 19, 2017 11:06 AM Mark Kieselbach

Redi Ride 5-year plan—dump CATA

To: Meridian Transportation Comm'n Mark Kieselbach

Director of Community Planning and Development

Gentlepersons:

I write to protest the plan to make CATA the sole Redi-Ride source for seniors over the next 3-5 years (or 3-5 nanoseconds for that matter). Over the past many years of sucking up Meridian Township tax dollars in exchange for terrible service at inflated prices, CATA has proved itself unworthy of even being *allowed* to provide senior transportation in Meridian, still less to be granted exclusive right to continue plundering the Meridian public fisc. As trustees and stewards of Meridian transportation funds, you owe it to your public to recognize that CATA has failed miserably to provide adequate service, or to provide any service at a fair price. CATA ought to be disqualified from consideration for any such role.

It is unusual for me to take a position in favor of private enterprise and against government service—usually privatization of public services leads to poorer service at higher prices. But in this instance we have years of experience demonstrating that CATA cannot fulfill Meridian's needs or do so (inadequately) at a reasonable cost. Private transportation services such as Dean are providing better service at a lower price, and must be given fair opportunity to do what private enterprise always does—compete for Meridian's patronage. As a taxpayer and a senior (albeit a senior who does not yet need anyone else to act as chauffeur) living in Meridian for more than 25 years, I voted repeatedly for the transportation millage in expectation that our seniors who need such assistance will be well served at little or no out of pocket cost to themselves; I find that my expectations have been wholly frustrated by CATA's monopoly and atrocious service at inflated prices and related predations of our senior community's limited dollars.

It is understandable that the Commission may be concerned about some private services, such as Uber and Lyft, whose drivers usually will not have commercial operators' licenses, or ID posted inside their vehicles (as taxis would). But surely this is a simple regulatory problem easily addressed—just allow only CDLs to be subsidized with our public funds, and require drivers to register and establish their bona fides. Permitting CATA to continue plundering our resources while leaving our needy seniors underserved would be a travesty when there are superior alternatives readily available.

This is most definitely not a problem that requires "further study"—we have ample proof of CATA's incompetence and inefficiency over (too) many years. Our seniors ought not suffer while bureaucrats waffle; there comes a time to bite the bullet, cut our losses, stop throwing good money after bad, and take a new direction. That time is NOW.

Allan Falk

2010 Cimarron Dr.

Okemos, MI 48864-3908

From:

**Sent:**

**To:**

**Subject:**

Elizabeth Kaufman < [kaufmanea@gmail.com](mailto:kaufmanea@gmail.com) > Wednesday, July 19, 2017 4:14 PM Mark Kieselbach Redi Ride

Dear Mr. Kieselbach, We are writing to support the use of competitive bidding for the upcoming Redi Ride renewal. The current service from CATA has been spotty and expensive, and competitive bidding is expected practice.

Sincerely,

Donald and Elizabeth Kaufman Haslett

**From:**

**Sent:**

**To:**

**Cc:**

**Subject:**

Pzang4920 < [pzang4920@aol.com](mailto:pzang4920@aol.com) > Thursday, July 20, 2017 11:56 AM Mark Kieselbach [Hudson.kc@live.com](mailto:Hudson.kc@live.com).

To: Meridian Transportation Commission c/o

Dear Meridian Transportation Commission,

As you debate the fate of Meridian Redi-Ride, I would like you to take into consideration that many residents like my wife, Paula, and me have lived and paid taxes in this township for over 30 years. We feel that our tax dollars have helped build this community into a safe and desirable place to live. As we grow older and transition into retirement and fixed incomes, services like Redi-Ride are now more attractive than ever. My wife has been disabled for 17 years with MS and she would need accessible and affordable transportation services. The current draft recommendation to list CATA as the sole transportation provider eliminates competitive options for us as residents and I urge you to change the language in Meridian Transportation Commission Recommendation on Redi-Ride Service Program draft from naming CATA as the sole provider to "transportation provider."

Thank you,

Paul and Paula Zang 4920 Chipping Camden Lane Okemos, MI 48864

**Mark Kieselbach**

Christine Goodrick Beavers < [cqbeav777@gmail.com](mailto:cqbeav777@gmail.com) >

**From:**

**Sent:**

Thursday, July 20, 2017 1:41 PM

**To:**

Mark Kieselbach

**Cc:**

Ron styka; Frank Walsh

**Subject:**

Redi Ride Contract

I have had first hand experience with Redi ride and was surprised and disappointed at what they do not do for people with disabilities. For them to promote themselves as such is a disservice to citizens that really need help. After all the information that has come out about Cata from the disabled you need to pause and take another look at the service we are paying for and compare it to other providers.

My husband is a paraplegic with minimal communication skills. He continues with various rehabs and works with a trainer at the MAC and has done so for six years. During a particular tough winter storm I called Redi Ride thinking a van would be a little easier and there would be someone to help me get him safely down the ramp. When I called them I learned they do not come up the drive or assist people with canes, walkers or wheelchairs. They sit at the curb and watch people maneuver through snow, sleet and rain. So this is your image: a person who had knee or hip surgery, using a walker, trying to go down front stairs slowly shuffling down the driveway in the snow or rain to the van. And a person sitting at the wheel or leaning against the van watching them but not offering any assistance. And for this you are willing to pay \$23.00. Well, I passed on Redi Ride because for \$22.00 you can have an aid that will take you from the house to rehab and return him safely to the living room.

I understand liability but you have to tell the truth about the services that are provided and not provided. I would never pay anyone

\$23.00 for driving a van 5 miles without assuring the safety of the person. I do think all of their clients need the level of help my husband and I did but thank goodness I called ahead of time and asked questions otherwise we would have been stuck. Do not say they provide services for the disabled just to get a "yes" vote.

I think some of you should spend time in a wheelchair, with a walker, blinding yours eyes to understand the struggles people with disabilities have in this country. You cannot speak to any of these issues if you have not been there yourself. Therefore you must listen to the people that face these every day. It is time to treat people with respect and get the best transport available and I do not think it is Redi Ride.

Sincerely,  
Christine Goodrick Beavers

### **Mark Kieselbach**

**From:** Schiamberg, Lawrence <[schiambe@hdfs.msu.edu](mailto:schiambe@hdfs.msu.edu)> Thursday, July 20, 2017 3:12 PM Mark

Kieselbach [Hudson.kc@live.com](mailto:Hudson.kc@live.com)  
Proposed Meridian Township renewal Millage

**Sent:**  
**To:**  
**Cc:**

**Subject:**

Mark  
Kieselbach

July 20, 2017

ite3OTTrT5@

Meridian Transportation

Commission

Director of Community Planning and

Development

Meridian

Township

Okemos, Michigan

Mr. Kielselbach:

As a resident of Meridian Township, I am writing to request that, for the proposed Meridian Township renewal Millage, CATA not be designated as the exclusive or automatic recipient of all Redi Ride funding for seniors or disabled individuals. There are several reasons for this request:

» Competitive bidding/ Contract specifications and ensured accountability. Township purchasing rules require competitive bidding for acquiring goods and services exceeding \$5,000. In the spirit of fiscal responsibility, such competitive bidding obviously allows for 1) selection of a best bid or bids from qualified transportation providers and, as well, the

development of guidelines for defining qualified transportation providers in advance and 2) for ensuring accountability through specific contract outcome expectations for providers.

- **Open market options.** The need for competitive bidding is further supported by data which indicate the high cost and poor quality, in general, for CATA ride provision compared to other possible transportation providers (e.g. Uber, Dean Transportation). Open/free market options are available which can be seriously considered in a bidding process.
  - **Fiscally sound investment in older adult/disabled transportation needs.** As an MSU faculty member with expertise in gerontology and aging, I would emphasize what many may already know—one of the most challenging, sometimes demoralizing, circumstances for seniors is the loss of self-provided transportation. In turn, I think it essential that Meridian Township invest in the efficient and economical provision of transportation services for seniors and the disabled. As a political Independent, I would urge, without apology, that open market privatization be considered as all or part of the funding mechanism for Redi Ride.
- I thank you for the opportunity of offering suggestions for your deliberations.

Best regards,

L. Schiamburg

**Mark Kieselbach**

**From:** Benjamin Amber <[benamber@gmail.com](mailto:benamber@gmail.com)>  
**Sent:** Thursday, July 20, 2017 3:53 PM  
**To:** Mark Kieselbach  
**Cc:** [Hudson.kc@live.com](mailto:Hudson.kc@live.com)  
**Subject:** Meridian Redi Ride planning

**|| JUL 20 2017 btSCJEDTTtS**

I'm concerned that Meridian Township is considering locking in from 2019 - 2023 with Redi Ride thru CATA with no other options.

Things are changing fast. Two examples:

1) For safety's sake and to keep me behind the wheel longer, I purchased a new car in 2016 that has driver assist, lane change warnings, automatic backup and emergency braking along with variable speed control. Yes, I'm over 65.

We are rapidly moving into uncharted waters as to transportation. My hope is that my next car will pretty much drive itself.

It may not be prudent for the Township to lock in with any vendor for so long.

The transportation world in 2023 will likely be unrecognizable from today.

2) My son drives for Lyft, a ride hailing service. He tells me that he is making a good living earning on average \$600 for a thirty hour week. He also reports that most of his fares are under \$15. Many under \$6.

This makes me think that to lock into a contract with CATA at \$23 per 3-5 mile shared ride would be like throwing money away!

I urge the Meridian Transportation Commission to slow down, not act at this time, study this further and consider this rapidly changing world of transportation.

Please look deeply for the wisest way to spend these millions of taxpayer dollars that gives us the most bang for the buck.

Sincerely,

Ben Amber East Lansing, MI

## Riley Millard

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**From:** Michelle Prinz  
**Sent:** Friday, March 15, 2019 10:20 AM  
**To:** Riley Millard  
**Subject:** FW: transportation providers

Michelle Prinz  
Executive Assistant  
prinz@meridian.mi.us  
W 517.853.4258 | F 517.853.4251  
5151 Marsh Road | Okemos, MI 48864  
meridian.mi.us

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

From: Madeleine Lenski [mailto:madeleine.lenski@gmail.com]  
Sent: Friday, March 15, 2019 10:01 AM  
To: Township Board <Townshipboard@meridian.mi.us>  
Subject: transportation providers

To Meridian township board,  
I'm writing to ask you to list generic "transportation providers" rather than specifying "CATA" services on the upcoming 2019 millage ballot for Meridian Township. This will allow for competitive bidding, reduced costs and alternative ride options for seniors, disabled and other public transportation riders. Public transportation affects us all, it is a regional issue that needs creative and affordable solutions. Thanks for allowing the flexibility needed to solve these problems.  
Madeleine Lenski  
East Lansing, MI

## Riley Millard

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**From:** Michelle Prinz  
**Sent:** Friday, March 15, 2019 10:21 AM  
**To:** Riley Millard  
**Subject:** FW: 2019 Redi-ride for senior and disabled citizens of meridian township



**Michelle Prinz**  
Executive Assistant  
[prinz@meridian.mi.us](mailto:prinz@meridian.mi.us)  
W 517.853.4258 | F 517.853.4251  
5151 Marsh Road | Okemos, MI 48864  
[meridian.mi.us](http://meridian.mi.us)

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**From:** Koul, Hira [mailto:KOUL@msu.edu]  
**Sent:** Thursday, March 14, 2019 11:12 PM  
**To:** Township Board <Townshipboard@meridian.mi.us>  
**Subject:** 2019 Redi-ride for senior and disabled citizens of meridian township

### **To the Meridian Township Board Members:**

I am writing this email to request you to allow seniors and disabled persons of the Meridian Township more options for their assisted rides. Please support an open bidding process for the transportation service and that the term “transportation provider” be used on the millage for ultimate flexibility. Most of our neighboring townships and cities allow for this.

**Hira L Koul**  
1739 Ann St.  
East Lansing, MI 48823

## Riley Millard

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**From:** Michelle Prinz  
**Sent:** Friday, March 15, 2019 10:21 AM  
**To:** Riley Millard  
**Subject:** FW: 2019 Redi Ride Millage



**Michelle Prinz**  
Executive Assistant  
[prinz@meridian.mi.us](mailto:prinz@meridian.mi.us)  
W 517.853.4258 | F 517.853.4251  
5151 Marsh Road | Okemos, MI 48864  
[meridian.mi.us](http://meridian.mi.us)

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**From:** WALLACE MARKHAM [mailto:wjmark703@comcast.net]  
**Sent:** Thursday, March 14, 2019 4:00 PM  
**To:** Township Board <Townshipboard@meridian.mi.us>  
**Subject:** 2019 Redi Ride Millage

To Whom It May Concern -

I understand that the Township will be voting on millage for this service on March 19th. I object to the idea of a sole source provider (CATA) for contracts for the period 2020-2030. Competitive bidding for services such as this should be done periodically so as to insure the best price for the Township, which is just good public policy.

Wallace J. Markham  
3815 Sandlewood Dr.  
Okemos, Mich. 48813

## Riley Millard

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**From:** Michelle Prinz  
**Sent:** Friday, March 15, 2019 10:21 AM  
**To:** Riley Millard  
**Subject:** FW: Redi-ride contract

Michelle Prinz  
Executive Assistant  
prinz@meridian.mi.us  
W 517.853.4258 | F 517.853.4251  
5151 Marsh Road | Okemos, MI 48864  
meridian.mi.us

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

From: Kaufman, Donald [mailto:kaufmand@msu.edu]  
Sent: Thursday, March 14, 2019 4:10 PM  
To: Township Board <Townshipboard@meridian.mi.us>  
Subject: Redi-ride contract

Dear Board, We are writing to urge you to support wording in the Redi-Ride proposal that is generic, rather than specifying that it must be awarded to CATA. It is inappropriate for a governmental body to limit the options in getting bids for public services, using public funds. An open bidding process, with evaluation of the bidding entities, is the only responsible way to move forward. If CATA turns out to be the best option, that's great—but it should not be specified in the proposal.

Sincerely,

Drs. Donald and Elizabeth Kaufman  
16763 Meadowbrook Dr., Haslett, MI 48840

## **Riley Millard**

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**From:** LEV RAPHAEL <levraphael@comcast.net>  
**Sent:** Thursday, March 14, 2019 3:49 PM  
**To:** Board  
**Subject:** Marijuana dispensaries

To the Board:

I've been living in Okemos for over 30 years and as someone who lives with chronic pain, I support the opening of marijuana dispensaries in Meridian township.

Sincerely,

Lev Raphael

**State University of Murder  
will be out April 7, 2019  
"The Borgias would not be  
bored at the State University  
of Michigan, that snake pit  
of academic politics."  
New York Times Book Review**

**Riley Millard**

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**From:** Kaufman, Gershen <gershk@msu.edu>  
**Sent:** Thursday, March 14, 2019 3:45 PM  
**To:** Board  
**Subject:** Opening Marijuana Stores

I fully support the opening of marijuana stores in Meridian Township.

Gershen Kaufman  
4695 Chippewa Drive  
Okemos, MI 48864

## Riley Millard

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**From:** Justin Stojsih <jstojsih722@gmail.com>  
**Sent:** Thursday, March 14, 2019 10:53 AM  
**To:** Board  
**Subject:** Marijuana Provisioning Centers

Hello,

I'd like to voice my support for the approval of the proposed allowable locations for medical marijuana provisioning centers, possibly with one exception.

Location #6 is the furthest away from any police support. Since these are cash-based businesses, I worry that the distance from MTPD and ICSO, plus its quick access to the freeway make it the most likely target for robbery if such a business were put in here.

I like in the neighborhood behind this proposed location, and would otherwise support this location if there were a stronger police presence in this area.

Thanks,  
Justin Stojsih  
2669 Lupine Dr, Okemos

## Riley Millard

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**From:** Michelle Prinz  
**Sent:** Friday, March 15, 2019 12:10 PM  
**To:** Riley Millard  
**Subject:** Fwd: Redi-ride contract transportation providers

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**From:** lynnawb <lynnawb@aol.com>  
**Sent:** Friday, March 15, 2019 12:08:51 PM  
**To:** Township Board  
**Subject:** Redi-ride contract transportation providers

As longtime Meridian residents, we strongly support changing the options for Redi-ride from the sole provider of CATA to opening it to the competitive bids of other "transportation providers." This will be more financially responsible and hopefully will provide more affordable transportation for seniors and the disabled, people who often can least afford this absolutely necessary service. Please consider our request when you make your decision.

Thank you,  
Tom and Lynn Bartley  
1527 River Terrace Drive

Sent from my T-Mobile 4G LTE Device

## Riley Millard

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**From:** Tze-Lan Sang <tzelan@gmail.com>  
**Sent:** Wednesday, March 13, 2019 5:01 AM  
**To:** Board  
**Subject:** Objection to marijuana in Meridian township

I object to the legalization of the growing and production of medical or recreational marijuana in Meridian township. I do not think that making the marijuana industry legal in Meridian will create a healthy environment for our children. What kind of message would we be sending to our youngsters about drug use and addiction if our township becomes a center for producing marijuana? The younger generation of today is already addicted to cell phones, video games, porn, etc. If you encourage the marijuana industry to take root in Meridian township, all our children will become the first targeted customers down the road (when medical marijuana producers apply for the license to produce recreational marijuana as well). Marijuana will become yet another addiction prevalent among our youngsters. If this happens, how will you hope to encourage students to develop a good work ethic and self-discipline? How will you hope to create productive citizens who can contribute to the economy later on in ways other than growing and selling marijuana and other drugs? This will have a long term negative impact on the economy of not only Meridian but also Michigan (and the United States). If I had known that Meridian would be in danger of becoming a center of marijuana production and of corrupting its school districts, I would not have chosen to buy a house in Okemos and pay the high property taxes. The legalization of the marijuana industry is against the long term economic interests of the majority of the families here in Meridian township. I adamantly oppose it.

Tze-lan Sang  
3717 Fairhills Drive  
Okemos, MI 48864

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Sent from Gmail Mobile

## Riley Millard

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**From:** Kelli Dowling <kellibd@yahoo.com>  
**Sent:** Wednesday, March 13, 2019 8:02 PM  
**To:** Board  
**Subject:** No on Pot Shops

Dear Meridian Board,

Sometimes I scratch my head when I see the things you green light (like the solar panels on that prime spot by the township hall!) but giving the okay for pot shops is a terrible idea. It wouldn't matter where you put them, I think they would be a black eye on the township. Please vote no!

Kelli Dowling

## Riley Millard

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**From:** Chengyin Yao <chengyiny@hotmail.com>  
**Sent:** Wednesday, March 13, 2019 10:21 PM  
**To:** Board  
**Subject:** Marijuana Stores Should Not Be Opened

To Whom It May Concern,

My name is Chelsea Yao and I live in Okemos. I work as a registered Pharmacist with two school aged children, 12 and 17 years old. Regarding the new proposal on marijuana, I strongly disagree with opening Marijuana stores in Meridian township for the following reasons:

1. It will lower the quality of our community.
2. It will make the city unsafe.

We live in a school district with a strong educational programs. The existence of marijuana stores would impose a poor impression on our community, affecting real estate prices, causing our homes values to go down. Okemos would lose attraction to the wealthy. I do not wish our community to be viewed as a cheap place.

If we allow marijuana stores to be opened, it would be difficult to control the amount of consumers purchasing products. I do not wish for drugs to have a negative effect on our community. Slowly our community would become unsafe, and people would start moving out.

Okemos is mainly a resident community for long-term living and raising children, with few big companies and businesses. We should protect the safety and health of our schools as a priority. Opening a marijuana store would impose a negative impression on our children. I'm afraid this would influence our children to inhabitant the drug.

To satisfy a small group of people with marijuana needs, we would be sacrificing our community's high reputation. On niche, okemos is ranked as the #4 best place to live in United States. I wish for the upward progress of our community.

<https://www.lansingstatejournal.com/story/life/2017/04/21/okemos-ranked-no-4-best-places-live/100750394/>

While I understand and respect the need of others in my community who seek marijuana, I believe the opening of marijuana stores in a public busy area would have a negative impact on our community as a whole and the impression on our children growing up.

I know you have worked hard to improve our community, and I believe in the future you will continue to make Meridian Township a better place to live. My family and I thank you for your efforts towards our community.

Sincerely,

Chelsea Yao

## Riley Millard

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**From:** Mei You <youmei@gmail.com>  
**Sent:** Wednesday, March 13, 2019 11:12 PM  
**To:** Board  
**Subject:** Marijuana Stores Should Not Be Opened in Meridian Township

To Whom It May Concern,  
My name is Mei You. I strongly disagree with opening Marijuana stores in Meridian township for the following reasons:

It will lower the quality of our community.  
It will make the city unsafe.

We live in a school district with a strong educational programs. The existence of marijuana stores would impose a poor impression on our community, affecting real estate prices, causing our homes values to go down. Okemos would lose attraction to the wealthy. I do not wish our community to be viewed as a cheap place.

If we allow marijuana stores to be opened, it would be difficult to control the amount of consumers purchasing products. I do not wish for drugs to have a negative effect on our community. Slowly our community would become unsafe, and people would start moving out.

Okemos is mainly a resident community for long-term living and raising children, with few big companies and businesses. We should protect the safety and health of our schools as a priority. Opening a marijuana store would impose a negative impression on our children. I'm afraid this would influence our children to inhabitant the drug.

To satisfy a small group of people with marijuana needs, we would be sacrificing our community's high reputation. On niche, okemos is ranked as the #4 best place to live in United States. I wish for the upward progress of our community.

<https://www.lansingstatejournal.com/story/life/2017/04/21/okemos-ranked-no-4-best-places-live/100750394/>

While I understand and respect the need of others in my community who seek marijuana, I believe the opening of marijuana stores in a public busy area would have a negative impact on our community as a whole and the impression on our children growing up.

I know you have worked hard to improve our community, and I believe in the future you will continue to make Meridian Township a better place to live. My family and I thank you for your efforts towards our community.

Sincerely,

Mei You

2690 Morning Glory Dr.  
Okemos, MI, 48864

## Riley Millard

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**From:** Qun Liu <lq\_msu@yahoo.com>  
**Sent:** Wednesday, March 13, 2019 11:31 PM  
**To:** Board  
**Subject:** Marijuana Stores Should Not Be Opened In Meridian Township

Subject: Marijuana Stores Should Not Be Opened In Meridian Township

To Whom It May Concern,

My name is Qun Liu. I strongly disagree with opening Marijuana stores in Meridian township for the following reasons:

It will lower the quality of our community.  
It will make the city unsafe.

We live in a school district with a strong educational programs. The existence of marijuana stores would impose a poor impression on our community, affecting real estate prices, causing our homes values to go down. Okemos would lose attraction to the wealthy. I do not wish our community to be viewed as a cheap place.

If we allow marijuana stores to be opened, it would be difficult to control the amount of consumers purchasing products. I do not wish for drugs to have a negative effect on our community. Slowly our community would become unsafe, and people would start moving out.

Okemos is mainly a resident community for long-term living and raising children, with few big companies and businesses. We should protect the safety and health of our schools as a priority. Opening a marijuana store would impose a negative impression on our children. I'm afraid this would influence our children to inhabitant the drug.

To satisfy a small group of people with marijuana needs, we would be sacrificing our community's high reputation. On niche, okemos is ranked as the #4 best place to live in United States. I wish for the upward progress of our community.

<https://www.lansingstatejournal.com/story/life/2017/04/21/okemos-ranked-no-4-best-places-live/100750394/>

While I understand and respect the need of others in my community who seek marijuana, I believe the opening of marijuana stores in a public busy area would have a negative impact on our community as a whole and the impression on our children growing up.

I know you have worked hard to improve our community, and I believe in the future you will continue to make Meridian Township a better place to live. My family and I thank you for your efforts towards our community.

Sincerely,

Qun Liu

My contact information and home address:  
lq\_msu@yahoo.com  
616-777-7388

2690 Morning Glory Dr.  
Okemos, MI 48864

## Riley Millard

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**From:** Cathy Liu <cathylu9513@gmail.com>  
**Sent:** Thursday, March 14, 2019 10:39 AM  
**To:** Board  
**Subject:** strong concerns about Meridian Township marijuana zoning

Dear Meridian Township Board,

I am a Professor of Sociology at Michigan State University and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for 10 years and really feel proud of our community and neighborhood. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a mom with two young school-age sons. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,  
Hui Liu  
Home address: 1338 Spicewood Dr. Okemos

## Riley Millard

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**From:** Lin Li <lilin713@hotmail.com>  
**Sent:** Thursday, March 14, 2019 11:04 AM  
**To:** Board  
**Subject:** Marijuana Zoning

Dear Meridian Township Board,

I am Lin Li and currently a resident of Okemos. I write to express my strong concerns regarding the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for 4 years and really love our community and neighborhood. Our family choose to live in Okemos for its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the last thing I would like to see as a mom of two young kids. It will also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area. Because we want our kids to be raised in a safe and friendly environment. I believe there are lots of other families share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us to make a difference in our community!

Respectfully,  
Lin Li  
Home address: 5223 Madison Ave, Apt B10, Okemos

## Riley Millard

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**From:** Xia, Qing <xiaqing@msu.edu>  
**Sent:** Thursday, March 14, 2019 11:04 AM  
**To:** Board  
**Subject:** Planting & selling marijuana in the community

Dear Board,

I'm writing to you to express my deep concern of planting and selling marijuana in our community. I hope the board take cautious measures to make sure that our children and families will not be affected by these activities. I'm against legalization of marijuana.

Thanks for your consideration.

Qing Xia  
Home address: 5305 Thames Dr., Haslett, MI 48840

## Riley Millard

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**From:** Liao, Wei <liaow@msu.edu>  
**Sent:** Thursday, March 14, 2019 11:06 AM  
**To:** Board  
**Subject:** about new Marijuana store near Okemos high school

**Importance:** High

To Whom It May Concern:

I am Wei Liao, and a resident of Meridian township. My home address is: 1264 Sweetwood Dr. Okemos, MI 48864.

I just learned that there is a plan to open a new Marijuana store near Okemos high school. I have to let you know my strong voice against such a plan. I am the father of two daughters (one of them is in Okemos high). Passing the proposal 1 is already a very bad thing. What are we trying to do here? Spreading the drugs in our high school? I DO NOT think so. As a member of Okemos community, my response is a BIG NO to this plan.

Please consider our voice once you make the decision.

Thanks

Wei

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Wei Liao, Ph.D., P.E.  
Associate Professor and Director  
Anaerobic Digestion Research and Education Center Department of Biosystems & Agricultural Engineering Michigan  
State University  
524 South Shaw Lane, Room 202  
East Lansing, MI 48824-1323  
Tel: 517-432-7205  
E-mail: [liaow@msu.edu](mailto:liaow@msu.edu)  
Homepage: <http://www.egr.msu.edu/liao>  
ADREC Website: <http://www.egr.msu.edu/bae/adrec/>

## Riley Millard

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**From:** Yanshuo Wang <yanshuo48108@yahoo.com>  
**Sent:** Thursday, March 14, 2019 11:11 AM  
**To:** Board  
**Subject:** Marijuana Stores Should Not Be Opened In Meridian Township

Subject: Marijuana Stores Should Not Be Opened In Meridian Township

To Whom It May Concern,

My name is Yanshuo Wang. I strongly disagree with opening Marijuana stores in Meridian township for the following reasons:

It will lower the quality of our community.

It will make the city unsafe.

We live in a school district with a strong educational programs. The existence of marijuana stores would impose a poor impression on our community, affecting real estate prices, causing our homes values to go down. Okemos would lose attraction to the wealthy. I do not wish our community to be viewed as a cheap place.

If we allow marijuana stores to be opened, it would be difficult to control the amount of consumers purchasing products. I do not wish for drugs to have a negative effect on our community. Slowly our community would become unsafe, and people would start moving out.

Okemos is mainly a resident community for long-term living and raising children, with few big companies and businesses. We should protect the safety and health of our schools as a priority. Opening a marijuana store would impose a negative impression on our children. I'm afraid this would influence our children to inhabitant the drug.

To satisfy a small group of people with marijuana needs, we would be sacrificing our community's high reputation. On niche, okemos is ranked as the #4 best place to live in United States. I wish for the upward progress of our community.

<https://www.lansingstatejournal.com/story/life/2017/04/21/okemos-ranked-no-4-best-places-live/100750394/>

While I understand and respect the need of others in my community who seek marijuana, I believe the opening of marijuana stores in a public busy area would have a negative impact on our community as a whole and the impression on our children growing up.

I know you have worked hard to improve our community, and I believe in the future you will continue to make Meridian Township a better place to live. My family and I thank you for your efforts towards our community.

Sincerely,

Yanshuo Wang  
734 927 2072  
3566 Hyacinth St..

## Riley Millard

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**From:** Peng, Taiquan <pengtaiq@msu.edu>  
**Sent:** Thursday, March 14, 2019 11:27 AM  
**To:** Board  
**Subject:** Concern about Meridian Township Marijuana Zoning Ordinance

Dear Meridian Township Board,

I am Taiquan Peng and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for 2 years and really feel proud of our community and neighborhood. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a father with two young school-age kids. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,

Taiquan Peng  
Home address: 1392 Silkwood Dr, Okemos

## Riley Millard

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**From:** Gang Teng <tenggang@gmail.com>  
**Sent:** Thursday, March 14, 2019 11:33 AM  
**To:** Board  
**Subject:** marijuana facilities plan

Hi meridian township board members,

My name is Gang Teng, and I live in College Fields with my wife and daughter. This week we received the below plan from a friend and was told the red-circled areas are to be proposed/planned for marijuana facilities.

I'm writing this email to express our strong against towards this plan. We live right between #5 and #6 and both of them are very close to schools - Bennett Woods elementary school and Okemos High School. These are all good schools in the area and good schools not only provide great education but also offer a safe environment for the kids.

However by looking at the plan, #6 is getting into the 500 radius of the Church and just a few blocks away from Okemos high school. Bennett Woods elementary school is also not far from #5 plat neither.

With those facilities being so close to the schools, we're deeply concerned that the kids will be exposed to marijuana, before they'd be able to take independent decisions on this matter.

5&6 would have the most direct impact on our family but the others are not better. they're all either close to the residential areas or in the middle of the city. The designated 500/1000ft buffer doesn't provide any isolation/shield from important functioning facilities such as churches/libraries at all. it's literally walking distance.

With full respect to people who need access to those facilities, we, who don't like the access , shall also be considered and respected.

Those facilities should be planned in more rural areas with less residential exposure, certainly not within walking distance. Within a reasonable driving distance, people can still get access to them and in the meanwhile, for people who don't like it, there is still enough buffer zone and we will not be so concerned that our kids can just walk into those facilities.

We're urging the township board to consider our concerns and replan it.

Best Regards,  
Gang

## Riley Millard

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**From:** Li, Xiaoshi <xli@msu.edu>  
**Sent:** Thursday, March 14, 2019 11:45 AM  
**To:** Board  
**Subject:** Strong Concern about Marijuana Zoning Ordinances

Dear Meridian Township Board,

I am Xiaoshi Li, an associate professor of Chinese at Michigan State University. I am currently a resident in Okemos, living on 3852 Baulistrol Drive of College Fields. I am writing to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

We have lived in Okemos school district for 11 years and really feel proud of our community and neighborhood. We choose to live in Okemos because of its high quality schools and family friendly communities. The recent marijuana zoning ordinances in Meridian Township really raised our extremely strong concerns for our families and children. Although there appears to be some short-term financial benefits that marijuana business is supposed to bring, I strongly believe that long-term damage will definitely happen to the community's family-friendly tradition. It will drastically increase our kids' and residents' exposure and access to marijuana and relevant crimes. This is the worst thing I want to see as a mom of two young school-aged children. It will also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families may move out which may hurt the housing market and economy of Okemos in a long run.

I sincerely hope you could seriously consider our concerns. I know many many families with kids share similar concerns. Please keep marijuana away from our children and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,

Xiaoshi Li  
Home address: 3852 Baulistrol Drive, Okemos, MI

## Riley Millard

---

**From:** Tina Zhuang <Zhuangy@uadv.msu.edu>  
**Sent:** Thursday, March 14, 2019 12:15 PM  
**To:** Board  
**Subject:** Marijuana

Dear Meridian Township Board:

I am Yitian Zhuang, an Okemos resident of fourteen years. I write this message to express my strong concerns about the recent ordinance and vote No to the current board members in the next election if it is approved by Meridian Township this Friday.

I have served as the board member in Okemos Education Foundation and was the treasurer of Chippewa Middle School PTO. I am a High School Music Patron. I am a full time MSU staff working at MSU Alumni Association. The reason why I sacrifice my spare time in my community and felt blessed to have my daughter in Okemos Public School system for high quality of learning resources and safe environment. I understand the importance of marijuana usage, but the location of production and sale should not close to our school and our neighborhoods. You do not think our township needs to open marijuana stores in financial need. More families have moved to Meridian Township in the past few years and township does not have any excuses to open marijuana stores but greedy and short-vision of your board members. During the past few years, you might be a parent, a grandparent, a uncle/aunt of an Okemos child, please image the pain when losing your loved one because of marijuana usage.

I live in 1200 Starboard Dr. in Okemos, MI. 48864. My full name is Yitian Zhuang. I look forward to hearing from you soon about the ordinance and prevent our community from crimes.

Thanks,

Yitian Zhuang

**Yitian (Tina) Zhuang**

*Accountant*

**MSU Alumni**

535 Chestnut, Room 300 | E. Lansing, MI 48824

Phone: 517.884.4564

[zhuangy@msu.edu](mailto:zhuangy@msu.edu)

## Riley Millard

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**From:** Yun Cao <micaoyun@icloud.com>  
**Sent:** Thursday, March 14, 2019 12:25 PM  
**To:** Board  
**Subject:** Against Meridian Township marijuana zoning ordinances

Dear Meridian Township Board,

I am Yun Cao and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

We moved to Okemos almost two years. Before we moved here, we did lots of search and decided to live in Okemos. We are currently building our home in Okemos. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a mom with two young school-age sons. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,  
Yun Cao  
Home address:  
1445 E Pond Dr. Apt 33  
Okemos, MI 48864

## Riley Millard

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**From:** Yan liu <susieyanliu@yahoo.com>  
**Sent:** Thursday, March 14, 2019 12:29 PM  
**To:** Board  
**Subject:** Please keep marijuana away from our kids and our neighborhood

Dear Meridian Township Board,

I am Yan Liu and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for 12 years and really feel proud of our community and neighborhood. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a mom with two young school-age daughters. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,  
Yan Liu  
Home address: 1264 Sweetwood Drive, Okemos, MI 48864

Sent from my iPhone

## Riley Millard

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**From:** Yunyan Shen <shenp86@gmail.com>  
**Sent:** Thursday, March 14, 2019 12:37 PM  
**To:** Board  
**Subject:** object to plant Marijuana in Okemos

Dear Meridian township Board,

As a family living in Okemos, for our kids and families, we plea you to object planting marijuana in our city Okemos. Really appreciate for your act for the future of our town.

Yunyan Shen  
3979 E Sunwind Dr  
Okemos,MI,48864

## Riley Millard

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**From:** Wei Peng <pengweikaren@gmail.com>  
**Sent:** Thursday, March 14, 2019 12:38 PM  
**To:** Board  
**Subject:** Oppose marijuana business

Dear Meridian Township board members

My name is Wei Peng and our family moved to Okemos last fall (2520 Kevern Way, Okemos, MI). The news that the township plans to expand business in marijuana is disbursing. I am all for medical Marijuana and it is important for individuals who are in need. However, is it really necessary to open 6 shops in our small township? Food delivery and grocery delivery are widely available now and I do not see why it is necessary to open that many marijuana shops so that people can conveniently walk to the shop to purchase it. The idea of future marijuana plantations or processing centers is even more disturbing. We pay high property tax in Okemos in exchange for good school and tranquility, not the hustle and bustle of Cannabis business. Please think about the residents and children when you make this decision.

Sincerely

Wei Peng

Sent from my iPhone

## Riley Millard

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**From:** Charlie Yang <charley789@gmail.com>  
**Sent:** Thursday, March 14, 2019 12:39 PM  
**To:** Board  
**Subject:** Please vote NO for "opening marijuana stores in Okemos"

Dear Sir/Madam,

I come to know that the Meridian township considers opening marijuana stores in Okemos, so I want to make my voice to be heard clearly. Please vote NO to this!!!! absolutely NO marijuana stores in Okemos and its neighborhood! We have lived in this beautiful city for nearly twenty years, and love people, schools, and diverse living environment, and most importantly excellent place to raise kids. We hope that the city is kept this way or getting better. I am strongly against the marijuana stores because of the following reasons:

- 1) bad to mental health
- 2) bad to physical health
- 3) not proven to be good for people
- 4) mess up kids' growing up and lives.
- 5) there are alternatives to marijuana for people who need this or medical prescription on marijuana
- 6) people can easily get addictive to it

Thank for reading my letter and taking it for consideration!

Changlai Yang  
1805 Yosemite Drive  
Okemos.

## Riley Millard

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**From:** Henry Chen <hchen168@hotmail.com>  
**Sent:** Thursday, March 14, 2019 12:44 PM  
**To:** Board  
**Subject:** Strongest possible opposition to opioid business in our communities.

Dear Meridian Township Board,

My name Honglei Chen and I moved to Okemos about 3 years ago to take my professorship position at MSU. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I am a public health scientist and tremendously concern about the physical, mental, financial, and societal impacts of addictive behaviors, including opioid use. The presumed short-term financial benefit is nothing compared to its long-term harm. It will destroy our community and the next generations to come. It will increase our kids' exposure and access to marijuana, which is the worst thing you want to see as a parent. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,  
Honglei Chen, Spring Lake

## Riley Millard

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**From:** jane li <jiae48108@yahoo.com>  
**Sent:** Thursday, March 14, 2019 12:55 PM  
**To:** Board  
**Subject:** Marijuana stores should not be opened in okemos

Dear Meridian Township Board,

I am Jane Li and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for 8 years and really feel proud of our community and neighborhood. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a mom with two young school-age sons. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,  
Jane Li  
Home address: 3566 hyacinth, okemos, mi 48864

[Sent from Yahoo Mail for iPhone](#)

## Riley Millard

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**From:** He, Guangming <heguangm@msu.edu>  
**Sent:** Thursday, March 14, 2019 12:57 PM  
**To:** Board  
**Subject:** we don't need anything related to marijuana in our community

Dear Meridian Township Board,

I am Guangming He and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for 10+ years and really feel proud of our community and neighborhood. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a mom with two young school-age sons. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,

Guangming He

Home address: 2550 Lupine Ct., Okemos MI

[Information Management Developer / Analyst](#)

[Business Connect, MSU Innovation Center](#)  
[Room 311, 325 E. Grand River Ave, Suite 350 \(@MSU Technologies\)](#)  
[East Lansing MI 48823](#)

## **SAVE the DATE:**

**[2019 MSU INNOVATION CELEBRATION](#)**

**4-6 p.m. Thursday, April 18**

**Huntington Room, Spartan Stadium**

## Riley Millard

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**From:** Qing Zhou <qing.zhou1205@gmail.com>  
**Sent:** Thursday, March 14, 2019 1:01 PM  
**To:** Board  
**Subject:** we don't need anything related to marijuana in our community

Dear Meridian Township Board,

I am Qing Zhou and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for 10+ years and really feel proud of our community and neighborhood. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a mom with two young school-age sons. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,

Qing Zhou

Home address: 2550 Lupine Ct., Okemos MI

## Riley Millard

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**From:** linping xing <paperink13@gmail.com>  
**Sent:** Thursday, March 14, 2019 1:02 PM  
**To:** Board  
**Subject:** Against marijuana zoning

Dear Meridian Township Board,

I am Ping xing and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos over 20 years and really feel proud of our community and neighborhood. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a mom, It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,  
Ping xing  
Home address: 2166 longleaf trl.

Sent from my iPhone

## Riley Millard

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**From:** 13683050951 <13683050951@139.com>  
**Sent:** Thursday, March 14, 2019 1:05 PM  
**To:** Board  
**Subject:** Against Marijuana!

Dear Meridian Township Board,

I am Zhinong Yan, and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for more than 10 years and really feel proud of our community and neighborhood. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a mom with two young school-age sons. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,  
Zhinong Yan  
Home address: 1363 Sebewaing Rd, Okemos MI 48864

--发自139邮箱APP

点击下载使用 · 轻松管理邮箱 [app.mail.10086.cn/d/d.html](http://app.mail.10086.cn/d/d.html)

## Riley Millard

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**From:** Ying Yan <yingyan217@gmail.com>  
**Sent:** Thursday, March 14, 2019 1:08 PM  
**To:** Board  
**Subject:** Marijuana stores SHOULD NOT be opened

Dear Meridian Township Board,

I am Ying Yan and currently a resident in Haslett. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Meridian Township for 10 years and really feel proud of our community and neighborhood. Our family choose to live here because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a mom with two young sons. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Meridian Township in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,  
Ying Yan  
Home address: 697 Emily Lane Haslett

## Riley Millard

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**From:** Jianping Hu <huyidao92122@yahoo.com>  
**Sent:** Thursday, March 14, 2019 1:11 PM  
**To:** Board  
**Subject:** Serious concerns over marijuana planting and sale in Meridian Township

To whom it may concern at Meridian Township Board,

With this letter I am expressing my strong concerns over planting and selling marijuana in Meridian Township. I have been a resident of the township for nearly 16 years and proud of the high-quality schools and family friendly communities. I was shocked to hear about the Township's recent marijuana zoning ordinance and believe that it will have a negative impact on the family friendly, safe and clean atmosphere in this area. I have a high school boy and I do not want him to be exposed to this drug, which I believe is a gateway drug to more detrimental and addictive drugs.

As a parent and concerned citizen, I sincerely hope that the township board can take our requests into consideration and vote against this bill. Please keep Meridian Township a safe and clean environment for our kids!

Sincerely,

Jianping Hu

1299 Silverwood Drive, Okemos MI 48864

## Riley Millard

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**From:** Qiang Zhao <zhaq6@gmail.com>  
**Sent:** Thursday, March 14, 2019 1:13 PM  
**To:** Board  
**Subject:** Against Marijuana

Dear board members:

I would strongly voice against the cultivation and sell of marijuana in Meridian township. Thank you for your kind consideration.

Qiang Zhao  
1922 Atherton, Okemos

## Riley Millard

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**From:** Christine Zong <zongcq@yahoo.com>  
**Sent:** Thursday, March 14, 2019 1:15 PM  
**To:** Board  
**Subject:** From Christine

Dear Meridian Township Board,

I am Christine Zong and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for 19 years and really feel proud of our community and neighborhood. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a mom with two young school-age sons. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,  
Christine Zong  
Home address: 1783 Elk.lane, Okemos

## Riley Millard

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**From:** Gao Li <gaolikun@yahoo.com>  
**Sent:** Thursday, March 14, 2019 1:16 PM  
**To:** Board  
**Subject:** Concern Meridian marijuana ordinances

Sent from my iPhoneDear Meridian Township Board,

I am Kun Li and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for 11 years and really feel proud of our community and neighborhood. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a mom with two young school-age kids. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,  
Kun li  
Home address: 2592 Dustin rd  
Okemos

## Riley Millard

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**From:** Li Zhang <dlxzldhz@comcast.net>  
**Sent:** Thursday, March 14, 2019 1:18 PM  
**To:** Board  
**Subject:** No Marijuana in Okemos

As parents, we are against any Marijuana activity in Okemos.

Li Zhang & Lixin Dong

4162 Cornell Road, Okemos. Mi

发自我的 iPhone

## Riley Millard

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**From:** Haosu Cong <haosucong@gmail.com>  
**Sent:** Thursday, March 14, 2019 1:24 PM  
**To:** Board  
**Subject:** Attitudes to marijuana zoning ordinances

Dear Meridian Township Board,

I am Haosu Cong and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for just 2 months, but really feel proud of our community and neighborhood. As a new PhD student in MSU, I chose to live in Okemos because of its high quality public security and friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for myself (and also, I believe, many other families who share my values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its friendly atmosphere. My father is a pharmacist and thus I know that marijuana is directly related to the crime rate. And it will increase kids' and teenagers', even college students' exposure and access to marijuana, as you know, they cannot prevent them from opening that Pandora's box. Seriously, the marijuana business is the biggest reason now for me to consider moving out of this area because I am concerning about my own safety. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run. Okemos would not be my lovely Okemos! It will no longer be a friendly and safe community, but a drab town fulfilled with awful marijuana smell.

I sincerely hope you could seriously consider my concerns. I know many families with kids have similar concerns. Please keep marijuana away from our neighborhood! Thank you for helping us make a safe and aound community!

Respectfully,  
Haosu Cong  
Home address: 4398 Okemos Road, Apt F209, Okemos, MI 48864

## Riley Millard

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**From:** yanyan wang <yayawa@hotmail.com>  
**Sent:** Thursday, March 14, 2019 1:30 PM  
**To:** Board  
**Cc:** yanyan wang  
**Subject:** Marijuana issue

Dear Meridian Township Board,

I am a Professor of Accounting at Michigan State University. My family has lived in Okemos since 2013. I'm writing to express my strong opposition to the recent Meridian Township marijuana zoning ordinances.

I moved from East Lansing to Okemos in 2013 because of the high-quality education systems and cultural diversity Okemos has to offer. The Township's recent marijuana zoning ordinances worried me due to the concern that the meridian township may be trading off long-term school district ranking/reputation for the short-term gain that the marijuana business may generate. While it's the parents' job to raise their children with the right values, school children also are the most vulnerable to temptations to become users of marijuana either under the peer pressure to be the "cool kid" or due to the fact that marijuana becomes easily accessible to them. As a result, their academic performance will suffer and our school district ranking will deteriorate.

Our family is seriously discussing the possibility of moving out of the Okemos area because we want our kids to be raised in a safe and friendly environment. Many other families in our neighborhood share the same concerns. Moving is costly. There's no doubt about that. But if it has to come down to raising our kids the right way and shield them from the undue influence of drug use, we'll do it in a heartbeat. Property values will go down significantly if more families are moving out of the area.

As a concerned parent and a well-educated academic researcher, I'm asking you to please try your best to keep marijuana away from our kids and our neighborhood. You are the ones who can make a real difference for our community!

Respectfully,  
Isabel Wang  
Home address: 2699 Sophiea Pkwy, Okemos, MI 48864

## Riley Millard

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**From:** Yu Qiu <yuqiu01@gmail.com>  
**Sent:** Thursday, March 14, 2019 1:39 PM  
**To:** Board  
**Subject:** Concerns about marijuana zoning ordinances

Dear Meridian Township Board,

I am Yu Qiu and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for 18 years and really feel proud of our community and neighborhood. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a mom with two young school-age sons. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,  
Yu Qiu  
Home address: 1272 Starboard Drive, Okemos,MI 48864

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邱峪---全世界最牛逼的人民教师

## Riley Millard

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**From:** Wei Zhang <weizhng@gmail.com>  
**Sent:** Thursday, March 14, 2019 1:43 PM  
**To:** Board  
**Subject:** Opposition to marijuana zoning ordinances

Dear Meridian Township Board,

I am Wei Zhang and currently a resident in Okemos at 3585 Hyacinth ST. I am writing to express my strong opposition to the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for 7 years and I strongly believe it is way too premature for Meridian Township to establish the marijuana zoning ordinances without detailed and robust impact assessment on our community and neighborhood.

Sincerely,

Wei Zhang

## Riley Millard

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**From:** Heidi Ma <heidima@gmail.com>  
**Sent:** Thursday, March 14, 2019 1:52 PM  
**To:** Board  
**Subject:** Against marijuana dispensaries in Meridian Township

Hi,

My name is Huibo Ma. My address is 4573 Spicewood Dr, Okemos MI 48864.

I heard the board will vote for adding marijuana dispensaries in Meridian Township soon. I highly against establishing marijuana dispensaries in the area, especially the ones near Okemos High School and Okemos downtown.

We all know the negative effect marijuana does to people, especially young people. Have the dispensaries so close to the youth in our community is very dangerous.

I hope you would consider these and vote against it. Thanks for your consideration.

Huibo Ma

## Riley Millard

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**From:** Sunny Renli <ren.jian.usa@gmail.com>  
**Sent:** Thursday, March 14, 2019 1:54 PM  
**To:** Board  
**Subject:** Strongly against the

As residents of Okemos for more than 16 years, our whole family is strongly against the Marijuana Non-Zoning/Zoning Ordinances. Please give our kid a clear and drug free environment, instead of just seeking a temporary relief. We have already witnessed too many mental problems and suicide incidences, much more than we could imagine twenty or thirty years ago. It's a responsibility for each and everyone individual to think wisely and take appropriate actions to create a healthy and clear environment. We do not want to become criminals for the future generations.

Please cast your vote with responsibility and consciousness in your mind.

Sincerely,  
Jian Ren  
1840 Elk Lane

## Riley Millard

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**From:** Qiaoqin Jiang <qiaoqin\_jiang@yahoo.com>  
**Sent:** Thursday, March 14, 2019 1:55 PM  
**To:** Board  
**Subject:** Marijuana Stores and Marijuana planting Should Not Allowed In Meridian Township

To Whom It May Concern,

My name is Qiaoqin Jiang. I strongly oppose with opening Marijuana stores and planting Marijuana in Meridian township!

Residents are proud of Okemos, prospect families choose to come to live in Okemos because Okemos is a well known safe place, and it has best school district around Lansing area.

If we were to allow Marijuana store to open, or Marijuana planting in Okemos. We are putting our Children's future in risk. By having Marijuana physically in Meridian Township, we are opening a door for people to drug. We are endorsing and encouraging people to take the first step to drug. People would have more chance to make bad decisions because of the easy access to it. Students will lose focus on academic because the worsen environment. Families who are serious about Children's future will be afraid of letting their children grown up here, and eventually they will be moving away. New families will not want to move in for the same reason.

For the sake of the future of our children and all the people in the community, please stop considering having Marijuana businesses in Meridian Township!

Sincerely,

Qiaoqin Jiang

1805  
Sent from my iPhone

## Riley Millard

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**From:** Cathrine Tan <ctan0008@gmail.com>  
**Sent:** Thursday, March 14, 2019 2:07 PM  
**To:** Board  
**Subject:** Voting for/against the marijuana growing and cannabis shop

Hi,  
I heard that there will be a voting at 5 pm today regarding growing marijuana and cannabis shop in Meridian township.  
I am concerned and would like to vote no, please don't grow marijuana and don't open cannabis shop in Meridian township.  
Thank you.

Sincerely,  
Cathrine Tan  
2594 Lupine Dr.  
Okemos, MI 48864.

## Riley Millard

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**From:** Youyu Feng <txyouyu@gmail.com>  
**Sent:** Thursday, March 14, 2019 2:09 PM  
**To:** Board  
**Subject:** Concerns about opening Marijuana business in Meridian

Dear Meridian Township Board,

My name is Youyu Feng. My family moved to 2017 Timberview Dr, Okemos last summer because Okemos is one of the best places to live in the United States. It has highly educated residents, high quality schools and family friendly communities. Now I am worried that allowing marijuana businesses in our community would affect all of these.

Nearly 300 communities across Michigan have voted to prohibit marijuana businesses. 75 percent of communities in Colorado, the first state to legalize marijuana, have decided to ban the businesses. And there are reasons why others said NO to marijuana businesses.

According to an analysis from the Washington Post, wholesale marijuana prices are dropping at insane rates in states that have legalized. This means that the tax revenue generated by marijuana business will decrease sharply in a few years. On the other hand, a study by the Centennial Institute at the acclaimed Colorado Christian University found that "for every dollar gained in tax revenue, Coloradans spent approximately \$4.50 to mitigate the effects of legalization." This hasn't taken into account the costs associated with long-term health consequences.

In the long-run, marijuana business brings not Economy benefits, but a less safe, less family-friendly and less valuable community according to studies/researches:

- Marijuana use remains more prevalent in the population with less education.
- Research shows a connection between marijuana use and the use of alcohol and other substances.
- Sixty-nine percent of marijuana users say they have driven under the influence of marijuana at least once, and 27 percent admit to driving under the influence on a daily basis.
- The marijuana industry has adverse impact on the environment including CO2 emissions, electricity consumption and plastic packaging.

Many families with kids in our neighborhood and schools share the same concerns as we do. We urge the Board to consider our concerns and vote to prohibit marijuana businesses in our township.

Thank you for making our township a better place to live!

Sincerely,  
Youyu Feng  
2017 Timberview Dr.

## Riley Millard

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**From:** Joyce Dou <joycedd781028@gmail.com>  
**Sent:** Thursday, March 14, 2019 2:10 PM  
**To:** Board  
**Subject:** about the recent Meridian Township marijuana zoning ordinances.

Dear Meridian Township Board,

I am siqi Xu and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

We moved here from Chicago 4 years ago. My friends highly recommend Okemos. That is why we decided to move in and bought the house. Our family chose to live in Okemos because of its high quality schools and safe, friendly communities. Lansing is known as MSU, which brings together scholars from all over the world. Should the smell of marijuana replace the smell of books? I believe marijuana will bring benefits to the city, but the troubles it brings are endless. I remember when we lived in Chicago, my daughter was afraid to go out at night. As a mother, I don't want my daughter to fall back into fear again.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a safe, kind community!

Respectfully,

Siqi Xu

Home address: 2476 Burcham Dr. East Lansing, Michigan

## Riley Millard

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**From:** Tongtong Li <tongli@egr.msu.edu>  
**Sent:** Thursday, March 14, 2019 2:14 PM  
**To:** Board  
**Cc:** 'Tongtong Li'  
**Subject:** About the cultivation of Marijuana in Okemos

Dear Meridian Township Board Members,

I was very surprised to hear that some people are considering the cultivation of Marijuana in Okemos. Marijuana is actually a kind of drug. Though its cultivation may bring some income for Okemos, however, what is the price we pay? We would be surrounded by crimes, Okemos will be no longer be the beautiful, peaceful, lovely little town. Our children will be facing much higher dangers of all the problems caused by the drug. People will be moving away, and our city will be ruined.

My family has been living in Okemos for 17 years, and I strongly wish the board will NOT approve the cultivation of Marijuana in Okemos. It is a very short sighted motion that will have profound, long-term and destructive impact on Okemos. Please say "NO."

Tongtong Li  
19840 Elk Lane  
Okemos, MI 48864

Tongtong Li  
Associate Professor  
Dept. of Electrical and Computer Engineering  
Michigan State University  
428 S. Shaw Lane, Room 2120  
East Lansing, MI 48824-1226  
Phone: (517)355-7688  
Email: [tongli@egr.msu.edu](mailto:tongli@egr.msu.edu)

## Riley Millard

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**From:** Song, Guo-Qing <songg@msu.edu>  
**Sent:** Thursday, March 14, 2019 2:17 PM  
**To:** Board  
**Subject:** Please Veto Medical Cannabis

Hello,

I am resident of Okemos (5403 Lampen Dr., East Lansing, MI 48823). I have some big concerns about the adoption of growing of and opening shops of medical cannabis in the area of Meridian township. Please **Veto** medical Cannabis in Okemos. I would not support any representative who vote for this.

Name: Guo-qing Song  
Home address: 5403 Lampen Drive, East Lansing, MI 48823  
Phone: 517-402-6620

Thank you,

Guo-qing

## Riley Millard

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**From:** Qiaoqin Jiang <qiaoqin\_jiang@yahoo.com>  
**Sent:** Thursday, March 14, 2019 2:17 PM  
**To:** Board  
**Subject:** Marijuana Stores and Marijuana planting Should Not Allowed In Meridian Township

To Whom It May Concern,

I am sorry that I forgot to include address in my previous email.

My name is Qiaoqin Jiang. I strongly oppose with opening Marijuana stores and planting Marijuana in Meridian township!

Residents are proud of Okemos, and prospect families choose to come to live in Okemos because Okemos is a well known safe place, and it has best school district around Lansing area.

If we were to allow Marijuana store to open, or Marijuana planting in Okemos, we would be putting our Children's future in risk. By having Marijuana physically in Meridian Township, we would be endorsing and encouraging people to take the first step to drug. People would have more chances to make bad decisions because of the easy access. Students would lose focus on academic because the worsen environment and their declining health. Property value would go down. Families who are serious about Children's future would be afraid of letting their children grown up here, and eventually they would have to move away. New families would not want to move in for the same reason.

For the sake of the future of our children and all the people in the community, please stop considering having Marijuana businesses in Meridian Township!

Sincerely,

Qiaoqin Jiang  
1805 Yosemite Dr, Okemos, MI 48864

## Riley Millard

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**From:** Xiaobo Tan <tanxb76@gmail.com>  
**Sent:** Thursday, March 14, 2019 2:23 PM  
**To:** Board  
**Cc:** Xiaobo Tan  
**Subject:** Concern over marijuana zoning ordinances

Dear Meridian Township Board:

I am Xiaobo Tan, Professor in Electrical and Computer Engineering at Michigan State University. I am writing to express my serious concerns over the marijuana zoning ordinances in the Township.

My family just moved into Okemos last summer. The good school district and family-friendly environment were the most important reasons for us to come to Okemos. Despite the assumed, possible short-term economic benefit marijuana could bring to the community, I am very concerned about its negative impact on the surroundings, including, in particular, the easier access to marijuana by school children including my daughter and son. I am also concerned the potential negative impact on the value of our property.

I hope my voice is heard, and please keep marijuana away from our community and our kids!

Thank you,

Xiaobo Tan  
2017 Timberview Dr  
Okemos, MI 48864

## Riley Millard

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**From:** Yiming Jerry Deng <jerry.deng.colorado@gmail.com>  
**Sent:** Thursday, March 14, 2019 2:25 PM  
**To:** Board  
**Subject:** Objection for Meridian Township Marijuana Zoning Ordinances

Dear Meridian Township Board,

I have sure you have received many objection voices from voters/residents like me. The marijuana zoning ordinances and the plan of opening marijuana business in the township is really short-sighted in my personal opinion.

I strongly against it as a voter, a father and a long-time resident in the city of Okemos. Thank you for your consideration.

Best Regards,  
Yiming Deng  
Home address: 2536 Kevern Way

Yiming "Jerry" Deng, Ph.D.  
Associate Professor  
Department of Electrical and Computer Engineering  
Michigan State University  
Office: 517-884-0926  
Email: [dengyimi@egr.msu.edu](mailto:dengyimi@egr.msu.edu)  
Web: [www.egr.msu.edu/deng/](http://www.egr.msu.edu/deng/)

## Riley Millard

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**From:** Yiming Jerry Deng <jerry.deng.colorado@gmail.com>  
**Sent:** Thursday, March 14, 2019 2:29 PM  
**To:** Board  
**Subject:** Re: Objection for Meridian Township Marijuana Zoning Ordinances

Dear Meridian Township Board,

I am sure you have received many objection voices from voters/residents like me. The marijuana zoning ordinances and the plan of opening marijuana business in the township is really short-sighted in my personal opinion.

I strongly against it as a voter, a father and a long-time resident in the city of Okemos. Thank you for your consideration.

Best Regards,  
Yiming Deng  
Home address: 2536 Kevern Way

Yiming "Jerry" Deng, Ph.D.  
Associate Professor  
Department of Electrical and Computer Engineering  
Michigan State University  
Office: 517-884-0926  
Email: [dengyimi@egr.msu.edu](mailto:dengyimi@egr.msu.edu)  
Web: [www.egr.msu.edu/deng/](http://www.egr.msu.edu/deng/)

On Thu, Mar 14, 2019 at 2:25 PM Yiming Jerry Deng <[jerry.deng.colorado@gmail.com](mailto:jerry.deng.colorado@gmail.com)> wrote:  
Dear Meridian Township Board,

I have sure you have received many objection voices from voters/residents like me. The marijuana zoning ordinances and the plan of opening marijuana business in the township is really short-sighted in my personal opinion.

I strongly against it as a voter, a father and a long-time resident in the city of Okemos. Thank you for your consideration.

Best Regards,  
Yiming Deng  
Home address: 2536 Kevern Way

Yiming "Jerry" Deng, Ph.D.  
Associate Professor  
Department of Electrical and Computer Engineering  
Michigan State University  
Office: 517-884-0926

## Riley Millard

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**From:** Yingxin Zhou <zhou0824@gmail.com>  
**Sent:** Thursday, March 14, 2019 2:31 PM  
**To:** Board  
**Subject:** Medical Marijuana Facilities

Dear Board members,

I live on Sophiea Pkwy, Okemos, Michigan. I heard 6 facilities have been identified for the sale of medical marijuana. It doesn't make sense to me. The FDA has only approved it for treatment of two rare and severe forms of epilepsy, Dravet syndrome and Lennox-Gastaut syndrome. Meridian Township is a small area with small population of 39,688. Is statistics number available regarding the patients with these two diseases in our Township? Is it possible to obtain the number from local hospitals? Since they are rare and severe diseases, I don't expect the patient population to be large. Therefore in my opinion opening one store is enough. Why 6?

Also have you considered given permits to pharmacies at Walgreens, Meijer, Target, Kroger etc to sell medical marijuana? If they are given the permits, the 6 facilities already identified can be used for other purposes.

Your consideration is greatly appreciated.

Sincerely,

Yingxin Zhou  
Equities Trader, CPA  
Zhou0824@gmail.com  
517-518-2638

## Riley Millard

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**From:** Liyu <liyuworkweek@gmail.com>  
**Sent:** Thursday, March 14, 2019 2:34 PM  
**To:** Board  
**Subject:** Say no to Marijuana

Dear Meridian Township Board,

I am Liyu He and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for 2 years and really feel proud of our community and neighborhood. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family. I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I get to see as a mom with my kids. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,  
Liyu He  
Home address:  
2694 Elderberry Drive  
Okemos MI 48864

## Riley Millard

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**From:** Ming Yan <basca.yan@gmail.com>  
**Sent:** Thursday, March 14, 2019 2:41 PM  
**To:** Board  
**Subject:** Regarding the recent marijuana zoning ordinances

Dear Meridian Township Board,

I am Ming Yan and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for 2 years and really feel proud of our community and neighborhood. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business might bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with or without kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,  
Ming Yan  
Home address: 3834 Fossum Ln, Okemos, MI

Best regards,

Ming Yan

## Riley Millard

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**From:** Shuangtao Ma <shuangtaoma@yahoo.com>  
**Sent:** Thursday, March 14, 2019 2:50 PM  
**To:** Board  
**Subject:** Concerns about marijuana zoning ordinances

Dear Meridian Township Board,

This is Shuangtao Ma and currently a resident living at 3885 Baulistrol Dr in Okemos. I heard about the Board is deciding marijuana zoning ordinances in Meridian Township. I am writing this letter to express my strongest objection against marijuana planting and businesses in the community.

We moved into this area two years ago since I joined MSU. After careful consideration, we purchased a house and settled down in Okemos because my wife and I recognized this is a peace, highly safe, and family-friendly community. More importantly, it is great for our 6-year-old daughter as there are wonderful schools. Even though we pay much more property taxes than people who live in nearby communities, we still think that's worth. However, I really do not want this paradise to be poisoned by marijuana.

As an Assistant Professor of Medicine, I understand that marijuana is a dangerous drug with very limited medical value or without therapeutic value. To date, the FDA has not approved a marketing application for marijuana for any indication ([FDA and Marijuana: Questions and Answers](#)). The FDA only approved a couple of medicines which contains cannabidiol for rare and severe forms of epilepsy, and the FDA is still concerning the safety of the drug. I believe marijuana has much more been abused than appropriate medical use in the United States. It is no doubt that marijuana does much more harm than benefit to the human body as it causes a lot of detrimental effects including brain damage. What's more, marijuana is a gateway drug that leads people to move on to harder and more dangerous drugs. It is a terrible thing for children to have access to marijuana and expose children to marijuana abusers. I also don't want my daughter think that marijuana plants growing in our living community and along the walkway to school is a normal thing. More dangerous drivers induced by marijuana will further damage the peace of the community.

Therefore, I believe marijuana will definitely bring much more damage than short-term economic benefits to the community. As people who want to live in a healthier community moving out and more marijuana abuser moving in, this paradise will finally and soon turn into hell.

I hope you could consider my concerns and think a long run for the beautiful kids who live in this community and the future of the community.

Best regards,  
Shuangtao

### **FDA and Marijuana: Questions and Answers**

Office of the Commissioner

Questions and answers about FDA and marijuana

## Riley Millard

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**From:** Tony Gao <tonygao15@gmail.com>  
**Sent:** Thursday, March 14, 2019 2:54 PM  
**To:** Board  
**Subject:** No Marijuana

Dear Meridian Township Board,

I am Tong Gao, a professor at MSU, and a resident in Okemos. I have strong concerns about the recent Marijuana zoning ordinance, and I am strongly against it. The township should be proud of its value of high quality schools and family friendly community. Nevertheless, introduction of marijuana will change everything in the long term, with increasing crime rate and safety issues. The loss will be huge compared to the possible short-term economic benefits. I am actually surprised to see motions like this to occur in Meridian or East Lansing. Please keep marijuana away!

Sincerely,  
Tong Gao  
4381 Alderwood Dr. Okemos 48864

## Riley Millard

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**From:** Xiaoming Liu <xiaoming.lxm@gmail.com>  
**Sent:** Thursday, March 14, 2019 2:57 PM  
**To:** Board  
**Subject:** Marijuana stores should NOT be opened

Dear Meridian Township Board,

I am Xiaoming Liu, a Professor in Michigan State University and a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for 7 years and really feel proud of our community and neighborhood. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a mom with two young school-age sons. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. In fact, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with similar education background have similar concerns. Please keep marijuana away from our kids and our neighborhood!

Respectfully,  
Xiaoming Liu

Home address: 2607 Sophiea Pkwy, Okemos MI 48864

## Riley Millard

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**From:** xuefei hao <yalehxf@gmail.com>  
**Sent:** Thursday, March 14, 2019 3:05 PM  
**To:** Board  
**Subject:** Against planting marijuana and opening cannabis shop!

To whom it may concern,

I am Xuefei Hao, a current resident in East Lansing. I heard that you plan to plant marijuana, and open cannabis shops in Okemos and East Lansing area. This is a terrible news for my entire family and all my friends! We all think it will destroy our kids and community in near future. Human beings should control this kind of desires. For us, marijuana is "drug". Do not ruin our kids and lives! If you insist to do so, it may result in the loss of your valuable residents and tax income: we and our friends may move out from this area. **The re-election of Meridian Township board members will be started next year in 2020. we and all our friends and will not vote for you next November, if the ordinance is approved.**

Please consider this seriously!

Thanks,  
Xuefei Hao  
Home address: 2189 Burcham Dr. East Lansing. MI 48823

## Riley Millard

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**From:** Ming Han <hanmsym@gmail.com>  
**Sent:** Thursday, March 14, 2019 3:11 PM  
**To:** Board  
**Subject:** Oppose Proposed Marijuana Dispensary in Meridian Township

Ming Han  
2305 Knob Hill Dr.  
Apt 12  
Okemos, MI 48824

Dear Meridian Township Board,

My name is Ming Han, an Okemos resident that just moved here from Lincoln, Nebraska in early 2018. I am writing to oppose the recent movement toward allowing medical marijuana business to set up shops in Meridian township.

My concern is mostly about children. And I believe you all agree with me that their safety and well-being should be our priority. A marijuana dispensary, no matter medical or recreational, does not belong next to us. There are several significant concerns:

- 1) A marijuana dispensary could significantly increase the chances of drivers under the influence in the area near the facility.
- 2) It would give the children much easier opportunities to access marijuana.
- 3) The easy access to marijuana could also give the children a false impression of the safety of marijuana.
- 4) It could bring crime to the area.

I totally understand that marijuana can have legitimate medical benefits, but we should also be aware of the major risks that medical marijuana dispensaries might pose to children. I also understand the short-term economic benefit that could bring to the township, but in the long run, marijuana dispensaries could hurt the income of the township by losing many residents with concerns on the risks to their children.

As I am living in an apartment now and actively looking for a house, I have never thought about anywhere else other than Okemos because of its excellent schools. However, if Meridian Township allows marijuana facility nearby our kids, I would seriously consider a different place.

Thank you for your consideration.

Best regards,

Ming Han

## Riley Millard

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**From:** GS N <gracesunorris@gmail.com>  
**Sent:** Thursday, March 14, 2019 3:15 PM  
**To:** Board  
**Subject:** Marijuana Stores Should Not Be Opened In Meridian Township

To Whom It May Concern,

My name is Grace Norris. I strongly disagree with opening Marijuana stores in Meridian Township for the following reasons:

It does not help the State/County/Township economy.

It is not in accordance with Pure Michigan nor in line with environment-friendly.

It will make the community unsafe.

It will lower the quality of our community.

The existence of marijuana stores would not help the economy nor tax eventually because the cost of fixing issues caused by the easy access to marijuana is bigger than the revenue according to statistics in Colorado.

it would not comply with Pure Michigan. Waters will be impacted; Air will be toxic thus the rest residents would have to breathe second-hand marijuana smoke.

When easy access Marijuana stores are open in our community, irresponsible people would try them with overdose, driving under influence, causing more traffic accidents, even stealing in occasions of lack of money and losing behavioral control. Do you want this?

We live in a school district with a strong educational program. Allowing Marijuana stores open and with the foreseeable issues, it would impose a poor impression on our community, therefore, Meridian Township would lose attraction to business investments. Eventually, our community would become economically weak area: less business and low employment. Do most people want this? I do not wish our community to be viewed as a cheap unsafe place.

If we allow marijuana stores to be opened, it would be difficult to control the number of consumers purchasing products. I do not wish for drugs to have a negative effect on our community. Slowly our community would become unsafe, and people would start moving out.

Haslett is mainly a residential community for long-term living and raising children, with some small companies and businesses. We should protect the safety and health of our schools as a priority. Opening a marijuana store would impose a negative impression on our children. I'm afraid this would influence our children to inhabitant the drug.

To satisfy a small group of people with marijuana needs, we would be sacrificing our community's high reputation. On niche, Meridian Township is coming back to a good place to live in the United States. I wish for the upward progress of our community.

While I understand and respect the need of others in my community who seek marijuana, I believe the opening of marijuana stores in a public busy area would have a negative impact on our community as a whole and the impression on our children growing up.

I also understand that you have been working hard to improve our community, and I believe in the future you will continue to make Meridian Township a better place to live. My family and I thank you for your efforts towards our community.

Sincerely,

Grace Norris

Please don't hesitate to contact me by

[gracesunorris@gmail.com](mailto:gracesunorris@gmail.com)

425-449-2943

5574 White Ash Lane, Haslett MI 48840

## Riley Millard

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**From:** John Zheng <jhn\_zheng@yahoo.com>  
**Sent:** Thursday, March 14, 2019 3:24 PM  
**To:** Board  
**Subject:** Please Do Not Open Marijuana Stores

To Whom It May Concern,

My name is John Zheng and I live in Okemos. Regarding the new proposal on marijuana, I strongly disagree with opening Marijuana stores in [Meridian township](#) for the following reasons:

1. It will lower the quality of our community.
2. It will make the city unsafe.

We live in a school district with a strong educational programs. The existence of marijuana stores would impose a poor impression on our community, affecting real estate prices, causing our homes values to go down. Okemos would lose attraction to the wealthy. I do not wish our community to be viewed as a cheap place.

If we allow marijuana stores to be opened, it would be difficult to control the amount of consumers purchasing products. I do not wish for drugs to have a negative effect on our community. Slowly our community would become unsafe, and people would start moving out.

Okemos is mainly a resident community for long-term living and raising children, with few big companies and businesses. We should protect the safety and health of our schools as a priority. Opening a marijuana store would impose a negative impression on our children. I'm afraid this would influence our children to inhabitant the drug.

To satisfy a small group of people with marijuana needs, we would be sacrificing our community's high reputation. On niche, okemos is ranked as the #4 best place to live in United States. I wish for the upward progress of our community.

<https://www.lansingstatejournal.com/story/life/2017/04/21/okemos-ranked-no-4-best-places-live/100750394/>

While I understand and respect the need of others in my community who seek marijuana, I believe the opening of marijuana stores in a public busy area would have a negative impact on our community as a whole and the impression on our children growing up.

I know you have worked hard to improve our community, and I believe in the future you will continue to make [Meridian Township](#) a better place to live. My family and I thank you for your efforts towards our community.

Sincerely,

John Zheng

(P): [\(734\)-239-3604](tel:(734)239-3604)

## Riley Millard

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**From:** t t <tiaotiao\_a2@hotmail.com>  
**Sent:** Thursday, March 14, 2019 3:24 PM  
**To:** Board  
**Subject:** STRONG CONCERNS about the recent Meridian Township marijuana zoning ordinances

Dear Meridian Township Board,

I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances. I am living in Okemos and really feel proud of our community and neighborhood. Our family chose to live in Okemos because of its safe, high quality schools and family friendly communities. Now I am worried that allowing marijuana businesses in our community would affect all of these.

In the long-run, it will destroy our community's tradition. It will increase our kids' exposure and access to marijuana. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment.

In addition, according to an analysis from the Washington Post, wholesale marijuana prices are dropping at insane rates in states that have legalized. This means that the tax revenue generated by marijuana business will decrease sharply in a few years.

Many families with kids in our neighborhood and schools share the same concerns as we do. We urge the Board to consider our concerns and vote to prohibit marijuana businesses in our township.

Thank you for making our township a better place to live!

Zhen Qiu  
and  
Jing Chen

Home Address:  
1526 Belvedere Ave, Okemos, MI, 48864

## Riley Millard

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**From:** Selena Zhang <selena1207@hotmail.com>  
**Sent:** Thursday, March 14, 2019 3:26 PM  
**To:** Board  
**Subject:** Resist Marijuana

To whom it may be concerned,

I am a resident of Okemos. I heard that marijuana zoning ordinances are under discussing by the Board. I want to express my object opinion on the whole planning.

My family immigrated here two years ago due to the high qualified education and good neighborhood. My son goes to middle school in Okemos now, and planned to continue to study here until high school graduate. He has excellent scores and gains a lot of confident of being a contribution person in the future here. As a parent, I put much emphasis on kid's education, and cares about the growing environment of him, which should be benefit for his growing, and in return he can contribute to this society. But recently the marijuana legalized bothers me a lot. I think it will definitely has bad influent on kids, which may cost a lot for government to educate students in the future, not mention the result of the education. It will be a threat for kids, family and community. I cannot understand why it was legalized. I think every good thing should be encouraged, and bad things should be banned by authority. If the marijuana zoning become truth, I would rather move out of here, maybe back to my coming place, from which I thought here should be a paradise for children.

Thank you for taking time to read my letter, and I hope you can consider about my feelings just like other caring and upright parents. I believe the children are not only the hope of family, but also the whole country. Think about them!

Best regards,  
Shu Zhang  
2266 Knob Hill Dr. Apt.3 Okemos 48864

## Riley Millard

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**From:** Songqing Jin <songqingj@gmail.com>  
**Sent:** Thursday, March 14, 2019 3:35 PM  
**To:** Board  
**Subject:** Concern about Legalization of Marijuana Business in Meridian Township

Dear Meridian Township Board,

My name is Songqing Jin. My wife and I have lived in Okemos for 8 years with two young children. I write to voice my strong concern about the legalization of the growing and dispensary of medical marijuana in Meridian township. Making the marijuana business legal in Meridian will not create a healthy environment for our community, especially for our children. What kind of message would we be sending to our children about drug use and addiction if our township becomes a site for producing and selling marijuana? If you encourage the marijuana business to take root in Meridian township, all our children will become the first targeted customers down the road. If this happens, how will you hope to encourage students to develop a good work ethic and self-discipline? How will you hope to create productive citizens who can contribute to the economy later on in ways other than growing and selling marijuana and other drugs? This will have a long-term negative impact on the economy of not only Meridian but also Michigan.

Making the marijuana business legal in Meridian will also attract drug users and drug dealers to our community which will hurt the safety of community cause housing value to decline. If I had known that Meridian would be in danger of becoming a heaven for drug producers and drug users, I would not have chosen to buy a house in Okemos and pay the high property taxes. The legalization of the marijuana business in Meridian township is against the long-term economic and social interests of the majority of the families here.

I sincerely hope you could seriously consider our concerns.

Respectfully,

Songqing Jin

Home address: 1931 Atherton Way, Okemos, MI 48864

## Riley Millard

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**From:** Honglei Chen <chenhonglei2012@gmail.com>  
**Sent:** Thursday, March 14, 2019 3:41 PM  
**To:** Board  
**Subject:** Marijuana Stores Should NOT Be Opened

Dear Meridian Township Board,

I am Honglei Chen, and currently a resident in Okemos.

I object to the legalization of the growing and dispensary of medical marijuana in Meridian township. Making the marijuana business legal in Meridian will not create a healthy environment for our children. Allowing multiple dispensaries to be set up in our township has a high potential of leading to abuse. It will increase public security costs and tarnish the family friendly image of Okemos. What kind of message would we be sending to our youngsters about drug use and addiction if our township becomes a site for producing and selling marijuana? The younger generation of today is already addicted to social media, video games, etc. If you encourage the marijuana business to take root in Meridian township, all our children will become the first targeted customers down the road (when medical marijuana producers lobby for the legalization of recreational marijuana as well). Marijuana will become yet another addiction prevalent among our youngsters. If this happens, how will you hope to encourage students to develop a good work ethic and self-discipline? How will you hope to create productive citizens who can contribute to the economy later on in ways other than growing and selling marijuana and other drugs? This will have a long-term negative impact on the economy of not only Meridian but also Michigan. If I had known that Meridian would be in danger of becoming a site where the marijuana business proliferates and of corrupting its school districts, I would not have chosen to buy a house in Okemos and pay the high property taxes. The legalization of the marijuana business in Meridian township is against the long-term economic interests of the majority of the families here. I adamantly oppose it. I sincerely hope you could seriously consider our concerns.

Respectfully,  
Honglei Chen  
Home Address: 4376 OKEMOS RD, APT C115.

## Riley Millard

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**From:** Tim O'NEILL <arrestu@comcast.net>  
**Sent:** Thursday, March 14, 2019 3:55 PM  
**To:** Board  
**Subject:** Marijuana zoning

Tim O'NEILL 1560 Birchwood Dr. Okemos.

I'm against zoning for marijuana. Growing and sales

## Riley Millard

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**From:** zhang yin <yinzhang99@gmail.com>  
**Sent:** Thursday, March 14, 2019 3:58 PM  
**To:** Board  
**Subject:** Marijuana Zoning

Dear Meridian Township Board,

I am Yin Zhang and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for 15 years and really feel proud of our community and neighborhood. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family. I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a mom with three sons. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,  
Yin Zhang , Yimin Xiao  
Home address: 4223 Mariner Lane, Okemos , MI 48864

## Riley Millard

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**From:** my1314melody@yahoo.com.tw  
**Sent:** Thursday, March 14, 2019 4:10 PM  
**To:** Board  
**Subject:** Okemos

Dear Meridian Township Board,

I am Tsaii and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for 10 years and really feel proud of our community and neighborhood. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a mom with two young school-age sons. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,  
Tsaii Liu, PE,RA  
Professional Engineer (Civil)& Registered Architect PE (VA, GU, FL, MI ,WA, OR),RA (MD,GU,MI)

Home address: 4695 Kingswood Dr  
Okemos 48864 MI

## Riley Millard

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**From:** Hong L. <honglin2005@gmail.com>  
**Sent:** Thursday, March 14, 2019 4:12 PM  
**To:** Board

Dear Board Members,

My name is Hong Lin, a resident with Okemos since 2006. I am writing this e-mail to express my frustrations of learning the plan of the potential Marijuana Facilities are being built in Okemos.

We moved to Michigan in the summer of 2005 from California. While we were renting in East Lansing, we did researches and made the decision to buy a house in Okemos and settled in this neighborhood in the Spring of 2006. Since then, we fully enjoyed the well-educated and generous neighbors, safe environments and diverse cultures Okemos has been offering to its residents. When we traveled out of the town, we were always proud to introduce ourselves to strangers we met during the trip that we were from Okemos, Michigan. And, many times, there were people responded to us with "I/we knew Okemos!" Then, all the sudden, various beautiful memories were brought up! Life-long stories about the old high school, currently Chippewa Middle school, weddings held in the historical village, famous township fair works, fine dining experiences with local restaurants, strong athletic influences, and many other inspiring events. Even, one businessman shared with us that his favorite attorney was from Okemos. They have been working together for more than two decades! All are pleasant stories about Okemos!

Do we need to damage and change the established Brand Name of Okemos to the hometown of Marijuana Facilities? True, they will bring the revenues. But the negative effects will cause more problems in the long run – in a costly way. And, as the resident, we have been paying a decent amount of Property Taxes. The average range of annual property tax of my neighbor is \$5,000 to \$10,000. Would these incomes not good enough to maintain the city we love? If there is a shortage, then raise the property tax, or find other reasonable and healthy sources to balance the book.

I truly believe that the board members will consider the whole picture and provide us the best options!

Respectfully,

Hong Lin

Home Address: 1300 Sweetwood Dr. Okemos, MI 48864

## Riley Millard

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**From:** Zhang, Jack (DTMB) <ZhangJ@michigan.gov>  
**Sent:** Thursday, March 14, 2019 4:16 PM  
**To:** Board  
**Subject:** Please Vote Against Marijuana in Meridian Township!!!!

Marijuana is not good for the township, the kids, the people, the school, the community. the society!! Please Vote Against Marijuana in Meridian Township!!

My name is haibiao zhang and I live in 4719 Powell Road, Okemos, MI.

*Jack Zhang*

IT Manager  
Department of Technology, Management & Budget  
[zhangj@michigan.gov](mailto:zhangj@michigan.gov)  
Office: 517-241-2927  
Cell: 517-242-4525



**HELP. CONNECT. SOLVE.**

## Riley Millard

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**From:** ning niou <ningniou66@yahoo.com>  
**Sent:** Thursday, March 14, 2019 4:17 PM  
**To:** Board  
**Subject:** Opposition to Zoning for growing marijuana

My name is Yungning Niou, resident at 1466 Mercer Dr.

I truly don't think growing marijuana in this township will bring in any long term economic benefit at all.

Most importantly, marijuana is a drug that has many controversial medical effects on human bodies and mind. Why bother to lead, to temp our young lives into such a dangerous situation-addiction to substance- that they may do more harm than good physically and mentally?

Sent from my iPhone

## Riley Millard

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**From:** Chen, Haomin <chenhaom@msu.edu>  
**Sent:** Thursday, March 14, 2019 4:24 PM  
**To:** Board  
**Subject:** Strongly Against the Opening of Marijuana Stores in Meridian Township

To Whom It May Concern,

Thank you for accepting responses from the community on this important decision.

I am greatly concerned about the potential opening of marijuana stores in the Meridian Township. If the selling and planting of recreational marijuana were approved, it would no doubly cast very negative influence on the living environment for the residents, especially negatively affecting the up-bringing of our children and youth!

I am fine with medical use of marijuana. However, making it recreational and opening multiple stores in the area would almost make the drug freely accessible. This would have unmeasurable negative effects on economics, safety and the overall value of our community.

The schools have been working very hard to keep our youth from the drugs. Making marijuana easily available is not respecting all the investment the schools have put in the wellbeing of our young people. It is heartbreaking to think about all the foundation the schools have been building little by little would face disruption, because of the environment these stores would throw the kids in. Allowing these stores to open is to allow the temptation to increase dramatically in their surroundings. We already have some drug abuse problems in the schools. Opening these stores is indeed counterproductive while educators and parents are trying so hard to stay proactive in drug abuse prevention for the youth.

Would the economic benefit really be worth that much, more than the precious wellbeing and future of our next (and the next...) generation?

Meridian Township is a great place to live, study and raise families. But would people still be interested in moving here if marijuana is freely accessible here?

Using marijuanas could be just the beginning leading to other worse drugs, which would put people in greater danger of addition, long term health problems, and economic strain. Furthermore, it can be a public safety hazard! There would be more people driving under the influence of marijuana, more accidents on the road, more tax dollars spent remediating the consequences. Eventually the community has to pay for all these. The sacrifice is simply too huge to ignore.

I would like to urge the Board to consider all the concerns from the community members and vote to ban the recreational marijuana businesses in our township.

Thank you for striving to make our township a safe place to live!

Haomin Chen  
517-980-2168  
2374 Burcham Dr. East Lansing, MI 48823 (belongs to Meridian Township)

## Riley Millard

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**From:** David Hagan <dhsurg@icloud.com>  
**Sent:** Thursday, March 14, 2019 4:28 PM  
**To:** Board  
**Cc:** Patty  
**Subject:** Vote on marijuana businesses

I wanted to voice my opinion on the proposed marijuana businesses. I am against having them in Meridian Township. That isn't the kind of community that I want to live in. Thank you.  
Patricia Hagan

Sent from my iPad

## Riley Millard

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**From:** Sue Wang <suewang\_ou@hotmail.com>  
**Sent:** Thursday, March 14, 2019 4:38 PM  
**To:** Board  
**Subject:** Please vote NO on opening Marijuana Stores in Meridian Township

Dear Members of Meridian Township Board,

My name is Suning Wang, a homeowner of Meridian Township. I'm writing to address my concerns about opening stores to sell Marijuana in Meridian Township.

The proposal of opening Marijuana business in Meridian township scared many residents in this area, including me, a mother of two young children. We pay premiums for housing and high property taxes of Meridian Township, in order to provide a safe, family friendly neighborhood for our kids.

Researches show that Marijuana use remains more prevalent in the population with less education, and over 95% of marijuana users admitted that they had driven under the influence of Marijuana at least once. We don't want to see the school kids in Meridian Township get easy access to Marijuana, and don't want to see the Marijuana business hurt the value of our communities.

We appreciate that you take into consideration of concerns and worries of Meridian residents, when you vote.

Best Regards,

Suning Wang  
2176 Sacramento Way, East Lansing, MI 48823  
517-505-0881

## Riley Millard

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**From:** Yangfan (Phoebe) Liu <liu.yangfan@gmail.com>  
**Sent:** Thursday, March 14, 2019 4:42 PM  
**To:** Board  
**Cc:** yuying xie  
**Subject:** NO marijuana store in Meridian, Please!

Dear Meridian Township Board,

Our names are Yangfan Liu and Yuying Xie, the homeowners of and the residents at 2165 Long Leaf Trl, Okemos, MI. We are writing to express our strong concerns about the recent Meridian Township marijuana zoning ordinances, including the harmful impacts the marijuana stores were going to have on the children, the safety in the neighborhood, and the real estate market.

On [niche.com](http://niche.com), Okemos is ranked as the #8 best place to live in the United States. Ever since we moved here in 2015, we've been proud of the excellent wonderful school district and family-friendly community. Now if there are going to be marijuana stores (up to six!) around, we are very concerned the dramatically increased chance of our two kids exposure to it. Also, the customers who need marijuana and come to shop from other places will also add to concerns to the safety in the community. We believe many families share these concerns with us. We used to think both our kids (still preschooler and elementary) will stay and graduate from Okemos High one day. Now, we are not quite sure about it because of the foreseen problems coming with marijuana stores. If more and more families stop view Okemos as a family-friendly educational town for children, I think the long-run harm on the real estate market and other economic aspects of the township will outweigh the short-term tax income from the marijuana stores.

With the faith in the board members to make the choice that in long-run benefits the township and its residents, I sincerely ask you to consider our concerns and vote "No" for marijuana stores in our lovely hometown.

Respectfully,  
Yangfan Liu and Yuying Xie  
Home address: 2165 Long Leaf Trl, Okemos, MI

## Riley Millard

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**From:** Amanda Zhang <zhangmanaz@gmail.com>  
**Sent:** Thursday, March 14, 2019 4:42 PM  
**To:** Board  
**Subject:** Ban Marijuana

Dear Meridian Township Board,

I'm Man Zhang. I've been Okemos resident since 2014. I'm writing to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

Okemos is one of the best places to live in the United States. It has highly educated residents, high quality schools and family friendly communities. However, allowance of marijuana in this area may change it fundamentally towards severe negative way.

I have 3 school age kids expected to grow up in the peaceful well-maintained community. If allowing marijuana business in this area, it will increase our kids to be exposed to access it. In addition, it will incur security and safety concerns as illegal marijuana users can be attracted to our society. I've spoke to some of my family friends of Okemos residents. We all express our big concerns about it and will seriously consider moving out of this area if it starts in practice.

Nearly 300 communities across Michigan have voted to prohibit marijuana businesses. 75 percent of communities in Colorado, the first state to legalize marijuana, have decided to ban the businesses. And there are reasons why others said NO to marijuana businesses. When more and more american realize negative impacts of marijuana, allowing marijuana in Meridian and spread negative signals to our kids, our safe society, our future of living conditions will be unwise decision without fully consideration to my understanding.

I sincerely hope you could seriously consider my concerns, the future of the community and the future of kids.

Thank you.  
Man Zhang  
1268 Sebewaing Rd. Okemos, MI, 48864

## Riley Millard

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**From:** Jingjing Chang <jingjing.chang1@gmail.com>  
**Sent:** Thursday, March 14, 2019 4:53 PM  
**To:** Board  
**Subject:** Strong Objection on Opening Marijuana Business in Meridian Township

Dear Meridian Township Board,

I am writing this letter to express my strong objection about the recent Meridian Township marijuana zoning ordinances.

We have been living in Okemos since 2012 and we chose this unique place to settle down because of its high quality of education within this area and its safety. The Township's recent marijuana zoning ordinances made me deeply worried about our children and future generations.

I understand the appeared short-term economic benefit that marijuana business is assumed to bring into to the State. However, I do not believe the benefits would overcome the risks and lost we will have to face if we open up the business for our township, especially in the long-run. It will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a mom with two young school-age sons.

Haven't we had enough issues to deal with already? The roads, the healthcare, the retirement plan, the education, the environment, and the list can go on and on. I sincerely appreciate the opportunity to expense my concerns and thank you for your time and consideration.

Please keep marijuana away from our Township! Let's protect our beautiful community, as well as the youngsters for the future.

Respectfully,

Jingjing Chang  
4158 Usiak cir.  
Okemos, MI 48864

## Riley Millard

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**From:** Yan liu <susieyanliu@yahoo.com>  
**Sent:** Thursday, March 14, 2019 4:57 PM  
**To:** Board  
**Subject:** Re: Please keep marijuana away from our kids and our neighborhood

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>  
> Dear Meridian Township Board,  
>  
> I am Yan Liu and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.  
>  
> I've been living in Okemos for 12 years and really feel proud of our community and neighborhood. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a mom with two young school-age daughters. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.  
>  
> I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!  
>  
> Respectfully,  
> Yan Liu  
> Home address: 1264 Sweetwood Drive, Okemos, MI 48864  
>  
> Sent from my iPhone

## Riley Millard

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**From:** Zhenmei Zhang <zhenmeizh@yahoo.com>  
**Sent:** Thursday, March 14, 2019 4:59 PM  
**To:** Board  
**Subject:** marijuana

Dear Meridian Township Board members,

I am a resident (1253 Mizzen, Okemos) in the township for 12 years and am concerned about the marijuana zoning ordinance. I am against allowing the growth of marijuana near our k-12 schools. I hope the board can consider the long-term impact of their decisions on families with children in the township.

Thanks,  
Zhenmei Zhang

## Riley Millard

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**From:** Hu, Jian <hujian1@msu.edu>  
**Sent:** Thursday, March 14, 2019 5:02 PM  
**To:** Board  
**Subject:** Strong objection

Hi there,

My ten years old son is schooling in Okemos. I strongly object the proposal that medical marijuana planting in Okemos.

My name is Jian Hu, address 2189 Burcham Drive, East LANSING, MI 48823

Jian

Sent from my iPhone

## Riley Millard

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**From:** max hsu <hsu.maximus@gmail.com>  
**Sent:** Thursday, March 14, 2019 5:13 PM  
**To:** Board  
**Subject:** I oppose marijuana in Meridian township

I object to the legalization of the growing and dispensary of medical marijuana in Meridian township. Making the marijuana business legal in our township will not create a healthy environment for our children. Allowing multiple dispensaries to be set up in Meridian has a high potential of leading to abuse. It will increase public security costs and tarnish the family friendly image of Okemos. What kind of message would we be sending to our youngsters about drug use and addiction if our township becomes a site where the marijuana business proliferates? If you encourage the marijuana business to take root in Meridian township, all our children will become the first targeted customers down the road (when medical marijuana growers lobby for the legalization of the selling and buying of recreational marijuana). Although the law may say that pot cannot be sold to children, how much police force would you have to allocate in order to enforce this law? Marijuana will become yet another addiction prevalent among our youngsters. If this happens, how will you hope to encourage students to develop a good work ethic and self-discipline? How will you hope to create productive citizens who can contribute to the economy later on in ways other than trading marijuana and other drugs? This will have a long term negative impact on the economy of not only Meridian but also Michigan. If we had known that Meridian would be in danger of letting marijuana corrupt its school districts and deflating its real estate market, we would not have chosen to buy a house in Okemos and pay the high property taxes. The legalization of the marijuana business in our township is against the long-term economic interests of the majority of the families here. I adamantly oppose it.

Max Hsu  
3717 Fairhills Dr.  
Okemos, MI 49964

## Riley Millard

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**From:** Na Li <joicy.li0919@gmail.com>  
**Sent:** Thursday, March 14, 2019 10:36 PM  
**To:** Board  
**Subject:** Marijuana Stores Should Not Be Opened In Meridian Township

Dear Meridian Township Board,

I am Na Li and currently a resident in Okemos. I write to express my strong concerns about the recent Meridian Township marijuana zoning ordinances.

I've been living in Okemos for almost 3 years and really feel proud of our community and neighborhood. Our family choose to live in Okemos because of its high quality schools and family friendly communities. The Township's recent marijuana zoning ordinances really raised concerns for our family (and also, I believe, many other families who share our values). I understand the appeared short-term economic benefit that marijuana business is assumed to bring to the Township. However, I believe in the long-run, it will destroy our community's tradition, known for its family friendly atmosphere. It will increase our kids' exposure and access to marijuana, which is the worst thing I want to see as a mom with a young school-age son. It may also affect the safety of our neighborhood due to the very likely increased rate of illegal marijuana use. Seriously, the marijuana business is the biggest reason now for our family to consider moving out of this area because we want our kids to be raised in a safe and friendly environment. I believe there are other families like us who share our concerns. More families with kids may move out which may hurt the housing market and economy of Okemos in a long-run.

I sincerely hope you could seriously consider our concerns. I know many families with kids have similar concerns. Please keep marijuana away from our kids and our neighborhood! Thank you for helping us make a difference in our community!

Respectfully,

Na Li

Home address: 5231 Madison Avenue apt B 11 Okemos

## Riley Millard

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**From:** xia gao <xiagao.gaoxia@gmail.com>  
**Sent:** Friday, March 15, 2019 11:55 AM  
**To:** Board  
**Subject:** On growing and dispensary of medical marijuana

I object to the legalization of the growing and dispensary of medical marijuana in Meridian township. Making the marijuana business legal in Meridian will not create a healthy environment for our children. Allowing multiple dispensaries to be set up in our township has a high potential of leading to abuse. It will increase public security costs and tarnish the family friendly image of Okemos. What kind of message would we be sending to our youngsters about drug use and addiction if our township becomes a site for producing and selling marijuana? The younger generation of today is already addicted to social media, video games, etc. If you encourage the marijuana business to take root in Meridian township, all our children will become the first targeted customers down the road (when medical marijuana producers lobby for the legalization of recreational marijuana as well). Marijuana will become yet another addiction prevalent among our youngsters. If this happens, how will you hope to encourage students to develop a good work ethic and self-discipline? How will you hope to create productive citizens who can contribute to the economy later on in ways other than growing and selling marijuana and other drugs? This will have a long-term negative impact on the economy of not only Meridian but also Michigan. If I had known that Meridian would be in danger of becoming a site where the marijuana business proliferates and of corrupting its school districts, I would not have chosen to buy a house in Okemos and pay the high property taxes. The legalization of the marijuana business in Meridian township is against the long-term economic interests of the majority of the families here. I adamantly oppose it.

Xia Gao

3659 Powderhorn Okemos, MI 48864

Sent from my iPhone

<p><b>PROPOSED BOARD MINUTES</b></p>
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**PROPOSED MOTION:**

**Move to approve and ratify the minutes of the Regular Meeting of March 5, 2019 as submitted.**

**ALTERNATE MOTION:**

**Move to approve and ratify the minutes of the March 5, 2019 Regular Meeting with the following amendment(s):  
[insert amendments]**

CHARTER TOWNSHIP OF MERIDIAN  
TOWNSHIP BOARD REGULAR MEETING **-DRAFT-**  
5151 Marsh Road, Okemos MI 48864-1198  
853-4000, Township Hall Room  
TUESDAY, MARCH 5, 2019 **6:00 pm.**

PRESENT: Supervisor Styka, Clerk Dreyfus, Treasurer Deschaine, Trustees Jackson, Opsommer, Sundland, Wisinski

ABSENT:

STAFF: Police Chief Plaga, Information Technology Director Gebes, Community Planning and Development Director Kieselbach, Principal Planner Menser, Chief Engineer Ishraidi.

1. CALL MEETING TO ORDER

Supervisor Styka called the meeting to order at 6:00 pm.

2. PLEDGE OF ALLEGIANCE/INTRODUCTIONS

Supervisor Styka led the Pledge of Allegiance.

3. ROLL CALL

The Recording Secretary called the roll of the Board.

4. PRESENTATIONS - NONE

5. CITIZENS ADDRESS AGENDA ITEMS AND NON-AGENDA ITEMS

Supervisor Styka opened public remarks at 6:02 pm.

Lynne Page, 3912 Raleigh Dr., Okemos; spoke in opposition to Medical Marihuana Non-Zoning Ordinance – Introduction (Agenda Item 12A)

Bob Lovell, 6185 Craebear Tr., East Lansing; spoke as a resident of Meridian Township on concerns of Redi-Ride Millage (Agenda Item 13C)

John Fraser, 2290 Science Pkwy, Okemos; spoke in support of Agenda Item 12A.

Ody Nortin, 3803 Sandlewood Dr., Okemos; spoke in opposition to Agenda Item 13C.

Gerald Griffin, 9212 Corriander Way, Brighton; spoke in support of Agenda Item 12A.

Fred Wurtzel, 1212 N. Foster, Lansing; spoke in opposition of Agenda Item 13C.

Supervisor Styka closed public remarks at 6:21 pm.



**Clerk Dreyfus moved that the communications be received and placed on file and any communications not already assigned for disposition be referred to the Township Manager or Supervisor for follow-up. Seconded by Treasurer Deschaine.**

ROLL CALL VOTE: YEAS: Treasurer Deschaine, Supervisor Styka, Clerk Dreyfus,  
Trustees Jackson, Wisinski, Sundland, Opsommer

NAYS:  
Motion carried 7-0

B. Minutes – February 19, 2019 Regular Meeting

**Clerk Dreyfus moved to approve and ratify the minutes of the Regular Meeting of February 19, 2019 as submitted. Seconded by Treasurer Deschaine.**

ROLL CALL VOTE: YEAS: Treasurer Deschaine, Supervisor Styka, Clerk Dreyfus,  
Trustees Jackson, Wisinski, Sundland, Opsommer

NAYS:  
Motion carried 7-0

C. Bills

**Clerk Dreyfus moved to approve that the Township Board approve the Manager’s Bills as follows, seconded by Treasurer Deschaine:**

<b>Common Cash</b>		\$	77,375.19
<b>Public Works</b>		\$	79,937.74
<b>Trust &amp; Agency</b>		\$	11,137,428.88
	<b>Total Checks</b>	\$	11,294,741.81
<b>Credit Card Transactions</b>		\$	10,974.85
Feb. 14 to 27			
	<b>Total Purchases</b>	\$	<u>11,305,716.66</u>
<b>ACH Payments</b>		\$	<u>457,769.46</u>

ROLL CALL VOTE: YEAS: Treasurer Deschaine, Supervisor Styka, Clerk Dreyfus,  
Trustees Jackson, Wisinski, Sundland, Opsommer

NAYS:  
Motion carried 7-0

D. Sierra Ridge #2 & #3 Streetlighting-SAD 426-Resolution #5

**Clerk Dreyfus moved to approve the Sierra Ridge #2 & #3 Public Streetlighting Improvements Special Assessment District #426 - Resolution #5, which approves the final special assessment roll, adopts the amount of \$3,605.76 (\$103.02/lot) as the first year assessment and the amount of \$1,727.88 (\$49.37 /lot) (subject to adjustment) as the annual assessment thereafter. Seconded by Treasurer Deschaine.**

ROLL CALL VOTE: YEAS: Treasurer Deschaine, Supervisor Styka, Clerk Dreyfus, Trustees Jackson, Wisinski, Sundland, Opsommer

NAYS:  
Motion carried 7-0

10. QUESTIONS FOR THE ATTORNEY - NONE

11. HEARINGS

A. Georgetown #4 Public Streetlighting SAD #427-Resolution #5

Chief Engineer Ishraidi introduced and explained the Special Assessment District proposal.

**Supervisor Styka opened the hearing at 6:31 pm.**

**Supervisor Styka closed the hearing at 6:32 pm.**

12. ACTION ITEMS

A. Medical Marihuana Non-Zoning Ordinance - **Introduction**

**Clerk Dreyfus moved to approve the resolution for the introduction of the amendment to the Code of Ordinances to add Chapter 40 Commercial Medical Marihuana Facilities and amend the Township Fee Schedule to include an Initial Application Fee of \$5,000 and Annual/Renewal Application Fee of \$5,000. Seconded by Trustee Sundland.**

Board discussion: Compromises made along the way, opposition to voting on matter due to upcoming joint meeting with Planning Commission, addition of revocation clause, will be an opportunity to adjust ordinance at Final Adoption, Zoning Ordinance as it relates to non-zoning ordinance, Planning Commission concerns.

**Trustee Opsommer moved to table the discussion and postpone action. Supported by Treasurer Deschaine.**

VOICE VOTE

TO POSTPONE ACTION: Motion passed 6-1 (Clerk Dreyfus)

B. Rezoning #18160 (Giguere) - **Introduction**

**Treasurer Deschaine moved to adopt the resolution to introduce Rezoning Petition #18160 for publication and subsequent adoption. Seconded by Trustee Jackson.**

ROLL CALL VOTE: YEAS: Trustees Opsommer, Wisinski, Jackson, Sundland, Treasurer Deschaine, Clerk Dreyfus, Supervisor Styka

NAYS:  
Motion carried 7-0

C. Rezoning #18150 (Township Board) – **Introduction**

**Trustee Opsommer moved to adopt the resolution to introduce Rezoning Petition #18150 for publication and subsequent adoption. Seconded by Trustee Jackson.**

Board discussion: Complexities of the land swap, recognition to staff for efforts.

ROLL CALL VOTE: YEAS: Clerk Dreyfus, Treasurer Deschaine, Supervisor Styka, Trustees Wisinski, Sundland, Opsommer, Jackson

NAYS:  
Motion carried 7-0

D. ZBA Appointment

**Trustee Jackson moved to approve the appointment made by Supervisor Styka of Courtney Wisinski, as the Township Board Representative, to the Zoning Board of Appeals for a term ending 11/20/2020. Seconded by Treasurer Deschaine.**

VOICE VOTE: Motion passed 7-0

13. BOARD DISCUSSION ITEMS

A. Elevation at Okemos Pointe Brownfield Plan

Principal Planner Menser provided an overview of the current phase of the project and the required transfer of the current brownfield plan from Ingham County to the Township Brownfield Redevelopment Authority (BRA).

Board discussion: Details of amendment process, impact of amendments on original agreements, ease of brownfield amendments at a Township level vs. the County level, checks and balances of County control of brownfield process, more control and oversight of plan with the Township, administrative fees charged by County, redirection of fees back to Township hands, benefits of Township-managed BRA for this project.

**Board consensus to put this item up for action at a future meeting.**

B. Biber Street Land Transfer

Director Kieselbach provided an overview of the proposed land transfer, location of the parcel, and its relation to the 425 Agreement area held with East Lansing.

Board discussion: Ownership of surrounding parcels, no possibility of road connection due to development of near-by apartments, no meaningful use of land.

**Board consensus to put this item up for action at a future meeting.**

### C. Redi-Ride Millage

Director Kieselbach provided an overview of the recommendation from the Meridian Township Transportation Commission (TC) as noted in the staff memo.

Chris Hackbarth, Transportation Commission Chair, explained the discussions at the TC and the details of recommendation.

Board discussion: millage increases and rates, time-frame of Redi-Ride contract expiration, CATA contract negotiations, TC meetings with CATA, TC members who voted against the recommendation, Redi-Ride fares, Redi-Ride costs and expense supplements from CATA, service expansions in hours / locations, need for competitive bid for new Redi-Ride service, citizen concerns with violations of fair bidding process, process of updating contract agreement, TC discussion of alternatives to current CATA-based Redi-Ride system, pros and cons of private-sector Uber type ride-sharing, possibility of a new millage that doesn't specify CATA, need to identify other local transportation providers, questions about potential lapse in service with new millage, potential use of multiple transportation providers, impact of grant expiration during new contract period, benefits and importance of competitive bidding process, promises made for many years to community for bid process and new contract, contract extensions in early 2020 to avoid service lapse, 19 years of sole-source contract with CATA with no changes to agreement, responsiveness of CATA to concerns, belief new Redi-Ride millage could compete with road funding millage, impacts of removing CATA as specified provider, Township Manager proposed possible RFP process, politicization of topic, competitive bidding could provide validation for CATA if they are selected as provider, likelihood of a new millage passing, Treasurer belief CATA was divisive issue in the past and that Redi-Ride run by CATA currently provides great service – Board should avoid contentious meetings by renewing current millage with CATA as sole service provider, allows Board to focus on roads and redevelopment.

**Board consensus to put this item up for action at the next meeting.**

### D. Time Limitations for Vending

Director Kieselbach provided an overview of the current time limitations for vendors per Township ordinances and explained a proposed change.

Board discussion: Home visitations after dark concerns some citizens, proposed limitations are reasonable, restricting door to door contact with the public before 6:00 PM could limit freedom of speech, question about non-zoning ordinance.

**Board consensus to put this item up for discussion at the next meeting.**

### E. Georgetown #4 Public Streetlighting SAD #427 – Resolution #5

Chief Engineer Ishraidi provided an explanation of the proposed Special Assessment District #427.

**Board consensus to put this item up for action at the next meeting.**

## 14. COMMENTS FROM THE PUBLIC

Supervisor Styka Opened Public Remarks at 8:23 pm.

Supervisor Styka Closed Public Remarks at 8:24 pm.

15. OTHER MATTERS AND BOARD MEMBER COMMENTS - NONE

16. ADJOURNMENT

**Trustee Opsommer moved to adjourn. Seconded by Treasurer Deschaine.**

VOICE VOTE:                      Motion carried              7-0

**Supervisor Styka adjourned the meeting at 8:25 pm.**

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RONALD J. STYKA,  
TOWNSHIP SUPERVISOR

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BRETT DREYFUS,  
TOWNSHIP CLERK



**To: Board Members**  
**From: Miriam Mattison, Finance Director**  
**Date: March 5, 2019**  
**Re: Board Bills**

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**MOVED THAT THE TOWNSHIP BOARD APPROVE THE MANAGER'S  
BILLS AS FOLLOWS:**

COMMON CASH		\$	196,726.94
PUBLIC WORKS		\$	528,630.41
TRUST & AGENCY		\$	351,206.35
	<b>TOTAL CHECKS:</b>	\$	<b>1,076,563.70</b>
CREDIT CARD TRANSACTIONS		\$	7,395.16
Feb 28th to Mar 13th			
	<b>TOTAL PURCHASES:</b>	\$	<b><u>1,083,958.86</u></b>
ACH PAYMENTS		\$	<b><u>516,627.00</u></b>

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Vendor Name	Description	Amount	Check #
1. 54-A DISTRICT COURT	CASH BOND-BISHOP, CECELIA A.	272.00	
2. INGHAM COUNTY 911	911 RADIO SERVICE FEE'S	1,698.68	
	RADIO MIC FEES	5,096.03	
	TOTAL	6,794.71	
3. AT& T	MONTHLY SERVICE	30.53	
4. A C & E RENTALS INC	SKDSTR ATTACH, FORKS	23.50	
5. AFFORDABLE TIRE	STATE CONTRACT FLEET TIRES 2019	1,768.68	
6. AIRGAS GREAT LAKES	STANDING PO FOR MEDICAL OXYGEN	97.53	
	STANDING PO FOR MEDICAL OXYGEN	512.85	
	STANDING PO FOR MEDICAL OXYGEN	72.07	
	TOTAL	682.45	
7. ARTISTIC BRONZE INC	PLAQUE-DOROTHY GRAHAM TREE DONATION	145.00	
8. AT & T	MONTHLY SERVICE	140.79	
	MONTHLY SERVICE	199.82	
	MONTHLY SERVICE	306.83	
	MONTHLY SERVICE	182.04	
	MONTHLY SERVICE	372.90	
	MONTHLY SERVICE	541.79	
	MONTHLY SERVICE	581.79	
	TOTAL	2,325.96	
9. AUTOMATIC DOOR SERVICE INC	REPAIR DOOR AT OKEMOS LIBRARY	513.02	
10. AUTO VALUE OF EAST LANSING	FLEET REPAIR PARTS 2019	40.69	
	FLEET REPAIR PARTS 2019	6.99	
	6 - BATTERIES W/ CORE	773.94	
	RELAY TESTER	78.28	
	FLEET REPAIR PARTS 2019	46.98	
	WHEEL WEIGHTS	87.29	
	FLEET REPAIR PARTS 2019	16.18	
	FLEET REPAIR PARTS 2019	15.71	
	FLEET REPAIR PARTS 2019	67.59	
	TOTAL	1,133.65	
11. THE BANK OF NEW YORK MELLON	BOND INTERST & PRINCIPAL/TAS/IMMS#533526	250.00	
12. BARYAMES CLEANERS	STANDING PO FOR DRY CLEANING	36.00	
13. BLUE CROSS BLUE SHIELD OF MICHIGAN	RUN OUT CLAIM DEC 2018 VISION COVERAGE	19.26	
	BCBS PPO RETIREE/COBRA HEALTH INSURANCE	1,758.77	
	TOTAL	1,778.03	
14. BECKS PROPANE	PROPANE FOR HNC	462.01	
15. BOARD OF WATER & LIGHT	2019 STREETLIGHT SERVICE	539.96	100168
16. BSN SPORTS	BALL LOCKERS	199.99	
17. CHRIS BUCK	REIMBURSEMENT FOR MILEAGE - FEB	123.62	
18. CINTAS CORPORATION #725	MECHANICS UNIFORMS 2019	40.13	

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Vendor Name	Description	Amount	Check #
19. CITY OF EAST LANSING	2019 HASLETT BASKETBALL LEAGUE	300.00	
	SHARED ASSESSOR SERVICES	5,824.72	
	TOTAL	<u>6,124.72</u>	
20. CLEANLITES RECYCLING INC	RECYCLING OF VARIOUS LIGHTS	115.08	
21. COCM	MEMBERSHIP HECKAMAN, RAU, MARTIN - 2019	120.00	
22. COMCAST	MONTHLY SERVICE	151.85	
23. CONSUMERS ENERGY	EMERG PAYMENT TO AVOID SHUTOFF	382.89	100163
24. CONSUMERS ENERGY	MONTHLY SERVICE	8.77	
25. D & K TRUCK CO	FIRE ENGINE EMERGENCY REPAIR	671.98	
26. DBI	MISC OFFICE SUPPLIES	2.79	
	SHARPIE MARKERS	8.64	
	MISC OFFICE SUPPLIES	55.95	
	WHITE COPY PAPER	1,348.90	
	FILE FOLDERS	19.62	
	TOTAL	<u>1,435.90</u>	
27. KELSEY DILLON	REIMBURSEMENT FOR MILEAGE - FEB	40.60	
28. ELECTION SOURCE	BALLOT MARKING INSTRUCTIONS KIT	136.01	
	SECRECY SLEEVES	519.40	
	TOTAL	<u>655.41</u>	
29. ESRI INC	ESRI GIS SOFTWARE RENEWAL 2019/2020	16,299.62	
30. FAHEY SCHULTZ BURZYCH RHODES PLC	LEGAL FEES - LABOR	542.50	
	LEGAL FEES - LABOR	42.50	
	LEGAL FEES	1,394.00	
	LEGAL FEES - LAND	1,751.00	
	LEGAL FEES	3,039.00	
	LEGAL FEES	80.00	
	LEGAL FEES	120.00	
	LEGAL FEES	232.50	
	LEGAL FEES	1,902.00	
	LEGAL FEES	40.00	
	LEGAL FEES	1,140.00	
	LEGAL FEES	40.00	
	LEGAL FEES	160.00	
	LEGAL FEES	3,622.00	
	LEGAL FEES	1,218.00	
	LEGAL FEES	40.00	
	LEGAL FEES	40.00	
	LEGAL FEES	1,821.53	
	LEGAL FEES	84.28	
	LEGAL FEES - LABOR	294.99	
	LEGAL FEES	779.60	
	LEGAL FEES	632.11	
	LEGAL FEES	1,176.78	
	LEGAL FEES	210.71	
	TOTAL	<u>20,403.50</u>	

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Vendor Name	Description	Amount	Check #
31. FD HAYES ELECTRIC	ELECTRIC REPAIRS/MAINTENACE 2019	1,149.30	
	REPAIR/EQUIP OF PARKING LOT @ TOWN HALL	2,300.00	
	ELECTRIC REPAIRS/MAINTENACE 2019	693.50	
	ELECTRIC REPAIRS/MAINTENACE 2019	570.00	
	TOTAL	4,712.80	
32. TED FERRIS	PANCAKE BREAKFAST FOOD & SUPPLIES	244.98	
33. FIRST AMERICAN ADMINISTRATORS	EMPLOYEE/RETIREE EYE INSURANCE	2,102.24	
34. FISHBECK, THOMPSON, CARR & HUBER	SERVICES RENDERED WUP #19-01	1,587.50	
	2017 RYSBERG MITIGATION, WETLAND PROJECT 090703	2,581.00	
	PHASE I SURVEY FOR SLEEPY HOLLOW PARCEL	1,800.00	
	TOTAL	5,968.50	
35. FORESIGHT GROUP	WATER BILL MAILING 2/28	477.51	
	WINDOW ENVELOPES	273.23	
	TOTAL	750.74	
36. GALLAGHER BENEFIT SERVICES, INC	MARCH CONSULTING FEE	2,765.52	
37. GCC ORGANICS	FARM MARKET VENDOR	39.00	
38. GOV'T FINANCE OFFICERS ASSOC	MEMBERSHIP DUES	250.00	
39. GRANGER	RUBBISH AND RECYCLING DISPOSAL SERVICES	111.00	
	RUBBISH AND RECYCLING DISPOSAL SERVICES	128.51	
	RUBBISH AND RECYCLING DISPOSAL SERVICES	70.00	
	RUBBISH AND RECYCLING DISPOSAL SERVICES	76.00	
	RUBBISH AND RECYCLING DISPOSAL SERVICES	156.42	
	RUBBISH AND RECYCLING DISPOSAL SERVICES	87.00	
	RUBBISH AND RECYCLING DISPOSAL SERVICES	17.50	
	TOTAL	646.43	
40. GRANGER	DEER DISPOSAL	11.00	
	TOTAL	44.00	
41. HALT FIRE INC	SENSOR ABS - PART	110.30	
	FIRE TRUCK PARTS/LABOR	345.00	
	TOTAL	455.30	
42. INGHAM COUNTY HEALTH DEPT	REIMBUREMENT LAB FEE FOR RED CEDAR RIVER SAMPLING	2,442.00	
43. INSTITUTE OF CONTINUING LEGAL	MI ZONING PLANNING LAND USE 2019	108.50	
44. J.J. KELLER & ASSOCIATES, INC	ELP MI ENG PSTR	231.16	
45. JOHN DEERE FINANCIAL	FLEET FUEL 2019	12,240.00	
46. JOHNSON CONTROLS	2019 HVAC CONTROL MAINTENANCE	343.80	
47. KEBS INC	SURVEY FOR POTENTIAL PARK LAND	1,260.00	

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48. KIWANIS CLUB OF HASLETT-OKEMOS	20 FLAGS OVER MERIDIAN 6X IN 2019	720.00	
	12 FLAGS OVER MERIDIAN 6X'S 2019	432.00	
	10 FLAGS OVER MERIDIAN PARKS	360.00	
	TOTAL	1,512.00	
49. LANSING SANITARY SUPPLY INC	ICE MELT	357.50	
	ICE MELT	349.25	
	TOTAL	706.75	
50. LANSING UNIFORM COMPANY	STANDING PO FOR UNIFORMS	199.80	
	STANDING PO FOR UNIFORMS	274.85	
	STANDING PO FOR UNIFORMS	241.80	
	TOTAL	716.45	
51. MERIDIAN TOWNSHIP	TRANSFER FOR FLEX CKING P/R 3.15.19	870.23	
52. MEDICAL MANAGEMENT SYSTEMS	OF		
	AMBULANCE BILLING SERVICE	3,863.65	
53. PETER MENSER	REIMBURSEMENT MILEAGE TO LANSING COURTHOUSE	12.18	
54. MERIDIAN SENIOR CENTER	SENIOR BRUNCH TRIBUTE PROCEEDS	540.00	
55. MICHAEL L METZGER	FARM MKT VENDOR	50.00	
56. MICHIGAN CAT	PARTS & LABOR	1,242.66	
57. MICHIGAN.COM	TWP LEGAL NOTICE (05/29/17)	97.00	
58. MID MICHIGAN EMERGENCY EQUIPMENT	SOUND OFF N ROADS EMERGENCY LIGHT BAR AMBER / GREE	6,470.00	
59. MIDWEST TREE SERVICE	OKEMOS ROAD BOARDWALK-TREE REMOVAL	30,655.00	
60. MIDWEST POWER EQUIPMENT	STANDING PO FOR SAW REPAIRS/MAINTENANCE/PARTS	330.00	
	STANDING PO FOR SAW REPAIRS/MAINTENANCE/PARTS	117.75	
	STANDING PO FOR SAW REPAIRS/MAINTENANCE/PARTS	109.95	
	TOTAL	557.70	
61. MITA	AD FOR BID MERIDIAN TWP LOT PAVING	50.00	
62. MID-MICHIGAN CODE OFFICIALS ASSOC	MEMBERSHIP DUES HECKAMAN RAU MARTIN -2019	180.00	
63. MICHIGAN RECYCLING COALITION	ANNUAL MEMBERSHIP D PERRY/ L HARVEY	200.00	
64. NAPA	FLEET REPAIR PARTS 2019	163.59	
	MISC SUPPLIES	150.57	
	FLEET REPAIR PARTS 2019	126.77	
	TOTAL	440.93	
65. ORKIN, 551-LANSING, MI	PESTICIDE TREATMENT-MUNICIPAL BLDG	125.00	
66. OVERHEAD DOOR OF LANSING	DOOR REPAIR-SOUTH FIRE STATION	523.96	
67. PECKHAM	CUSTODIAL SERVICES 2019	6,391.99	
68. PITNEY BOWES	LEASING CHARGES - POSTAGE MACHINE	943.65	
69. POSTMASTER	POSTAGE FOR BULK MAILING OF MAIL-IN BALLOTS	800.00	
	MAILING CYCLE 6 WATER BILLS	308.18	100169
	TOTAL	1,108.18	

Vendor Name	Description	Amount	Check #
70. PRINTING SYSTEMS INC	A/P CHECK ORDER - PUBLIC WORKS	212.84	
	CHANGE OF ADDRESS - ELECTION	179.51	
	NOTICE OF CANCELLATION - ELECTION	179.51	
	TOTAL	<u>571.86</u>	
71. PROGRESSIVE AE	2019 LAKE LANSING SAD WATERSHED MANAGEMENT	312.50	
72. QUALITY TIRE INC	STATE CONTRACT FLEET TIRES 2019	934.44	
73. THE RAPID GROUP LLC	PAPER SHREDING	55.00	
74. KIT RICH	REIMBURSEMENT FOR MILEAGE - JAN/FEB	148.48	
75. ROWERDINK AUTOMOTIVE PARATS	BATTERY CORE RETURN	(14.00)	
	BATTERY CORE RETURN	14.00	
	FLEET REPAIR PARTS 2019	184.17	
	FLEET REPAIR PARTS 2019	113.94	
	BATTERY CORE RETURN	(28.00)	
	FLEET REPAIR PARTS 2019	(75.00)	
	FLEET REPAIR PARTS 2019	44.34	
	BATTERY & CORE CHARGE	96.50	
	BATTERY/CORE CHARGE & RETURN CORE	82.50	
	BATTERY CORE RETURN	(14.00)	
	FLEET REPAIR PARTS 2019	44.34	
	FLEET REPAIR PARTS 2019	44.34	
	FLEET REPAIR PARTS 2019	17.90	
	BATTERY/CORE & RETURN CORE	82.50	
	FLEET REPAIR PARTS 2019	44.34	
	TOTAL	<u>637.87</u>	
76. SAFETY SERVICES INC	DEER MANAGEMENT	88.05	
77. SHAHEEN CHEVROLET INC	PARTS #143	421.49	
78. SIGNS BY CRANNIE	50% REFUND PERMIT PB19-0018 ARBY'S SIGN	62.50	
79. SPARROW OCCUPATIONAL	PROFESSIONAL SERVICES	88.00	
	PROFESSIONAL SERVICES	197.50	
	TOTAL	<u>285.50</u>	
80. STANDARD ELECTRIC CO	ELECTRIC SUPPLIES 2019	9.09	
	ELECTRIC SUPPLIES 2019	137.76	
	ELECTRIC SUPPLIES 2019	305.16	
	ELECTRIC SUPPLIES 2019	63.65	
	TOTAL	<u>515.66</u>	
81. STATE OF MICHIGAN	REG J. MARTIN BUIDING INSPECTOR	150.00	
	QUALITY ASSURANCE ASSESSMENT AMBULANCE - QAAP	2,906.10	
	TOTAL	<u>3,056.10</u>	
82. ST MARTHA CONFERENCE OF	EMERG PM'T TO AVOID EVICTION FOR TWO RESIDENTS	725.00	100165
	EMERG CRC PM'T TO AVOID EVICTION	200.00	100170
	TOTAL	<u>925.00</u>	
83. ST THOMAS AQUINAS PARISH	EMERG PM'T TO AVOID EVICTION FOR TWO RESIDENTS	600.00	100166
84. S.V.C.I.C.C.	2019 MEMBERSHIP J. MARTIN	15.00	

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Vendor Name	Description	Amount	Check #
85. SWAGIT PRODUCTIONS, LLC	VIDEO STREAMING SERVICES - JANUARY	3,462.00	
	VIDEO STREAMING SERVICES - FEBRUARY	3,462.00	
	TOTAL	<u>6,924.00</u>	
86. TDS	MONTHLY SERVICE	1,362.51	
87. USA TODAY NETWORK	LEGAL NOTICES	1,085.76	
88. STEPHEN VAN DEUSEN	FARM MARKET VENDOR	32.00	
89. VARIPRO BENEFIT ADMINISTRATORS	BENEFIT ADMINISTRATION FOR RETIREE'S - APR	11,390.80	
90. VERIZON WIRELESS	MONTHLY SERVICE	2,739.65	
91. VERIZON CONNECT	MONTHLY SERVICE	1,591.80	
92. VIRIDIS DESIGN GROUP	ENGINEERING SERVICES FOR HNC PAVILION AND RESTROOM	2,000.00	
93. BRITTANY WARRICK	REIMBURSEMENT FOR MILEAGE - FEB	17.40	
94. WASHTENAW COMMUNITY COLLEGE	MEMBERSHIP J. MARTIN - HUVACO	95.00	
95. ZOLL MEDICAL CORP	MISC MEDICAL SUPPLIES	3,537.46	100167
	MISC MEDICAL SUPPLIES	809.25	100167
	STANDING PO FOR HEART MONITOR SUPPLIES/EQUIPMENT	360.00	
	STANDING PO FOR HEART MONITOR SUPPLIES/EQUIPMENT	760.00	
	TOTAL	<u>5,466.71</u>	
TOTAL - ALL VENDORS		196,726.94	

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Vendor Name	Description	Amount	Check #
1. AMERICAN PUBLIC WORKS ASSOC	2019 MEMB Y ISHRAIDI 3/1/19 TO 2/28/20	227.00	
2. BLUE CROSS BLUE SHIELD OF MICHIGAN	BCBS PPO HEALTH INSURANCE	511.19	
3. BOARD OF WATER & LIGHT	HULETT PUMPING STATION MAINTENANCE JULY 2018 THRU	5,961.15	
4. CUMMINS BRIDGEWAY LLC	EMERGENCY GENERATOR REPAIR	468.75	
5. CITY OF EAST LANSING	OPERATING AND INTERCONNECT COSTS	258,171.25	
	SEWER OPERATIONS	246,359.17	
	TOTAL	504,530.42	
6. EJ USA, INC.	5BR 250 TVC CONVERSION 5'6" BURY	4,871.26	
7. FERGUSON WATERWORKS #3386	WATER SYSTEM REPAIR PARTS 2019	165.00	
8. FIRST AMERICAN ADMINISTRATORS	EMPLOYEE/RETIREE EYE INSURANCE	289.40	
9. FISHBECK, THOMPSON, CARR & HUBER	INTERCEPTO 7 SIPHON REHABILATION	356.00	
10. GALLAGHER BENEFIT SERVICES, INC	MONTHLY CONSULTING FEE - MARCH	484.48	
11. INGHAM COUNTY ROAD DEPARTMENT	COLD PATCH 2019	483.32	
12. JACK DOHENY COMPANIES INC	PARTS	117.00	
	DEBRIS HOSE 8X62,R	389.00	
	SHIPPING ON DEBRIS HOSE	31.00	
	TOTAL	537.00	
13. MADISON NATIONAL LIFE INS CO	EMPLOYEEED LIVE INSURANE	377.19	27636
14. NEW RESOURCES	500 CUSTOM LAMINATED RULERS/GAL OF WATER LOST DUE	358.70	
15. PREMIER SAFETY	ROUTINE CALIBRATION	133.05	
16. CARL SCHLEGEL INC	SAND , GRAVEL & TOPSOIL 2019	1,977.06	
17. SME	2019 MISCELLANEOUS TESTING FOR EMERGENCY WATER AND	690.75	
18. TDS	MONTHLY SERVICES	129.39	
19. USA BLUE BOOK	ZENNER FHZ30 HUYD METERGATE & CHECK VALVE	5,654.75	
20. VERIZON WIRELESS	MONTHLY SERVICE	424.55	
TOTAL - ALL VENDORS		528,630.41	

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Vendor Name	Description	Amount	Check #
1. AMROCK INC-CHASE TWO	REFUND OVERPM'T WINTER TAX @3545 AUTUMNWOOD	1,097.35	12560
2. BELL TITLE CO	OVERPM'T WINTER TAX @6149 GRAEBEAR TRAIL	1,302.52	12561
3. CAPITAL AREA DISTRICT LIBRARY	WINTER TAX COLLECTION	26,907.01	12562
4. CATA	WINTER TAX COLLECTION	51,865.48	12564
5. CAPITAL REGION AIRPORT AUTHORITY	WINTER TAX COLLECTION	12,055.90	12563
6. EAST LANSING PUBLIC SCHOOLS	SUMMER TAX COLLECTION	3,121.03	12565
7. HASLETT PUBLIC SCHOOLS	WINTER/SUMMER TAX COLLECTION	66,698.29	12566
8. INGHAM INTERMEDIATE SCHOOL	SUMMER TAX COLLECTION	19,166.20	12569
9. INGHAM COUNTY TREASURER	PRE DENIAL INTEREST REMITTANCE - 2018	7.42	12574
10. INGHAM COUNTY TREASURER-BROWNFIELD	WINTER 2018 BROWNFIELD CAPTURE	7,546.10	12567
	SUMMER 2018 BROWNFIELD CAPTURE	87.70	12568
	TOTAL	<u>7,633.80</u>	
11. JOLRAN INC	REFUND OVERPM'T WINTER TAX @2450 BARNSBURY	78.92	12570
12. LANSING COMMUNITY COLLEGE	WINTER TAX COLLECTION	65,667.78	12571
13. MICHIGAN DEPARTMENT OF TREASURY	PRE DENIAL INTEREST REMITTANCE - 2018	3.71	12575
14. OKEMOS PUBLIC SCHOOLS	WINTER/SUMMER TAX COLLECTION	94,176.07	12572
15. WILLIAMSTON SCHOOLS	WINTER TAX COLLECTION	1,424.87	12573
TOTAL - ALL VENDORS		351,206.35	

**Credit Card Report 2/28 to 3/13**

<b>Posting Date</b>	<b>Merchant Name</b>	<b>Amount</b>	<b>Account Name</b>
2019/03/12	AC&E RENTALS INC	\$23.50	TYLER KENNELL
2019/03/07	AC&E RENTALS INC	\$14.15	DAN PALACIOS
2019/03/13	ADS INC LONDON CSC	\$236.00	LAWRENCE BOBB
2019/03/11	AMAZON.COM*MI4LL6WY0	\$133.80	KRISTI SCHAEDING
2019/03/07	AMAZON.COM*MI7JT36C2	\$51.92	MICHELLE PRINZ
2019/03/12	AMAZON.COM*MW9GO8F40	\$11.98	KRISTI SCHAEDING
2019/03/08	AMZN MKTP US*MI0SE5D32	\$30.52	MICHELLE PRINZ
2019/03/04	AMZN MKTP US*MI0SR59H1	\$12.99	MICHELLE PRINZ
2019/03/01	AMZN MKTP US*MI2293SP1	\$7.99	KRISTI SCHAEDING
2019/03/05	AMZN MKTP US*MI2J56UW1	\$12.20	MICHELLE PRINZ
2019/03/01	AMZN MKTP US*MI3L71VU2	\$579.98	MICHELLE PRINZ
2019/03/04	AMZN MKTP US*MI3TA5961	\$66.95	MICHELLE PRINZ
2019/03/07	AMZN MKTP US*MI51B8WI1	\$135.17	KRISTI SCHAEDING
2019/03/13	AMZN MKTP US*MI5M59UI2	\$38.87	MICHELLE PRINZ
2019/03/01	AMZN MKTP US*MI5Q57SO1	\$64.39	KRISTI SCHAEDING
2019/03/08	AMZN MKTP US*MI6B28IB0	\$14.98	MICHELLE PRINZ
2019/03/04	AMZN MKTP US*MI7ZW4SG0	\$10.01	MICHELLE PRINZ
2019/02/28	AMZN MKTP US*MI8076QL0	\$28.98	MICHELLE PRINZ
2019/03/04	AMZN MKTP US*MI9832SA0	\$61.66	MICHELLE PRINZ
2019/02/28	BELLE TIRE 044	\$50.00	JIM HANSEN
2019/03/08	BOYNTON FIRE SAFETY SVC	\$151.00	KENNITH PHINNEY
2019/02/28	CLIA LABORATORY PROGRAM	\$150.00	WILLIAM PRIESE
2019/03/07	CMU MULTI DEPT EVENTS	(\$75.00)	DARCIE WEIGAND
2019/03/12	COMCAST	\$306.49	ANDREA SMILEY
2019/02/28	COMPLETE BATTERY SOURCE	\$59.46	KRISTI SCHAEDING
2019/03/07	COMPLETE BATTERY SOURCE	\$84.91	MATT FOREMAN
2019/03/06	CORNWELL HACKERT TOOLS	\$37.96	JIM HANSEN
2019/02/28	DICK'S CLOTHING&SPORTING	\$59.99	DAVID LESTER
2019/03/04	EIG*CONSTANTCONTACT.COM	\$792.00	ANDREA SMILEY
2019/03/13	ELECTRICAL TERMINAL SERVI	\$195.25	TODD FRANK
2019/03/07	FACEBK E3UX2KW8U2	\$25.00	ANDREA SMILEY
2019/03/06	FASTENAL COMPANY01	\$289.99	ROBERT STACY
2019/03/01	FILMFREEWAY.COM	\$150.00	BENJAMIN MAKULSKI
2019/03/01	FILMFREEWAY.COM	\$150.00	BRANDIE YATES
2019/02/28	GALLS	\$5.94	KRISTI SCHAEDING
2019/03/12	GOOGLE *RIPL	\$14.99	DEBORAH GUTHRIE
2019/03/11	HASLETT TRUE VALUE HARDW	\$9.49	LAWRENCE BOBB
2019/03/05	IN *JOHNSON, ROBERTS, & A	\$30.00	KRISTI SCHAEDING
2019/03/06	IN *KODIAK EMERGENCY EQUI	\$54.78	TODD FRANK
2019/03/13	INT'L ASSOC OF ADMIN PRO	\$150.00	DENISE GREEN
2019/03/07	JIMMY JOHNS - 90055 - ECO	\$49.81	CHRIS BUCK
2019/03/11	JIMMY JOHNS - 90055 - ECO	(\$2.82)	CHRIS BUCK
2019/03/11	LUCKY'S STEAKHOUSE	\$48.28	FRANK L WALSH
2019/03/11	MEIJER INC #025 Q01	\$23.98	DEREK BURCHAM
2019/03/06	MEIJER INC #025 Q01	\$22.85	DARCIE WEIGAND
2019/03/01	MEIJER INC #025 Q01	\$13.06	SCOTT DAWSON

2019/03/04	MEIJER INC #025 Q01	\$2.49	PETER VASILION
2019/03/05	MICHIGAN METER #3373	\$219.00	CHAD HOUCK
2019/03/12	MSU PAYMENTS	\$60.00	ANDREA SMILEY
2019/03/12	NASSCO INC	\$339.25	ROBERT MACKENZIE
2019/03/01	OFFICEMAX/OFFICEDEPT#3379	\$16.98	KELSEY DILLON
2019/03/11	OFFICEMAX/OFFICEDEPT#3379	\$12.99	KENNITH PHINNEY
2019/03/04	PARKING EP/PS	\$8.75	PETER MENSER
2019/02/28	PARKING LANSING CENTER	\$7.00	FRANK L WALSH
2019/03/06	QUALITY DAIRY 31280027	\$34.45	DARCIE WEIGAND
2019/03/12	SAVAJAKEINC	\$74.99	WILLIAM PRIESE
2019/03/05	SEC OF STATE ESERVICES	\$20.35	JIM HANSEN
2019/03/11	SEC OF STATE ESERVICES	\$20.35	TODD FRANK
2019/03/07	SENTRY SAFETY SUPPLY	\$245.07	ROBERT MACKENZIE
2019/03/04	SHERWIN WILLIAMS 701339	\$64.38	ROBERT STACY
2019/03/04	SIGNWORKS OF MICHIGAN INC	\$137.50	KELSEY DILLON
2019/03/11	SOLDANS FEEDS & PET S	\$10.14	KATHERINE RICH
2019/03/06	SOLDANS FEEDS & PET S	\$10.74	CATHERINE ADAMS
2019/03/12	TARGET 00003657	\$198.00	WILLIAM PRIESE
2019/03/11	THE HOME DEPOT #2723	\$168.77	LAWRENCE BOBB
2019/03/13	THE HOME DEPOT #2723	(\$19.77)	LAWRENCE BOBB
2019/03/13	THE HOME DEPOT #2723	\$12.75	LAWRENCE BOBB
2019/03/13	THE HOME DEPOT #2723	\$67.66	LAWRENCE BOBB
2019/03/11	THE HOME DEPOT #2723	\$27.88	ROBERT STACY
2019/02/28	THE HOME DEPOT #2723	\$29.06	KYLE ROYSTON
2019/03/06	THE HOME DEPOT #2723	\$18.42	PETER VASILION
2019/03/11	THE HOME DEPOT #2723	\$55.37	PETER VASILION
2019/03/11	THE HOME DEPOT #2723	\$0.70	PETER VASILION
2019/03/11	THE HOME DEPOT #2723	\$41.91	MIKE ELLIS
2019/03/01	THE HOME DEPOT #2723	\$124.80	DAVID LESTER
2019/03/07	THE HOME DEPOT #2723	\$45.97	DAVID LESTER
2019/03/08	THE HOME DEPOT #2723	\$68.60	DAVID LESTER
2019/03/11	THE HOME DEPOT #2723	\$25.28	KENNITH PHINNEY
2019/03/11	THE HOME DEPOT #2723	\$180.99	CATHERINE ADAMS
2019/03/11	THE HOME DEPOT #2723	\$65.93	MATT FOREMAN
2019/03/11	THE HOME DEPOT #2723	\$7.97	MATT FOREMAN
2019/03/11	THE HOME DEPOT #2723	\$149.00	MATT FOREMAN
2019/03/11	THE HOME DEPOT 2723	\$95.70	KATHERINE RICH
2019/03/11	THE HOME DEPOT 2723	\$99.09	DAVID LESTER
2019/03/06	THE UPS STORE 0811	\$20.12	TYLER KENNEL
2019/03/11	THE UPS STORE 0811	\$10.12	TYLER KENNEL
2019/03/07	TOM'S FOOD	\$25.19	SCOTT DAWSON
2019/02/28	TRACTOR SUPPLY #1149	\$127.48	DAVID LESTER
2019/03/11	WAL-MART #2866	\$51.73	MATTHEW WALTERS
2019/03/07	WAL-MART #2866	\$23.82	TYLER KENNEL
2019/03/06	WAL-MART #2866	\$4.74	KENNITH PHINNEY

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<b>TOTAL</b>	<b>\$7,395.16</b>
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ACH Transactions

Date	Payee	Amount	Purpose
02/26/19	Blue Care Network	17,489.99	Employee Health Insurance
03/07/19	Blue Care Network	15,735.01	Employee Health Insurance
03/11/19	Delta Dental	14,566.98	Employee Dental Insurance
03/11/19	ICMA	60,000.00	OPEB
03/12/19	Blue Care Network	11,363.38	Employee Health Insurance
03/14/19	ICMA	38,917.32	Payroll Deductions 03/15/19 Payroll
03/14/19	IRS	95,609.36	Payroll Taxes 03/15/19 Payroll
03/14/19	Various Financial Institutions	262,944.96	Direct Deposit 3/15/19 Payroll
	<b>Total ACH Payments</b>	<u>516,627.00</u>	



9.D.

**To: Township Board Members**

**From: Derek N. Perry, Assistant Township Manager  
Director of Public Works & Engineering**

**Younes Ishraidi, P.E.  
Chief Engineer**

**Date: March 19, 2019**

**Re: Georgetown #4 Public Streetlighting Improvement  
Special Assessment District #427 - Resolution #5**

---

A request was received from the residents for installation and maintenance of streetlights in Georgetown #4. The plan was for eight (8) streetlights, traditional fixture with cut-off, and black standard pole, to be installed and maintained along Chaggal Lane (as shown on the attached map).

The attached Georgetown #4 Public Streetlighting Improvements Special Assessment District #427 - Resolution #5 approves the special assessment roll and orders the amount to be paid and collected. Public hearings were held on January 8, 2019, and on March 5, 2019.

The assessments are:

\$2,263.28	(\$121.06/lot)	First Year Cost
\$1,256.64	(\$57.12/lot)	Annually Thereafter (Subject to Adjustment)

**Proposed Motion:**

**“Move to approve the Georgetown #4 Public Streetlighting Improvements Special Assessment District #427 - Resolution #5, which approves the final special assessment roll, adopts the amount of \$2,263.28 as the first year assessment and the amount of \$1,256.64 (subject to adjustment) as the annual assessment thereafter.**

Attachment



**GEORGETOWN #4 PUBLIC STREETLIGHTING IMPROVEMENTS  
SPECIAL ASSESSMENT DISTRICT #427**

**RESOLUTION NO. 5**

At a regular meeting of the Township Board of the Charter Township of Meridian, Ingham County, Michigan, held in the Meridian Municipal Building, 5151 Marsh Road, Okemos, Michigan 48864-1198, (517) 853-4000, on Tuesday, March 19, 2019 at 6:00 p.m.

**PRESENT:** \_\_\_\_\_  
\_\_\_\_\_

**ABSENT:** \_\_\_\_\_

The following resolution was offered by \_\_\_\_\_  
and supported by \_\_\_\_\_.

**WHEREAS**, The Township Board, on January 22, 2019 adopted a resolution approving the Georgetown #4 Public Streetlighting Improvements Special Assessment District #427 for installation, operation and maintenance of certain public streetlighting improvements along Chaggal Lane; and

**WHEREAS**, pursuant to due notice to all record owners or parties in interest in, this Board did meet on March 3, 2019 at 6:00 p.m. at the Meridian Municipal Building, in the Township of Meridian for the purpose of reviewing the special assessment roll and hearing any objections thereto for the Georgetown #4 Public Streetlighting Improvements Special Assessment District #427, and

**WHEREAS**, at the time and place designated for said meeting, the meeting was duly called to order and the Supervisor announced the opening of the hearing for objections to the special assessment roll prepared by the Township Supervisor and on file with the Township Clerk, said roll assessing the cost of the Georgetown #4 Public Streetlighting Improvements Special Assessment District #427 against benefiting properties; and

**WHEREAS**, the Township Board desires to confirm the special assessment roll.

**NOW, THEREFORE, BE IT RESOLVED** by the Township Board of the Charter Township of Meridian, Ingham County, Michigan, as follows:

1. The Township Board does hereby determine that said special assessments are in proportion to the benefits to be derived from said project.
2. The Township Board does hereby designate the special assessment project as "Georgetown #4 Public Streetlighting Improvements Special Assessment District #427".

**Georgetown #4 Public Streetlighting Improvements  
Special Assessment District #427  
Resolution #5  
Page 2**

3. Said special assessment roll shall be designated as "Georgetown #4 Public Streetlighting Improvements Special Assessment District #427 Special Assessment Roll", and the district against which it is assessed shall be designated "Georgetown #4 Public Streetlighting Improvements Special Assessment District #427". The Georgetown #4 Public Streetlighting Improvements Special Assessment District #427 Special Assessment Roll in the final amount of \$2,263.28 (\$121.06/lot) First Year Cost and \$1,256.64 (\$57.12/lot) Annually Thereafter (subject to increases) as prepared and reported to the Township Board by the Supervisor, a copy of which is attached hereto, is hereby adopted and confirmed and the Township Clerk is hereby directed to endorse thereon this date of confirmation.
4. That the Georgetown #4 Public Streetlighting Improvements Special Assessment District #427 Special Assessment Roll is hereby ordered filed with the Township Treasurer for spreading annually on the winter tax roll.
5. The assessments made in said special assessment roll are hereby ordered and directed to be collected annually. The Township Clerk shall deliver said special assessment roll to the Township Treasurer with the proper warrant attached, commanding the Treasurer to collect the assessments therein in accordance with the direction of the Township Board with respect thereto, and the Treasurer is authorized and directed to collect the amounts assessed as they become due pursuant to the terms of this resolution and the provisions of the applicable statutes of the State of Michigan.

YEAS: \_\_\_\_\_

\_\_\_\_\_

NAYS: \_\_\_\_\_

Resolution declared adopted.

**STATE OF MICHIGAN)**

**)ss.**

**COUNTY OF INGHAM)**

I, the undersigned, the duly qualified and acting Clerk of the Charter Township of Meridian, Ingham County, **DO HEREBY CERTIFY** that the foregoing is a true and complete copy of the proceedings taken by the Township Board at a regular meeting held on Tuesday, March 19, 2019.

\_\_\_\_\_  
Brett Dreyfus, Township Clerk



**Georgetown #4 Public Streetlighting Improvement Special Assessment District No. 427**

									First Year	Annually
	Parcel #	Property Address	Lot #	Property Owner	Owner Address	City	State	Zip	Assessment	Thereafter
1	3302-02-14-379-002	Chaggal 5134	137	Dirt Werx Excavation, LLC	13937 Webster Rd, Ste A	Bath	MI	48808	\$121.06	\$57.12
2	3302-02-14-379-003	Chaggal 5128	138	Dirt Werx Excavation, LLC	13937 Webster Rd, Ste A	Bath	MI	48808	\$121.06	\$57.12
3	3302-02-14-379-004	Chaggal 5122	139	Dirt Werx Excavation, LLC	13937 Webster Rd, Ste A	Bath	MI	48808	\$121.06	\$57.12
4	3302-02-14-379-005	Chaggal 5116	140	Dirt Werx Excavation, LLC	13937 Webster Rd, Ste A	Bath	MI	48808	\$121.06	\$57.12
5	3302-02-14-379-006	Chaggal 5100	141	Dirt Werx Excavation, LLC	13937 Webster Rd, Ste A	Bath	MI	48808	\$121.06	\$57.12
6	3302-02-14-379-007	Chaggal 5094	142	Dirt Werx Excavation, LLC	13937 Webster Rd, Ste A	Bath	MI	48808	\$121.06	\$57.12
7	3302-02-14-379-008	Chaggal 5088	143	Jim Giguere Builders, Inc.	6200 Pine Hollow Dr, Ste 100	East Lansing	MI	48823	\$121.06	\$57.12
8	3302-02-14-379-009	Chaggal 5082	144	Jim Giguere Builders, Inc.	6200 Pine Hollow Dr, Ste 100	East Lansing	MI	48823	\$121.06	\$57.12
9	3302-02-14-379-010	Chaggal 5076	145	Suman Thirumani & Asha Latha Mamidi	2715 Trappers Cove Trail, 3C	Lansing	MI	48910	\$121.06	\$57.12
10	3302-02-14-379-011	Chaggal 5067	146	Jinping Chen & Yun Cao	1445 E. Pond Dr, #33	Okemos	MI	48864	\$121.06	\$57.12
11	3302-02-14-379-012	Chaggal 5073	147	Alpesh & Heema N Patel	15810 S US Highway 27	Lansing	MI	48906	\$121.06	\$57.12
12	3302-02-14-379-013	Chaggal 5079	148	Jim Giguere Builders, Inc.	6200 Pine Hollow Dr, Ste 100	East Lansing	MI	48823	\$121.06	\$57.12
13	3302-02-14-379-014	Chaggal 5085	149	Eyde Ltd Fam Ptrshp, L & G	P.O.Box 4218	East Lansing	MI	48826	\$121.06	\$57.12
14	3302-02-14-379-015	Chaggal 5091	150	Stephen M & Aimee M Houghton	2624 Elderberry Drive	Okemos	MI	48864	\$121.06	\$57.12
15	3302-02-14-379-016	Chaggal 5097	151	Wen Huang & Nanye Long	5097 Chaggal Lane	Okemos	MI	48864	\$121.06	\$57.12
16	3302-02-14-379-017	Chaggal 5115	152	Jim Giguere Builders, Inc.	6200 Pine Hollow Dr, Ste 100	East Lansing	MI	48823	\$121.06	\$57.12
17	3302-02-14-379-018	Chaggal 5121	153	Jim Giguere Builders, Inc.	6200 Pine Hollow Dr, Ste 100	East Lansing	MI	48823	\$121.06	\$57.12
18	3302-02-14-379-019	Chaggal 5127	154	Jim Giguere Builders, Inc.	6200 Pine Hollow Dr, Ste 100	East Lansing	MI	48823	\$121.06	\$57.12
19	3302-02-14-379-020	Chaggal 5133	155	Jim Giguere Builders, Inc.	6200 Pine Hollow Dr, Ste 100	East Lansing	MI	48823	\$121.06	\$57.12
20	3302-02-14-379-021	Chaggal 5139	156	Jim Giguere Builders, Inc.	6200 Pine Hollow Dr, Ste 100	East Lansing	MI	48823	\$121.06	\$57.12
21	3302-02-14-379-022	Chaggal 5145	157	Warren & Tessa Krueger III	1298 Starboard Drive	Okemos	MI	48864	\$121.06	\$57.12
22	3302-02-14-379-023	Chaggal 5151	158	Dirt Werx Excavation, LLC	13937 Webster Rd, Ste A	Bath	MI	48808	\$121.06	\$57.12



**To: Township Board**  
**From: LuAnn Maisner, CPRP**  
**Director of Parks and Recreation**  
**Date: March 14, 2019**  
**Re: DNR Park Acquisition Grant Application**

**5280 Okemos Road, Okemos, MI 48864**  
**1.85 acres**  
**Parcel #33-02-02-16-200-011**

---

Park Commission and the Parks and Recreation Department are interesting in acquiring 5280 Okemos Road, a 1.85-acre property that is adjacent to Nancy Moore Park. Acquiring this property would allow the township to construct a separate and more direct access to Nancy Moore Park.

The Park Commission has identified this necessity as an opportunity to apply for a grant as a way to help fund this acquisition. The Park Commission held a public hearing on March 12, 2019 to accept public comments on the proposed acquisition and passed a resolution of support to apply for the grant application.

If approved by the Township Board, the Parks and Recreation staff will then submit a grant application for consideration to the Michigan Natural Resources Trust Fund program. The proposed grant will have a total acquisition cost of \$170,000 comprised of a 25% local match from the Township in the amount of \$42,500 and a 75% grant amount of \$127,500 from the Michigan Natural Resources Trust Fund.

**Acquisition Breakdown:**

Acquisition Costs:	\$ 170,000
Grant Amount (75%)	\$ 127,000
Funds from Park Millage Fund (25%)	\$ 42,500

**Motion for Township Board Consideration**

MOVE TO SUPPORT THE ATTACHED RESOLUTION TO APPLY TO ACQUIRE PARCEL NUMBERS 33-02-02-16-200-011 FROM RICHARD H AND LORRAINE MCKANE, TRUSTEES, UTILIZING \$127,000 OF GRANT FUNDING THROUGH THE MICHIGAN NATURAL RESOURCES TRUST FUND AND \$42,500 FROM THE PARK MILLAGE TO ADD 1.858 ACRES OF LAND TO THE MERIDIAN TOWNSHIP PARKS.

Attachments:

1. Resolution to Approve
2. Grant Application Page
3. Parcel Map

**RESOLUTION TO APPROVE**

**DNR Park Acquisition Grant Application  
5280 Okemos Road, Okemos, MI**

**RESOLUTION**

At a regular meeting of the Township Board of the Charter Township of Meridian, Ingham County, Michigan, held at the Service Center Building, in said Township on the 19th day of March, 2019, at 6 p.m. local time.

PRESENT: \_\_\_\_\_

ABSENT: \_\_\_\_\_

The following resolution was offered by \_\_\_\_\_ and supported by \_\_\_\_\_:

WHEREAS, the Michigan Department of Natural Resources accepts grant requests from local units of government to assist in the development and acquisition of recreation properties; and

WHEREAS, it is possible to have up to 75% of the total project cost funded by the Natural Resources Trust Fund program; and

WHEREAS, the Park Commission is interested leveraging local Park Millage Funds by obtaining supplemental grant funding for park projects whenever possible; and

WHEREAS, Meridian Township has prepared a grant application for submission to the Michigan Natural Resources Trust Fund for \$170,000 for the acquisition of 1.858 acres which will serve as the new entrance into Nancy Moore Park on Okemos Road; and

WHEREAS, this project is identified and supported in the 2017-2021 Parks and Recreation Master Plan adopted by the Meridian Township Board and Park Commission, and is on file with the Michigan Department of Natural Resources; and

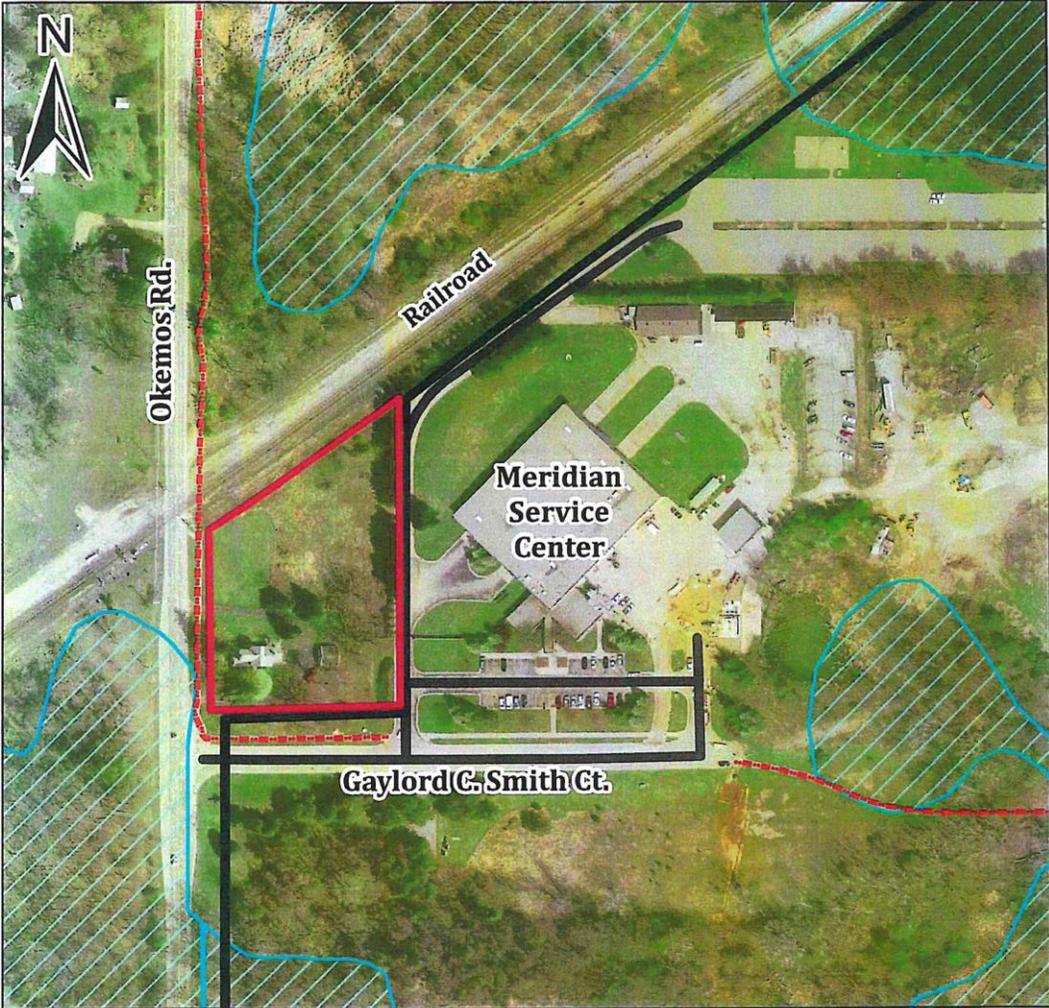
WHEREAS, the grant request is outlined and justified in the 2017-2021 Capital Improvements Program adopted by the Township Board and Park Commission; and

WHEREAS, park development and improvements are supported by Township Board Policy and 2018 Goals and Objectives; and

WHEREAS, this grant request was open to public review on March 12, 2019 and the Park Commission recommends submission of the grant acquisition; and

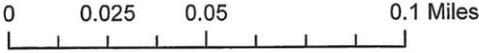


# 5280 Okemos Rd.



**Legend**

- Nancy Moore Park
- Driveway
- Paved Pathway
- Wetland



**Subject property outlined in red**  
**Parcel Number: 33-02-02-16-200-011**  
**Area: 1.86 acres**

**Michigan Natural Resources Trust Fund Application 2019**  
**Organization: Meridian Charter Township**  
**Section A: Applicant Site and Project Information: 5280 Okemos Road**

TF19-0111

<b>*Is the application for site development or land acquisition?</b> Development <input type="checkbox"/> Acquisition <input checked="" type="checkbox"/>			
<b>*Name of Applicant</b> (Government Unit) Meridian Charter Township		<b>*SIGMA VSS</b>	<b>*SIGMA Address Code</b>
			<b>*County</b> Ingham County
<b>*Name of Authorized Representative</b> LuAnn Maisner, CPRP		<b>*Title</b> Director of Parks and Recreation	
<b>*Address</b> 5151 Marsh Road		<b>*Telephone</b> (517) 853-4604  Fax(517) 853-4099	
<b>*City</b> Okemos	<b>*State</b> MI	<b>*ZIP</b> 48864	<b>*E-mail</b> maisner@meridian.mi.us
<b>*State House District</b> District 69		<b>*State Senate District</b> District 23	<b>*U.S. Congress District</b> District 8

<b>*Proposal Title</b> (Not to exceed 60 characters) 5280 Okemos Road Acquisition
--

<b>*Proposal Description</b> <p>This grant request is a proposal for the acquisition of 5280 Okemos Road, a 1.858 property located in Haslett, Michigan (Meridian Township). The property is located directly adjacent to Nancy Moore Park and the acquisition would allow the township to construct a separate and more direct access to Nancy Moore Park. This park is a popular township-owned community park that is features paved walking trails, ball diamonds, athletic fields, a pavilion and restroom, a small dog park, and parking. The land will be managed and maintained through the Meridian Township Parks and Recreation Department. The parcel is generally level and the site cover is a mix of landscaped area around the existing residence, open grassy areas, and wooded cover along the rear of the property. The subject property has 235 feet of road frontage and a 100+ year old residence that is in below average to poor condition.</p>
--

<b>*Address of Site</b> 5280 Okemos Road	<b>*City, Village or Township of Site</b> Meridian Township	<b>*Zip</b> 48840
<b>*County in which Site is located</b> Ingham	<b>*Town, Range and Section Numbers of Site Location</b> <i>Letters must be upper-case:</i> <i>(examples: T02N, R13E, 22)</i> (Town) T01N (Range)R01W (Section)16	<b>*Latitude/Longitude at park entrance</b> 42.734141 -84.427548
<b>*Park Name</b> 5280 Okemos Road		



**To: Board Members**

**From: LuAnn Maisner, CPRP  
Director of Parks and Recreation**

**Date: March 14, 2019**

**Re: Resolution of Declaration and Notice**

**North Meridian Road Park DNR Pavilion Grant**

---

The Township was awarded a Michigan Natural Resources Trust Fund grant in the amount of \$50,000 to construct picnic pavilion at North Meridian Road Park. The project is now complete and the final paperwork is being submitted to close the project and receive the final reimbursement.

The grant process with the Michigan Department of Natural Resources requires the Township to record a "Declaration and Notice" and boundary map with Ingham County Registrar of Deeds.

The purpose of the Declaration and Notice is to assure that the grant funded site remain in the public domain for public use. By recording this document, Meridian Township is confirming its obligation to retain ownership of North Meridian Road Park and continue its conservation for public outdoor recreation.

The Park Commission reviewed and approved a resolution to recommend support for the Resolution of Declaration and Notice at their March 12, 2019 meeting.

Attachments:

1. Proposed Resolution of Declaration and Notice

**RESOLUTION TO APPROVE**

**Resolution of Declaration and Notice  
North Meridian Road Park**

At a regular meeting of the Township Board of the Charter Township of Meridian, Ingham County, Michigan, held at the Meridian Service Center, 2100 Gaylord C. Smith Court, Haslett, MI 48840, in said Township on the 19th day of March, 2019 at 6 pm, Local Time.

PRESENT:

ABSENT:

The following resolution of Declaration and Notice was offered by \_\_\_\_\_ and supported by \_\_\_\_\_:

WHEREAS, the Charter Township of Meridian, governing body, hereinafter called Meridian Township, being the owner of all the property described as North Meridian Road Park:

The Northeast  $\frac{1}{4}$  of the Southeast  $\frac{1}{4}$  and the West  $\frac{1}{2}$  of the Southeast  $\frac{1}{4}$  of the Southeast  $\frac{1}{4}$  of Section 13, T4N, R1W, Township of Meridian, Ingham County, Michigan.

Tax ID #33-02-02-13-426-001

Herein after referred to as the Property, attached hereto, located in the Township of Meridian, County of Ingham, Michigan, hereby makes the following declaration to which the Property may be put.

WITNESSETH:

This declaration contained herein is based on the following factual recitals:

- A. Meridian Township developed the Property, in part, through the grant money from the Michigan Natural Resources Trust Fund.
- B. As a condition of the grant by the DNR, Meridian Township has agreed to impose certain restrictions on the developed portion of the Property.

NOW, THEREFORE BE IT RESOLVED BY THE TOWNSHIP BOARD OF THE CHARTER TOWNSHIP OF MERIDIAN, INGHAM COUNTY, MICHIGAN, HEREBY DECLARES THAT THE PORTION OF THE PROPERTY IDENTIFIED AS THE PROJECT AREA IS AND SHALL BE HELD, TRANSFERRED, SOLD, CONVEYED, LEASED, OCCUPIED AND USED SUBJECT TO THE OBLIGATION HEREINAFTER SET FORTH, ALL OF WHICH SHALL RUN WITH THE LAND.





9. G.

**To: Township Board Members**  
**From: Derek N. Perry, Assistant Township Manager  
Director of Public Works & Engineering**  
**Date: March 19, 2019**  
**Re: Disposal of Surplus Vehicles**

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The following Motor Pool vehicles have been declared surplus by the Department of Public Works. We are requesting authorization to sell the vehicles at public auction, internet auction, or by sealed bid.

- Unit 65- 2000 Ford F-350 dump truck. 65,485 miles
- Unit 45- 2004 Chevrolet Malibu sedan. 80,223 miles



# 11.A/13.A

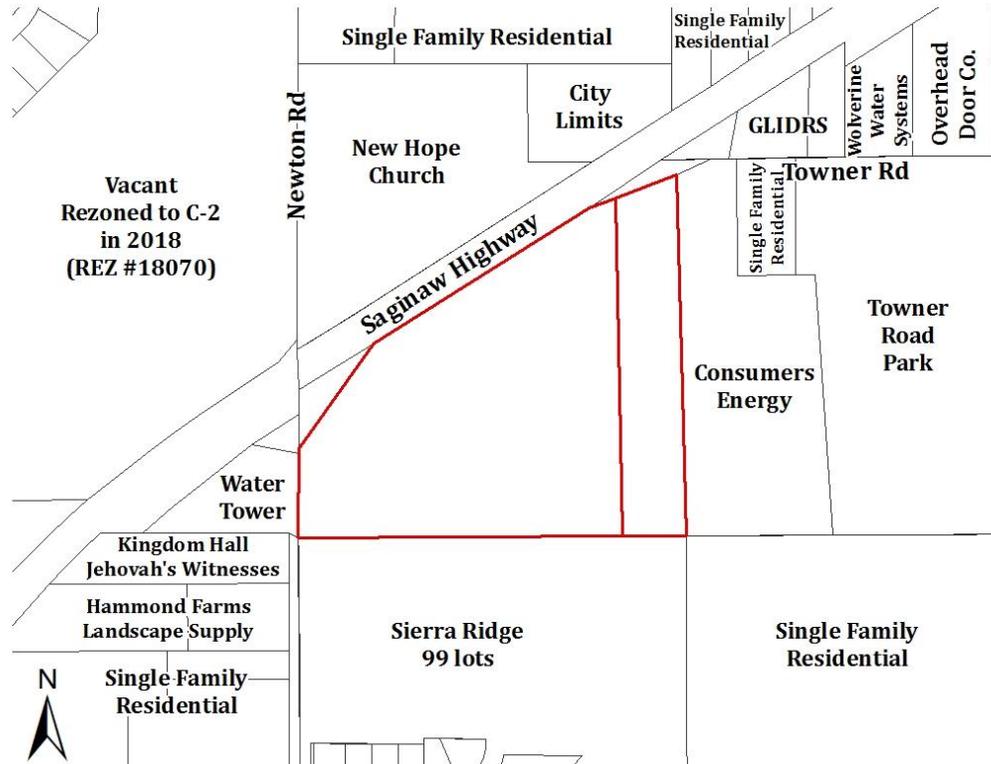
**To:** Township Board

**From:** Mark Kieselbach, Director of Community Planning and Development  
Peter Menser, Principal Planner

**Date:** March 11, 2019

**Re:** Mixed Use Planned Unit Development #18044 (Newton Pointe, LLC) construct Newton Park mixed use project at the southeast corner of Saginaw Highway and Newton Road.

Newton Pointe, LLC has submitted a mixed use planned unit development (MUPUD) proposal for a project identified as Newton Park. The approximate 23.95 acre project site is located at the southeast corner of Saginaw Highway and Newton Road and consists of two parcels, a property addressed as 6276 Newton Road (17.97 acres) and a property recognized as Tax I.D. #04-252-005 (six acres). The site is zoned C-2 (Commercial).



**Mixed Use Planned Unit Development #18044 (Newton Pointe, LLC)  
Township Board (March 19, 2019)  
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The project as originally proposed included the construction of a new 86,468 square foot mixed use building with 85 multiple family dwelling units and 19,367 square feet of commercial space, 10, 10-unit multiple family buildings, six, four-unit single family attached buildings, nine single family dwellings, and a 4,778 square foot clubhouse. The Planning Commission held the public hearing on this version of the site plan at its December 17, 2018 meeting and voted 9-0 to recommend denial at its March 19, 2019 meeting, citing the following reasons for its decision:

- The buildings in the mixed use planned unit development as currently proposed do not provide adequate setback from the adjacent road rights-of-way to the west and north or the future phases of the Sierra Ridge Estates single family subdivision to the south.
- The proposed location of the Newton Road driveway, recycling and trash facilities, mail kiosk, clubhouse, and pool will produce noise, traffic, and odor which adversely affect the future phases of the Sierra Ridge Estates single family subdivision to the south.
- As designed the proposed project creates bottlenecks and traffic concerns at both the Newton Road and Saginaw Highway entrances to the property.
- The requested waivers for building setbacks, parking lot setbacks, number of parking spaces, signage, and water feature setbacks are too numerous and significant in scale to meet the spirit and intent of the MUPUD ordinance.

After the Planning Commission recommendation the applicant submitted a revised site plan. The revised plan includes the construction of a new 106,898 square foot mixed use building comprised of 91 multiple family dwelling units, 6,081 square feet of commercial space, and 9,368 square feet of clubhouse space. The rest of the project consists of 10, 10-unit multiple family buildings, five, four-unit multiple family buildings, and fourteen single family dwellings. Overall, 225 total residential units are proposed on the property. The table below highlights the primary differences between the two plans:

	<b>Updated Site Plan</b>	<b>Previous Site Plan</b>
Mixed Use Building (sq. ft.)	106,898 sq. ft. 91 units	86,468 sq. ft. 85 units
Commercial space (sq. ft.)	6,081 sq. ft.	19,367 sq. ft.
No. of 10-unit buildings	10	10
No. of 4-unit buildings	5	6
No. of single-family buildings	14	9
Clubhouse (sq. ft.)	9,368 (inside mixed use bldg.)	4,778 (separate building)
Total units	225	218
Parking spaces	388	410

In addition to the MUPUD, a special use permit (SUP) is required for constructing a group of buildings totaling more than 25,000 square feet in gross floor area (SUP #18091). The special use permit is being processed concurrently with the MUPUD request.

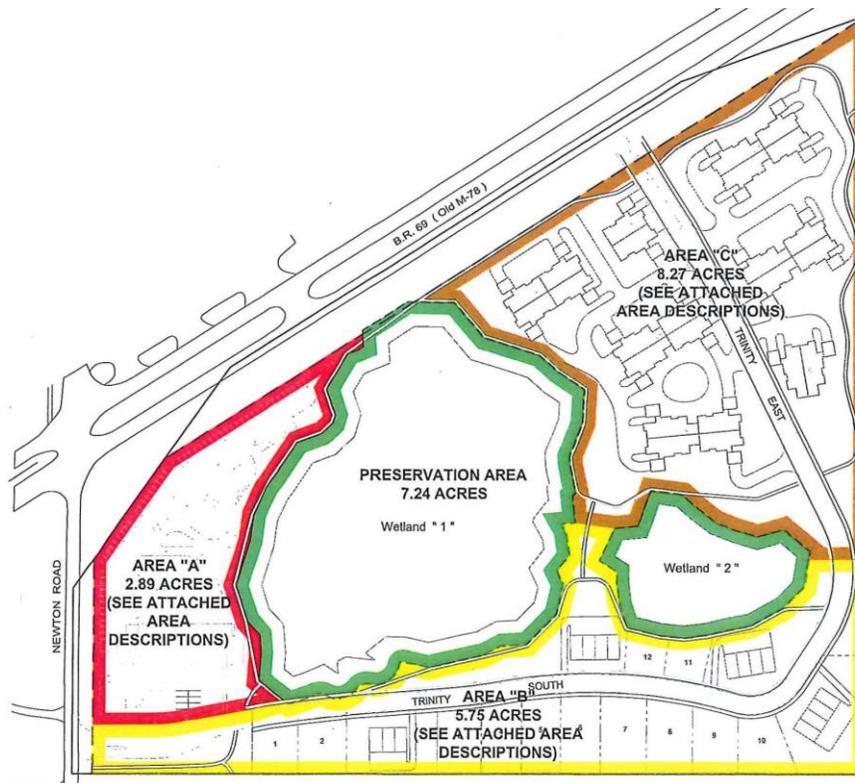
Given the changes to the site plan, staff has drafted a new memorandum on the project and did not include the first staff report that went to the Planning Commission as the information is no longer relevant. The following is a staff review of the MUPUD based on the revised site plan.

### **2006 Rezoning**

In 2006 the property was rezoned (Rezoning #06050) to C-2 with a condition offered by the applicant at the time to develop the property as a MUPUD. The condition also placed limitations on the types and sizes of uses allowed on the property, as well as residential density. Three areas of development were identified; Area A, Area B, and Area C. Overall, the entire property was limited to no more than 10 dwelling units per acre. The exhibits approved as part of Rezoning #06050 (attached) detail the uses allowed for each of the three areas of the property. A general description of each is included below.

- Area A: limits the types of allowed land uses, restricting uses such as bowling alleys, gasoline stations, and brewpubs, among others. It also limits first-floor commercial space to no more than 25,000 square feet.
- Area B: is limited to single family detached (free-standing) units and single family attached brownstone-type townhouses. The townhouses are limited to three or four units. The density of Area B cannot exceed six dwelling units per acre (du/a).
- Area C: is limited to multiple family apartments (and/or condominium units) at a density of no more than 14 du/a.

The map on the following page depicts Areas A, B, and C as established by Rezoning #06050.



As proposed, Area A would consist of a mixed use building with a total of 91 apartments divided among the first, second, and third floors. The first floor of the mixed use building contains 6,081 square feet of commercial space and 9,368 square feet of clubhouse space within the same building. Total commercial square footage is 6,081 square feet, which complies with the condition of Rezoning #06050 limiting first-floor commercial space to no more than 25,000 square feet. The submitted floor plans show a 21,759 square foot mezzanine level in the mixed use building. The applicant has not indicated the use of the mezzanine. The apartments consist of 20 studio units, 24 one bedroom units, 31 one bedroom lofts, and 16 two bedroom units.

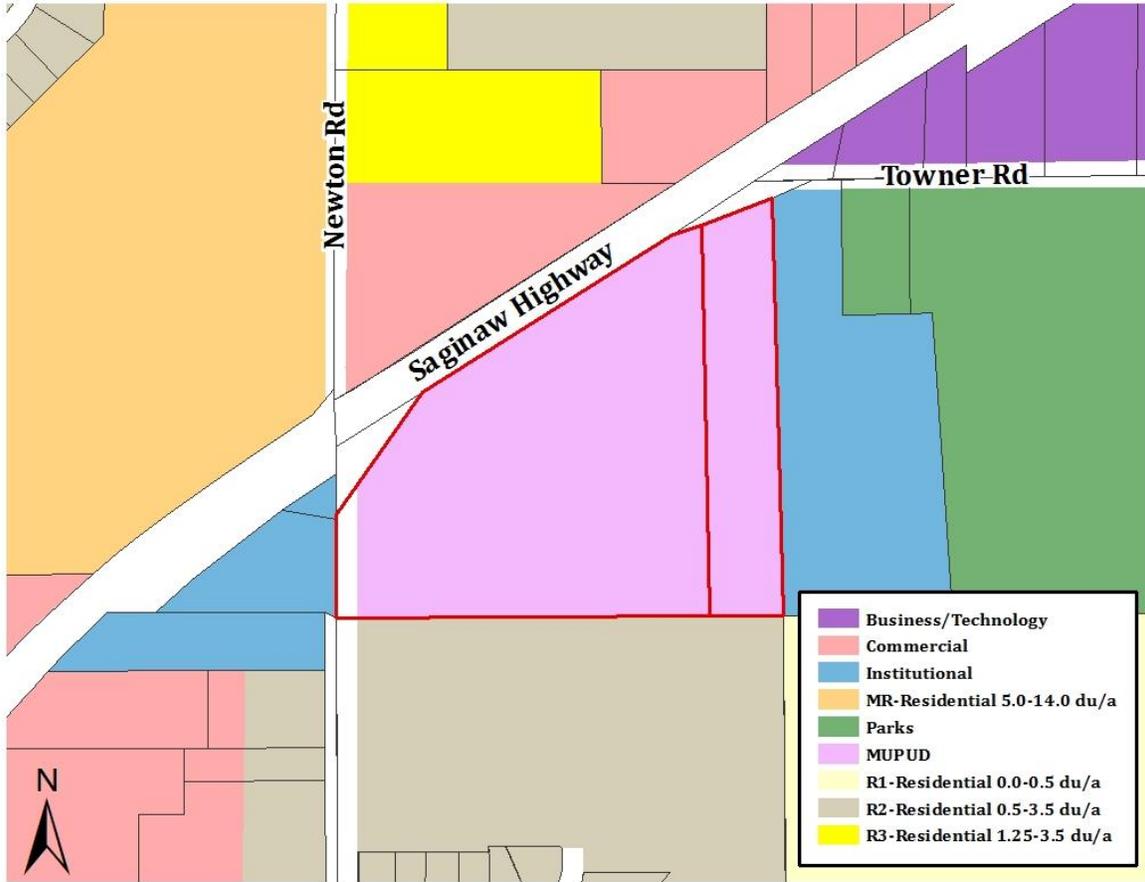
Area B would consist of five, four-unit single family attached buildings (referred to as quadplexes) and fourteen single family detached houses. The quadplex units all consist of two bedroom and three bedroom units. The fourteen single family detached homes consist of three bedrooms. Residential density in this area would be 5.91 dwelling units per acre, which complies with the maximum density of six du/a established for Area B in Rezoning #06050.

As established in Rezoning #06050, Area C is limited to multiple family apartments (and/or condominiums). The applicant is proposing 100 multiple family dwelling units in Area C, which would be divided among 10, 10-unit buildings consisting of 40 one bedroom units, 40 two bedroom units, and 20 three bedroom units. Residential density in this area would be 12.09 du/a, which complies with the maximum density of 14 du/a established for Area C in Rezoning #06050.

**Master Plan**

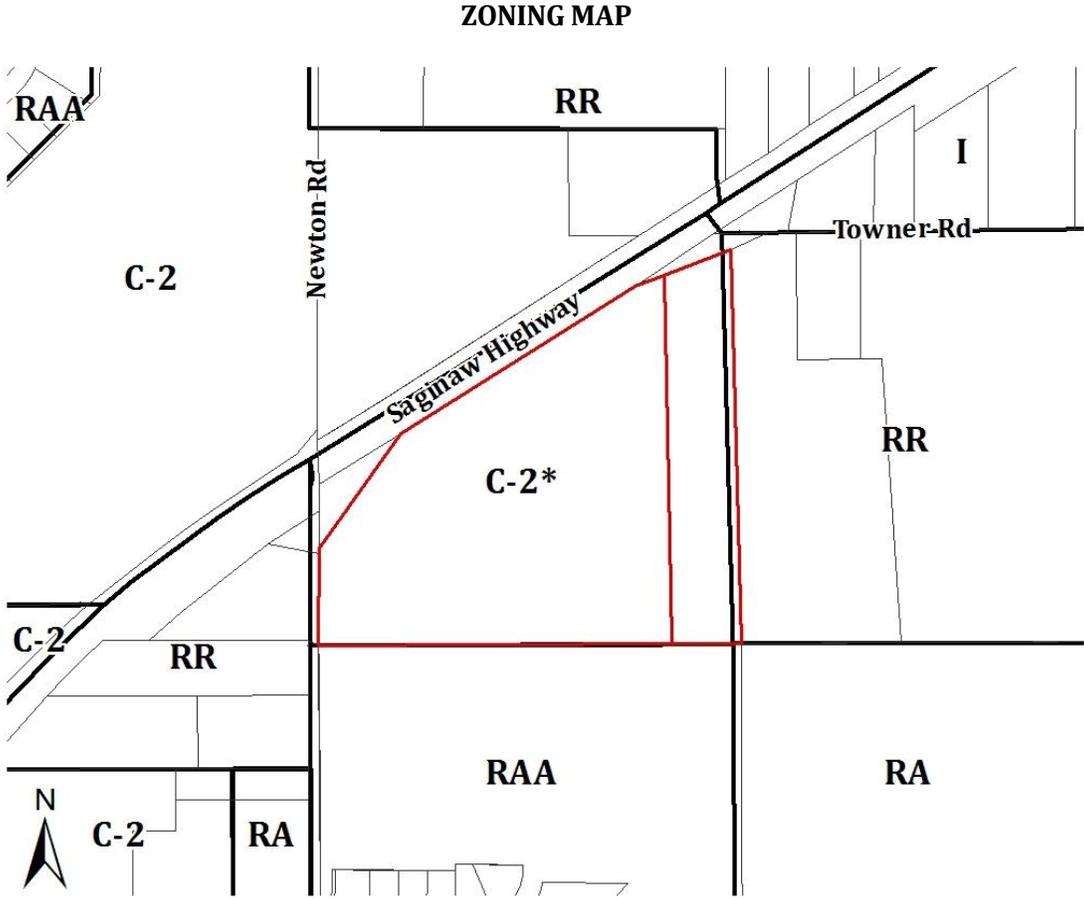
The Future Land Use Map from the 2017 Master Plan designates the subject property as MUPUD.

**FUTURE LAND USE MAP**



**Zoning**

The proposed project is located in the C-2 (Commercial) zoning district. A MUPUD is permitted in the C-2, C-3 (Commercial), CR (Commercial Recreation), and CS (Community Service) zoning districts and is also permitted in C-1 (Commercial) and PO (Professional and Office) when public water and sewer are available. All uses permitted by right and by special use permit in the underlying C-2 zoning district are permitted in a MUPUD. Rezoning #06050 placed restrictions on the uses allowed on the subject site.



## **Streets and Traffic**

The subject site is located at the southeast corner of Saginaw Highway and Newton Road. Saginaw Highway is a four-lane divided highway, without curb and gutter, classified as a Principal Arterial on the Street Setbacks and Service Drives Map in the zoning ordinance. The posted speed limit is 55 miles per hour in the project area. Newton Road is a two lane road, without curb and gutter, classified as a local street in the zoning ordinance. The posted speed limit is 45 miles per hour in the project area. The Pedestrian and Bicycle Pathway Map shows a required 10 foot wide pathway along Saginaw Highway and a required seven foot wide pathway along Newton Road. The applicant will be required to install the pathway along the Saginaw Highway and Newton Road property frontages.

Three proposed driveways provide access to the subject site, one from Newton Road and two from Saginaw Highway. Of the Saginaw Highway driveways, the eastern driveway is designed to have a right-in and right-out lane; the western Saginaw Highway driveway is designed to have one right-in lane only.

The most recent (2008) traffic count information from the Ingham County Road Department (ICRD) for Newton Road, between Lake Lansing Road and Saginaw Highway, showed a total of 669 vehicles in a 24 hour period. The most recent (2017) traffic count information from the Michigan Department of Transportation (MDOT) for Saginaw Highway, between Lake Lansing Road and the Ingham/Clinton County line, showed a total of 12,835 vehicles in a 24 hour period.

A traffic impact study is required for MUPUDs which would generate over 100 directional trips during a peak hour of traffic on adjacent roadways. The applicant submitted a traffic impact study prepared by Traffic Engineering Associates, Inc. dated February 2018 that provides information on traffic generated by the proposed MUPUD. The study was updated in November 2018 to address changes to the project which includes redesigned access points in response to feedback from the Ingham County Road Department. The study looks at existing, background (future traffic volumes without the traffic generated by the proposed development), and future level of service (LOS) during the AM (7:15-8:15 a.m.) and PM (4:45-5:45 p.m.) peak hours at the following three intersections around the project site:

- Saginaw Highway and Newton Road
- Saginaw Highway and East Median Opening (proposed, see following paragraph)
- Saginaw Highway and Towner Road

The Michigan Department of Transportation (MDOT) has plans to restructure Saginaw Highway between Newton Road and Towner Road beginning in 2019. The new roadway design will close off the existing boulevard (pass-through) openings at Newton Road and Towner Road. There are proposed median openings east and west of the existing intersections. All traffic on Newton Road and Towner Road will be required to make a right turn then use one of the median openings to either complete their route on Newton Road or Towner Road or to make a left turn. The traffic impact study incorporated the proposed redesign of Saginaw Highway into the background and future traffic information as the proposed improvements are not scheduled to be completed until the beginning of 2021.

The traffic study notes existing traffic at the studied intersections all operate at an acceptable LOS (LOS C or better) during the AM and PM peak hours. The study shows background traffic at the studied intersections will operate at an acceptable level of service (LOS C or better) during AM and PM peak hours. Under future conditions, it is projected all movements will continue to operate at an acceptable level of service (LOS D or better), except for the southbound right turn movement from Newton Road to westbound Saginaw Highway during the AM peak hour. This movement is expected to operate at a LOS E with a vehicle delay of 41.1 seconds, a 10.0 second increase from background traffic.

The traffic impact study estimated traffic generation for the proposed project based on 85 *Multifamily Housing (Mid-Rise)* apartment units in Area A (Land Use Code 221 in the Institute of Transportation Engineers (ITE) trip generation manual), 19,367 square feet of *Medical-Dental Office Building* in Area A (Land Use Code 720 in the ITE trip generation manual), 9 *Single-Family Detached Housing* units in Area B (Land Use Code 220 in the ITE trip generation manual), 24 townhomes (Area B) and 100 apartment units of *Multifamily Housing (Low-Rise)* in Area C (Land Use Code 220 in the ITE trip generation manual). The following table estimates traffic generation for the proposed project with previous site details. As the total number of units have in the project not changed significantly, calculations for the altered site plan did not require an additional traffic study.

Land Use	Size	AM Peak Hour			PM Peak Hour			Weekday
		In	Out	Total	In	Out	Total	
Multifamily Housing (Mid-Rise), Land Use Code 221	85 Units	8	23	31	23	15	38	462
Medical-Dental Office Building, Land Use Code 720	19,367 sq. ft.	42	12	54	19	49	68	674
Multifamily Housing (Low-Rise) Land Use Code 220	24 Units	3	9	12	11	6	17	176
Multifamily Housing (Low-Rise) Land Use Code 220	100 Units	11	37	48	37	22	59	732
Single-Family Detached Housing, Land Use Code 210	9 Units	3	8	11	6	4	10	113
<b>Total Trips</b>		<b>67</b>	<b>89</b>	<b>156</b>	<b>96</b>	<b>96</b>	<b>192</b>	<b>2,157</b>

## **Physical Features**

The subject property is currently undeveloped. The topography of the site slopes from 877 feet above mean sea level near the northeastern and southeastern portions of the property to a low point of 869 feet above mean sea level near the central region of the site. The Flood Insurance Rate Map (FIRM) for Meridian Township indicates the property is not located in a floodplain.

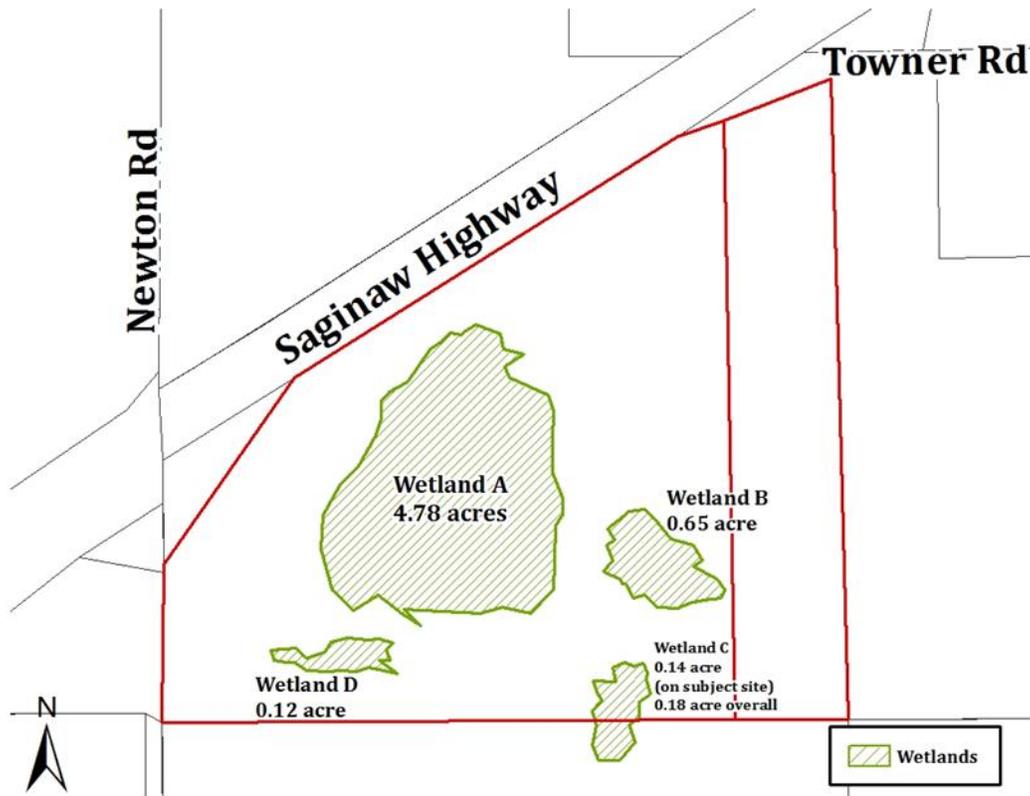
### *Wetlands*

Four wetlands are located on the property. A wetland delineation was conducted by the applicant's wetland consultant in 2017 to determine the boundary, regulatory status, and size of the wetlands. The delineation was verified by the Township's wetland consultant in July of 2018. Wetland A on the submitted plans is 4.78 acres in size and regulated by the Township. Wetland B is 0.65 acres in size and, while under the 0.25 acre threshold for Township regulation, was deemed to be essential by the Township Board at its December 4, 2018 meeting and is therefore regulated. Wetlands C and D are 0.18 and 0.12 acres in size and are not subject to Township regulation as they fall below the 0.25 acre threshold.

Section 86-471 of the Code of Ordinances requires all structures and grading activities be set back 20 feet (Wetland B) or 40 feet (Wetland A) from a delineated wetland boundary depending on the size of the wetland, and that a natural vegetation strip be maintained within 20 feet of the wetland boundary. As proposed, walking trails would extend into the wetland setback, which would require a waiver as part of the MUPUD.

The applicant proposes to discharge storm water from the development to Wetlands A and B, which requires approval of a wetland use permit. A wetland use permit (WUP #18-03) is being reviewed concurrently with the MUPUD and SUP requests. Wetland use permit applications submitted in conjunction with a related land development activity are decided by the same entity that decides the related land development activity. The Township Board will make the decision regarding the wetland use permit.

### WETLANDS MAP



#### Utilities

Municipal water is available in the vicinity of the project site however sanitary sewer is not currently in the vicinity and would have to be extended to serve the proposed development.

#### Parking

The Township Code of Ordinances requires two parking spaces for each dwelling unit plus an additional 25% expansion capacity. Five (minimum) to 5.5 (maximum) parking spaces per 1,000 square feet of gross floor area are required for the commercial space. With 225 dwelling units and 6,081 square feet of commercial space, a total of 593 parking spaces would be required for the project.

The ordinance allows the number of required motor vehicle parking spaces on the site to be reduced by one motor vehicle parking space for every two bicycle parking spaces installed on a site, up to a maximum of 10 percent of the total number of required motor vehicle parking spaces. Using this formula the required number of motor vehicle parking spaces can be reduced by 28 spaces. With the allowed reduction granted for bicycle parking, the total required motor vehicle parking is reduced to 565 spaces.

In addition to the required motor vehicle parking, one bicycle parking space for every 10 required vehicle parking spaces must also be provided. The maximum number of required bicycle parking spaces cannot exceed 50, however more bicycle parking can be provided. With 565 motor vehicle parking spaces, the maximum of 50 bicycle parking spaces are required for the project. 56 bicycle parking spaces (28 bicycle racks) are proposed in different areas on the property.

The submitted site plan proposes 388 parking spaces on the site. With 565 required parking spaces and 388 proposed spaces the applicant is seeking a 177 space waiver from the Township Board as part of the MUPUD approval.

### **Staff Analysis**

The applicant has requested to construct a MUPUD identified as Newton Park. In a MUPUD request the Planning Commission makes a recommendation on the project and the Township Board makes the final decision. When reviewing the project the Township Board should consider the appropriateness of the requested waivers, the proposed amenities and related review criteria, and the design standards as outlined in Section 86-440(f) of the Code of Ordinances.

The MUPUD ordinance generally waives the standard requirements for lot size, yards, frontage requirements, setbacks, maximum impervious surface, and type and size of dwelling unit, provided the purpose and intent of the ordinance are incorporated into the overall development plan. The MUPUD ordinance is intended to provide flexibility for the Planning Commission and Township Board to set appropriate standards during the review process.

The following is a summary of the project's consistency with the MUPUD ordinance standards. As part of this project analysis, standards for the underlying C-2 zoning district will be compared to what is proposed on the submitted site plan.

*Land Use:* All uses permitted by right and by special use permit in the underlying zoning district are allowed in a MUPUD. When the property was rezoned to C-2 the rezoning was conditioned on developing the property as a MUPUD. The condition also placed limitations on the types and sizes of commercial and residential uses. The applicant has not indicated a tenant(s) for the commercial space. Restrictions to commercial land uses include the prohibition of bowling alleys, gasoline stations, and brewpubs, among others. First-floor commercial space is limited to no more than 25,000 square feet.

*Density:* The submitted plan proposes 225 dwelling units on 23.95 acres for an overall density of 9.39 dwelling units per acre (du/a).

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*Phasing:* The applicant has indicated the entire project will be completed in one phase.

*Amenities:* One or more amenities are required for every MUPUD project and should represent multiple categories from the list of amenity categories which are Conservation; Environment; Parks, Recreation, and Culture; Social Interaction; and Site and Building Design. Criteria to determine whether a proposed amenity is acceptable for consideration can be found in Section 86-440(e)(2) of the MUPUD ordinance.

The submitted site plan lists the following amenities: pocket park/public seating plaza, uncovered bike racks, clubhouse, dog park, walking paths, raised garden areas, dog waste cans/relief area, trash can receptacles, and a walking path connector to Towner Road Park. The Township Board should note bicycle racks are a requirement and therefore are not considered an amenity for the project.

*Building height:* The maximum building height allowed in a MUPUD is 45 feet. Building elevations are provided in the MUPUD application materials. The building elevations indicate all building types comply with the maximum height requirement.

*Building materials:* Generally, building materials in a MUPUD should include, but are not limited to, wood, brick, clapboards, beadboard, glass, and stone. Other materials such as vinyl, aluminum, and metal sidings should be avoided. All buildings should be completed on all sides with acceptable materials. The design of the buildings should relate to and blend with the facades of adjacent buildings and complement streetscape improvements in the area. The proposed building materials for the project are a mix of stone and exterior insulation and finish system (EIFS) siding. EIFS siding is a composite material that provides exterior walls with an insulated and water-resistant finished surface. Elevations of the buildings were submitted that show the different building materials for the project. The building materials for the accessory buildings such as the pool house and the maintenance building are similar to the building materials used for the project.

*Architectural design:* The MUPUD ordinance states that buildings wider than 50 feet shall be divided into increments of not more than 50 feet through articulation of the facade. Scaled building elevations have been provided which indicate the buildings as proposed provides the required facade articulation. The MUPUD ordinance also requires that windows cover no less than 50% of nonresidential street level facades. Based on the submitted floor plans a portion of the 6,081 commercial space is located on the mixed use building's northwest facade facing Saginaw Highway. The submitted building elevations show windows along Newton Road and Saginaw Highway that cover at least 50% of facade at the street level.

*Railings, benches, trash receptacles, or bicycle racks:* Accessory items such as railings, benches, trash receptacles, or bicycle racks are required to be of commercial quality and complement the building design and style. The submitted architectural renderings of the building shows railings for the balcony units and benches but details were not provided to indicate the materials of these items. The submitted site plan shows 28 bicycle racks on the site. The Township requires the use of an inverted "U" shaped bicycle rack. The amenities plan indicates the proposed bicycle racks will be the inverted "U" shaped style.

*Trash and recycling:* One commercial dumpster, compactor, and recycle center is shown on the submitted site plan at the southwest corner of the subject property. The Township requires any proposed trash or recycling structure to be screened.

*Parking:* The setbacks for a parking area and the number of parking spaces required can be waived in a MUPUD. 565 parking spaces are required for the project and the applicant is proposing 388 spaces.

*Landscaping:* Proposed landscaping must generally comply with the provisions of the Code of Ordinances. Landscaping should be designed to preserve existing significant natural features and to buffer service areas, parking lots, or dumpsters. A mix of evergreen and deciduous plants and trees are preferred, along with seasonal accent plantings. A minimum of four feet of landscaped area is required around the perimeter of the mixed use building. While not required as part of the MUPUD application, a landscape plan for the project was submitted. Landscaping will be reviewed in detail during site plan review if the MUPUD and SUP are approved.

*Lighting:* The MUPUD ordinance requires site lighting to comply with the Outdoor Lighting Ordinance and limits street lighting intended to provide illumination for pedestrians on the sidewalk to no taller than 15 feet in height. Information on site lighting was provided and will be reviewed in detail during site plan review if the project proceeds.

*Signs:* A sign program is required as part of the MUPUD application showing the style, size, number, and location of any proposed signs and is approved by the Township Board as part of the MUPUD. The submitted plans show three 68.3 square foot (8' 4" tall) monument signs proposed on the property, one located on the south side of the driveway at Newton Road, and one each on the southwest side of both Saginaw Highway driveways. Freestanding signs are generally not permitted in a MUPUD. Exceptions for freestanding signs of the monument type may be permitted when a building is set back a minimum of 15 feet from the right-of-way (ROW) line with the resulting yard set aside for permanent public open space. Freestanding signs must be set back at least 10 feet from the street right-of way line.

The proposed monument sign on the west side of the property is located south of the driveway at Newton Road. The front yard area located west of the mixed use building and east of the Newton Road right-of-way is not proposed to be set aside for permanent public open space. Additionally, the mixed use building is set back six feet from the Newton Road right-of-way, not the required 15 feet to qualify for the freestanding sign exception. The two proposed monument signs along Saginaw Highway are located in yard area which exceed the minimum 15 feet required for the freestanding sign exception, however the yard area is not proposed to be set aside for permanent public open space. As proposed, the three freestanding signs would not be permitted without a waiver.

The submitted building elevations show wall signs on the mixed use building. Each business is permitted one wall sign. Seven, seven square foot wall signs are located on the front elevation (street side) of the mixed use building. The elevations also show eight, seven square foot wall signs located on the rear elevation (parking lot side) of the mixed use building. As proposed, the eight wall signs on the rear building elevation would not be permitted without a waiver, which was not requested by the applicant, as each business is permitted one wall sign.

*Sidewalks:* Generally, sidewalks in a MUPUD must be a minimum of five feet in width. Seven foot wide sidewalks are required when a sidewalk is located immediately adjacent to an off-street parking area. The submitted site plan shows seven foot wide sidewalks connecting parking areas to the mixed use building and clubhouse, and both four and five foot wide sidewalks throughout Areas B and C, generally around the buildings. A waiver cannot be granted for construction of four foot wide sidewalks. All four foot sidewalks proposed must be expanded to a minimum of five feet in width.

### **Waiver requests**

The following is an updated list of waivers the applicant is requesting from the requirements of the underlying C-2 (Commercial) zoning district:

*Front yard setback (Saginaw Highway):* A 100 foot front yard setback from the center of the Saginaw Highway ROW is required. At its closest point, the proposed pool house is located 79.7 feet from the centerline of Saginaw Highway. A waiver of 20.3 feet is requested for the front yard building setback (a decrease of 4.2 feet from the previous waiver request).

*Front yard setback (Newton Road):* The required setback is 25 feet from the Newton Road street right-of-way line. At its closest point the proposed mixed use building is located six feet from the street right-of-way. A waiver of 19 feet is requested for the front yard building setback (a decrease of 5.5 feet from the previous waiver request).

*Setback from residential zoning district (south):* In the C-2 zoning district no structure is permitted within 100 feet of any residential zoning district boundary line. As proposed, Buildings B6 through B19 (single family houses) are located 30 feet from the RAA (Single Family-Low Density) property to the south, therefore a waiver of 70 feet is requested for the setback from the residential zoning district boundary.

*Setback from residential zoning district (east):* Buildings C5, C6, and C7 (10-unit apartment buildings) are located 20 feet from the RR (Rural Residential) property to the east, therefore a waiver of 80 feet is requested for the setback from the residential zoning district boundary.

*Parking:* 565 parking spaces are required for the project based on the number of residential units, commercial space in the mixed use building, and the allowed reduction granted for bicycle parking. 388 parking spaces are proposed by the applicant (a decrease of 22 spaces from the previous site plan). A waiver of 177 parking spaces is requested.

*Parking lot setback (adjacent to residential zoning district):* Where a parking area with a capacity of 50 or more vehicles, or its associated internal access or service drives, adjoins a residential district a landscaped buffer at least 40 feet wide must be provided between the parking area and the adjoining property line. At its closest point the parking lot on the southeastern side of the property is located 18 feet from the RR zoning district line. A waiver of 22 feet is requested for the parking lot setback from a residential zoning district (a decrease of eight feet from the previous waiver request).

*Parking lot setback (adjoining a public street):* Where a parking area adjoins a public street a landscaped buffer at least 20 feet wide must be provided between the parking area and the adjacent right-of-way. At its closest point the parking area northeast of the pool house is located 19.93 feet from the Newton Road ROW. A waiver of 0.07 feet is requested for the parking lot setback from a public street (a decrease of 18.43 feet from the previous waiver request).

*Wall signs:* The submitted building elevations show seven, seven square foot wall signs located on the front elevation (street side) of the mixed use building and eight, seven square foot wall signs on the rear elevation (parking lot side) of the mixed use building. As proposed, the eight wall signs on the rear building elevation would not be permitted without a waiver, as each business is permitted one wall sign.

*Freestanding signs:* Freestanding signs are generally not permitted in a MUPUD. Exceptions for freestanding signs of the monument type may be permitted when a building is located a minimum of 15 feet from the ROW line with the resulting yard set aside for permanent public open space. The submitted plans show three 68.3 square foot (8' 4" tall) monument signs proposed on the property, one on the south side of the driveway at Newton Road, and two along Saginaw Highway. The mixed use building is set back approximately six feet from the Newton Road ROW. Additionally, permanent public open space in the yard areas between the three monument signs and the adjoining rights-of-way are not proposed to be set aside as permanent public open space. A waiver is required for the installation of the three freestanding signs.

*Wetland setback:* All structures and grading activities shall be setback at least 20 feet (Wetland B) or 40 feet (Wetland A) from the delineated boundary of a wetland. Walking paths extend into the wetland setback at numerous locations around Wetlands A and B. A waiver is being requested to encroach into the wetland setback.

## **Township Board Options**

The Township Board may approve or deny the proposed mixed use planned unit development project. If the Board amends the proposal, the request may be referred back to the Planning Commission for a recommendation. A resolution will be provided at a future meeting.

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**Attachments**

1. Mixed Use Planned Unit Development Application (revised) received by the Township on February 19 2019.
2. Newton Park Project Summary dated February 18, 2019 and received by the Township on February 19, 2019.
3. Resolution to recommend denial.
4. Minutes from 11-5-18 Planning Commission meeting (public hearing).
5. Minutes from 11-26-18 Planning Commission meeting (recommendation).
6. Minutes from 12-17-18 Planning Commission meeting (decision).
7. Communications.
8. Revised site plans prepared by Kebs, Inc. dated November 22, 2017 (Revision Date February 18, 2019) and received by the Township on February 19, 2019.
9. Detailed site amenities plan prepared by Luke Landscape dated January 25, 2019 and received by the Township on February 19, 2019.
10. Detailed landscape plans prepared by Luke Landscape dated January 23, 2019 and received by the Township on February 19, 2019.
11. Newton Park Unit Mix and Building Areas received by the Township on February 19, 2019.
12. Approved Preliminary Plat for Sierra Ridge Estates.

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**CHARTER TOWNSHIP OF MERIDIAN  
DEPARTMENT OF COMMUNITY PLANNING AND DEVELOPMENT  
5151 MARSH ROAD, OKEMOS, MI 48864  
PHONE: (517) 853-4560, FAX: (517) 853-4095**

**MIXED USE PLANNED UNIT DEVELOPMENT APPLICATION**

**Before submitting this application for review, an applicant shall participate in the pre-application conference with the Director of Community Planning and Development to discuss the requirements for a Mixed Use Planned Unit Development.**

**Part I**

- A. Applicant \_\_\_\_\_  
Address of Applicant \_\_\_\_\_  
Telephone - Work \_\_\_\_\_ E-Mail \_\_\_\_\_ Fax \_\_\_\_\_  
Interest in property (circle one):      Owner      Tenant      Option      Other \_\_\_\_\_  
(Please attach a list of all persons with an ownership interest in the property.)
- B. Site address / location / parcel number \_\_\_\_\_  
Legal description (please attach if necessary) \_\_\_\_\_  
Current zoning \_\_\_\_\_  
Project name \_\_\_\_\_
- C. Developer (if different than applicant) \_\_\_\_\_  
Address \_\_\_\_\_  
Telephone: Work \_\_\_\_\_ E-Mail \_\_\_\_\_ Fax \_\_\_\_\_
- D. Architect, Engineer Planner or Surveyor responsible for design of project if different from applicant:  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
Telephone(s) \_\_\_\_\_ E-Mail \_\_\_\_\_ Fax \_\_\_\_\_
- E. Acreage of all parcels in the project: Gross \_\_\_\_\_ Net \_\_\_\_\_
- F. Proposed Uses and Site Amenities:
1. Non-residential uses:
    - a. Type \_\_\_\_\_
    - b. Percent of project area \_\_\_\_\_
    - c. Total square feet for non-residential uses \_\_\_\_\_
    - d. Usable floor area \_\_\_\_\_
    - e. Number of employees \_\_\_\_\_
    - f. Hours of operation \_\_\_\_\_
  
  2. Residential Uses:
    - a. Percent of project area \_\_\_\_\_
    - b. Total dwelling units \_\_\_\_\_
    - c. Dwelling unit mix:
      - i. Number of single family detached:      for Rent \_\_\_\_\_ Condo \_\_\_\_\_
      - ii. Number of duplexes:      for Rent \_\_\_\_\_ Condo \_\_\_\_\_
      - iii. Number of townhouses:      for Rent \_\_\_\_\_ Condo \_\_\_\_\_
      - iv. Number of garden style apartments:      for Rent \_\_\_\_\_ Condo \_\_\_\_\_
      - v. Number of other dwellings:      for Rent \_\_\_\_\_ Condo \_\_\_\_\_

3. Parking:
  - a. Non-residential uses \_\_\_\_\_
  - b. Residential uses \_\_\_\_\_
  
4. Proposed Amenities: Type \_\_\_\_\_  
 (General) Type \_\_\_\_\_  
 Type \_\_\_\_\_  
 Type \_\_\_\_\_
  
- Proposed Amenities: Type \_\_\_\_\_  
 (Density Bonus) Type \_\_\_\_\_  
 Type \_\_\_\_\_  
 Type \_\_\_\_\_

G. The following support materials must be submitted with the application:

1. Nonrefundable fee.
2. Legal Description of the property. (A sealed survey may be required)
3. Evidence of fee or other ownership of the property or a letter from the owner authorizing the request including the owner's proof of ownership.
4. A written description of the project including, but not limited to: a site analysis; the principal factors which influenced the site plan and architectural elements; and, the proposed phasing program for non-residential and residential uses, installation and/or construction of amenities.
5. ~~Fourteen~~ ~~copies~~ ~~(Thirteen~~ ~~(13)~~ 24"x36" and one 8½" x11") of a Site Plan drawn to a readable scale containing the following (may be a set of plans for readability):
  - Total property, its location in the Township, its relationship to adjacent properties
  - Boundaries of subject property
  - Location and dimensions of all existing and proposed structures
  - Approximate location and distance of all structures within 100 feet of the subject property
  - Proposed means of vehicular and pedestrian ingress and egress to the subject property
  - Public and private roads and streets, rights-of-way and easements indicating names and widths of streets which abut or cross the site
  - Existing and proposed parking spaces and vehicular and pedestrian circulation patterns
  - Dimensions of setbacks from streets, property lines and between buildings on the site
  - Location of proposed amenities
  - Location and size of existing utilities including power lines and towers, both above and below ground
  - Amount and location and calculation of all impervious surfaces
  - Verified boundaries of all natural water features and required setback lines
6. A reproducible two foot contour topographic map based on United States Geological Survey (USGS) drawn at the same scale as the site plan and showing existing relief features on the site.
7. A schematic layout of the proposed storm sewer system.
8. Architectural sketches of all elevations of proposed buildings or structures, including the project entrances, as they will appear upon completion. The sketches should be accompanied by material samples or a display board of the proposed exterior materials and colors.
9. Floor plans of proposed residential units.

10. A Traffic Study (if the project will exceed 100 vehicle trips during the peak hours of the roadway(s), prepared by a qualified traffic engineer, based on the most current edition of *Evaluating Traffic Impact Studies: A Recommended Practice for Michigan Communities*, published by the State Department of Transportation.
  11. Natural Features Study for previously undeveloped properties which includes a written description of natural features proposed to be retained, removed, or modified. Natural features shall include, but are not limited to, wetlands, floodways, floodway fringe, waterbodies, significant stands of trees or individual trees greater than 12 inches dbh, identified groundwater vulnerable areas, slopes greater than 20 percent.
  12. Preliminary engineering reports in accordance with the adopted Township water and sewer standards, together with a letter of review from the Township Engineer.
  13. A sign program illustrating size and location of each proposed sign type.
  14. A lighting plan (see Chapter 38, Article VII).
  15. Copies of comments from reviewing agencies such as, but not limited to, the following:
    - Ingham County Road Commission
    - Ingham County Drain Commission
    - Michigan Department of Transportation (if applicable)
    - Michigan Department of Environmental Quality (if applicable)
    - The appropriate school board (as applicable)
- H. Any other information specified by the Director of Community Planning and Development which is deemed necessary to evaluate the application.

**Part II**

I (we) hereby grant permission for members of the Charter Township of Meridian's Boards and/or Commissions, Township staff member(s) and the Township's representatives or experts the right to enter onto the above described property (or as described in the attached information) in my (our) absence for the purpose of gathering information including but not limited to the taking and the use of photographs.

Yes       No      (Please check one)

By the signature(s) attached hereto, I (we) certify that the information provided within this application and accompanying documentation is, to the best of my (our) knowledge, true and accurate

\_\_\_\_\_  
Signature of Applicant

\_\_\_\_\_  
Date

\_\_\_\_\_  
Type/Print Name

Fee: \_\_\_\_\_

Received by: \_\_\_\_\_

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

Pre-Application Meeting Held: \_\_\_\_\_  
Date

Application Complete: \_\_\_\_\_  
Date

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



**February 18, 2019**

**Mr. Peter Menser**  
Principal Planner  
Meridian Township  
5151 Marsh Road  
Okemos, MI 48864

Re: **Newton Park**  
**6276 Newton Road**  
**MUPUD Application**

Dear Mr. Menser,  
Newton Pointe, LLC is pleased to submit the MUPUD Application package for the referenced project.

**Project Summary –**

This site received approved for rezoning (#06050) to Commercial (C-2) by the Meridian Township Board on March 20, 2007. The approval for rezoning is conditioned on the site being developed under the Township's mixed use planned unit development ordinance with limitations on the types of permitted uses and the residential density of the development. This MUPUD Application complies with these conditions and contains site data for the different types of proposed uses, along with the proposed waiver list. We presented the project at the Concept Plan Review stage to the Meridian Township Planning Commission and the Board of Trustees last year, at which time it received enthusiastic support.

In addition to the Project Description on the following pages, this package includes the following applications and supporting documentation -

- Mixed Use Planned Unit Development Application
- Special Use Permit Application
- Wetland Use Permit Application

Please let us if we need to take any further action or you require further information to process these applications. We look forward to receiving Meridian Township approval to proceed with our development.

A handwritten signature in blue ink, appearing to read 'A. Holman', is written over a horizontal line.

Thank you,  
Chuck Holman  
*Vice President, Development & Construction*  
DTN Management Company

## **PROJECT DESCRIPTION**

### **The Property**

The property is a 26.11 acre parcel (Parcel Nos. 33-02-04-252-004 & 005) located on the southeast corner of the intersection of Newton Road & Saginaw Highway (M-78). The property has been owned by Newton Pointe, LLC and its affiliates since 2001. The property falls within the jurisdiction of Meridian Township. This site received approval for rezoning (#06050) to Commercial (C-2) by the Meridian Township Board on March 20, 2007. The approval for rezoning is conditioned on the site being developed under the Township's mixed-use planned unit development (MUPUD) ordinance with limitations on the types of permitted uses and the residential density of the development. The property has remained vacant, despite multiple efforts to develop an economically feasible development.

### **Who is Newton Pointe, LLC?**

Newton Pointe, LLC is a partnership managed by DTN Management Company (DTN). DTN, a Michigan Corporation, is a recognized leader in the real estate industry throughout the Mid-Michigan Area and has been locally owned and operated for over 40 years. DTN's unwavering success can be credited to the companies' principals, Thomas Kuschinski, Nick Uppal, Colin Cronin and Raji Uppal. As dynamic corporate and community leaders, these individuals drive the company's focus on site development, residential housing and commercial management. DTN also provides full service real estate and property management services to its clients, as well as consultation services to real estate brokers, lenders, appraisers and insurers. DTN continues to engage in new developments, redevelopments and the general brokerage of investment real estate. Each of the companies principals are licensed Real Estate Brokers. DTN management Company is also registered as an Accredited Management Organization through the Institute of Real Estate Management.

Through various partnerships, DTN owns and/or manages properties with a value exceeding \$1,000,000,000. The portfolio consists of over 106 individual properties including more than 7,600 rental apartments and in excess of 600,000 square feet of commercial/office space. As an economic engine, DTN has spent more than \$45,000,000 yearly in the past several years for services provided by local contractors and providers of goods and services to support the properties' operations and capital improvements. DTN employs approximately 200 full-time employees, 225 part-time employees and approximately an additional 400 seasonal employees throughout the year.

DTN's commitment to the Meridian Township area is very significant. As local investors, developers and owner/operators, DTN principals and staff have great relationships and are very involved with local municipalities and township & city staff, police and fire departments, Michigan State, LCC and Cooley Law School and are involved in numerous community boards, commissions and charities.

DTN has a very strong presence in Meridian Township, including Hamptons, Waterbury Place and multiple other residential and commercial properties. Newton Park will represent another outstanding development to add to this list.

## Relationship to the Meridian Township Master Plan Goals and MUPUD Zoning Ordinance Purpose & Intent

DTN believes that Newton Park will support the goals of the Meridian Township Master Plan and the purpose and intent of the MUPUD Zoning Ordinance.

- Master Plan Goals

- 1) Preserve and strengthen residential neighborhoods  
*Newton Park adds 225 apartment homes to Meridian Township. It is intended to serve families, empty nesters, young professionals and pet owners. Newton Park is easily accessible and will be an upscale neighborhood accentuating a peaceful, idyllic, comfortable and maintenance-free living experience.*
- 2) Preserve open space and natural areas  
*Newton Park will have more than 9 acres of open space, including 5.5 acres of naturally preserved wetlands that are surrounded by and accessible to the residents.*
- 3) Enhance the viability of Township businesses  
*Newton Park will include over 6,000 square feet of commercial space plus an additional 3,700 square feet of flex offices & conference/meeting rooms.*
- 4) Maintain and expand a diverse park system  
*Newton Park will have five (5) pocket parks, a dog park and a walk path that circumvents the preserved wetland areas – all are accessible to the public. We also have an agreement with Consumers Energy to establish a walk path between Newton Park and Meridian Township’s Towner Road Park.*
- 5) Maintain essential public services  
*Newton Park has been planned with proper consideration for public roadways, fire department access, postal delivery, rubbish removal, pedestrian walks, storm water, sanitary sewer and water, signage and site lighting.*
- 6) Provide and support an efficient, safe, and environmentally sensitive multi-modal transportation network  
*Newton Park can be connected to the Township bike path system if it is brought to adjacent properties. Newton Park intends to request consideration for an adjacent or nearby CATA bus stop.*
- 7) Promote efficient and sustainable growth practices  
*DTN will insist the design process adopts these criteria. For example, the storm water management plan is developed with the intent of sustaining the wetlands currently on the site.*

- MUPUD Zoning Ordinance Purpose

- 1) The purpose of the mixed use planned unit development (mixed use PUD) section is to create more walkable pedestrian oriented developments by promoting and accommodating developments in rational mixed patterns that respect Meridian Township's transitional land use concept to protect, enhance and preserve natural resources.

***Newton Park is a walkable pedestrian oriented development. Please refer to the colored site plan to view the sidewalks, pocket parks and walk paths throughout the development.***

- 2) The second purpose is to encourage rehabilitation of existing structures to include those originally built or partially built before zoning ordinances were adopted, and in such a manner that will maintain traditional urban design to preserve and enhance community resources.

***Newton Park is being developed on a completely vacant parcel – there are no existing structures.***

- MUPUD Zoning Ordinance Intent

- 1) Meet Township goals through well planned, integrated, high quality mixed use in redevelopment projects:

- a) Enhance health and safety goals by requirements for walkability, pedestrian orientation and high quality, durable, building materials.

***As noted above, Newton Park meets this intent.***

- b) Increase Township prosperity goals and citizen welfare by appreciated property values which will support necessary public services.

***Newton Park will certainly appreciate the property value of previously vacant land.***

- c) Actualize our cultural heritage through citizen pride in creative, new places to walk to, shop at and work in that retain a flavor of Meridian Township's rich history.

***Newtown Park will have 6,000 square feet of commercial space plus an additional 3,700 square feet of flex offices & conference/meeting rooms.***

- d) Enhance diversity goals with new types of residential uses in close-knit community design.

***Newtown Park will include traditional apartments, one & two story townhomes with garages and detached single-family homes with garages. This will provide housing options for families, empty nesters, young professionals and pet***

***owners. Newton Park will be an upscale neighborhood accentuating a peaceful, idyllic, comfortable and maintenance-free living experience.***

- e) Improve our natural environment goal by mixed-use redevelopment with incentives for more intensely landscaped buffers and open spaces designed to complement Township parks and green space plans.

***In addition to wetland areas, pocket parks, walk paths and a public park connector, Newton Park will provide extensive landscape buffers along the south boundary and the north boundary. It will also include headlight screening at strategic locations. All this is documented in the drawings included in this submittal package.***

- 2) Improve the potential for financially attractive and high quality mixed-use projects in the Township while meeting Township goals of a safe, healthy and sustainable community.

- a) Enhance incentives for investment by the ability to mix residential with commercial and office uses within the same development.

***The development of Newton Park provides an investment opportunity for Newton Pointe, LLC and financial opportunities for the local contracting community and providers of goods and services.***

- b) Allow flexibility in setback and parking requirements.

***Newton Park will provide a safe, healthy sustainable community incorporating flexibility in building setback and parking requirements.***

- c) Encourage redevelopment by allowing increases in density in exchange for providing specified community amenities.

***Newton Park is in accordance with the density allowed in the approved MUPUD rezoning.***

- d) Achieve attractive and commercially successful core areas through cooperative development projects with one or more landowners.

***DTN has an established record of developing attractive, commercially successful projects in Meridian Township and Newton Park will continue that tradition.***

- e) Encourage mitigation to lessen potential hazards associated with the location of a mixed use PUD such as when adjacent to a railroad.

***Newton Park will enhance the environment of both our residents and nature and potential hazards will be mitigated for both.***

### Newton Park Amenities

- 1) Every mixed use PUD shall incorporate one or more amenities.  
***Newton Park incorporates one or more amenities. See Amenities List below.***
  
- 2) Every request for a density bonus shall incorporate one or more amenities in addition to those required by subsection (e)(1)a.  
***A density bonus is not requested for Newton Park.***
  
- 3) Waivers from zoning ordinance standards may be granted by the Township Board in exchange for amenities.  
***Newton Park is requesting the Township Board to grant waivers from the ordinance standards for variances listed below.***
  
- 4) Amenities shall not be combined or counted more than once or counted toward any other requirement of the ordinance.  
***This is acknowledged.***
  
- 5) When multiple amenities are proposed, multiple criteria categories should be represented.  
***Multiple criteria categories are represented. See Amenities List below.***
  
- 6) Amenities shall be visible and/or accessible to the public from a fully improved street, and/or a benefit to the general public.  
***Newton Park amenities are visible and/or accessible to the public from a fully improved street and/or a benefit to the general public.***

### Newton Park Amenities List

- 1) Conservation:
  - a) Energy efficient HVAC equipment
  - b) LED interior & exterior lighting
  - c) Electric car charging stations
  
- 2) Environment:
  - a) Significantly increased pervious surfaces.
  - b) Green space exceeding the underlying permeable surface regulation.
  - c) Utilizing wetlands in storm water management plan.
  - d) Trees installed at a 20% higher density or one inch caliper larger than required by the Code of Ordinances.

3) Accessibility:

- a) Foot and bicycle pathways and sidewalks that *can be* connected with the Township's pedestrian/bicycle pathway system and routes identified in the Township's green space plan via a public right-of-way or public access easement.
- b) Public Pocket Parks with Outdoor gathering facilities, outdoor seating plazas adjacent to or visible and accessible from the street – 5 each
- c) Dog Park
- d) Community Garden Plots
- e) Community wide Public Walk Path
- f) Recreation Fields
- g) Township Park Connector

4) Site and building design:

- a) Underground utilities.
- b) Combination of first floor awnings and upper floor balconies adjacent to a public street.
- c) Porches on multiple structures.
- d) Ornamental paving treatments for sidewalks and/or parking areas such as, but not limited to, concrete masonry unit pavers, brick, stone or pervious concrete or asphalt.
- e) Innovative lighting.
- f) Sidewalk planters located in the vicinity of sidewalks and/or outdoor seating areas.
- g) Public access to new technology including wireless access points, electronic information displays.
- h) Consolidation of multiple land parcels into one to facilitate an integrated design.
- i) Fountain.

**Newton Park Waivers Requests List**

DTN is seeking to depart from the requirements or standards of the underlying zoning district for the following waivers –

***Front yard setback (Saginaw Highway):*** A 100 foot front yard setback from the centerline along Saginaw Highway is required. At its closet point, the proposed mixed-use building is located 79.7 feet from the centerline of Saginaw Highway. A waiver of 20.3 feet is requested for the front yard building setback.

***Front yard setback (Newton Road):*** The required setback is 25 feet from the Newton Road street right-of-way line. At its closest point, the proposed mixed-use building is located 6 feet from the street right-of-way. A waiver of 19 feet is requested for the front yard building setback.

**Setback from residential zoning district (south):** In the C-2 zoning district, no structure is permitted within 100 feet of any residential zoning district boundary line. As proposed, Building B16, B17, B18 & B19 (single family homes) are located 30 feet from the RAA (Single Family) property to the south, therefore a waiver of 70 feet is requested for the setback from the residential zoning district boundary.

**Setback from residential zoning district (east):** Buildings C5, C6, and C7 (10-unit apartment buildings) are located 20 feet from the RR (Rural Residential) property to the east, therefore a waiver of 80 feet is requested for the setback from the residential zoning district boundary.

**Parking:** 617 parking spaces are required for the project based on the number of residential units, commercial space in the mixed-use building, and the allowed reduction granted for bicycle parking. 388 parking spaces are proposed by the applicant. A waiver of 225 parking spaces is requested.

**Parking lot setback (adjacent to residential zoning district):** Where a parking area with a capacity of 50 or more vehicles, or its associated internal access or service drives, adjoins a residential district a landscaped buffer at least 40 feet wide must be provided between the parking area and the adjoining property line. At its closest point, the parking lot on the west side of the property is located 18 feet from the RAA zoning district line. A waiver of 22 feet is requested for the parking lot setback from a residential zoning district.

**Parking lot setback (adjacent to residential zoning district):** Where a parking area adjoins a public street a landscaped buffer at least 20 feet wide must be provided between the parking area and the adjacent right-of-way. At its closest point, the parking area on the south side of the mixed-use building is located 19.93 feet from the Newton Road right-of-way. A waiver of 0.07 feet is requested for the parking lot setback from a public street.

**Wall signs:** The submitted building elevations show two, seven square foot wall signs located on the front elevation (street side) of the mixed-use building and two, seven square foot wall signs on the rear elevation (parking lot side) of the mixed-use building. As proposed, the two wall signs on the rear building elevation would not be permitted without a waiver, as each business is permitted one wall sign.

**Freestanding signs:** The submitted plans show three 68.3 square foot (8' 4" tall) monument signs proposed on the property, one on the south side of the driveway at Newton Road, and two along Saginaw Highway. Freestanding signs are generally not permitted in a MUPUD. Exceptions for freestanding signs of the monument type may be permitted when a building is located a minimum of 15 feet from the right-of-way (ROW) line with the resulting yard set aside for permanent public open space. The mixed-use building is set back approximately 6 feet from the Newton Road ROW and approximately 79.7 feet from the Saginaw Highway ROW. A waiver is required for the installation of the three freestanding signs.

**Wetland setback:** All structures and grading activities are required to be located at least 20 feet (Wetland B) or 40 feet (Wetland A) from the delineated boundary of a wetland. As indicated on the list of waivers submitted by the applicant, walking paths would extend into the wetland setback at numerous locations around both Wetlands A and B. A waiver is requested for the encroachment of the walking paths into the wetlands setback.

**RESOLUTION TO RECOMMEND DENIAL**

**Mixed Use Planned Unit Development #18044  
(Newton Pointe, LLC)**

At a regular meeting of the Planning Commission of the Charter Township of Meridian, Ingham County, Michigan, held at the Meridian Municipal Building, in said Township on the 17th day of December, 2018, at 7:00 p.m., Local Time.

PRESENT: Commissioners Ianni, Scott-Craig, Cordill, Lane, Premoe, Richards, Shrewsbury, Stivers, Trezise

ABSENT: None

The following resolution was offered by Commissioner Shrewsbury and supported by Commissioner Scott-Craig.

WHEREAS, Newton Pointe, LLC has submitted a request to establish a mixed use planned unit development (MUPUD) identified as Newton Park on 23.95 acres located at 6276 Newton Road and a property recognized as Parcel I.D. #04-252-005; and

WHEREAS, the proposed mixed use planned unit development includes the construction of a new 86,468 square foot mixed use building with 85 multiple family dwelling units and 19,367 square feet of commercial space, 10, 10-unit multiple family buildings, six, four-unit single family attached buildings, nine single family dwellings, and a 4,778 square foot clubhouse; and

WHEREAS, 19,367 square feet of commercial space, 238,719 square feet of residential space, and a total of 218 dwelling units are proposed in the project; and

WHEREAS, the Planning Commission held a public hearing at its regular meeting on November 5, 2018, and has reviewed staff material forwarded under cover memorandums dated October 31, 2018 and November 20, 2018; and

WHEREAS, the Planning Commission discussed the proposed project at its meeting on November 26, 2018 and the prepared motion to recommend approval to the Township Board failed for lack of support; and

WHEREAS, the buildings in the mixed use planned unit development as currently proposed do not provide adequate setback from the adjacent road rights-of-way to the west and north or the future phases of the Sierra Ridge Estates single family subdivision to the south; and

WHEREAS, the proposed location of the Newton Road driveway, recycling and trash facilities, mail kiosk, clubhouse, and pool will produce noise, traffic, and odor will which adversely affect the future phases of the Sierra Ridge Estates single family subdivision to the south; and

WHEREAS, as designed the proposed project creates bottlenecks and traffic concerns at both the Newton Road and Saginaw Highway entrances to the property; and

WHEREAS, the requested waivers for building setbacks, parking lot setbacks, number of parking spaces, signage, and water feature setbacks are too numerous and significant in scale to meet the spirit and intent of the MUPUD ordinance.



Commissioner Trezise asked how many parking spaces would be on the site and Gary Laundroche replied a total of 373.

Commissioner Premoe asked the applicant about storm water and how they planned to address the issue.

Commissioner Cordill stated her concerns regarding future traffic flow and turning lanes in this busy area. She also asked about the dealership hours of operation and how many employees the dealership would be hiring when in full operation.

Commissioner Stivers expressed her appreciation to the applicant for listening to residents and addressing their concerns at a recent meeting.

Principal Planner Menser noted the Commissioners need to express special conditions (such as buffers and tree preservation) if they are to be added to the Special Use Permit.

Commissioner Trezise stated he would like to see the greenspace buffer off Grand River retaining a 40 foot minimum in the Greenspace Plan.

A straw poll conducted by Chair Ianni indicated the Planning Commission would like to add Special User Permit #18081 for action at the November 26, 2018 meeting.

Chair Ianni closed the public hearing at 8:36 P.M.

The Planning Commission took a ten minute recess.

- 
- B. Mixed Use Planned Unit Development #18044 (Newton Pointe LLC), establish Newton Park mixed use planned unit development (MUPUD) project consisting of 19,367 square feet of commercial space and 218 residential units at 6276 Newton Road.
  - C. Special Use Permit #18091 (Newton Pointe LLC), construct group of buildings greater than 25,000 square feet in size (approximately 264,684 total square feet) at 6276 Newton Road.

Chair Ianni opened the public hearing at 8:45 P.M.

Principal Planner Menser stated they were going to combine 6.B and 6.C agenda items and outlined the projects from Newton Pointe LLC for discussion. He also mentioned the rezoning from 2006 greatly influences the design of the site relating the uses and types.

Applicant presenters, Raji Uppal and Chuck Holman with DTN Management Company reviewed the plans for the site and were available for questions.

Public Comments:

- A. John Garcia, 5603 Creekwood Lane, had a question regarding site access.
- B. Jerry Fedewa, 5570 Okemos Road, questioned the residential setbacks for the Sierra Ridge Development which backs up to the proposed development of Newton Pointe LLC. He is in favor of Newton Pointe LLC but would like to see a 100 foot buffer between the residential and commercial property.

Planning Commission Discussion:

Commissioner Scott-Craig suggested the developers work with MDOT for further evaluation of traffic flow in this area. The traffic studies for the demographics involved in the area raise many concerns. Commissioner Scott-Craig also expressed concerns (safety and noise) for the proposed building C-7 being too close to M-78/Saginaw Highway and would prefer to see it removed and replacing it with green space. He also added that by reducing the amount of ten-unit apartment buildings from ten to nine perhaps that would allow for more flexibility in building plans.

A straw poll conducted by Chair Ianni indicated the Planning Commission would like to have a resolution to approve the Mixed Use Planned Unit Development #18044 and Special Use Permit #18091 at the next meeting.

Chair Ianni closed the public hearing at 9:36 P.M.

**7. Unfinished Business**

- A. Planned Unit Development #18014 (Haslett Road LLC), develop Copper Creek PUD consisting of 88 single family homes on 44 acres located on the north side of Haslett Road, east of Creekwood Lane.

Commissioner Lane moved to adopt the resolution recommending approval of Planned Unit Development #18014 as outlined in the resolution.

Supported by Commissioner Richards.

VOICE VOTE:

YEAS: Commissioners Lane, Richards, Premoe, Trezise, Scott-Craig and Chair Ianni

NAYS: Commissioners Stivers and Cordill

MOTION CARRIED: 6-2

**8. Other Business- None**

**9. Township Board, Planning Commission Officer, Committee Chair, and staff comments or Reports**

Commissioner Scott-Craig noted a Redevelopment Ready Certification Ceremony being held on Friday, November 16, 2018 at 3 P.M. at the Okemos Elevations Community Room on Jolly Oak Road.

Commissioner Stivers attended the Downtown Development Authority meeting this morning and had an ongoing discussion on the tax capture plan. The Planning Commission is being asked to review the downtown area when reviewing the section for the Master Plan because there are a couple parcels that are listed as residential and should be changed to commercial so the map is accurate.

Commissioner Scott-Craig reminded the commissioners and applicant that the Zoning Board of Appeals has a set of eight conditions any variance must meet and they are difficult to approve. This proposed project has five variances.

The applicant, Jerry Fedewa, responded to the public comments made earlier by agreeing to build a six-foot privacy fence in the rear between the proposed project and the homes. He also noted the lights on the decks would be 60 watt LED.

Chair Ianni shared concern with the number of variances and the size of the buildings.

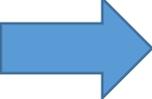
Commissioner Trezise expressed concern for the second floor decks overlooking the homes to the rear of the buildings and stated this was not appropriate for the plan.

A straw poll conducted by Chair Ianni indicated the Planning Commission would not be in favor of supporting Special Use Permit #18111 as proposed.

Chair Ianni closed the public hearing at 8:45 P.M.

The Planning Commission took a five minute recess.

## 7. Unfinished Business

- 
- A. Mixed Use Planned Unit Development #18044 (Newton Pointe LLC), establish Newton Park mixed use planned unit development (MUPUD) project consisting of 19,367 square feet of commercial space and 218 residential units at 6276 Newton Road.
  - B. Special Use Permit #18091 (Newton Pointe LLC), construct group of buildings greater than 25,000 square feet in size (approximately 264,684 total square feet) at 6276 Newton Road .

Principal Planner Menser reviewed the updated list of waivers.

The applicant, Chuck Holman, with DTN Management Company provided a review of changes.

Planning Commission Discussion:

Commissioner Scott-Craig commented that some steps were taken to resolve concerns with the proposed project but there is too much in a small space. The apartment building is still too close to Saginaw Highway. The proposed site for the trash compactor is too close to a neighboring property and there is concern with noise, smells and lights. The mail distribution center is located at the main entrance to the development. C1 and C8 buildings pose safety hazards with residents trying to back out of their garages into development traffic and many tight turns. The clubhouse is also too close to the Sierra subdivision.

Commissioner Trezise stated there has not been a setback that has been met in the revised proposal.

Commissioner Richards mentioned it would be nice to see a positive connection between the proposed development and the residents of the Sierra subdivision by possibly allowing them access to the clubhouse amenities.

Commissioner Cordill agreed there are too many units and would encourage the project be scaled

back and also agreed the mixed use building is too close to Newton Road.

Commissioner Premoe made a motion to approve MUPUD #18044.

Motion failed for lack of support.

No other Planning Commissioner made a motion to approve Mixed Use Planned Unit Development #18044 and Special Use Permit #18091.

## **8. Other Business**

- A. Commission Review #18133 (Meridian Township), Section 61 Review for land preservation purchase located north of Biber Street, east of Towar Avenue (Tax ID #06-226-001).

Principal Planner Menser provided an overview of the property.

Park Naturalist Kelsey Dillon provided an overview of the proposed land preservation project. The area includes 40 acres of heavily wooded property, rare Pileated Woodpeckers and is bordered on two sides by the Tower Woods Preserve.

Commissioner Premoe asked if there have been negotiations yet with the property owner and was told nothing has happened yet. It was also mentioned that 95% of the property is in wetlands.

Commissioner Scott-Craig commented he was not able to walk the property because he couldn't access it but the pictures provided were viewed. He agreed this is valuable property to preserve.

Commissioner Richards noted he was not supportive of the proposal.

Commissioner Premoe said he doesn't think the Township should spend money to purchase land that is not developable.

Commissioner Cordill asked if the property is developable. She also suggested targeting areas that are under development pressure and using funds for the best impact.

Commissioner Shrewsbury supported the opportunity to preserve the land forever.

Chair Ianni commented the property is currently private but could be valuable to the Township for walking trails if acquired for preservation.

Commissioner Scott-Craig commented the property to the east is a 55 acre sod farm. He asked Ms. Dillon what percentage of land is currently a part of the land preservation project started in 2000. The Township currently has 17% of greenspace acquired and a total of 990 acres.

Commissioner Stivers said the land has value to the Township and the additional access of the Tower Woods Preserve adjoining is also a value.

Commissioner Promoe stated if the land is so valuable then it wouldn't be sold to Meridian Township.

Motion by Commissioner Stivers to approve Commission Review #18133.

Motion by Commissioner Premoe to approve Rezoning #18150.  
Supported by Vice-Chair Scott-Craig.

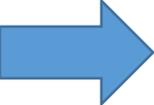
ROLL CALL VOTE:

YEAS: Commissioners Premoe, Scott-Craig, Shrewsbury, Trezise, Cordill, Richards, Stivers, Lane and Ianni.

NAYS: None.

MOTION CARRIED: 9-0

## 8. Other Business

- 
- A. Mixed Use Planned Unit Development #18044 and Special Use Permit #18091 (Newton Pointe LLC) – Resolutions to recommend denial.

Principal Planner Menser reviewed the proposals and noted the motions to approve the MUPUD and SUP failed due to the lack of support at the Planning Commission meeting on December 10, 2018. Principal Planner Menser stated it was important to document the concerns expressed previously for the public record. The information would also assist the Township Board during future meetings with the applicant when they submit revisions for the Mixed Use Planned Unit Development #18044 and Special Use Permit #18091.

Motion by Commissioner Shrewsbury to approve the resolution to deny the MUPUD.  
Supported by Vice-Chair Scott-Craig.

VOICE VOTE:

YEAS: Commissioners Scott-Craig, Shrewsbury, Premoe, Trezise, Cordill, Richards, Stivers, Lane and Ianni.

NAYS: None.

MOTION CARRIED: 9-0

- B. Resolution of Appreciation – Dante Ianni

Vice-Chair Scott-Craig made a motion to approve the Resolution of Appreciation for Dante Ianni.  
Supported by Commissioner Richards.

VOICE VOTE: Motion approved unanimously.

- C. Resolution of Appreciation – Emily Stivers

Commissioner Cordill made a motion to approve the Resolution of Appreciation for Emily Stivers.  
Supported by Commissioner Trezise.

VOICE VOTE: Motion approved unanimously.

## Peter Menser

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**From:** Jerry Fedewa <gsfedewa@gmail.com>  
**Sent:** Friday, November 02, 2018 11:37 AM  
**To:** Peter Menser  
**Subject:** Newton Park

Hi Peter,

I'm concerned with the closeness of the condos (units 7-15) near the south property line, some appear to be about 25' from the south line and this is without decks or patios. The commercial clubhouse with the pool needs to be in the center of the project and not bordering Sierra Ridge. The extra parking on the south property line will have lights shining into bedroom windows at all times of the night. With all of the noise and light pollution, the rear yards of Sierra Ridge backing up to the north will have diminished value. Please have all Buildings in this area moved to the north a reasonable distance to provide some privacy for everybody living there.

Thanks,  
Jerry Fedewa

--

Jerry Fedewa  
Jerry Fedewa Homes Inc.  
Michigan Licensed and Green Certified Residential Builder  
5570 Okemos Rd., East Lansing, Mi. 48823  
517-339-0020 office  
517-719-6300 cell  
[gsfedewa@gmail.com](mailto:gsfedewa@gmail.com)



Catherine and Chris Cleveland  
6025 Marietta Way  
East Lansing, MI 48823

RE: MUPUD #18044

November 19, 2018

Mr. Peter Menser  
Meridian Township Principal Planner  
5151 Marsh Rd.  
Okemos, MI 48864

After watching the November 5, 2018 Planning Commission meeting and reviewing the packet associated with that meeting, we are writing to voice our concerns regarding the Newton Park Development (the Development) MUPUD proposal. We understand that this corner will be developed and, in many respects, we support the development of this property. However, we do have concerns regarding the many waivers that are being requested by the applicant. Please share this letter with all who will be making any decisions regarding this proposal.

Per our review, it appears the applicant is requesting at least 9 waivers on a 23 acre development, and some of these waivers are asking for large concessions. For example, two of the waivers in relation to residential set-backs are requesting an 80% concession as requested:

In the C-2 zoning district no structure is permitted within 100 feet of any residential zoning district boundary line. As proposed, Building B15 (a single family home) is located 20 feet from the RAA (Single Family) property to the south, therefore a waiver of 80 feet is requested for the setback from the residential zoning district boundary.

Buildings C4, C5, and C6 (10-unit apartment buildings) are located 20 feet from the RR (Rural Residential) property to the east, therefore a waiver of 80 feet is requested for the setback from the residential zoning district boundary.

At the November 5, Planning Commission meeting, it was discussed to meet somewhere in the middle on these concessions. This may be reasonable if it were only single-family residences bordering the Sierra Ridge Estates Phase IV. However, according to the plan this area also includes a clubhouse (4778 sq ft), pool, maintenance garage (1586 sq ft), as well as the communities recycling center, commercial dumpster, proposed trash compactor and parking areas planned in the standard setback required with C-2 zoning. The only internal access road to these areas is also located in the conventional setback. This waiver request does not provide any relief for future Sierra Ridge

neighbors on the west side who will border the Development's high traffic areas of recycling/trash, clubhouse, pool, and the roadway which create noise, odors, animals, and general unsightliness.

The parking lot setback waivers are requesting concessions of 75% – 92% concessions. This too is excessive. Even after the allowed parking reduction from bicycle parking, the applicant is requesting a 35% concession on parking spaces. This is not a location that is easily/safely accessible via bike. The amount of bike parking will not truly reduce the amount of vehicle parking that will be needed, which inflates that 35% waiver.

Another concern we have is not in the proposed plan, however was mentioned by a commissioner at the November 5, meeting. He indicated it may be a good idea to connect the Development and Sierra Ridge Estates via a road. We are strongly opposed to any road connection between the two developments. This would cause increased traffic and decreased safety for the homeowners of Sierra Ridge Estates.

The concept of this project seems like a good idea for this location. However, after reviewing the amount of requested waivers and the capacity of those waivers, the project as proposed just does not fit on this property. I have only touched on a few of the waivers that would adversely affect the Sierra Ridge Estates Development, which is currently in Phase III of four phases.

Please strongly consider these concerns while making your decision regarding the Newton Park Development proposal. Thank you for your time and considerations.

Sincerely,

Catherine and Chris Cleveland  
6025 Marietta Way

## Peter Menser

---

**From:** Rose Family <rose1628@att.net>  
**Sent:** Friday, November 23, 2018 6:57 PM  
**To:** Peter Menser  
**Subject:** MUPUD #18044 and Special Use Permit #18901

Mr. Menser,

We are writing to you in opposition to the current plan for the MUPUD at 6276 Newton Road. We urge the Planning Commission not to rush to a decision regarding a project of this magnitude that deviates so dramatically from the requirements of the underlying zoning district and has major implications to the surrounding residentially zoned properties.

It was surprising to hear at the Planning Commission Meeting on 11/5/18 the extent of this project. We live within walking distance of this development and had not heard about this project prior to the meeting. The Meridian Township MUPUD ordinance states the importance of community involvement in projects that deviate so drastically from the underlying zoning district requirements. That was not done in this case and this project will have a significant impact on the Sierra Ridge neighborhood (RAA zoning) directly to the south.

The applicant is requesting a setback waiver for all four sides of this property (The setbacks are reduced by 98% along Newton Road, 25% along Saginaw Highway, 80% along the eastern border with property zoned RR, and 70% reduction along the southern border with property zoned RAA). Due to the wetland area present on this property the applicant is planning to build primarily along the periphery. An excessively large number of the dwelling units planned in this development (15/26 or 58%) are located within the underlying zoning district setbacks. The magnitude of the applicants requested "waivers" is shocking. The idea that the the proposed amenities (pocket parks, dog park, vegetable garden, and picnic areas) warrant this large a concession by the township is unrealistic.

The northern edge of Sierra Ridge borders Newton Park. The applicant's response to concerns regarding its proximity to a residential neighborhood was to move one single family residence an additional 9.49' from the property line. This does nothing to alleviate the impact of the clubhouse (4778 sq. ft. located 44.01' from property line), pool, maintenance garage (1586 sq. ft.), recycling center, commercial dumpster, and proposed compactor as well as the only road within the development (located 10' from the property line) to access these areas. All of these services provided for the residents of Newton Park are located within the underlying zoning district setback. The applicant's solution of a single line of trees within a 10' border will not buffer the impact of this large development on the property values, character, aesthetics, safety, and welfare of the adjacent residentially zoned neighborhood.

This MUPUD contains buildings totaling 264,684 sq. ft. of which 19,367 sq. ft. is commercial space (7.3% commercial space). The planned unit development (PUD) ordinance states that a minimum of 50% of the project area, excluding wetlands and floodplains, shall be provided as open space. The proposed plan for Newton Park shows that 64.31% of the site is impervious area (not allowing fluid to pass) and only 35.68% is pervious and these calculations include the wetland area. Does the addition of 19,367 sq.ft. of commercial space negate the townships desire for open space? The health of the wetland area on this property with such a dramatic reduction in pervious area surrounding it is also a concern.

The applicant is also asking for waivers with regards to parking space setbacks to residential zoned properties, parking space setback to Newton Road R.O.W., as well as a reduction to the total number of parking spaces available on the site. Newton Park contains 213 dwelling units but is requesting a waiver so that only 410 parking spaces will be provided. The proposed amenities will have limited benefits for Meridian Township residents if there is no place to park since this site is not readily accessible to pedestrians or bicyclists.

We ask that you consider the precedent set by allowing such extreme waivers to underlying zoning district requirements. At the last meeting it was stated that the MUPUD ordinance waives standard requirements for setbacks, total maximum impervious surface, and size of dwelling units as long as the intent of the ordinance is included in development plans and provides flexibility for the Planning Commission and Township Board to set appropriate standards. We assert that allowing the front of the building along Newton Road to be located 0.5 feet from the street right-of-way (a reduction of 24.5' from the required front

yard setback), reducing the parking lot setback (adjacent to residential zoning district) to 10' (a reduction of 30'), reducing the setback from residentially zoned properties to 29.49' and 20' on the southern and eastern boundaries of this property (from the 100' required) does not represent appropriate standards for Meridian Township.

Thank you for your time and consideration.

Sincerely,

Brenda and Philip Rose  
6106 Fresno Lane

## Peter Menser

---

**From:** mary kearney <marykearney4321@comcast.net>  
**Sent:** Sunday, November 25, 2018 8:20 PM  
**To:** Peter Menser  
**Subject:** Newton Park MUPUD

November 24, 2018

Peter Menser

Principal Planner

Meridian Township

RE: Newton Park MUPUD

Dear Mr. Menser:

We do not oppose the development of the land at the southeast corner of Saginaw and Newton Roads. We do, however, have the following concerns regarding Newton Park:

- Reduced setback for high traffic area (recycling center, trash compacter, maintenance garage, clubhouse, pool, etc.) will subject bordering Sierra Ridge neighbors to increased noise, odors, and possibly pests.
- Waiver for number of parking spaces, and proposal of an entrance into Sierra Ridge. This combination would likely result in overflow parking on Sierra Ridge streets, as well as congestion and traffic safety issues for our neighborhood children.
- We would hope that the Township Environmental Commission has been consulted regarding the possible impacts on the two wetlands on the property.
- The amenities proposed by the builder will benefit Newton Park residents, but not neighboring areas or the Township in general.

Sincerely,

Thomas F. Kearney  
Mary L. Kearney

2160 Fresno Lane

## Peter Menser

---

**From:** sean zielinski <zielinski.sean@gmail.com>  
**Sent:** Sunday, November 25, 2018 8:53 PM  
**To:** Peter Menser  
**Subject:** Planning Commission

Dear Planning Commission,

I am writing in regards to the proposed build at the corner of Newton Rd and Saginaw Highway - "Newton Park". There appear to be many new developments in our area- that is positive- however some developers seem to want to bend the rules in their favor.

Those of us that live in the area - especially those of us directly behind this proposed development in Sierra Ridge are heavily invested in this area. We purchased with the understanding that the city would hold the rules for zoning as they were established.

From my understanding the proposed build wants to reduce setbacks on all four sides of the property to pack in as many units as possible on the land. This goes against the quality established area that we have.

Parking waivers would result in people pouring over to park on streets and slowly becoming an eye sore and less desirable area to live.

And this is in exchange for amenities? What amenities are given to the surrounding neighbors in Meridian township? Nothing. The amenities that this proposal has are for their own residents. Those are items that should and would be included anyway in their own enclosed community.

Please consider the surrounding neighborhood when making a decision. We pay a great deal of tax to be here in this area and we are an asset to the community and would hate to see the north corner packed with as many units as the developer can get away with.

Thank you for taking the time to read this email.

Sincerely,

Sean Zielinski

## Peter Menser

---

**From:** Brian Azar <brian@quickpine.com>  
**Sent:** Sunday, November 25, 2018 11:18 PM  
**To:** Peter Menser  
**Subject:** Newton Park MUPUD

Dear Mr. Menser,

I am a resident of Sierra Ridge Estates living at 6040 Sleepy Hollow Ln, East Lansing, Mi 48823. I'm writing to express my concerns regarding several waivers being considered for this development:

1) I ask that the commission not grant the developers request for reduced setbacks on the side of the property adjacent to Sierra Ridge (south side.) The proximity of this development to our neighborhood will impact the residential character of the lots adjacent by increasing noise and traffic since it would be much closer. The setbacks exist for a very good reason and they will serve us and the developer well if we respect them. Has the commission considered that trash compacting equipment in the new development is shown directly next to Sierra Ridge lot 91? The reduced setbacks will create intractable problems which we'd be much better off dealing with now during the planning phase.

2) I understand that there was consideration given to the idea of connecting this development to the Sierra Ridge community via road access. Please don't do this. The parking waiver the developer is requesting combined with road access to our neighborhood will result in dozens of cars parking inside our neighborhood negatively affecting the level of noise and traffic in our neighborhood, and making it harder for our guests to find a place to park. Also, road access will create a situation where traffic from Lake Lansing road will attempt to cut through our neighborhood to reach the new development, creating a dangerous situation for the children and adults in our community who ride their bikes on the roads and cross the streets while walking. Traffic cutting through Sierra Ridge to get to Saginaw from Lake Lansing is already a concern, and it will get much worse if the new development is connected directly.

-Brian Azar

--

*Brian Azar*

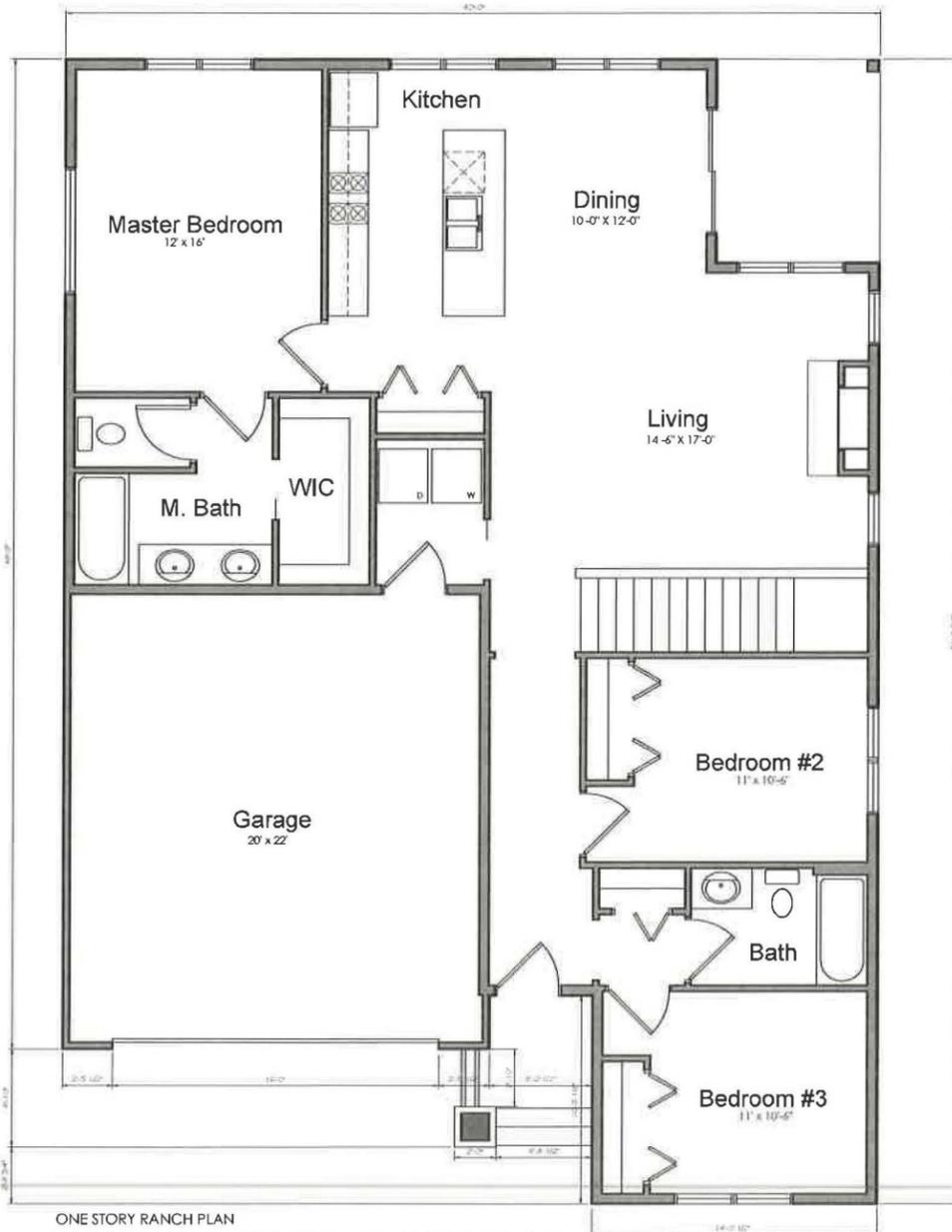
*Email: [brian@quickpine.com](mailto:brian@quickpine.com)*

# Newton Park

## Single Family Homes



4740 Marsh Road  
Okemos, Michigan 48864  
Phone: (517) 349-0902  
Cell: (586) 243-5945  
www.lpgarch.com

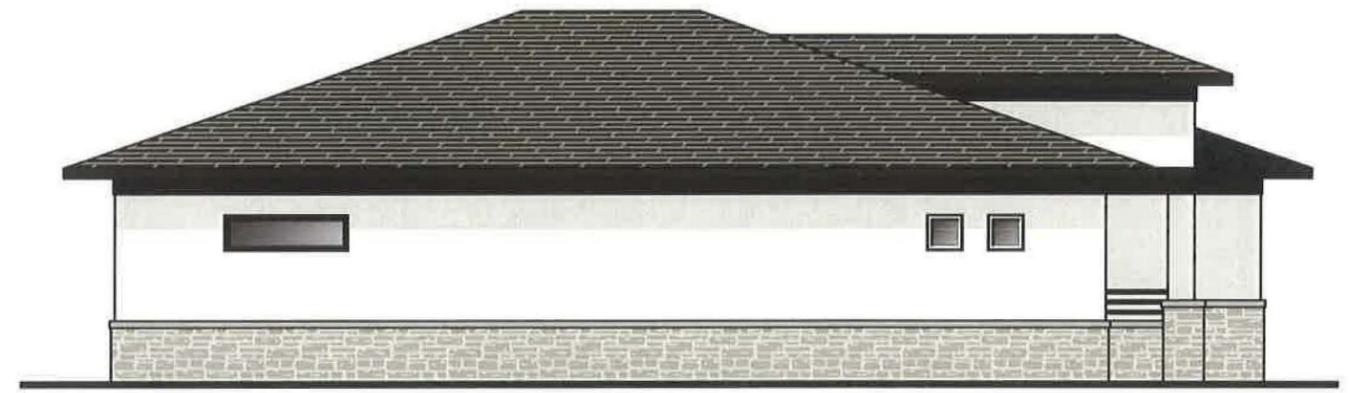


ONE STORY RANCH PLAN  
**THREE BEDROOM - FLOOR PLAN**

SCALE: 1/4" = 1'-0"  
1,422 NET SQ.FT. - EXCLUDES GARAGE  
1,963 GROSS SQ.FT. - INCLUDES GARAGE



FRONT ELEVATION



LEFT SIDE ELEVATION



REAR ELEVATION



RIGHT SIDE ELEVATION

# Newton Park

## Quadplex



RIGHT SIDE ELEVATION



FRONT ELEVATION

### QUADPLEX TOWNHOUSES

SCALE: 1/4" = 1'-0"

# Newton Park

## Quadplex



4740 Marsh Road  
Okemos, Michigan 48864  
Phone: (517) 349-0902  
Cell: (590) 243-5945  
www.tgarch.com



LEFT SIDE ELEVATION



REAR ELEVATION

### QUADPLEX TOWNHOUSES

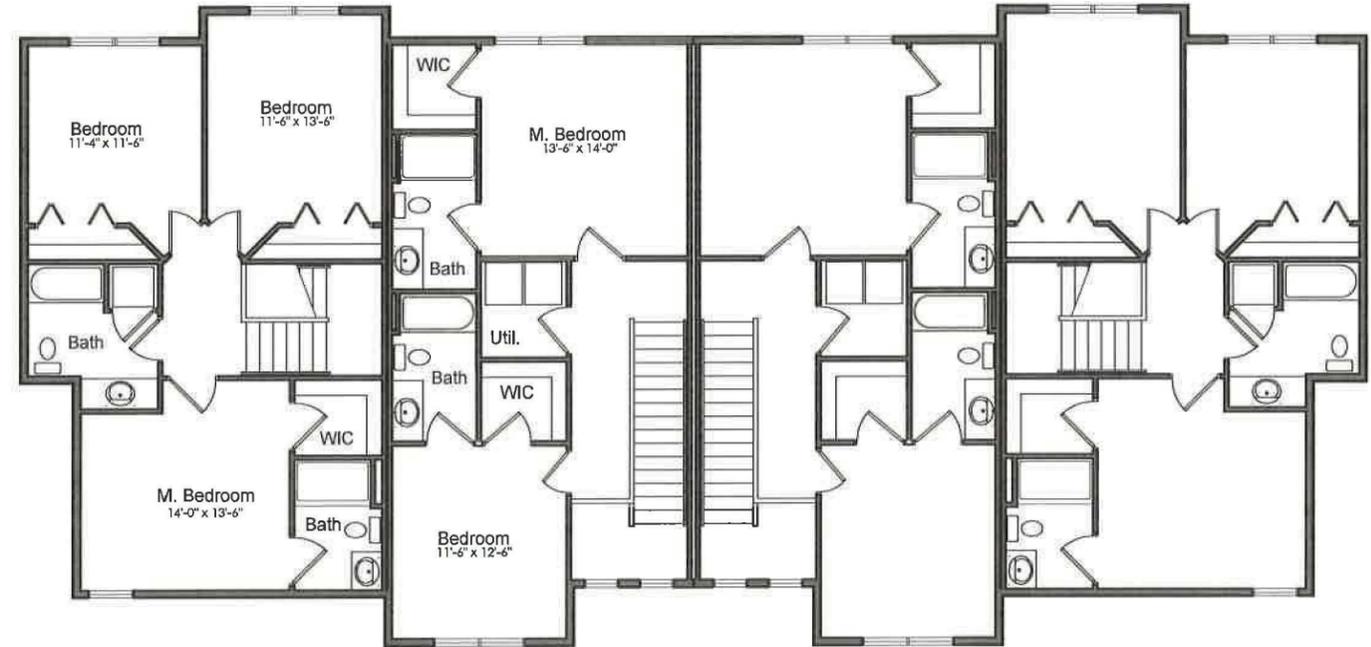
SCALE: 1/4" = 1'-0"

# Newton Park

## QUADPLEX

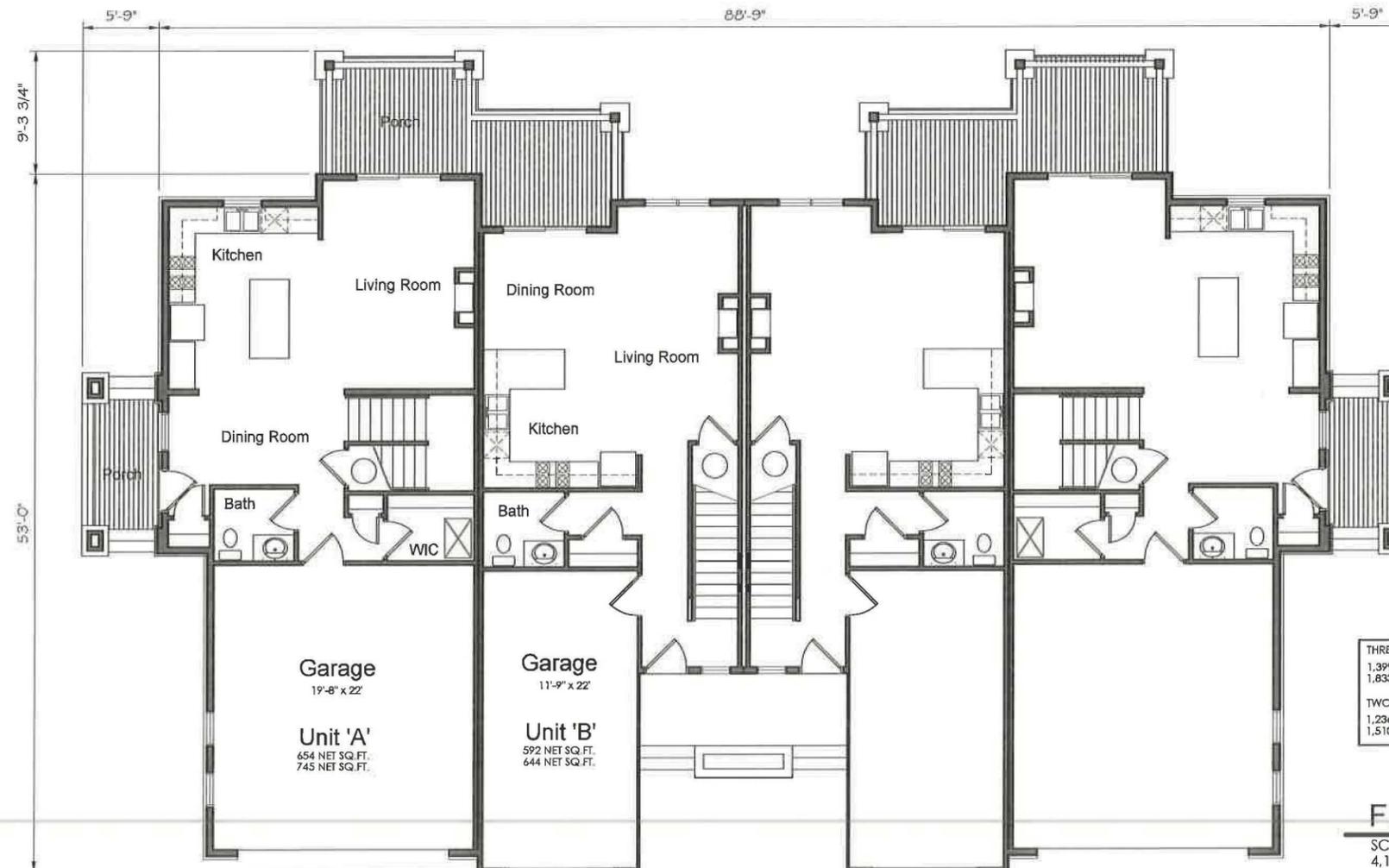


4743 Marsh Road  
Okemos, Michigan 48864  
Phone: (517) 949-0902  
Cell: (586) 243-5945  
www.lpgarch.com



**SECOND FLOOR PLAN - QUADPLEX**

SCALE: 1/8" = 1'-0"  
3,238 SQ. FT.



THREE BEDROOM UNIT  
1,399 NET SQ. FT. - LESS GARAGE  
1,833 NET SQ. FT. - WITH GARAGE

TWO BEDROOM UNIT  
1,236 NET SQ. FT. - LESS GARAGE  
1,510 NET SQ. FT. - WITH GARAGE

**FIRST FLOOR PLAN - QUADPLEX**

SCALE: 1/8" = 1'-0"  
4,104 GROSS SQUARE FEET

# Newton Park

## Ten Unit Buildings



4740 Marsh Road  
Okemos, Michigan 48864  
Phone: (517) 349-0902  
Cell: (561) 243-9945  
www.tpgarch.com



LEFT SIDE ELEVATION



FRONT ELEVATION

### BUILDING #1 TEN UNIT APARTMENT BUILDING - ELEVATIONS

SCALE: 3/16" = 1'-0"

# Newton Park

## Ten Unit Buildings



4740 Marsh Road  
Okemos, Michigan 48864  
Phone: (517) 349-0902  
Cell: (586) 243-5945  
www.lpgarch.com



RIGHT SIDE ELEVATION



REAR ELEVATION

### BUILDING #1 TEN UNIT APARTMENT BUILDING - ELEVATIONS

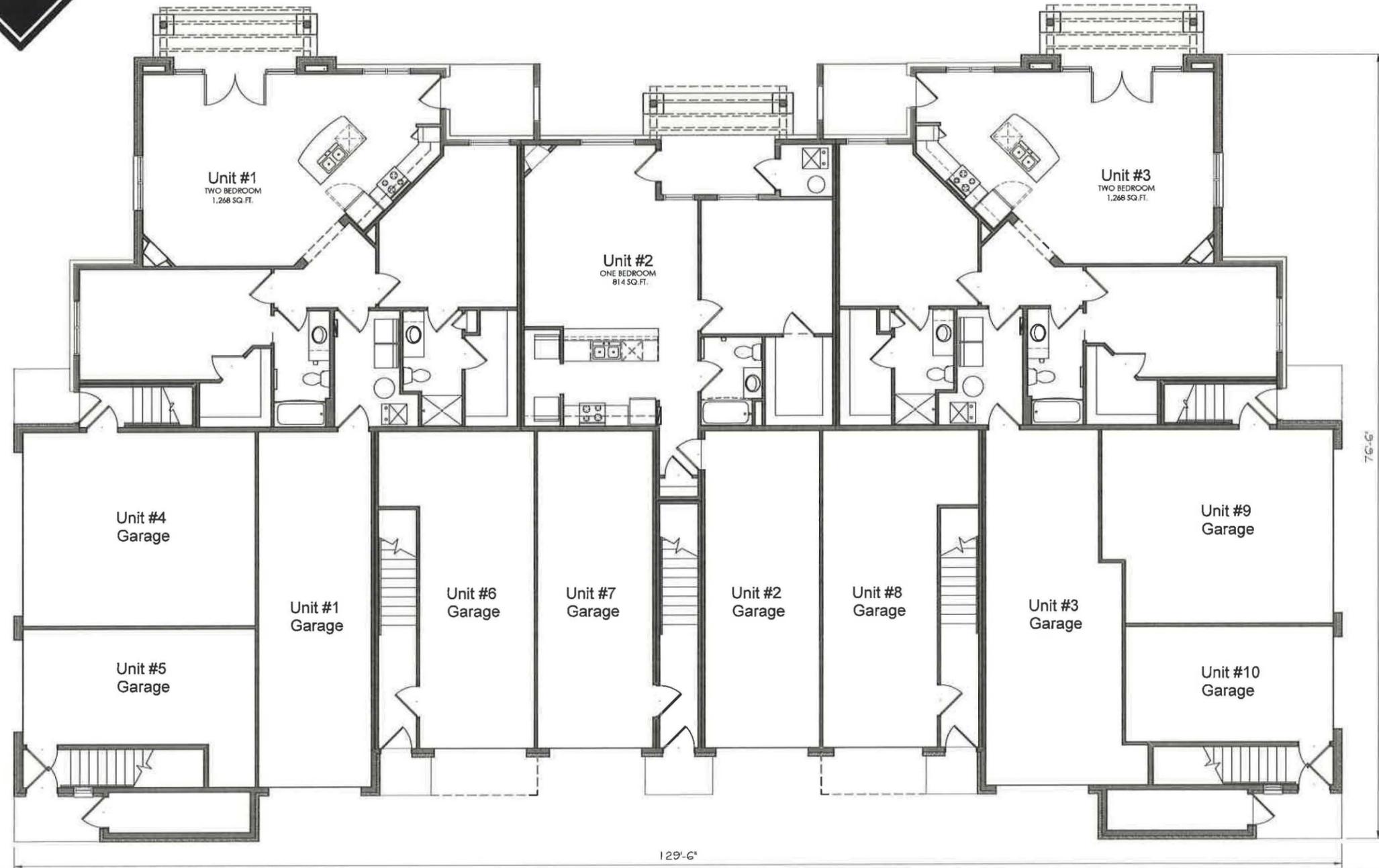
SCALE: 3/16" = 1'-0"

# Newton Park

Ten Unit Buildings



4740 Marsh Road  
Okemos, Michigan 48864  
Phone: (517) 349-0902  
Cell: (566) 243-5945  
www.lpgarch.com



BUILDING TYPE #1

## FIRST FLOOR PLAN - TEN UNIT BUILDING

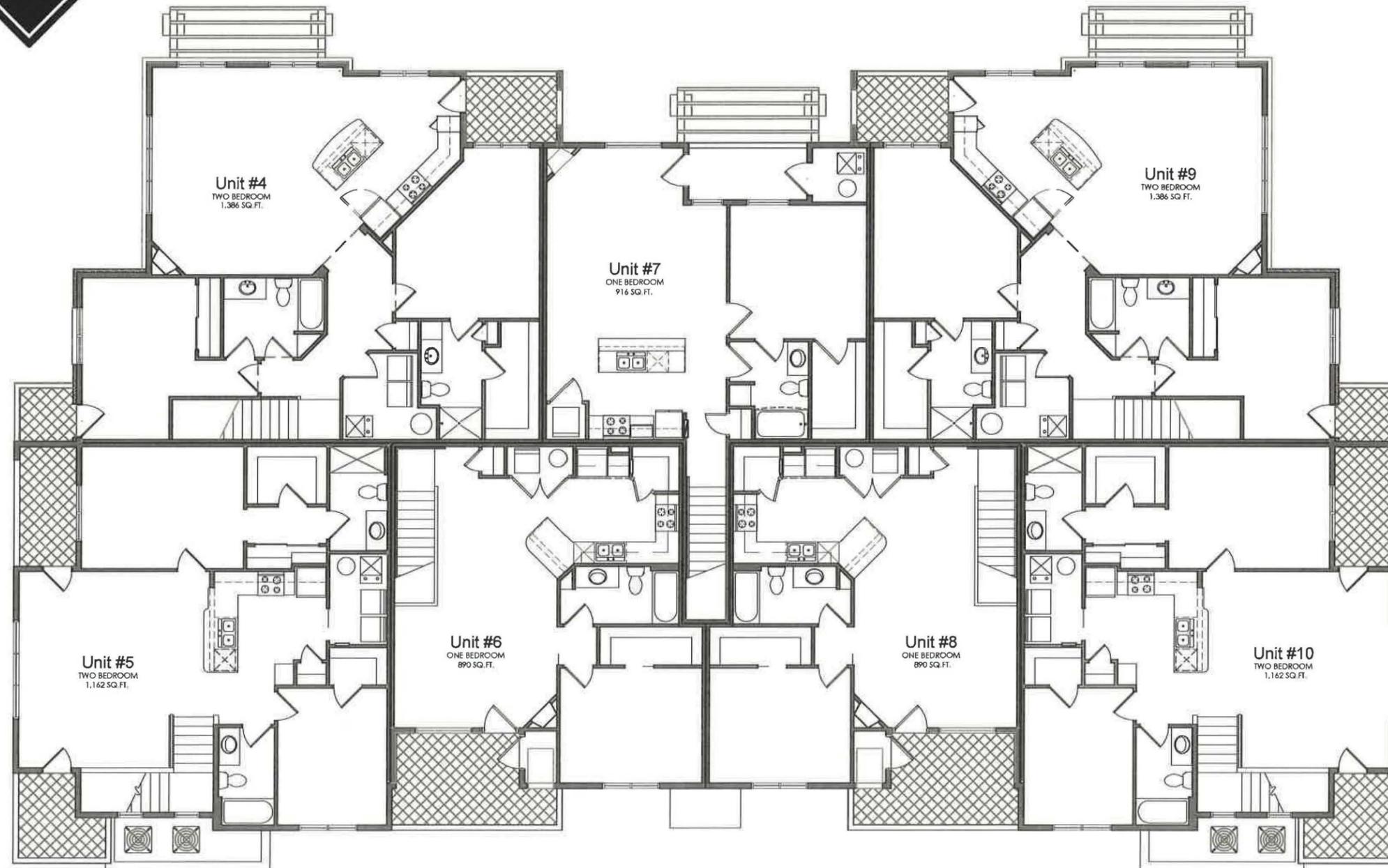
SCALE: 3/16" = 1'-0"  
8,163 GROSS SQ. FT.

# Newton Park

Ten Unit Buildings



4740 Marsh Road  
Okemos, Michigan 48864  
Phone: (517) 349-0902  
Cell: (586) 243-6945  
www.tpgarch.com



BUILDING TYPE #1  
**SECOND FLOOR PLAN - TEN UNIT BUILDING**

SCALE: 3/16" = 1'-0"  
7,753 GROSS SQ. FT.

# Newton Park

## Ten Unit Buildings



4740 Marsh Road  
Okemos, Michigan 48864  
Phone: (517) 343-0902  
Cell: (586) 243-5945  
www.tpgarch.com



RIGHT SIDE ELEVATION



FRONT ELEVATION

### BUILDING #2

### TEN UNIT APARTMENT BUILDING - ELEVATIONS

SCALE: 3/16" = 1'-0"

# Newton Park

## Ten Unit Buildings



4740 Marsh Road  
Okemos, Michigan 48864  
Phone: (517) 343-0902  
Cell: (586) 243-5945  
www.tpgarch.com



LEFT SIDE ELEVATION



REAR ELEVATION

### BUILDING #2 TEN UNIT APARTMENT BUILDING - ELEVATIONS

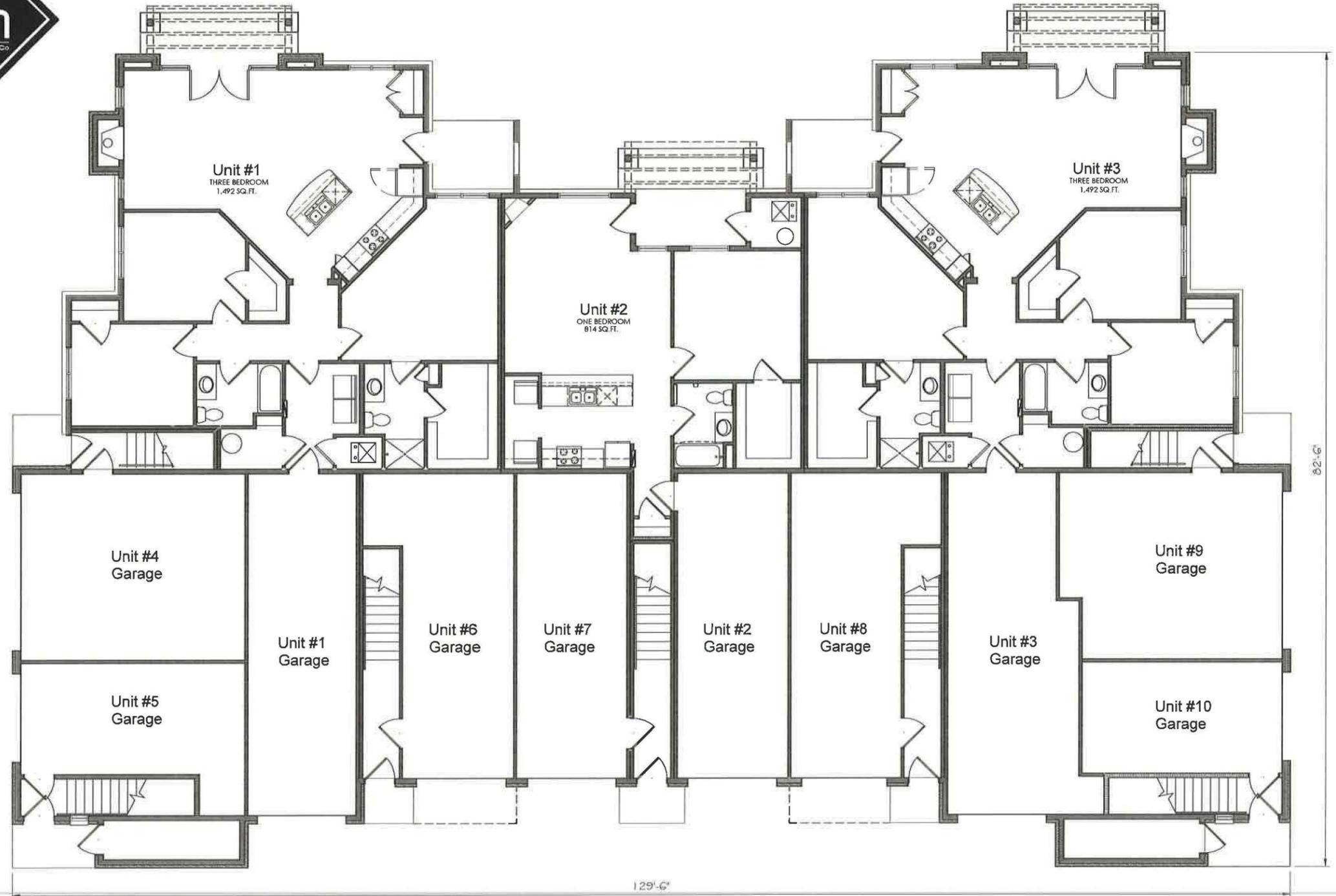
SCALE: 3/16" = 1'-0"

# Newton Park

Ten Unit Buildings



4740 Marsh Road  
Okemos, Michigan 48864  
Phone: (517) 348-0902  
Cell: (561) 243-5945  
www.tpgarch.com



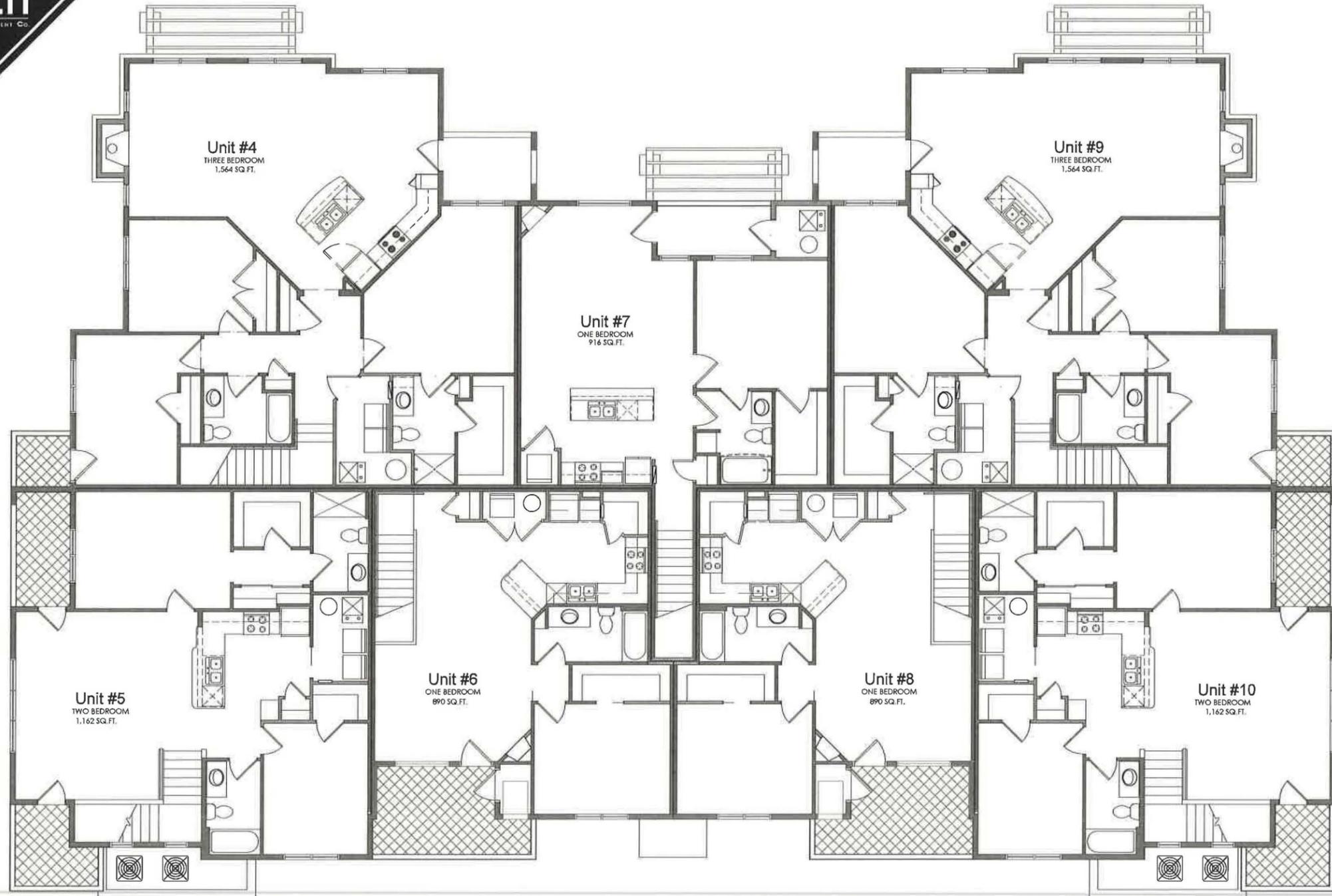
BUILDING TYPE #2  
**FIRST FLOOR PLAN - TEN UNIT BUILDING**  
SCALE: 3/16" = 1'-0"  
8,670 GROSS SQ.FT.

# Newton Park

Ten Unit Buildings



4740 Marsh Road  
Okemos, Michigan 48864  
Phone: (517) 349-0902  
Cell: (568) 243-6945  
www.tpgarch.com



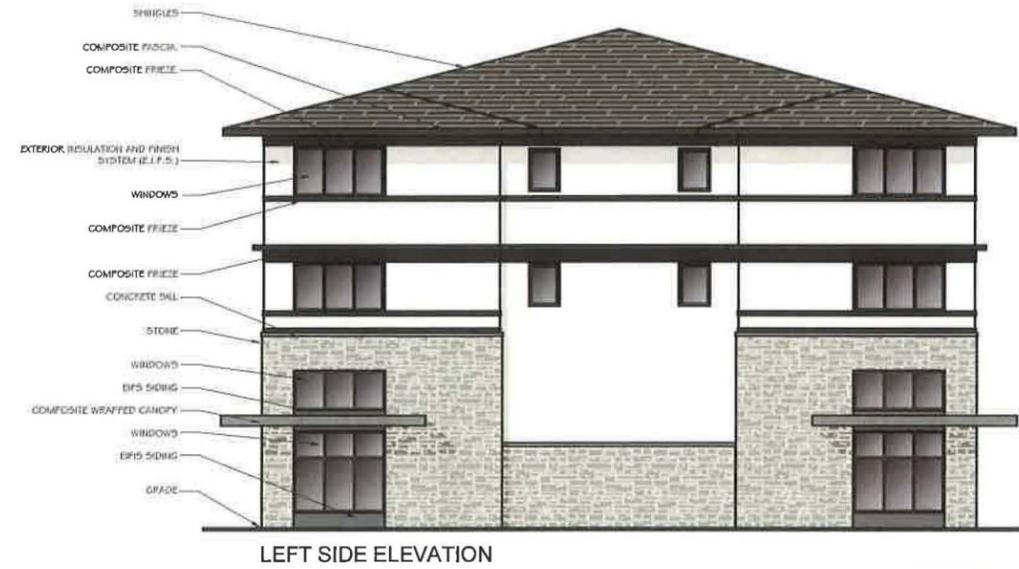
BUILDING TYPE #2  
**SECOND FLOOR PLAN - TEN UNIT BUILDING**  
SCALE: 3/16" = 1'-0"  
8,215 GROSS SQ. FT.

# Newton Park

## Mixed Use Building



4740 Marsh Road  
Okemos, Michigan 48864  
Phone: (517) 349-0902  
Cell: (586) 243-6945  
www.tpgarch.com



# Newton Park

## Mixed Use Building



4740 Marsh Road  
Okemos, Michigan 48864  
Phone: (517) 349-0902  
Cell: (566) 243-5045  
www.tpgarch.com

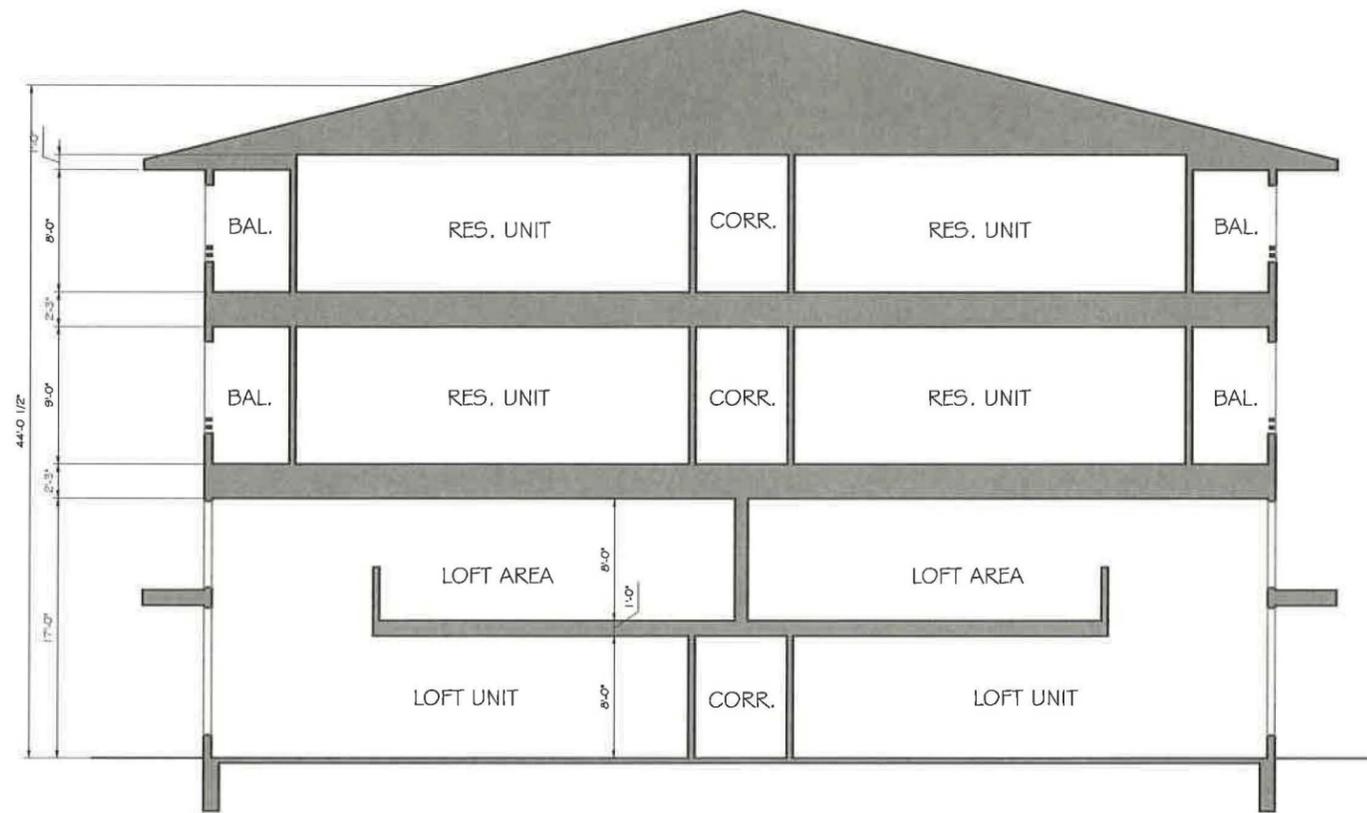


# Newton Park

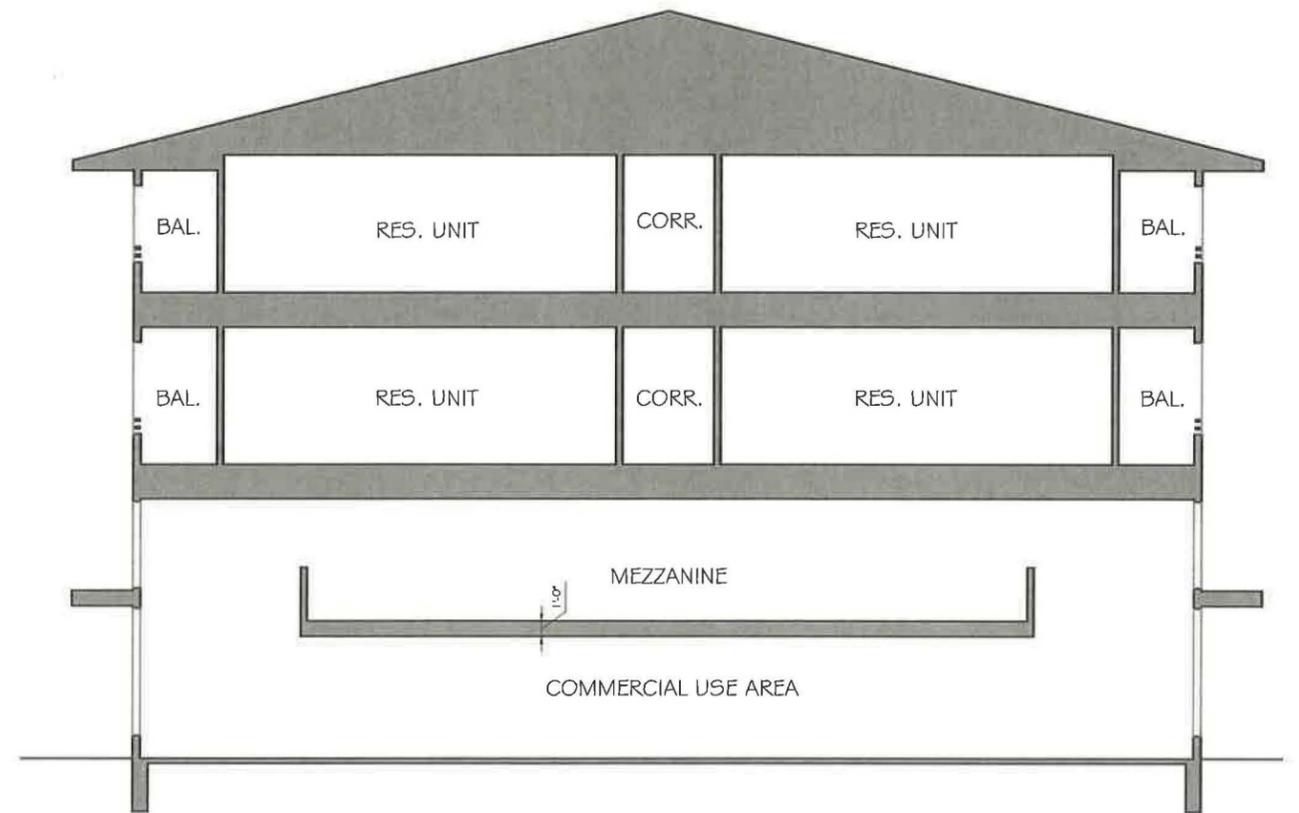
Mixed Use Building



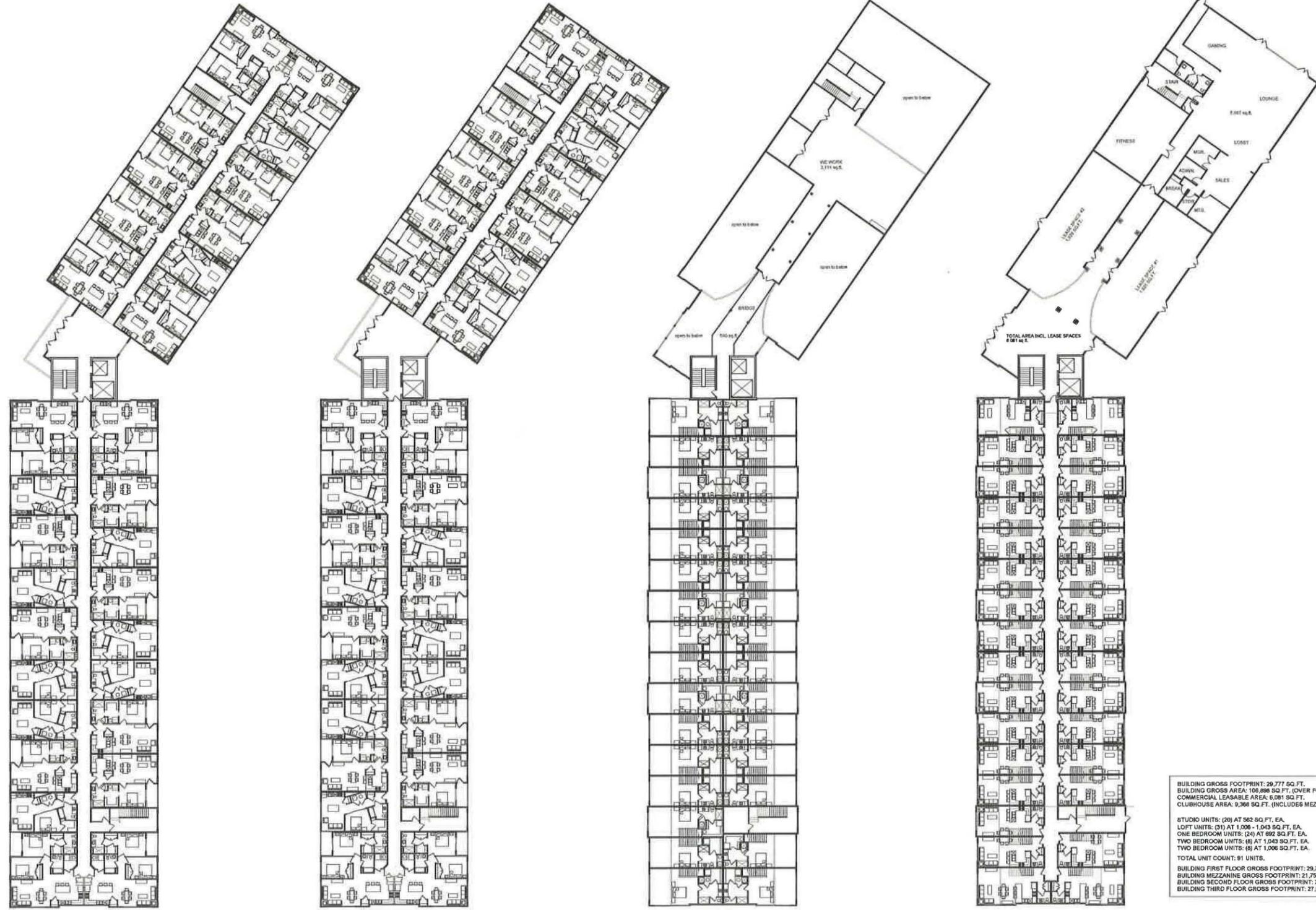
4740 Marsh Road  
 Okemos, Michigan 48864  
 Phone: (517) 349-0502  
 Cell: (686) 243-5945  
 www.pparch.com



**BUILDING CROSS SECTION AT RESIDENTIAL UNITS**  
 SCALE: 3/16" = 1'-0"



**BUILDING CROSS SECTION AT COMMERCIAL SPACE**  
 SCALE: 3/16" = 1'-0"



FOURTH FLOOR PLAN

THIRD FLOOR PLAN

SECOND FLOOR PLAN

FIRST FLOOR

BUILDING GROSS FOOTPRINT: 29,777 SQ. FT.  
 BUILDING GROSS AREA: 108,898 SQ. FT. (OVER FOUR FLOORS)  
 COMMERCIAL LEASABLE AREA: 6,081 SQ. FT.  
 CLUBHOUSE AREA: 9,368 SQ. FT. (INCLUDES MEZZANINE AND BRIDGE)  
  
 STUDIO UNITS: (20) AT 562 SQ. FT. EA.  
 LOFT UNITS: (31) AT 1,006 - 1,043 SQ. FT. EA.  
 ONE BEDROOM UNITS: (24) AT 892 SQ. FT. EA.  
 TWO BEDROOM UNITS: (8) AT 1,043 SQ. FT. EA.  
 TWO BEDROOM UNITS: (8) AT 1,006 SQ. FT. EA.  
 TOTAL UNIT COUNT: 91 UNITS.  
  
 BUILDING FIRST FLOOR GROSS FOOTPRINT: 29,777 SQ. FT.  
 BUILDING MEZZANINE GROSS FOOTPRINT: 21,759 SQ. FT.  
 BUILDING SECOND FLOOR GROSS FOOTPRINT: 27,881 SQ. FT.  
 BUILDING THIRD FLOOR GROSS FOOTPRINT: 27,881 SQ. FT.

# Newton Park

Mixed Use Building

# Newton Park

Mixed Use Building



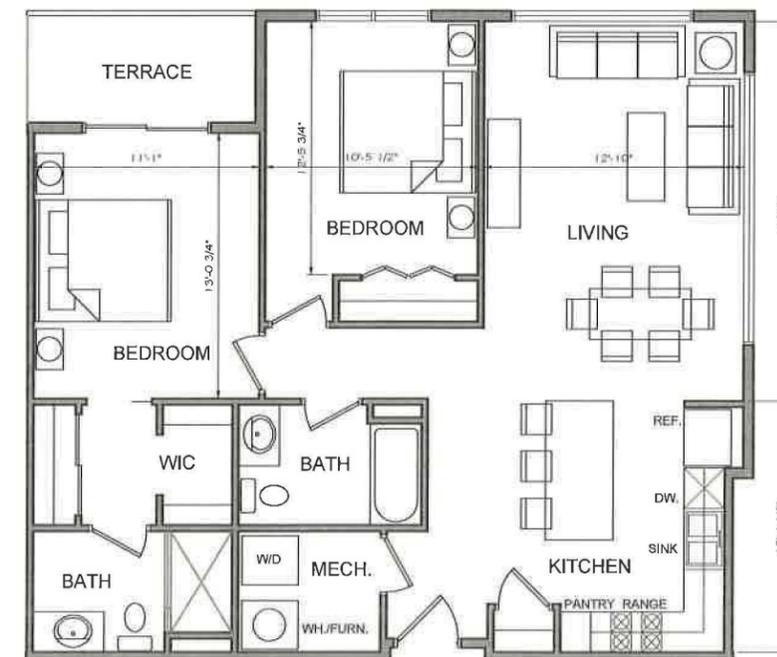
4740 Marsh Road  
Okemos, Michigan 48864  
Phone: (517) 349-0902  
Cell: (566) 243-5945  
www.pgarch.com



**TWO BEDROOM UNIT**

SCALE: 1/4" = 1'-0"

MIXED USE BUILDING - END CAP  
1,071 SQ.FT.



**TWO BEDROOM UNIT**

SCALE: 1/4" = 1'-0"

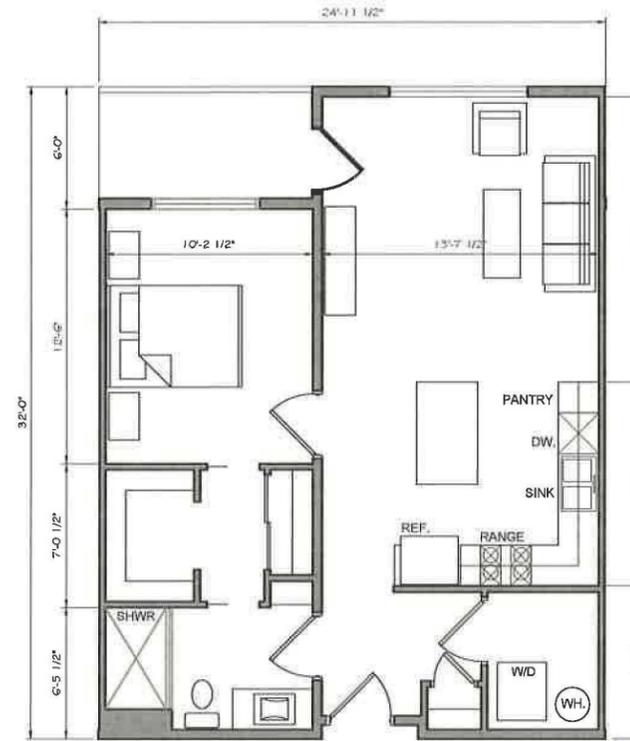
MIXED USE BUILDING - INTERIOR UNIT  
1,030 SQ.FT.

# Newton Park

## Mixed Use Building

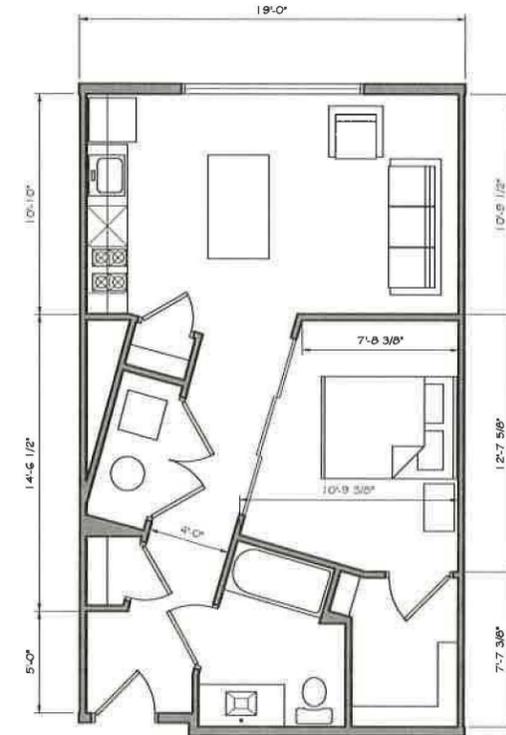


4740 Marsh Road  
Okemos, Michigan 48864  
Phone: (517) 349-0902  
Cell: (586) 243-6945  
www.tpgarch.com



**ONE BEDROOM UNIT**  
714 SQ.FT.

SCALE: 1/4" = 1'-0"



**STUDIO UNIT**  
590 SQ.FT.

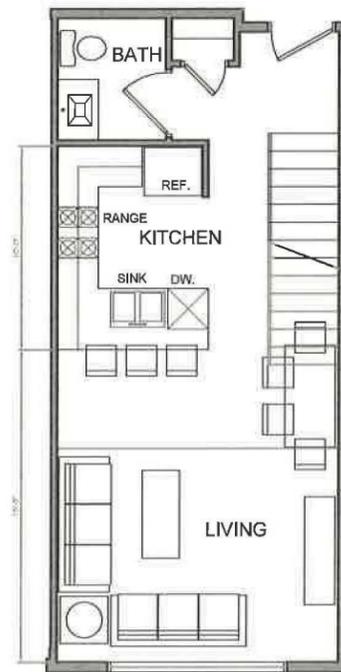
SCALE: 1/4" = 1'-0"



**SECOND FLOOR**  
360 SQ.FT.

**MIXED USE - LOFT UNIT 'A'**

SCALE: 1/4" = 1'-0"



**FIRST FLOOR**  
460 SQ.FT.



**SECOND FLOOR**  
445 SQ.FT.

**MIXED USE - LOFT UNIT 'B'**

SCALE: 1/4" = 1'-0"



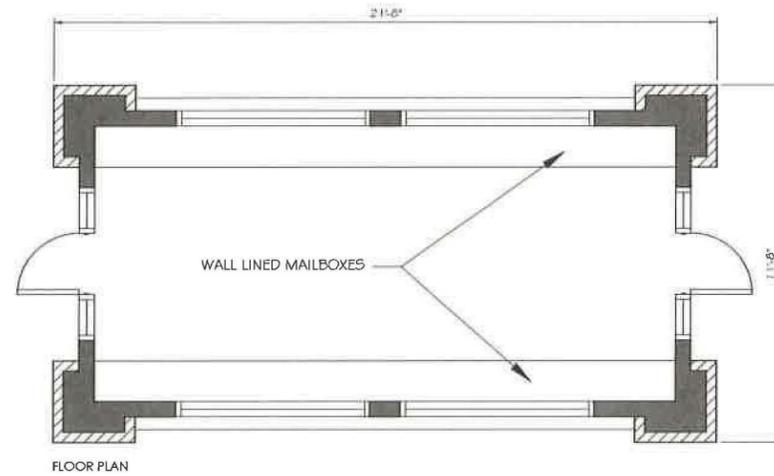
**FIRST FLOOR**  
600 SQ.FT.

# Newton Park

## Site Items

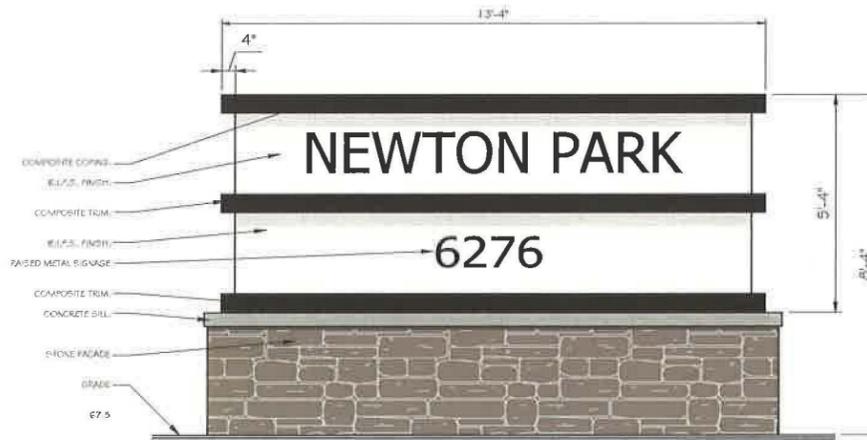


4740 Marsh Road  
Okemos, Michigan 48864  
Phone: (517) 349-0902  
Cell: (568) 243-5945  
www.lpgarch.com



**MAIL PAVILION - FLOOR PLAN**

SCALE: N.T.S.  
228 GROSS SQ. FT.



**PEDESTAL SIGNAGE**

SCALE: N.T.S.

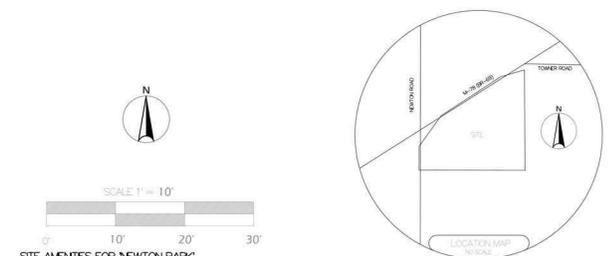


**MAIL PAVILION - ELEVATIONS**

SCALE: N.T.S.



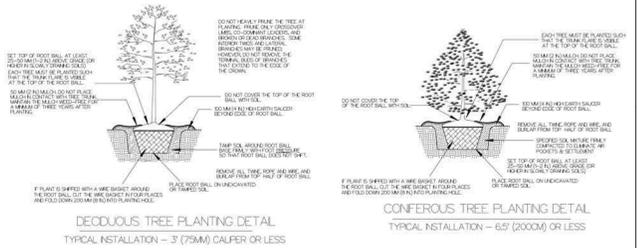
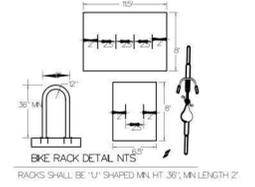




- SITE AMENITIES FOR NEWTON PARK**
- A POCKET PARK / SEATING PLAZA PUBLIC
  - B UNCOVERED BIKE RACKS TYP.
  - C CLUB-HOUSE
  - D DOG PARK
  - E WALKING PATHS
  - F RAISED GARDEN AREA
  - G DOG WASTE CANS / RELIEF AREA
  - H TRASH CAN RECEPTICAL
  - I WALK PATH CONNECTOR TO MERIDIAN TOWNSHIP PARK

- SITE TREES**
- 1 AUTUMN BLAZE MAPLE
  - 2 CLEVELAND SELECT PEAR
  - 3 SERBIAN SPRUCE
  - 4 HONEY LOCUST
  - 5 SARGENT CRAB
  - 6 ARBORVITAE

- SITE KEY**
- POCKET PARK / SEATING PLAZA PUBLIC
  - UNCOVERED BIKE RACKS TYP.
  - ▨ RAISED GARDEN AREA
  - ⊗ DOG WASTE CANS / RELIEF AREA
  - ⊗ TRASH CAN RECEPTICAL



<p><b>NEWTON PARK</b> DTN MANAGEMENT HASLETT, M</p>			
date:	1-25-19	revision:	7
drawn by:	M. BRESSERS R. LUKE	checked by:	M. BRESSERS R. LUKE
scale:	1"=10'	drawing #:	5



# NEWTON PARK UNIT MIX AND BUILDING AREAS

## AREA A - MIXED-USE - 91 UNITS

Building Type	# of Buildings	Floor	# of Units	NRSF	Total NRSF
<b>Building 1</b>	<b>1</b>				
	Studios		20	562	11,240
	1br/1ba		24	692	16,608
	Lofts (normal)	1br/1ba	31	1,025	31,775
	2bd/2ba		8	1,006	8,048
	2 Bd / 2 Ba (end cap)		8	1,043	8,344
<b>Totals/Ave</b>			<b>91</b>	<b>835</b>	<b>76,015</b>

## AREA C - BIG HOUSE 100 UNITS

Building Type	# of Buildings	Floor	# of Units	NRSF	Total NRSF
<b>Type 1*</b>	<b>5</b>				
	1br/1ba		5	814	4,070
	1br/1ba		10	890	8,900
	1br/1ba		5	916	4,580
	2br/2ba		10	1,162	11,620
	2br/2ba		10	1,268	12,680
	2br/2ba		10	1,386	13,860
<b>Total - Type I</b>			<b>50</b>	<b>1,114</b>	<b>55,710</b>
			<b>50</b>	<b>6,838</b>	<b>59,730</b>
<b>Mix Summary</b>					
	1br/1ba	40%	40		
	2br/2ba	40%	40		
	3br/2ba	20%	20		
<b>Totals/Ave for Type I &amp; Type II</b>			<b>100</b>	<b>1,154</b>	<b>115,440</b>

## AREA B - TOWN HOMES (20) AND SINGLE FAMILY (14)

Building Type	# of Buildings	Floor	# of Units	NRSF	Total NRSF
<b>Townhomes</b>	<b>5</b>				
	2br/2.5ba		10	1,236	12,360
	3br/2.5ba		10	1,399	13,990
<b>Totals</b>			<b>20</b>	<b>1,318</b>	<b>26,350</b>
<b>Detached Homes</b>	<b>14</b>				
	3br/2ba		14	1,422	19,908
<b>Totals</b>			<b>14</b>	<b>1,422</b>	<b>19,908</b>
<b>Totals/Ave</b>			<b>34</b>	<b>1,361</b>	<b>46,258</b>

<b>Grand Totals</b>			<b>225</b>	<b>1,057</b>	<b>237,713</b>
<b>Total - Building Gross Area (Including Garages, Pool Building, Maintenance Building &amp; Mail Kiosk)</b>					
					<b>333,533</b>



## 11.B/13.B

**To:** Township Board

**From:** Mark Kieselbach, Director of Community Planning and Development  
Peter Menser, Principal Planner

**Date:** March 11, 2019

**Re:** Wetland Use Permit #18-03 (Newton Pointe, LLC), discharge storm water to regulated wetlands to facilitate construction of mixed use project at the southeast corner of Saginaw Highway and Newton Road.

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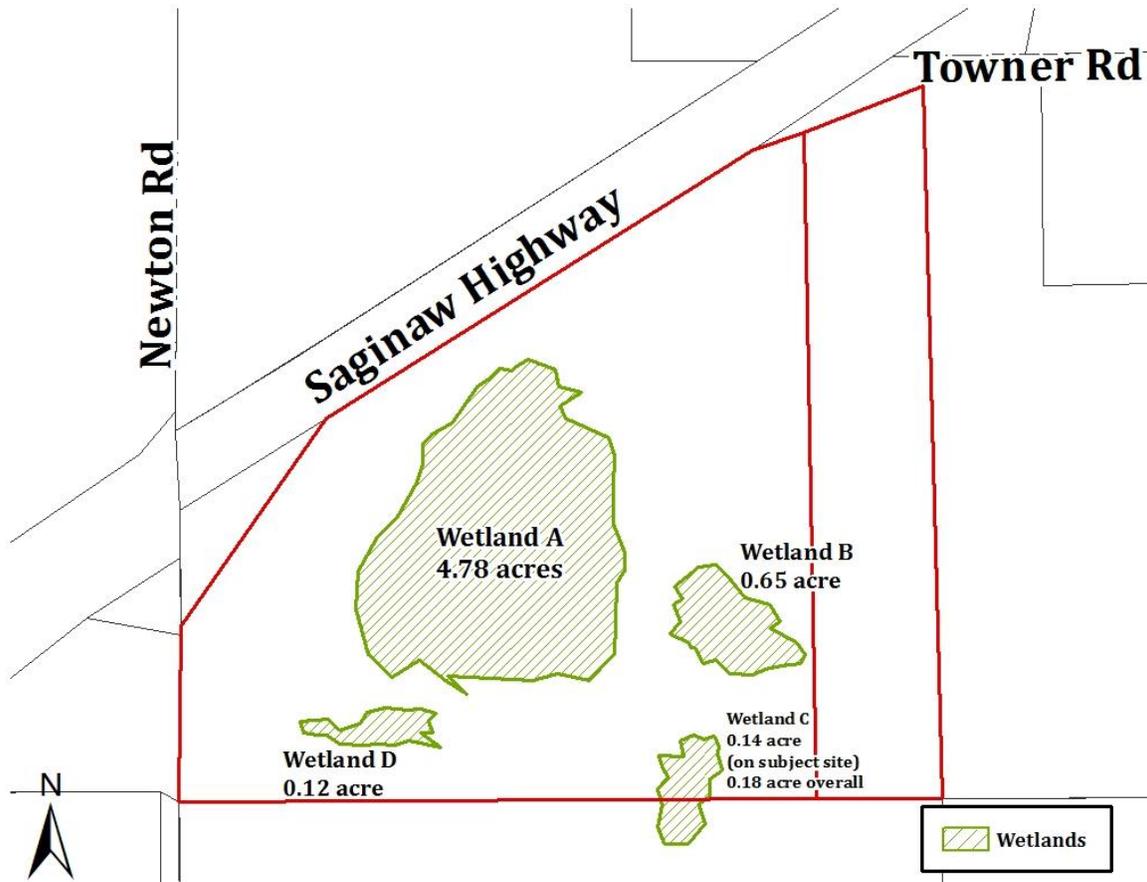
Newton Pointe, LLC has submitted a mixed use planned unit development (MUPUD) proposal for a project identified as Newton Park. The approximate 23.95 acre project site is located at the southeast corner of Saginaw Highway and Newton Road and consists of two parcels, a property addressed as 6276 Newton Road (17.97 acres) and a property recognized as Tax I.D. #04-252-005 (six acres). The site is zoned C-2 (Commercial). The project as proposed includes the construction of a new 106,898 square foot mixed use building comprised of 91 multiple family dwelling units, 6,081 square feet of commercial space, and 9,368 square feet of clubhouse space. The rest of the project consists of 10, 10-unit multiple family buildings, five, four-unit multiple family buildings, and fourteen single family dwellings. Overall, 225 total residential units are proposed on the property.

In addition to the MUPUD, a special permit (SUP) is required for constructing a group of buildings totaling more than 25,000 square feet in gross floor area. The wetland use permit and special use permit (SUP #18091) are being processed concurrently with the MUPUD (#18044) request. This staff report focuses on the wetland use permit to discharge storm water to Wetlands A and B on the property. The staff report for MUPUD #18044 should be referenced for a more complete overview of the project.

Four wetlands are located on the property. A wetland delineation was conducted by the applicant's wetland consultant in 2017 to determine the boundary, regulatory status, and size of the wetlands. The delineation was verified by the Township's wetland consultant in July of 2018. Wetland A on the submitted plans is 4.78 acres in size and regulated by the Township. Wetland B is 0.65 acres in size and, while under the 0.25 acre threshold for Township regulation, was deemed to be essential by the Township Board at its December 4, 2018 meeting and is therefore regulated. Wetlands C and D are 0.18 and 0.12 acres in size and are not subject to Township regulation as they fall below the 0.25 acre threshold.

The applicant proposes to discharge storm water from the development to Wetlands A and B, which requires approval of a wetland use permit. Wetland use permit applications submitted in conjunction with a related land development activity are decided by the same entity that decides the related land development activity. The Township Board will make the decision regarding the wetland use permit.

### Wetland Map



Section 86-471 of the Code of Ordinances requires all structures and grading activities be set back 20 feet (Wetland B) or 40 feet (Wetland A) from a delineated wetland boundary depending on the size of the wetland, and that a natural vegetation strip be maintained within 20 feet of the wetland boundary.

### Staff Analysis

There are eleven general criteria provided in the Wetland Protection Ordinance, Section 22-157(2) of the Code of Ordinances, that must be considered when deciding whether to grant a wetland use permit. These include (paraphrased):

- a. The relative extent of public and private need for the proposed activity.
- b. Availability of prudent and feasible alternatives.
- c. Extent and permanence of beneficial or detrimental effects from the activity.
- d. Probable impact of the proposal in relation to the cumulative effect by other activities in the watershed.

**Wetland Use Permit #18-03 (Newton Pointe, LLC)**  
**Township Board (March 19, 2019)**  
**Page 3**

- e. Probable impact on recognized historic, cultural, scenic, ecological, or recreational values, as well as on public health and safety or fish and wildlife.
- f. Economic value of the proposed land change.
- g. The size and quality of the wetland being considered.
- h. The findings of necessity for the proposed activity by other agencies.
- i. Amount of wetland remaining in the general area and proximity to a waterway.
- j. Proximity to any water body.
- k. Extent to which upland soil erosion adjacent to the wetland is controlled.

The Township's environmental consultant has reviewed the wetland use permit application and recommends issuance of Wetland Use Permit #18-03 with the following conditions:

1. The applicant must submit the final engineering design for storm water forebays, the storm pipe between Wetlands A and B, and the outlet structure to the Township for approval prior to Site development to ensure these features are engineered appropriately to ensure no harm to Site wetlands (i.e. maintenance of appropriate wetland hydrology and storm water management).
2. Due to increased runoff into the wetlands, as a result of the proposed impervious surfaces and increased drainage area to the wetlands, we recommend that the storm water outlet be sized for a discharge rate that will dewater the 100-year storm event within 24 hours, with the understanding that the acceptable discharge rate must meet Meridian Township engineering standards and not cause harmful interference to the downstream receiving waters.
3. Storm water forebays must be constructed outside the 40-foot wetland buffer to the greatest extent possible and must not extend into the wetlands.
4. A minimum 18-inch diameter wetland equalization storm pipe must be installed between Wetlands A and B, not a 12-inch diameter pipe. The pipe should be installed at an elevation of 870 feet.

The Environmental Commission discussed the wetland use permit at its January 9, 2019 meeting and passed a motion to recommend approval subject to the conditions proposed by the Township's wetland consultant.

**Township Board Options**

The Township Board may approve or deny the wetland use permit. If the Board amends the proposal, the request may be referred back to the Environmental Commission for a recommendation. A resolution will be provided at a future meeting.

**Wetland Use Permit #18-03 (Newton Pointe, LLC)**  
**Township Board (March 19, 2019)**  
**Page 4**

**Attachments**

1. Wetland Use Permit application dated October 8, 2018.
2. Wetland delineation report prepared by Voice Environmental Group, LLC dated February 22, 2018.
3. Application review letter prepared by Township wetland consultant dated October 24, 2018 (Revision date November 2, 2018).
4. Letter of Essentiality prepared by Township wetland consultant dated November 28, 2018.
5. Updated wetland report and supporting materials prepared by Voice Environmental Group, LLC dated December 12, 2018.
6. Final wetland report prepared by Township wetland consultant dated January 3, 2019.

G:\Community Planning & Development\Planning\WETLAND USE PERMIT (WUP)\2018\WUP 18-03 (Newton Pointe)\WUP 18-03.tb1.doc



## Joint Permit Application

For Work in Inland Lakes and Streams, Great Lakes, Wetlands, Floodplains, Dams,  
 High Risk Erosion Areas and Critical Dune Areas

[www.mi.gov/jointpermit](http://www.mi.gov/jointpermit)

<p><b>What is the purpose of the Joint Permit Application?</b></p>	<p>This Joint Permit Application was developed to facilitate the state and federal permit application process administered by the Michigan Department of Environmental Quality (DEQ) and the U.S. Army Corps of Engineers (USACE).</p> <p>The Joint Permit Application is a multi-purpose application used to describe and quantify proposed activities regulated by the DEQ and/or the USACE. This application is for those activities regulated by the following Parts of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended by the State of Michigan.</p> <ul style="list-style-type: none"> <li>• Part 301, Inland Lakes and Streams</li> <li>• Part 325, Great Lakes Submerged Lands</li> <li>• Part 303, Wetlands Protection</li> <li>• Floodplain Regulatory Authority found in Part 31, Water Resources Protection</li> <li>• Part 315, Dam Safety</li> <li>• Part 323, Shorelands Protection and Management (High Risk Erosion Areas)</li> <li>• Part 353, Sand Dunes Protection and Management (Critical Dune Areas)</li> </ul> <p>The regulated activities are summarized in Appendix D. The statutes and rules are available at <a href="http://www.mi.gov/jointpermit">www.mi.gov/jointpermit</a>.</p> <p>This application is also for those activities regulated by the USACE within the waters of the United States under Section 10, Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404, Clean Water Act of 1977 (33 U.S.C. 1344).</p> <p><u>Preapplication Meeting:</u> This is an optional service available for activities proposed in inland lakes and streams (Part 301), wetlands (Part 303), and critical dune areas (Part 353). A preapplication meeting can answer many questions regarding whether or not a permit is required and the review process. The application form and fee schedule are available at <a href="http://www.mi.gov/jointpermit">www.mi.gov/jointpermit</a>.</p>
<p><b>How do I complete the Joint Permit Application?</b></p> <p><i>An accurate and complete application package is required for processing; inaccurate or missing information will delay processing.</i></p>	<p><b>There are three parts to a complete Joint Permit Application package:</b></p> <ol style="list-style-type: none"> <li>1. Application Form</li> <li>2. Maps and Drawings</li> <li>3. Fee</li> </ol> <p>Follow the checklists on the following page for each part of the application package.</p> <p><b>When you have questions or need assistance in completing the application package refer to the following information on our website <a href="http://www.mi.gov/jointpermit">www.mi.gov/jointpermit</a> or you may contact the appropriate district office, page iii, or through the website link “Who to Contact.”</b></p> <ul style="list-style-type: none"> <li>• Joint Permit Application Training Manual</li> <li>• EZ Guides for small projects</li> <li>• Acronyms in Appendix A</li> <li>• Sample drawings in Appendix B</li> <li>• Minor Project and General Permit Categories in Appendix C</li> <li>• Fee schedule in Appendix C</li> <li>• State and Federal Authority and Penalties in Appendix D</li> <li>• Glossary in Appendix E</li> </ul>



## Application Checklist

The following website will provide township, range, section, latitude and longitude information:

[www.mcgi.state.mi.us/wetlands/](http://www.mcgi.state.mi.us/wetlands/)

In each section check all boxes that apply to your project.

Show and label property lines on the site plan.

Label existing and proposed contours, dimensions, excavation and/or fill on the site plans and cross sections.

Provide tables for multiple impact areas.

### 1. Application Form

- Complete Sections 1 through 9 of the application form.
- An authorization letter from the property owner if someone other than the property owner is signing the application.
- Complete those Sections 10 through 20 that apply to your project. Follow the instructions at the beginning of each section. For additional information, the instructions for each sample drawing in Appendix B indicate the application sections you will most likely need to complete. Complete the application form as much as possible before adding attachments. Label each attachment with the applicant's name.
- Stake or flag the area for site inspection including the property corners, proposed road or driveway centerlines, and areas of proposed impacts. The site must be flagged when the application is submitted.

### 2. Maps and Drawings

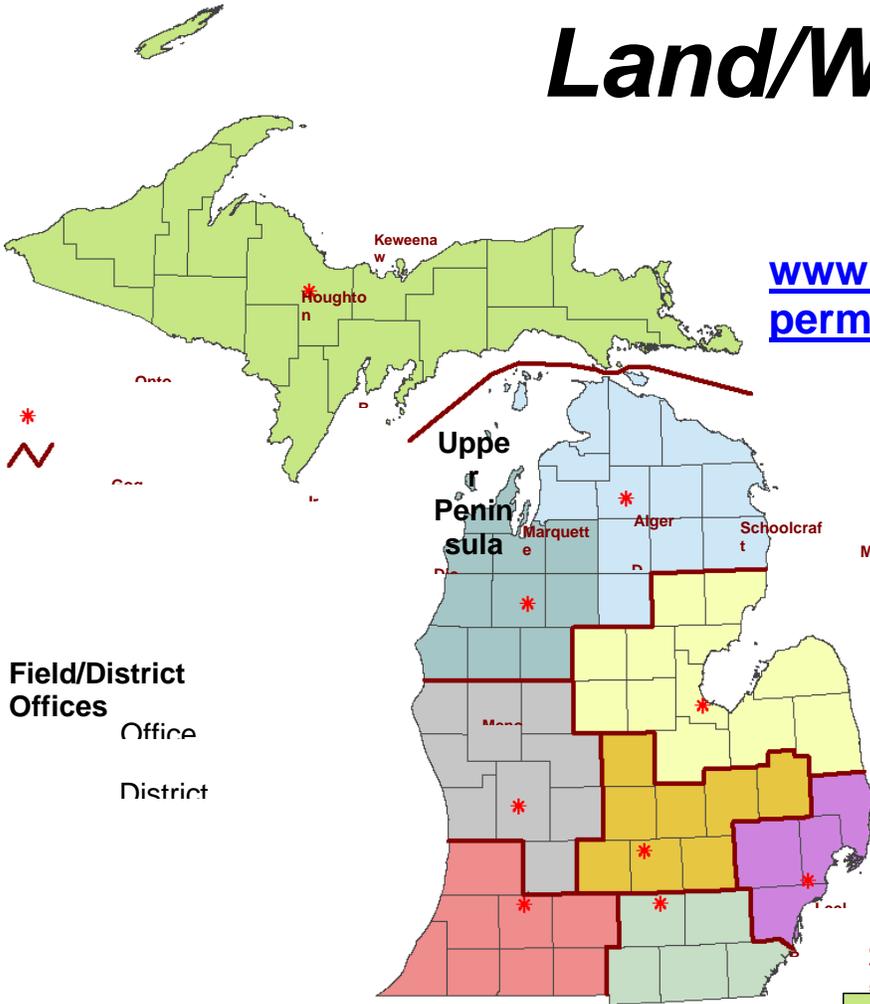
- All maps and drawings must be black and white, legible, reproducible, and sized to 8.5" x 11". Aerial photographs do not substitute for site plans. If larger drawings or blueprints are required to show adequate detail for review, you may also submit one full size copy.
- Vicinity Map: A map to the proposed project location that includes ALL streets, roads, intersections, highways, or cross-roads to the project. Do not assume review staff knows your project location.
- Project Site Plan: Overhead drawings to scale or with dimensions, length and width, of the proposed project are required. Show and label property lines on the site plan.
- Cross-section drawings are required. Provide the cross-sections and profile views to scale or with dimensions, length, width, and height.
- Elevation data must include a description of the reference point or benchmark used and its corresponding elevation. For projects on the Great Lakes or Section 10 Waters, elevations must be provided in IGLD 85. For observed Great Lake water elevations in IGLD, visit the USACE website under "water levels". If elevations are from still water, provide the observation date and water elevation. On inland sites, elevations can use NGVD 29, NAVD 88, a local datum or an assumed bench mark.
- Provide descriptive photographs of the proposed work site showing vegetation if wetlands are involved or the shoreline for shore protection projects. All photographs must be labeled with your name and the date of the photograph, indicate what they show, and be referenced to the site plan. Proposed activities or structure(s) may be indicated directly on the photographs using indelible markers or ink pens. Provide aerial photographs 1:400 or larger for major projects.

### 3. Fee

- Payment to the **State of Michigan**. Fees typically range from \$50 to \$4,000 depending on the type of project. Refer to Appendix C of the application and/or visit [www.mi.gov/jointpermit](http://www.mi.gov/jointpermit) to determine the appropriate fee for your project and for directions to pay by credit card or electronic fund transfer payment.
- Applications should be sent directly to the district offices. Please refer to page iii, or refer to [www.mi.gov/jointpermit](http://www.mi.gov/jointpermit) "who to contact" for address and/or phone number. Applications that cross county boundaries should be sent to the district containing the primary work effort.
- Applications for dams regulated under Part 315 or from public agencies eligible to receive federal and/or state transportation funding for a project involving public roadways, non-motorized paths, airports, or related facilities should be mailed to: DEQ, WRD, P.O. BOX 30458, LANSING, MI 48909-7958.



# Land/Water DEQ Water Resource



[www.mi.gov/jointpermit](http://www.mi.gov/jointpermit)

### Field/District Offices

Office

District

**Cadillac**



**Upper Peninsula:** 906-228-4853

1504 W. Washington St.,  
Marquette, MI 49855

**Gaylord:** 989-731-4920  
2100 West M-32, Gaylord



**Saginaw:** 989-960-49735

**Saginaw Bay:** 989-894-49601  
120 W. Chapin Bay, Cadillac



**Saginaw Bay:** 989-894-6200

401 Ketchum Street, Suite  
616-356-0500  
Bay City 48708



**Grand Rapids:** 616-356-517-284-6851  
5th Fl. 350 Ottawa Ave. NW,  
Grand Rapids 49503



**Lansing:** 517-284-6851  
P.O. Box 30242, Lansing,  
48909



**SE Michigan:** 586-753-3700  
27700 Donald Court, Warren  
48092



**Kalamazoo:** 269-567-3500  
7953 Adobe Road,  
Kalamazoo 49009



**Jackson:** 517-780-7690  
301 E. Louis Glick Hwy,  
Jackson 49201



# APPENDICES

**Appendix A:** Acronyms and Abbreviations ..... A-1

**Appendix B:** Sample Drawings

1. General Instructions for all Drawings and Sample Site Location Maps ..... B-1
2. Inland Lake Shore Protection ..... B-2
3. Bulkhead/Seawall ..... B-2
4. Pond Construction ..... B-3
5. Floodplain Fill..... B-3
6. Wetland Boardwalk..... B-4
7. Dredging ..... B-4
8. Driveway Across Wetland..... B-5
9. Residential Wetland Fill and Boardwalk Construction ..... B-5
10. Docks - Piers - Mooring Piles ..... B-6
11. Beach Sanding ..... B-6
12. Pipe/Utility Crossings in a Trench..... B-7
13. Pipe/Utility Crossings using Directional Bore..... B-7
14. Bridge or Culvert (4 drawings)..... B-8
15. Dam Construction ..... B-12
16. Water Intake ..... B-12
17. Great Lakes Shore Protection ..... B-13
18. Maintenance Dredge Channel..... B-13
19. Proposed Residence in a High Risk Erosion Area ..... B-14
20. Proposed Residence in a Critical Dune Area ..... B-14
21. Marina Site Plan ..... B-15
22. Outlet Pipe..... B-16
23. Temporary Logging Road Crossing..... B-16

**Appendix C:** Fees and Categories for Minor Project and General Permit for Minor Activities ..... C-1

**Appendix D:** State Authority, Federal Authority, Privacy Act Statement, and State and Federal Penalties ..... D-1

**Appendix E:** Glossary (listed words are italicized in the application package) ..... E-1

Application status can be viewed on the Water Resources Division (WRD) website at [www.michigan.gov/miwaters](http://www.michigan.gov/miwaters). During the application period, if any information is missing from the application or if any clarification is needed regarding materials provided, the application is incomplete and staff will request the information from the applicant/agent by letter, email, fax or phone call. If a complete response is not provided within 30 days, the application will be closed. Some regulatory parts allow extensions if requested within the 30 day time frame. Once the WRD has received the information necessary for review of the project, including a thoroughly completed application, consistent drawings that have adequate detail for review and the full application fee, the file will be reviewed for final processing. A mailed postcard or a public notice will provide the file number and the telephone number of the office where the application is being processed. The review time to determine if an application is complete for processing ranges from 15 to 30 days. Technical processing times, after the application is administratively complete, may range from 60 to 90 days. Processing times will be longer if a public hearing is held. Staff from your local District/Field Office may visit the project site and may request additional information prior to a decision on the application. Application fees are not refundable or transferable.

**If a federal permit will also be required, a copy of the permit application will be sent to the Detroit District Office, USACE, for processing at the federal level.** Additional copies of this application form can be downloaded from the WRD website at [www.mi.gov/jointpermit](http://www.mi.gov/jointpermit) or can be photocopied from the original. If you have any questions about the permitting process or if you need to modify your application, you can contact the WRD by phone or fax at the addresses on the previous page, or email at [DEQ-WRD-MiWaters@michigan.gov](mailto:DEQ-WRD-MiWaters@michigan.gov).



<b>AGENCY USE</b>	<b>Previous USACE File Number</b>	<b>Date Received</b>	<b>DEQ File Number</b>
	<b>USACE File Number</b>		<b>Fee received \$</b>

Validate that all parts of this checklist are submitted with the application package. Fill out application and additional pages as needed.

- All items in Sections 1 through 9 are completed.
- Project-specific Sections 10 through 20 are completed.
- Dimensions, volumes, and calculations are provided for all impact areas.
- All information contained in the headings for the appropriate Sections (1-20) are addressed, and identified attachments (➔) are included.
- Map, site plan(s), cross sections; one set must be black and white on 8 ½ by 11 inch paper; photographs.
- Application fee is attached.

**1 Project Location Information** For Latitude, Longitude, and TRS info anywhere in Michigan see [www.mcgi.state.mi.us/wetlands/](http://www.mcgi.state.mi.us/wetlands/)

Project Address (road, if no street address) <b>6276 NEWTON ROAD</b>	Zip Code <b>48840</b>	Municipality (Township/Village/City) <b>HASLETT</b>	County <b>INGHAM</b>
Property Tax Identification Number(s) <b>32-02-02-04-252-004</b>	Latitude <b>42.762983 N</b>	Township/Range/Section (TRS) T <b>4</b> N or S; R <b>1</b> E or W; Sec <b>4</b> OR Private Claim # _____	
Subdivision/Plat and Lot Number	Longitude <b>-84.430909 W</b>		

**2 Applicant and Agent Information**

Owner/Applicant (individual or corporate name) <b>NEWTON POINTE, LLC</b>	Agent/Contractor (firm name and contact person) <b>CHUCK HOLMAN</b>
Mailing Address <b>2502 LAKE LANSING ROAD, STE C</b>	Mailing Address <b>2502 LAKE LANSING ROAD</b>
City <b>LANSING</b> State <b>MI</b> Zip Code <b>48912-3661</b>	City <b>LANSING</b> State <b>MI</b> Zip Code <b>48912-3661</b>
Contact Phone Number Fax <b>517-371-5326 517-371-5326</b>	Contact Phone Number Fax <b>517-371-5300 517-371-5326</b>
Email <b>cholman@dtnmgt.com</b>	E-mail <b>cholman@dtnmgt.com</b>
<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes Is the applicant the sole owner of all property on which this project is to be constructed and all property involved or impacted by this project? ➔ If no, attach letter(s) of authorization from all property owners including the owner of the disposal site.	
Property Owner's Name (If different from applicant)	Mailing Address
Contact Phone Number	City State Zip Code

**3 Project Description**

Project Name <b>NEWTON PARK MUPUD</b>	Preapplication File Number - - -P																				
Name of Water body <b>MERIDIAN TWP. REGULATED WETLAND</b>	Date project staked/flagged <b>JUNE AND JULY 2017</b>																				
<p>The proposed project is on, within, or involves (check all that apply)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> an inland lake (5 acres or more)</td> <td><input type="checkbox"/> a Great Lake or Section 10 Waters</td> </tr> <tr> <td><input type="checkbox"/> a pond (less than 5 acres)</td> <td><input checked="" type="checkbox"/> a wetland</td> </tr> <tr> <td><input type="checkbox"/> a stream, river, ditch or drain</td> <td><input type="checkbox"/> a 100-year floodplain</td> </tr> <tr> <td><input type="checkbox"/> a legally established County Drain</td> <td><input type="checkbox"/> a dam</td> </tr> <tr> <td>Date Drain was established</td> <td><input type="checkbox"/> a designated high risk erosion area</td> </tr> <tr> <td><input type="checkbox"/> a channel/canal</td> <td><input type="checkbox"/> a designated critical dune area</td> </tr> <tr> <td><input type="checkbox"/> 500 feet of an existing water body</td> <td><input type="checkbox"/> a designated environmental area</td> </tr> </table>	<input type="checkbox"/> an inland lake (5 acres or more)	<input type="checkbox"/> a Great Lake or Section 10 Waters	<input type="checkbox"/> a pond (less than 5 acres)	<input checked="" type="checkbox"/> a wetland	<input type="checkbox"/> a stream, river, ditch or drain	<input type="checkbox"/> a 100-year floodplain	<input type="checkbox"/> a legally established County Drain	<input type="checkbox"/> a dam	Date Drain was established	<input type="checkbox"/> a designated high risk erosion area	<input type="checkbox"/> a channel/canal	<input type="checkbox"/> a designated critical dune area	<input type="checkbox"/> 500 feet of an existing water body	<input type="checkbox"/> a designated environmental area	<p>Project Use</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> private</td> </tr> <tr> <td><input checked="" type="checkbox"/> commercial</td> </tr> <tr> <td><input type="checkbox"/> public/government</td> </tr> <tr> <td><input type="checkbox"/> project is receiving federal/state transportation funds</td> </tr> <tr> <td><input type="checkbox"/> Wetland Restoration</td> </tr> <tr> <td><input type="checkbox"/> other</td> </tr> </table>	<input type="checkbox"/> private	<input checked="" type="checkbox"/> commercial	<input type="checkbox"/> public/government	<input type="checkbox"/> project is receiving federal/state transportation funds	<input type="checkbox"/> Wetland Restoration	<input type="checkbox"/> other
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<input type="checkbox"/> public/government																					
<input type="checkbox"/> project is receiving federal/state transportation funds																					
<input type="checkbox"/> Wetland Restoration																					
<input type="checkbox"/> other																					

Indicate the type of permit being applied for:  General Permit  Minor Project  Individual (All other projects.) ➔ See Appendix C.

Written Summary of All Proposed Activities **CONSTRUCT SINGLE AND MULTIPLE RESIDENTIAL UNITS WITH ATTACHE GARAGES, PARKING AREAS. CONSTRUCT SANITARY AND STORM SEWERS, AND STORM WATER PRE-TREATMENT AND STORM DETENTION OUTLET CONTROL STRUCTURE FROM WETLANDS WITH OUTLET TO PUBLIC STORM SEWERS.**

Construction Sequence and Methods **CONSTRUCT UNDER GROUND FACILITIES, APPROACHES FOR VEHICLES TO NEWMAN ROAD, UNDERGROUND FACILITIES AND BUILDINGS. COSTRUCT**

**4 Project Purpose, Use and Alternatives** *Attach additional sheets as necessary.*

Describe the purpose of the project and its intended use; include any new development or expansion of an existing land use.

**CONSTRUCT SINGLE AND MUTIFAMILY RESIDENTIAL UNITS WITH GARAGES AND PARKING AREAS.**

Describe the alternatives considered to avoid or minimize resource impacts. Include factors such as, but to limited to, alternative locations, project layout and design, and construction technologies. For utility crossings include alternative routes and construction methods.

**PROVIDE PRE-TREATMENT FOR FOR STORM RUN OFF TO THE WETLANDS AND CONSTRUCT STORM WATER DETENTION OUTLET STRUCTURES FROM THE WETLANDS WITH STORM WATER OUTLET TO PUBLIC STORM SEWERS.****5 Locating Your Project Site** *Attach a legible black and white map with a North arrow.*Names of roads of closest intersection **NEWTON ROAD AND M-78 (E.SAGINAW STREET)**Directions from main intersection to the project site, with distances from the best and nearest visible landmark and water body **EXISTING DRIVEWAY IS LOCATED SOUTH IF INTERSECTION ON E. SIDE OF NEWTON ROAD .**

Description of buildings on the site (color; 1 or 2 story, other)

**SITE IS VACANT**

Description of adjacent landmarks or buildings (address; color; etc)

**MERIDIAN WATER TOWER IS LOCATED ON WEST SIDE OF NEWTON ROAD**How can your site be identified if there is no visible address? **OPPISITE SIDE OF WATER TOWER ON NEWMAN ROAD****6 Easements and Other Permits** No  Yes Is there a conservation easement or other easement, deed restriction, lease, or other encumbrance upon the property?

➔ If yes, attach a copy. Provide copies of court orders and legal lake levels if applicable.

List all other federal, interstate, state, or local agency authorizations including required assurances for Critical Dune Area projects.

Agency	Type of Approval	Number	Date Applied	Date approved /denied	Reason for denial

**7 Compliance**If a permit is issued, when will the activity begin? (M/D/Y) **MARCH, 2019**Proposed completion date (M/D/Y) **NOVEMBER 2019** No  Yes Has any construction activity commenced or been completed in a regulated area?

➔ If Yes, identify the portion(s) underway or completed on drawings or attach project specifications and give completion date(s).

 No  Yes Were the regulated activities conducted under a DEQ and/or USACE permit?

➔ If Yes, list the permit numbers

 No  Yes Are you aware of any unresolved violations of environmental law or litigation involving the property?

➔ If Yes, attach explanation.

**8 Adjoining Property Owners** *Provide current mailing addresses. Attach additional sheets/labels for long lists.* Established Lake Board

Contact Person

Mailing Address

City

State and Zip Code

 Lake Association

List all adjoining property owners.

If you own the adjoining lot, provide the requested information for the first adjoining parcel that is not owned by you.

Property Owner's Name	Mailing Address	City	State and Zip Code
<b>MERIDIAN CHARTER TOWNSHIP</b>	<b>5151 MARSH ROAD</b>	<b>OKEMOS</b>	<b>MI, 48864</b>
<b>HAMMOND, L. LEE</b>	<b>5834 M-99</b>	<b>DIMONDALE</b>	<b>MI, 48821</b>



<b>9 Applicant's Certification</b>		<i>Read carefully before signing.</i>	
<p>I am applying for a permit(s) to authorize the activities described herein. I certify that I am familiar with the information contained in this application; that it is true and accurate; and, to the best of my knowledge, that it is in compliance with the State Coastal Zone Management Program. I understand that there are penalties for submitting false information and that any permit issued pursuant to this application may be revoked if information on this application is untrue. I certify that I have the authority to undertake the activities proposed in this application. By signing this application, I agree to allow representatives of the DEQ, USACE, and/or their agents or contractors to enter upon said property in order to inspect the proposed activity site before and during construction and after the completion of the project. I understand that I must obtain all other necessary local, county, state, or federal permits and that the granting of other permits by local, county, state, or federal agencies does not release me from the requirements of obtaining the permit requested herein before commencing the activity. I understand that the payment of the application fee does not guarantee the issuance of a permit.</p>			
<input checked="" type="checkbox"/> Property Owner <input type="checkbox"/> Agent/Contractor <input type="checkbox"/> Corp. or Public Agency / Title	Printed Name <b>CHUCK HOLMAN</b>	Signature	Date



**10 Projects Impacting Inland Lakes, Streams, Great Lakes, Wetlands or Floodplains**

- Complete only those sections A through M applicable to your project.
- If your project impacts wetlands also complete Section 12. If your project impacts regulated floodplains also complete Section 13.
- To calculate volume in cubic yards (cu yd), multiply the average length in feet (ft) times the average width (ft) times the average depth (ft) and divide by 27. Example: (25 ft long x 10 ft wide x 2 feet deep) / 27 = 18.5 cubic yards
- Some projects on the Great Lakes require an application for conveyance prior to Joint Permit Application completeness.
  - Provide a black and white overall site plan, with cross-section and profile drawings. Show existing lakes, streams, wetlands, and other water features; existing structures; and the location of all proposed structures, land change activities and soil erosion and sedimentation control measures. Review Appendix B and EZ Guides for aid in providing complete site-specific drawings.
  - Provide tables for multiple impact areas or multiple activities such as multiple fill areas or multiple culverts. Include your calculations.

**Water Level Elevation**  
 On inland waters  NGVD 29  NAVD 88  other Observed water elevation (ft) date of observation (M/D/Y)  
 On a Great Lake  IGLD 85  surveyed  converted from observed still water elevation.

**A. PROJECTS REQUIRING FILL** (See All Sample Drawings)  
 ➤ Attach a site plan and cross-section views to scale showing maximum and average fill dimensions with calculations.  
 ➤ For multiple impact areas on a site provide a table with location, dimensions and volumes for each fill area.

Purpose  bioengineered shore protection  boat ramp  boat well  bridge or culvert  crib dock  
 riprap  seawall  swim area  other

Dimensions of fill (ft)			Total volume (cubic yards)	Volume below OHWM (cubic yards)
Length	Width	Maximum Depth		

Maximum water depth in fill area (ft)	Area filled (sq ft)	Will filter fabric be used under proposed fill? <input type="checkbox"/> No <input type="checkbox"/> Yes (If Yes, type)
---------------------------------------	---------------------	--

Fill will extend \_\_\_\_\_ feet into the water from the shoreline and upland \_\_\_\_\_ feet out of the water.

Type of clean fill  peastone %  sand %  gravel %  other

Source of clean fill  commercial  on-site  other  
 ➤ If on-site, show location on site plan.  
 ➤ If other, attach description of location.

**B. PROJECTS REQUIRING DREDGING OR EXCAVATION** (See Sample Drawings)  
 • Refer to [www.mi.gov/jointpermit](http://www.mi.gov/jointpermit) for spoils disposal and authorization requirements.  
 ➤ Attach a site plan and cross-section views to scale showing maximum and average dredge or excavation dimensions with calculations.  
 ➤ For multiple impact areas on a site provide a table with location, dimensions and volumes for each dredge/excavation area.

Purpose  boat ramp  boat well  bridge or culvert  maintenance dredge  
 navigation  pond/basin  other

Dimensions (ft)			Total volume (cu yds)	Volume below OHWM (cu yds)
Length	Width	Maximum Depth		

Has this same area been previously dredged?  No  Yes If Yes, provide date and permit number:

Will the previously dredged area be enlarged?  No  Yes If Yes, when and how much?

Is long-term maintenance dredging planned?  No  Yes If Yes, how often?

Dredge or Excavation Method  Hydraulic  Mechanical  other

Spoils Disposal	Dredged or excavated spoils will be placed <input type="checkbox"/> on-site <input type="checkbox"/> landfill <input type="checkbox"/> USACE confined disposal facility <input type="checkbox"/> other upland off-site For disposal, provide a ➤ Detailed spoils disposal area location map and site plan with property lines. ➤ Letter of authorization from property owner of spoils disposal site, if disposed off-site.
	For volumes less than 5,000 cu yards, has proposed dredge material been tested for contaminants within the past 10 years? <input type="checkbox"/> No <input type="checkbox"/> Yes ➤ If Yes, provide test results with a map of sampling locations.

**C. PROJECTS REQUIRING RIPRAP** (See Sample Drawings 2, 3, 8, 12, 14, 22, and 23)

Riprap water ward of the ordinary high water mark: dimensions (ft) length width depth	Volume(cu yd)
Riprap landward of the ordinary high water mark: dimensions (ft) length <b>20</b> width <b>15</b> depth <b>0.5 TO 2.0</b>	Volume(cu yd) <b>15CYD X 16 = 240 CYD</b>

Type and size of riprap (inches)  
 field stone **3" - 6"**  angular rock **3" - 6"**  other  
 Will filter fabric or pea stone be used under proposed riprap?  
 No  Yes, Type



<input type="checkbox"/> <b>D. SHORE PROTECTION PROJECTS</b> (See EZ Guides and Sample Drawings 2, 3, and 17. Complete Sections 10A, B, and/or C.)			
➔ For bioengineering projects include the list of native plants/seeds, if available.			
Type and length (ft)	<input type="checkbox"/> bioengineering (ft)	<input type="checkbox"/> revetment (ft)	<input type="checkbox"/> riprap (ft) <input type="checkbox"/> seawall/bulkhead (ft)
Structure is <input type="checkbox"/> new <input type="checkbox"/> repair <input type="checkbox"/> replacement of an existing structure		Will the existing structure be removed? <input type="checkbox"/> No <input type="checkbox"/> Yes	
Proposed Toe Stone (linear feet)		Distance of project from adjacent property lines (ft)	
Distance of project from an obvious fixed structure (example - 50 ft from SW corner of house)			
For bioengineering projects indicate the structure type <input type="checkbox"/> brush bundles <input type="checkbox"/> coir log <input type="checkbox"/> live stakes <input type="checkbox"/> tree revetment <input type="checkbox"/> other			
<input type="checkbox"/> <b>E. DOCK - PIER – MOORING PILINGS</b> (See Sample Drawing 10)			
➔ Attach a copy of the property legal description, mortgage survey, or a property boundary survey report.			
Dock Type <input type="checkbox"/> open pile <input type="checkbox"/> filled <input type="checkbox"/> crib <input type="checkbox"/> floating <input type="checkbox"/> cantilevered <input type="checkbox"/> spring piles <input type="checkbox"/> piling clusters <input type="checkbox"/> other			
Is the structure within the applicant's riparian area interest area? <input type="checkbox"/> No <input type="checkbox"/> Yes ➔ Show parcel property lines on the site plan.			
Proposed structure dimensions (ft) length width		Use <input type="checkbox"/> private <input type="checkbox"/> public <input type="checkbox"/> commercial	
Dimensions of nearest adjacent structures (ft) length width		Distance of dock from adjacent property lines (ft)	
<input type="checkbox"/> <b>F. BOAT WELL</b> (See EZ Guide. Complete Sections 10A and 10B)			
Dimensions (ft) length width depth		Number of boats	
Type of sidewall stabilization <input type="checkbox"/> concrete <input type="checkbox"/> riprap <input type="checkbox"/> steel <input type="checkbox"/> vinyl <input type="checkbox"/> wood <input type="checkbox"/> other			
Volume of backfill behind sidewall stabilization (cu yd)		Distance of boat well from adjacent property lines (ft)	
<input type="checkbox"/> <b>G. BOAT RAMP</b> (See EZ Guide. Complete sections 10A, 10B, and 10C for mattress and pavement fill, dredge, and riprap)			
Type <input type="checkbox"/> new <input type="checkbox"/> existing <input type="checkbox"/> maintenance/improvement		Use <input type="checkbox"/> private <input type="checkbox"/> public <input type="checkbox"/> commercial	
Existing overall boat ramp dimensions (ft) length width depth		Type of construction material <input type="checkbox"/> concrete <input type="checkbox"/> wood <input type="checkbox"/> stone <input type="checkbox"/> other	
Proposed overall ramp dimensions (ft) length width depth		Proposed ramp dimensions (ft) below ordinary high water mark length width depth	
Number of proposed skid piers	Proposed skid pier dimensions (ft) length width		Distance of ramp from adjacent property lines (ft)
<input type="checkbox"/> <b>H. BOAT HOIST – ROOFS</b> (See EZ Guide)			
Type <input type="checkbox"/> cradle <input type="checkbox"/> side lifter <input type="checkbox"/> other		Located on <input type="checkbox"/> seawall <input type="checkbox"/> dock <input type="checkbox"/> bottomlands	
Hoist dimensions, including catwalks (ft) length width			
Area occupied, including cat walks (sq ft)		Distance of hoist from adjacent property lines (ft)	
Permanent Roof <input type="checkbox"/> No <input type="checkbox"/> Yes ➔ If Yes, how is the roof supported?		Maximum Roof Dimensions (ft): length width height	
<input type="checkbox"/> <b>I. BOARDWALKS and DECKS in WETLANDS or FLOODPLAINS</b> (See Sample Drawings 5 and 6. Complete Sections 12 and/or 13)			
➔ Provide a table for multiple boardwalks and decks proposed in one project; include locations and dimensions.			
<b>Wetlands</b>		<b>Floodplains</b>	
Boardwalk <input type="checkbox"/> on pilings <input type="checkbox"/> on fill	Deck <input type="checkbox"/> on pilings <input type="checkbox"/> on fill	Boardwalk <input type="checkbox"/> on pilings <input type="checkbox"/> on fill	Deck <input type="checkbox"/> on pilings <input type="checkbox"/> on fill
Dimensions (ft) length width	Dimensions (ft) length width	Dimensions (ft) length width	Dimensions (ft) length width
<input checked="" type="checkbox"/> <b>J. INTAKE PIPES</b> (See Sample Drawing 16) or <b>OUTLET PIPES</b> (See Sample Drawing 22)			
If outlet pipe, discharge is to <input type="checkbox"/> inland lake <input type="checkbox"/> stream, drain or river <input type="checkbox"/> overland flow <input type="checkbox"/> Great Lake <input checked="" type="checkbox"/> wetland <input type="checkbox"/> other			
Number of pipes	Pipe diameters and invert elevations	Does pipe discharge below the OHWM?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
7	12" 24"	Is the water treated before discharge?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
Type <input type="checkbox"/> headwall <input checked="" type="checkbox"/> end section <input type="checkbox"/> other	Dimensions of headwall OR end section (ft) length 2' TO 3.5' width 2' TO 4' height 12" TO 24"		



<b><input type="checkbox"/> K. MOORING and NAVIGATION BUOYS</b> (See EZ Guide for Sample Drawing)			
<ul style="list-style-type: none"> <li>➔ Provide a site plan showing the distances between each buoy and from the shore to each buoy, and depth (ft) of water at each location.</li> <li>➔ Provide cross-section drawing(s) showing anchoring system(s) and dimensions.</li> </ul>			
Purpose of buoy <input type="checkbox"/> mooring <input type="checkbox"/> navigation <input type="checkbox"/> scientific structures <input type="checkbox"/> swimming <input type="checkbox"/> other			
Number of buoys	Dimensions of buoys (ft)		Boat Lengths
	width	height	swing radius
			chain length
Buoy Location: Latitude    .    N    Longitude    --    .    W. ➔ Provide a table for multiple buoys.			
Do you own the property along the shoreline?		<input type="checkbox"/> No <input type="checkbox"/> Yes	➔ If No, attach an authorization letter from the property owner(s).
Do you own the bottomlands?		<input type="checkbox"/> No <input type="checkbox"/> Yes	➔ If No, attach an authorization letter from the property owner(s).
<b><input type="checkbox"/> L. FENCES</b>			
<ul style="list-style-type: none"> <li>➔ Provide an overall site plan showing the proposed fencing through streams, wetlands or floodplains.</li> <li>➔ Provide a drawing of fence profile showing the design, dimension, post spacing, mesh, and distance from ground to bottom of fence.</li> </ul>			
Purpose of fence <input type="checkbox"/> Airport <input type="checkbox"/> Cervidae <input type="checkbox"/> Livestock <input type="checkbox"/> Residential <input type="checkbox"/> Security <input type="checkbox"/> Other			
Total length (ft) of fence through		Fence height (ft)	Fence type and material
streams    wetlands    floodplains			
<b><input type="checkbox"/> M. OTHER</b> - e.g., structure removal, maintenance or repair, aerator, dry fire hydrant, gold prospecting, habitat structures, scientific measuring devices, soil borings, or survey activities.			
Structure description, dimensions and volumes. Complete Sections 10A-C as applicable.			
<b>11 Expansion of an Existing or Construction of a New Lake or Pond</b> (See Sample Drawings 4 and 15)			
<ul style="list-style-type: none"> <li>➔ Complete Section 10J for outlets and Section 17 for water control structures.</li> <li>➔ Provide elevations, cross-sections and profiles of outlets, dams, dikes, water control structures and emergency spillways to nearest water bodies.</li> </ul>			
Which best describes your proposed water body use (check all that apply)			
<input type="checkbox"/> mining <input type="checkbox"/> recreation <input type="checkbox"/> storm water retention basin <input type="checkbox"/> wastewater basin <input type="checkbox"/> wildlife <input type="checkbox"/> other			
Water source for lake/pond			
<input type="checkbox"/> groundwater <input type="checkbox"/> natural springs <input type="checkbox"/> Inland Lake or Stream <input type="checkbox"/> storm water runoff <input type="checkbox"/> pump <input type="checkbox"/> sewage <input type="checkbox"/> other			
Location of the lake/basin/pond <input type="checkbox"/> floodplain <input type="checkbox"/> wetland <input type="checkbox"/> stream (inline) <input type="checkbox"/> upland			
Maximum dimensions (ft)		Maximum Area: <input type="checkbox"/> acres <input type="checkbox"/> sq ft	
length    width    depth			
Has the there been a hydrologic study performed on the site?		<input type="checkbox"/> No <input type="checkbox"/> Yes	➔ If Yes, provide a copy.
Has the DEQ conducted a wetland assessment for this parcel?		<input type="checkbox"/> No <input type="checkbox"/> Yes	➔ If Yes, provide a copy or WIP number:
Has a professional wetland delineation been conducted for this parcel?		<input type="checkbox"/> No <input type="checkbox"/> Yes	➔ If Yes, provide a copy with data sheets.
<b>Spoils Disposal</b>	Dredged or excavated spoils will be placed <input type="checkbox"/> on-site <input type="checkbox"/> landfill <input type="checkbox"/> USACE confined disposal facility <input type="checkbox"/> other upland off-site		
	For disposal, provide a ➔ Detailed spoils disposal area location map and site plan with property lines.		
	➔ Letter of authorization from property owner of spoils disposal site, if disposed off-site.		



**12 Activities That May Impact Wetlands** (See Sample Drawings 8 & 9). Complete other Sections as applicable.

- Locate your site and wetland information with the DEQ Wetlands Map Viewer at [www.mcgi.state.mi.us/wetlands/](http://www.mcgi.state.mi.us/wetlands/)
- For information on the DEQ's Wetland Identification Program (WIP) visit [www.mi.gov/wetlands](http://www.mi.gov/wetlands).
  - ➔ Provide a detailed site plan with labeled property lines, upland and wetland areas, and dimensions and volumes of wetland impacts.
  - ➔ Complete the wetland dredge and wetland fill dimension information below for each impacted wetland area.
  - ➔ Attach tables for multiple impact areas or activities.
  - ➔ Attach at least one cross-section for each wetland dredge and/or fill area; show wetland and upland boundaries on the cross-section.

Has the DEQ conducted a wetland assessment for this parcel?		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	➔ If Yes, provide a copy or WIP number:		
Has a professional wetland delineation been conducted for this parcel?		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	➔ If Yes, provide a copy with data sheets		
Is there a recorded DEQ easement on the property?		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	➔ If Yes, provide the easement number		
Did the applicant purchase the property before October 1, 1980?		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	➔ If Yes, provide documentation.		
Is any grading or mechanized land clearing proposed?		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	➔ If Yes, label the locations on the site plan.		
Has any of the proposed grading or mechanized land clearing been completed?		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	➔ If Yes, label the locations on the site plan		
Proposed Activity <input type="checkbox"/> boardwalk or deck (Section 10I) <input type="checkbox"/> bridges and culverts (Section 14) <input type="checkbox"/> designated environmental area <input type="checkbox"/> dewatering <input checked="" type="checkbox"/> draining surface water <input type="checkbox"/> driveway / road <input type="checkbox"/> fences (Section 10L) <input type="checkbox"/> fill or dredge <input type="checkbox"/> restoration <input type="checkbox"/> septic system <input checked="" type="checkbox"/> stormwater discharge (Section 10J) <input type="checkbox"/> other					
<b>FILL</b>	Dimensions maximum length (ft) maximum width (ft)		Area <input type="checkbox"/> acres <input type="checkbox"/> sq ft	Average depth (ft)	Volume (cu yd)
	Dimensions maximum length (ft) maximum width (ft)		Area <input type="checkbox"/> acres <input type="checkbox"/> sq ft	Average depth (ft)	Volume (cu yd)
<b>Spoils Disposal</b>	Dredged or excavated spoils will be placed <input type="checkbox"/> on-site <input type="checkbox"/> landfill <input type="checkbox"/> USACE confined disposal facility <input type="checkbox"/> other upland off-site				
	For disposal, provide a ➔ Detailed spoils disposal area location map and site plan with property lines. ➔ Letter of authorization from property owner of spoils disposal site, if disposed off-site.				
<b>Septic System</b>	The proposed project will be serviced by: <input checked="" type="checkbox"/> public sewer <input type="checkbox"/> private septic system ➔ Show system on plans.		If a private septic system is proposed, has an application for a permit been made to the County Health Department? <input type="checkbox"/> No <input type="checkbox"/> Yes If Yes, has a permit been issued? <input type="checkbox"/> No <input type="checkbox"/> Yes ➔ Provide a copy of the permit.		
	Describe the wetland impacts, the proposed use or development, and the alternatives considered: <b><i>SURFACE RUN OFF WILL BE INTERCEPTED BY STORM SEWERS AND CURB SPILLWAYS, FOREBAYS WILL BE CONSTRUCTED AT EACH OUTLET AND SIZED FOR THE SIZE OF THE DRAINAGE AREA FROM EACH STORM PIPE OR CURB SPILLWAY.</i></b>				
Does the project impact more than 1/3 acre of wetland? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes ➔ If Yes, submit a Mitigation Plan with the type and amount of mitigation proposed. For more information go to <a href="http://www.mi.gov/wetlands">www.mi.gov/wetlands</a>					
Describe how impacts to waters of the United States will be avoided and minimized:					
Describe how the impact to waters of the United States will be compensated. OR Explain why compensatory mitigation should not be required for the proposed impacts.					



**13 Floodplain Activities** (See Sample Drawing 5 and others. Complete other applicable sections.)

- For more information go to [www.mi.gov/floodplainmanagement](http://www.mi.gov/floodplainmanagement). This site also lists the projects and requirements for an expedited floodplain review under "Expedited Review Information for Minor Floodplain Projects."
- Examples of projects proposed within the non-floodway portions of the 100-year-floodplain which may qualify for an expedited review: Open pile decks and boardwalks; residences, commercial/industrial facilities, garages and accessory structures; parking lots; pavilions, gazebos, large community playground structures; residential swimming pools
- Examples of projects proposed within the floodway portions of the floodplain which may qualify for an expedited review: Open pile decks and boardwalks, (non-enclosed) that are anchored to prevent floatation and that do not extend over the bed and bank of a watercourse; parking lots constructed at grade or resurfacing that is no more than 4 inches above the existing grade; dry hydrants that do not require fill placement; scientific structure such as staff gauges, water monitoring devices, water quality testing devices, and core sampling devices which meet specific design criteria and fish structures that meet specific design criteria.
- For expedited review include:
  - Photographs of the work site labeled to identify what is being shown and with the direction of the photo clearly indicated. Include photographs of any river or stream adjacent to the project.
  - A letter or statement from the local unit of government acknowledging your proposed application. See the website for sample wording.
- A hydraulic analysis or hydrologic analysis may be required to fully assess floodplain impacts.
- The state building code requires an Elevation Certificate for any building construction or addition in a floodplain. A sample form can be found at [www.fema.gov/nfip/elvinst.shtm](http://www.fema.gov/nfip/elvinst.shtm).
  - Attach additional sheets or tables for multiple proposed floodplain activities and provide hydraulic calculations.
  - Show reference datum used on plans.

Proposed Activity <input type="checkbox"/> fill <input type="checkbox"/> excavation or cut <input type="checkbox"/> other	100-year floodplain elevation (ft) (if known) Datum <input type="checkbox"/> NGVD 29 <input type="checkbox"/> NAVD 88 <input type="checkbox"/> other
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Site is \_\_\_\_\_ feet above  ordinary high water mark (OHWM) OR  observed water level. Date of observation (M/D/Y)

Fill volume below the 100-year floodplain elevation (cu yds)	Compensating cut volume below the 100-year floodplain elevation (cu yds)
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<b>Buildings and/or Additions</b>	Type of construction is <input type="checkbox"/> residential <input type="checkbox"/> garage/pole barn <input type="checkbox"/> non residential <input type="checkbox"/> other	
	Construction is <input type="checkbox"/> new <input type="checkbox"/> addition   AND   Serviced by <input type="checkbox"/> public sewer <input type="checkbox"/> private septic <input type="checkbox"/> other	
	Lowest adjacent grade (ft): existing                      proposed datum <input type="checkbox"/> NGVD 29 <input type="checkbox"/> NAVD 88 <input type="checkbox"/> other	
	<b>Existing Structure Information</b>	<b>Proposed Structure Information</b>
	Foundation type <input type="checkbox"/> basement <input type="checkbox"/> concrete slab on grade <input type="checkbox"/> pilings <input type="checkbox"/> crawl space <input type="checkbox"/> other	Foundation type <input type="checkbox"/> basement <input type="checkbox"/> concrete slab on grade <input type="checkbox"/> pilings <input type="checkbox"/> crawl space <input type="checkbox"/> other
	Foundation floor elevation (ft)	Foundation floor elevation (ft)
	Height of crawl space/basement from finished foundation floor to bottom of floor joists (ft)	Height of crawl space/basement from finished foundation floor to bottom of floor joists (ft)
	Elevation of 1st floor above basement floor/crawl space (ft)	Elevation of 1st floor above basement floor/crawl space (ft)
	For enclosed areas below the flood elevation, such as a crawl space, garages and accessory structures: Area of proposed foundation (sq ft) Elevation of proposed enclosed area (ft)                      datum <input type="checkbox"/> NGVD 29 <input type="checkbox"/> NAVD 88 <input type="checkbox"/> other	
	Number of flood vents                      net opening of each vent (sq inches)                      lowest elevation of flood vents (ft)	



<b>Stream Information</b>	The site has a high water elevation (ft) <input type="checkbox"/> above or <input type="checkbox"/> below the Reference Point of _____ Date observed _____				
	Reference datum used <input type="checkbox"/> NGVD 29 <input type="checkbox"/> NAVD 88 <input type="checkbox"/> IGLD 85 (Great Lakes coastal areas) <input type="checkbox"/> other _____				
	Average stream width (ft) at the ordinary high water mark (OHWM) outside the influence of any ponding or scour holes around the structure _____		Upstream _____ Downstream _____		
	Cross-sectional area of primary channel (sq ft) _____ (See Sample Drawing 14C for more information)				
	The width of the stream where the water begins to overflow its banks. Bankfull width (ft) _____				
	The invert of the stream 100-feet from structure (ft) _____		Upstream _____ Downstream _____		
	Is the existing culvert perched? <input type="checkbox"/> No <input type="checkbox"/> Yes If Yes, provide a profile of the channel bottom at the high and low points for a distance of 200 feet upstream and downstream of the culvert.				
<b>Complete this form for each bridge / culvert location.</b>			<b>Existing</b>	<b>Proposed</b>	
<b>Bridge</b>	Number of bridge spans _____				
	Bridge type (concrete box beam, concrete I-beam, timber, etc.) _____				
	Bridge span ( length perpendicular to stream) (ft) _____				
	Bridge width (parallel to stream) (ft) _____				
	Bottom of bridge beam (ft) _____		Upstream _____ Downstream _____		
	Stream invert elevation at bridge (ft) _____		Upstream _____ Downstream _____		
	Bridge rise from bottom of beam to streambed (ft) _____				
	<b>Culvert</b>	Number of culverts _____			
Culvert type (arch, bottomless, box, circular, elliptical, etc.) _____					
Culvert material (concrete, corrugated metal, plastic, etc.) _____					
Culvert length (ft) _____					
Culvert <input type="checkbox"/> width <input type="checkbox"/> diameter (ft) _____					
Culvert height prior to any burying (ft) _____					
Depth culvert will be buried (ft) _____					
Elevation of culvert crown (ft) _____		Upstream _____ Downstream _____			
Higher elevation of <input type="checkbox"/> culvert invert OR <input type="checkbox"/> streambed within culvert (ft) _____		Upstream _____ Downstream _____			
<b>Complete for both Bridges and Culverts</b>		Entrance design (mitered, projecting, wingwalls, etc.) _____			
	Total structure waterway opening above streambed (sq ft) _____				
	Total structure waterway area below the 100-year elevation (sq ft) (if known) _____				
	Elevation of road grade at structure (ft) _____				
	Elevation of low point in road (ft) _____				
	Distance from low point of road to mid-point of bridge crossing (ft) _____				
	Length of approach fill from edge of bridge/culvert to existing grade (ft) _____				
	A Licensed Professional Engineer may certify that your project will not cause a harmful interference for a range of flood discharges up to and including the 100-year flood discharge. The "Required Certification Language" is found under "forms" on the "maps, forms and documents" link from the <a href="http://www.mi.gov/jointpermit">www.mi.gov/jointpermit</a> page or a copy may be requested by phone, email, or mail. A hydraulic report supporting this certification may also be required. Is Certification Language attached? <input type="checkbox"/> No <input type="checkbox"/> Yes				

**15 Stream, River, or Drain Construction , Relocation and Enclosure Activities**

- Complete Section 10C for riprap activities.
- If side casting or other proposed activities will impact wetlands or floodplains, complete Sections 12 and 13, respectively.
  - Provide a scaled overall site plan showing existing lakes, streams, wetlands, and other water features; existing structures; and the location of all proposed structures and land change activities.
  - Provide scaled cross-section (elevation) drawings necessary to clearly show existing and proposed conditions.
  - For activities on legally established county drains, provide original design and proposed dimensions and elevations.

Stream Information	Water elevation (ft) datum <input type="checkbox"/> NGVD 29 <input type="checkbox"/> NAVD 88 <input type="checkbox"/> IGLD 85 (Great Lakes coastal areas) <input type="checkbox"/> other ➤ Show elevation on plans with description.	
	Dimensions (ft) of existing stream/drain channel (ft)	length width depth
	Existing channel average water depth in a normal year (ft)	
Proposed Activity <input type="checkbox"/> enclosure <input type="checkbox"/> improvement <input type="checkbox"/> maintenance <input type="checkbox"/> new drain <input type="checkbox"/> relocation <input type="checkbox"/> wetlands <input type="checkbox"/> other		
If an enclosed structure is proposed, check material type <input type="checkbox"/> concrete <input type="checkbox"/> corrugated metal <input type="checkbox"/> plastic <input type="checkbox"/> other		
Dimensions (ft) of the structure: diameter length		Volume of fill (cu yds)
Will old/enclosed stream channel be backfilled to top of bank grade? <input type="checkbox"/> No <input type="checkbox"/> Yes		
Length of channel to be abandoned (ft)		Volume of fill (cu yds)
Dimensions (ft) of improved, maintained, new, relocated or wetland stream/drain channel. length width depth		Volume of dredge/excavation (cu yds)
How will slopes and bottom be stabilized?		Proposed side slopes (vertical / horizontal)
Spoils Disposal	Dredged or excavated spoils will be placed <input type="checkbox"/> on-site <input type="checkbox"/> landfill <input type="checkbox"/> USACE confined disposal facility <input type="checkbox"/> other upland off-site For disposal, provide a ➤ Detailed spoils disposal area location map and site plan with property lines. ➤ Letter of authorization from property owner of spoils disposal site, if disposed off-site.	

**16 Drawdown of an Impoundment**

- If wetlands will be impacted, complete Section 12.

Type of drawdown <input type="checkbox"/> over winter <input type="checkbox"/> temporary <input type="checkbox"/> one-time event <input type="checkbox"/> annual event <input type="checkbox"/> permanent (dam removal) <input type="checkbox"/> other		
Reason for drawdown		
Has there been a previous drawdown? <input type="checkbox"/> No <input type="checkbox"/> Yes If Yes, provide date (M/D/Y)		Previous DEQ permit number, if known
Does waterbody have established legal lake level? <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Not Sure		Dam ID Number, if known
Extent of vertical drawdown (ft)	Impoundment design head (ft)	Number of adjoining or impacted property owners
Date drawdown would start (M/D/Y)	Date drawdown would stop (M/D/Y)	Rate of drawdown ( ft/day)
Date refilling would start (M/D/Y)	Date refill would end (M/D/Y)	Rate of refill (ft/day)
Type of outlet discharge structure to be used <input type="checkbox"/> surface <input type="checkbox"/> bottom <input type="checkbox"/> mid-depth	Impoundment area at normal water level (acres)	Sediment depth behind impoundment discharge structure (ft)



**17 Dam, Embankment, Dike, Spillway, or Control Structure Activities** (See Sample Drawing 15)

- For more information go to [www.mi.gov/damsafety](http://www.mi.gov/damsafety). If wetlands will be impacted, complete Section 12.
- Information on removing a dam is available at [www.mi.gov/damsafety](http://www.mi.gov/damsafety) and following the Related Link –Dam Management.
  - ➔ Attach detailed signed and sealed engineering plans for a Part 315 dam repair, dam alteration, dam abandonment, or dam removal.
  - ➔ Part 315 Dam Safety application fees are added to all other application fees.
  - ➔ Mail applications for dams regulated under Part 315 to DEQ, WRD, P.O. BOX 30458, LANSING, MI 48909-7958, attention Dam Safety.

Proposed Activity	<input type="checkbox"/> abandonment	<input type="checkbox"/> alteration	<input type="checkbox"/> enlargement of an existing dam
	<input type="checkbox"/> removal	<input type="checkbox"/> repair	<input type="checkbox"/> reconstruction of a failed dam
	<input type="checkbox"/> new dam construction	<input type="checkbox"/> other	

Dam ID Number, if known	Type of outlet discharge structure <input type="checkbox"/> surface <input type="checkbox"/> bottom <input type="checkbox"/> mid-depth
-------------------------	--

Will proposed activities require a drawdown of the waterbody to complete the work?  No  Yes ➔ If Yes, complete Section 16.

Structural height (difference between embankment top elevation and streambed elevation at downstream embankment toe) (ft) \_\_\_\_\_

Hydraulic Height (difference between design flood elevation and streambed elevation at downstream embankment toe) (ft) _____	Impoundment size at design flood elevation (acres)
--	--

Does dam meet the criteria for regulation under Part 315? (i.e. hydraulic height of 6 feet or more and an impoundment size at the design flood of 5 surface acres or more)  No  Yes

Dredging/excavation volume (cu yd)	Fill volume (cu yd)	Riprap volume (cu yd)
------------------------------------	---------------------	-----------------------

Will a water diversion during construction be required?  No  Yes

If Yes, describe how the stream flow will be controlled through the dam construction area during the proposed project activities:

Complete the following for a new dam, reconstruction of a failed dam or enlargement of an existing dam

For Part 315 regulated dams, the following must be attached:

- ➔ Site-specific conceptual plans of the dam for resource impact review (An engineering report and detailed engineering plans are not required until the project has been determined to be permitable).
- ➔ A description and evaluation of the loss of natural resources associated with the project.
- ➔ A description of the natural resources that are associated with or created by the impoundment and how they offset the natural resources lost by the creation of the impoundment.
- ➔ An assessment of all known existing and potential adverse effects within the scope of the project.

Embankment dimensions	length (ft)	top width (ft)	bottom width (ft)	slopes (vertical / horizontal)	Upstream Downstream
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Have soil borings been taken at dam location?  No  Yes ➔ If Yes, attach results.

Do you have flowage rights to all proposed flooded property at the design flood elevation?  No  Yes ➔ If No, provide a letter of authorization from the property owner.

Applications for Part 315 regulated dam removal projects must also include the following:

- An evaluation of the capacity of the remaining structure to pass flood flows.
- An evaluation of the quantity and quality of the sediments behind the impoundment.
- A description of the methods to be employed to control sediments.
- An assessment of all known existing and potential adverse impacts within the scope of the project.



**18 Utility Crossings** (See Sample Drawings 12 and 13, and EZ Guide)

- If side casting is proposed, complete Sections 10A and 10B. If spoils will be placed in or impact wetlands, complete Section 12.
  - ➔ Attach additional sheets or tables with the requested information as needed for multiple crossings.
  - ➔ For wetland crossings using the open trench method show clay plugs at the wetland/upland boundaries on the plans.

Crossing of  Inland Lake or Stream  floodplain  Great Lake  wetlands (also complete Section 12)

What method will be used to construct the crossings?  directional boring  jack and bore  open trench  plow / knife  flume

Utility Type	Number of lake or stream crossings	Number of wetland crossings	Pipe diameter with casing (in)	Pipe length per crossing (ft)	Distance below streambed or wetland (in)	Trench width (ft)
<input type="checkbox"/> sanitary sewer						
<input type="checkbox"/> storm sewer						
<input type="checkbox"/> watermain						
<input type="checkbox"/> cable						
<input type="checkbox"/> electric						
<input type="checkbox"/> fiber optic cable						
<input type="checkbox"/> oil/gas pipeline						

**19 Marina Construction, Expansion and Reconfiguration** (See Sample Drawing 21)

- For more information go to [www.mi.gov/marinas](http://www.mi.gov/marinas)
- Marinas located on the Great Lakes, including Lake St. Clair, may be required to secure leases or conveyances from the state of Michigan to place structures on the bottomlands. If a conveyance is necessary, an application must be submitted before the Joint Permit Application can be determined complete.
  - ➔ Fully complete Section 10 E. For multiple structures provide a table with the requested information.
  - ➔ Enclose a copy of any current pump-out agreement with another marina facility, if on-site sanitary pump out facilities are not available.
  - ➔ Attach a copy of the property legal description, mortgage survey, or a property boundary survey to your application.
  - ➔ The WRD may require a riparian interest area (RIA) estimate survey, sealed by a licensed surveyor, in order to determine whether the proposed project will adversely impact riparian rights. Include any available sealed RIA estimate survey and/or written authorizations from affected adjoining riparian owners with your application.

Proposed Marina Activity  New construction  Expansion  Reconfiguration

Do you have an existing Great Lake Conveyance?  No  Yes For more information visit [www.mi.gov/deggreatlakes](http://www.mi.gov/deggreatlakes).

Are sanitary pump-out facilities available?  No  Yes Is there a pump out agreement?  No  Yes If Yes, provide a copy.

Marina Description	Current Count	Final Count
Number of boat slips/wells (do not include broadside dockage or mooring buoys)		
Lineal feet of broadside dockage		
Maximum number of boats at broadside dockage		
Number of mooring buoys		
Number of launch ramps/lanes		



**20 Critical Dune Areas and High Risk Erosion Areas** (See Sample Drawings 19 and 20)

**Critical Dune Areas (See Sample Drawing 20)**

- Although not required, submitting **PHOTOGRAPHS** of the site may provide for a faster application review.
- For more information go to [www.mi.gov/jointpermit](http://www.mi.gov/jointpermit), select "Sand Dune Protection" under "Related Links."
- All property boundaries and proposed structure corners, including decks, septic systems, water wells, driveways, grading, and terrain alteration locations must be staked before the WRD site inspection.
- Scaled overhead and cross-section plans must include all property boundaries, locations, and dimensions of all existing structures and impacted areas, and all proposed structures, terrain alterations, and construction access. Cross-sections must show existing and proposed grades, including foundations.
- Construction in critical dune areas on slopes greater than 33 percent (1 vertical: 3 horizontal) is prohibited without a special exception.
- Construction in critical dune areas on slopes that measure from 25 percent (1 vertical: 4 horizontal) to less than 33 percent requires sealed plans prepared by a registered architect or licensed professional engineer.

**High Risk Erosion Areas (See Sample Drawing 19)**

- For more information go to [www.mi.gov/jointpermit](http://www.mi.gov/jointpermit), select "HREA" under "Related Links."
- All property boundaries, proposed structure corners, and septic system locations must be staked before the WRD site inspection.
- Scaled overhead plans must include all property boundaries, and the location and dimensions of all structures and septic systems must be included.
- Additional information, including the building construction plans, may be required to complete the application review.

Critical Dune Areas	Parcel dimensions (ft) width _____ depth _____		Date project staked (M/D/Y) _____	
	Property is a <input type="checkbox"/> platted lot <input type="checkbox"/> unplatted parcel		Year current property boundaries created _____	
	Dune habitat present in Building Site and access route (check all that apply): <input type="checkbox"/> Wooded <input type="checkbox"/> Open Dune <input type="checkbox"/> Shrubs <input type="checkbox"/> Bare Sand <input type="checkbox"/> Lakefront Lot <input type="checkbox"/> MNFI Community if known: _____			
	Type of construction activities <input type="checkbox"/> addition <input type="checkbox"/> driveway <input type="checkbox"/> garage <input type="checkbox"/> new home <input type="checkbox"/> renovation <input type="checkbox"/> septic <input type="checkbox"/> deck(s) <input type="checkbox"/> other			
	<input type="checkbox"/> Provide a sand relocation plan with location and dimensions of disposal area. Indicate <input type="checkbox"/> on-site OR <input type="checkbox"/> off-site If on-site show location and how the disposal site will be accessed on the plans. Indicate the depth of the disposed sand on the plans.			
	<input type="checkbox"/> Provide the permit or letter from the County Enforcing Agent stating the project complies with Part 91 (Soil Erosion and Sedimentation Control).			
	The proposed project will be serviced by <input type="checkbox"/> public sewer <input type="checkbox"/> private septic system. ♦ On the plans, show the location and dimensions of the private septic system. If a private septic system is proposed, has a permit been issued by the health department? <input type="checkbox"/> No <input type="checkbox"/> Yes ♦ If Yes, provide a copy of the permit for all Critical Dune Area projects.			
	<input type="checkbox"/> Provide a copy of the vegetation assurance letter. <input type="checkbox"/> Provide a re-vegetation plan, including # _____ of trees to be removed and # _____ of trees to be replanted.			
	<b>Proposed Utility Installation</b>		<b>Proposed New Construction</b>	
	Utility Installation Method <input type="checkbox"/> directional bore <input type="checkbox"/> plowing in <input type="checkbox"/> open trench <input type="checkbox"/> other		Foundation type <input type="checkbox"/> concrete slab <input type="checkbox"/> pilings <input type="checkbox"/> crawl space <input type="checkbox"/> other	
	♦ Show utility locations and dimensions on the site plan.		Area of existing structure (sq ft)	
	♦ Show construction access route on the site plan.		Area of proposed structure (sq ft)	
	♦ Show existing and proposed grades on the cross-section.		Area of existing deck (sq ft)	
	♦ Show locations of vegetation to be removed on the site plan.		Area of proposed deck (sq ft)	
Provide the following information for special use projects: (a) Lot size, width, density, and front and side setbacks. (b) Storm water drainage that provides for disposal of drainage water without serious erosion. (c) Methods for controlling erosion from wind and water. (d) Re-stabilization plan. (e) Environmental Impact Statement.				



<b>High Risk Erosion Areas</b>	Parcel dimensions (ft) width          depth		Date project staked (M/D/Y)	
	<b>Existing Structure Information</b>		<b>Proposed New Construction</b>	
	Foundation type <input type="checkbox"/> basement <input type="checkbox"/> concrete slab <input type="checkbox"/> pilings <input type="checkbox"/> crawl space <input type="checkbox"/> other		Foundation type <input type="checkbox"/> basement <input type="checkbox"/> concrete slab <input type="checkbox"/> pilings <input type="checkbox"/> crawl space <input type="checkbox"/> other	
	Material above foundation wall <input type="checkbox"/> block <input type="checkbox"/> log <input type="checkbox"/> stud frame <input type="checkbox"/> other		Material above foundation wall <input type="checkbox"/> block <input type="checkbox"/> log <input type="checkbox"/> stud frame <input type="checkbox"/> other	
	Siding material <input type="checkbox"/> block <input type="checkbox"/> vinyl <input type="checkbox"/> wood <input type="checkbox"/> other		Siding material <input type="checkbox"/> block <input type="checkbox"/> vinyl <input type="checkbox"/> wood <input type="checkbox"/> other	
	Area of the foundation, excluding attached garage (sq ft)		Area of the foundation, excluding attached garage (sq ft)	
	Area of the garage foundation (sq ft)		Area of the garage foundation (sq ft)	
	If renovating or restoring an existing structure, indicate the renovation or restoration cost \$			
	Current structure replacement value \$			
	Tax assessed value of existing structure excluding land value \$		Assessment Year	
Provide the number of individual living units in the proposed building				



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## WETLAND AND JURISDICTION DETERMINATION REPORT

*Prepared for:* DTN Management Company  
2502 Lake Lansing Road  
Suite C  
Lansing, MI 48912

*Project Site:* Newton Pointe, LLC property  
6276 Newton Road & M-78 Vacant  
Tax ID Nos. 33-02-02-04-252-004 and 33-02-02-04-252-005  
T4N, R1W, Section 4  
Meridian Township  
Ingham County, Michigan

*Project Number:* 17-1554

*Investigator:* Steven P. Voice, MS, PWS, CSE  
Senior Ecologist & Regulatory Specialist

*Inspection Dates:* June 13-14 and July 18-19, 2017

*Report Date:* February 22, 2018

### INTRODUCTION

This report is intended to follow up the various site inspections listed above of the above-captioned parcels/project site by Voice Environmental Group, LLC. The purpose of these inspections was to conduct a site evaluation and wetland determination of the subject properties/project site and to render an opinion on 1) the presence and location of any wetlands that may occur on the property and 2) the jurisdictional status of any wetlands identified.

### SITE LOCATION AND GENERAL CHARACTERISTICS

The project site is located southeast of the intersection of Newton Road and M-78 in Meridian Township, Ingham County, Michigan. It is comprised of two parcels: Parcel (Tax ID) No. 33-02-02-04-252-004 (6276 Newton Road) lies immediately east of and adjacent to Newton Road and immediately south of and adjacent to M-78 and Parcel (Tax ID) No. 33-02-02-04-252-005 (no assigned address) lies immediately to the east the first parcel and also has frontage on M-78. Both parcels, which together encompass approximately 26 acres, are vacant.

The project site supports various highland areas ranging from relatively open fields to shrub-dominated (abandoned) fields to hardwood forests. It also supports four (4) lowland areas which range from marsh/open water areas to scrub-shrub and forested community types.

There are six (6) soil series mapped for the site. Three of these soils series, Capac loam, 0 to 4 % slopes (CaA), Oshtemo-Spinks loamy sands, 0 to 6% slopes (OtB) and Spinks loamy sand, 0 to 6% slopes (SpB), are non-hydric. The other three, Houghton Muck, 0 to 1 percent slopes (Hn), Urban land-Capac-Colwood complex, 0 to 4 percent slopes (UpA) and Urban Land-Marlette complex, 2 to 12% slopes (UtB) are designated as hydric soils.

## WETLAND DESIGNATION CRITERIA AND METHODOLOGY

Under Part 303, Wetland Protection, of the Natural Resources and Environmental Protection Act (1994 P.A. 451, as amended), which is commonly referred to as the NREPA, wetland is defined as "land characterized by the presence of water at a frequency and duration sufficient to support and that under normal circumstances does support wetland vegetation or aquatic life and is commonly referred to as a bog, swamp, or marsh..." From a regulatory standpoint, a site must support a predominance of hydrophytic vegetation, a hydric soil and a wetland hydrological regime in order to be appropriately designated as wetland.

Part 303 requires that the state (as well as local units of government) use the federal methodology for wetland determinations. Thus, in determining whether or not a site is appropriately designated as wetland, Meridian Township, the Michigan Department of Environmental Quality (DEQ) and the US Army Corps of Engineers (USACE) must use the federal 1987 Wetland Identification Manual and appropriate regional supplements. Accordingly, the subject property was evaluated using the federal methodology. On-site investigations included various "spot" evaluations of dominant plant species, soils and apparent hydrology as well as detailed evaluations at representative upland and wetland data point locations, herein termed "wetland determination points."

## RESULTS AND DISCUSSION

It is the opinion of the investigator as a professional wetland ecologist and regulatory specialist that the subject property supports four (4) areas that are appropriately designated as wetland as shown on the attached Wetland and Jurisdiction Determination Plan prepared by KEBS, Inc. on December 14, 2017 (Appendix A).

Five (5) Wetland Data Forms per the 1987 Corps of Engineers Wetland Determination Manual from various representative "Wetland Determination Points" (WDPs), are attached in Appendix B: Three (3) are from identified upland (non-wetland) areas and two (2) are from identified wetland areas.

## Upland Areas

As indicated above, there is a variety of upland ecosystem types present on the project site. A Wetland Determination Point, WDP #1, was established and evaluated on July 19, 2017 to characterize the open field areas that dominate the west side of the property (west of the relatively large lowland area delineated as Wetland A (Appendix A)). At this location, both the tree and sapling-shrub layers (strata) are absent. The herbaceous layer is dominated by rough-leaf goldenrod (*Solidago rugosa*), and Kentucky bluegrass (*Poa pratensis*) but daisy fleabane (*Erigeron strigosus*), Queen Anne's lace (*Daucus carota*) and black medic (*Medicago lupulina*) are also present. A soil boring at this location revealed a 14" thick, somewhat mottled (but brightly colored) loam surface soil over a more typical, mottled clay loam sub-soil. The water table was absent in the 20"-deep soil boring. Accordingly, although the soils likely qualify as hydric (which is consistent with the mapping of this area as Urban land-Marlette complex, 2 to 12 percent slopes), their clearly is not a predominance of wetland vegetation nor a wetland hydrological regime. Accordingly, given these observations, a non-wetland (upland) designation for this area is appropriate.

WDP #3 was established and evaluated on the south side of the property immediately to the west of an isolated lowland depression delineated as Wetland C to characterize the upland forest ecosystems present on this and other portions of the site. At this location, the tree stratum is dominated by black oak (*Quercus velutina*) and shagbark hickory (*Carya ovata*), the sapling shrub layer is dominated by shagbark hickory and black cherry (*Prunus serotina*) and herbaceous layer is dominated by black cherry seedlings and somewhat weedy, dwarf enchanter's nightshade (*Circaea alpina*). A soil boring revealed a well-developed, well-drained soil profile consisting of loamy sand surface soils over sand sub-soils. The water table was absent in the 30" deep boring. Given these observations, a non-wetland (upland) designation for these areas is clearly appropriate.

Finally, a third upland Wetland Determination Point, WDP #5 was established and evaluated in the northeast portion of the project site to characterize the shrub-dominated, abandoned field areas undergoing old field succession that are present in this area. At this location the tree layer is absent, the sapling shrub layer is dominated by autumn olive (*Elaeagnus umbellata*), grey dogwood (*Cornus racemosa*) and honeysuckle (*Lonicera tatarica*), and the herbaceous layer is dominated by common blackberry (*Rubus alleghaniensis*), rough leaf goldenrod (*Solidago rugosa*) and perennial rye (*Lolium perenne*). A soil boring at this location revealed a well-drained, well developed profile consisting of relatively brightly colored loamy sand soils and the water table was absent in the 30" deep boring. Again, given these observations, a non-wetland (upland) designation for these areas is clearly appropriate.

## Wetland Area

As indicated above, four (4) lowland areas are present on site and these were delineated by the investigator as Wetlands A, B, C and D. Wetland Determination Points were established in the two larger wetland areas, Wetland A (4.78 acres) and Wetland B (0.65 acres). Wetland

data points were not established or evaluated in either Wetland C or Wetland D as both are less than ¼ acre in size.

The majority of Wetland A is best characterized as an open marsh; however, WDP #2 was established in a forested area adjacent to this open marsh community on the south side of the feature and near the delineated upland/wetland boundary. At this location, this tree layer of this wetland is dominated by Eastern cottonwood (*Populus deltoides*) and silver maple (*Acer saccharinum*), the sapling/shrub layer is dominated by glossy buckthorn (*Frangula alnus*), grey dogwood and silver maple, and the herbaceous layer is dominated by grey dogwood and poison ivy (*Toxicodendron radicans*). Although the majority of the feature (i.e. the open marsh areas are mapped as Houghton's muck, a soil boring at WDP #2 revealed a dark, loam surface soil over a dark clay sub-soil. The water table was observed at 8" below the surface during this July 19 evaluation. Given the above, a wetland designation for this area, is clearly appropriate.

In contrast to Wetland A, Wetland B is a forested wetland depression throughout. At WDP #4, which was established roughly in the center of this depression, the tree layer is dominated by red maple (*Acer rubrum*) and Eastern cottonwood, the sapling/shrub layer is dominated by red maple and green ash (*Fraxinus pennsylvanica*) and the herb stratum is dominated by a cover (estimated at 15%) of green ash seedlings and virtually no other species. A soil boring at this location revealed a dark loam surface soil over a dark loamy sand horizon over a dark sandy clay loam horizon. The water table at the time of his July 19 evaluation was observed at 11" below the surface. Given these observations, a wetland designation is clearly appropriate.

## JURISDICTIONAL DETERMINATION

### State of Michigan (MDEQ) Jurisdiction

By statute, the Michigan Department of Environment Quality regulates wetlands that:

1. Are directly connected to (contiguous with) the Great Lakes, or an inland "lake or pond, river or stream,"
2. Are within 500' of one of the above-mentioned inland water bodies, or within 1000' of a Great Lake - unless the owner/applicant demonstrates that the wetland is hydrologically isolated from the water body. Hydrologically isolated means there is neither a surface water or ground water connection,
3. Have "a seasonal or intermittent direct surface water connection to" one of the above-mentioned water bodies or,
4. Are over 5 acres in size.

Accordingly, it is the investigator's professional opinion that the four (4) wetland areas identified and delineated on the project site are NOT subject to state regulation by the MDEQ as:

- 1) None of these wetlands are contiguous to, within 500' of, or have a seasonal or intermittent direct surface water connection to an inland lake, pond, river or stream,
- 2) None, obviously, are within 100' of any of the Great Lakes, and finally
- 3) None of these wetlands is over 5 acres in size.

**NOTE 1:** The current properties/project area was formerly part of a much larger project area that was twice the subject of a Level III wetland assessment by the DEQ (the current project area is the northern, approximately 25 acres of the former site evaluated by the DEQ). In both the November 3, 1997 letter from then-District Supervisor Gary F. Marx to Dennis Forsberg and Keith Schroeder, as well as in the October 18, 2002 letter from then-District Supervisor Walter Danyluk to G.S. Fedewa Builders, Inc., the DEQ confirmed that all four (4) wetlands identified and delineated on the current project site, specifically Wetland A (previously Wetland 1), Wetland B (previously Wetland 10), Wetland C (previously Wetland 2) and Wetland D (previously Wetland 2), are NOT subject to state jurisdiction or regulation under Part 303 (Appendix C).

**NOTE 2.** Prior to completing the current wetland determination for this project site, Voice Environmental asked KEBS, Inc. to confirm and stake the eastern and southern property boundaries of the current project site. They did so, and Voice Environmental subsequently confirmed that the two wetland areas that were identified as Wetlands 13 and 14 in 1997 and 2002 are NOT located on the current project site.

### **Federal (US Army Corps of Engineers) Jurisdiction**

In Michigan, only wetlands that are adjacent to "navigable waters" (waters of the U.S.), as defined by Section 10 of the River and Harbors Act of 1899 (amended), are independently regulated by the U.S. Army Corps of Engineers (USACE) under the federal Clean Water Act of 1972, as amended. Per two Memorandums of Agreement executed in 1984 between the state and the US Environmental Protection Agency (EPA) and the state and the USACE, respectively, the EPA/USACE has suspended its jurisdiction of wetlands that are not adjacent to navigable ("Section 10") waters as defined by the Rivers and Harbors Act of 1899.

Accordingly, since none of the four wetland areas delineated on the project site are adjacent to a navigable waterway, it is the investigator's professional opinion that the identified wetland areas are NOT subject to independent federal jurisdiction or regulation.

### **Local (Meridian Township) Jurisdiction**

Meridian Township has a wetland ordinance that authorizes the township to regulate all wetlands that are greater than 2 acres and size and to potentially regulate wetlands as small as 0.25 acres in size. In the latter case, i.e. if the wetland is between 0.25 and 2.0 acres in size, the wetland would be regulated if 1) the township environmental consultant issues a preliminary finding that one or more of ten listed criteria are likely to apply to the wetland and 2) the Township Board, in turn, determines that "a wetland use permit application meeting the requirements of § 22-154 shall be required, based on a finding that the wetland is essential to the preservation of the natural resources of the Township."

Given the above, it is the investigator's professional opinion that:

- Wetland "A" (4.78 acres) is subject to Meridian Township jurisdiction and regulation.
- Wetland "B" (0.65 acres) is potentially subject to Meridian Township jurisdiction and regulation.
- Wetland "C" (0.18 acre) and Wetland "D" (0.12 acre) are NOT subject to Meridian Township jurisdiction and regulation.

### LIMITATIONS

This report serves to confirm the findings and opinions of the principal investigator as a professional wetland ecologist and consultant; it does not constitute a township, state or federal wetland or jurisdiction determination. It should be noted, however, that the evaluations reported herein have been conducted in accordance with both state and federal criteria for wetland designations and jurisdiction determinations. The client may wish to confirm these findings with Meridian Township, the Michigan Department of Environmental Quality (DEQ) and/or the US Army Corps of Engineers (USACE).

This determination is valid for a period of three years from the date of this letter unless additional evidence or new information warrants a revision of these findings prior to that date. This determination does not preclude the necessity to obtain federal, state, and local permits and/or approvals that may be required for use or additional development of the property.

### SUMMARY AND CONCLUSIONS

A wetland and jurisdiction determination/upland-wetland boundary delineation was completed for DTN Management Company for the Newton Pointe, LLC property, which is comprised of Parcel Nos. 33-02-02-04-252-004 and 33-02-02-04-252-005 (6276 Newton Road & M-78 Vacant), in Meridian Township, Ingham County, Michigan. It is the professional opinion of the investigator that the parcel supports four wetland areas identified herein as Wetlands A-D, as shown on the attached Wetland and Jurisdiction Determination Plan prepared by KEBS, Inc. on December 14, 2017 (Appendix A).

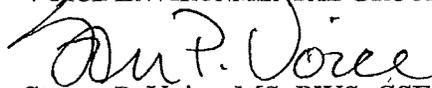
It is the investigator's professional opinion that none of the identified and delineated wetlands are subject to regulation or jurisdiction by the Michigan Department of Environmental Quality (DEQ), a finding that has been confirmed by the Department on two previous occasions (in 1997 and again in 2002). Furthermore, none of the identified and delineated wetlands are subject to independent federal jurisdiction and regulation by the U.S. Army Corps of Engineers

With respect to Meridian Township jurisdiction and regulation, it is the investigator's professional opinion that:

- Wetland A (4.78 acres) is subject to township jurisdiction and regulation.
- Wetland B (0.65 acres) is potentially regulated by the township under § 22-154 of the Meridian Township Wetland Ordinance since it is between 0.25 and 2.0 acres in size, and
- Wetlands C (0.18 acre) and Wetland D (0.12 acre) are not subject to township jurisdiction or regulation.

Respectfully submitted,

VOICE ENVIRONMENTAL GROUP, LLC



Steven P. Voice, MS, PWS, CSE  
Senior Ecologist & Regulatory Specialist

Enclosures

cc: R. Uppal  
C. Holton  
J. Kyes

## REFERENCES AND RESOURCES

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October 24, 2018 (Revised November 2, 2018)  
Project No. G181579

Mr. Mark Kieselbach  
Charter Township of Meridian  
5151 Marsh Road  
Okemos, MI 48864

Re: Wetland Use Permit #18-03 Application Review  
Newton Pointe, LLC  
Newton Park MUPUD

Dear Mr. Kieselbach:

Newton Pointe, LLC (the Applicant) is requesting to discharge stormwater into two wetlands regulated by the Charter Township of Meridian (Township), in association with a proposed residential housing development located at 6276 Newton Road, Haslett, Michigan.

At the request of the Township, FTCH reviewed the Wetland Use Permit (WUP) request, including the following:

- An undated Joint Permit Application prepared by the Applicant;
- *Wetland and Jurisdiction Determination Report*, dated February 22, 2018, prepared by Voice Environmental Group, LLC (Voice);
- Newton Park MUPUD Stormwater Management Existing Drainage to Wetland figure, prepared by KEBS, Inc. and dated November 12, 2017;
- Newton Park MUPUD Stormwater Management Plan Prop Drain Map, prepared by KEBS, Inc. and dated November 12, 2017; and
- Two sheets of stormwater detention calculations.

This report provides a brief description of the resources that would be impacted by the proposed work, evaluates WUP Application #18-03 according to review standards in the Township Wetland Protection Ordinance (Article IV of Chapter 22 of the Code of Ordinances of the Charter Township of Meridian), and makes recommendations to the Township regarding issuance or denial of the WUP application. This evaluation is limited to a review of wetland impacts and does not assess broader hydrologic and hydraulic issues pertaining to stormwater management at the site.

## Overview of Proposed Wetland Impacts

The proposed activities are located in Parcel Number 33-02-02-04-252-004 in the northeast quarter of Section 4, Town 4 North, Range 1 West, Ingham County, Michigan. The parcel is currently undeveloped and contains two wetlands greater than 0.25-acre in size:

- Wetland A, which is approximately 4.78 acres in size and primarily consists of open marsh. Forested wetland is located around the perimeter of the marsh. This wetland is designated at Wetland 4-19 on the Township wetland map.
- Wetland B, which is approximately 0.65-acre in size and consists of forested wetland. This wetland is designated at Wetland 4-20 on the Township wetland map.

Wetland A is regulated by the Township under Article IV (Wetland Protection) of Chapter 22 of the Township's Code of Ordinances because it is greater than two acres in size. Because Wetland B is less than two acres and greater than 0.25 acre in size, it is protected under the Township's wetland ordinance if the Township determines the wetland is essential to the preservation of the natural resources of the Township as provided in Section 22-156 of the ordinance.

The Applicant has submitted a WUP application to the Township requesting the following:

- Construct multiple housing units in upland.
- Maintain a 40-foot buffer between site development and Wetlands A and B.
- Discharge stormwater into Wetlands A and B via storm sewers and curb cuts.
- Construct forebays in upland at each stormwater outlet. Some of forebays will be constructed within the 40-foot wetland buffer near the wetland boundary and some would be constructed outside of it. The WUP application stated the forebays would be sized for the drainage area of each storm pipe and curb spillway. No design details regarding the forebays were provided to FTCH.
- Install a storm pipe between Wetlands A and B. The plan denotes forebay symbols at each end of the pipe. It appears the function of this pipe is to allow water to drain from Wetland B to Wetland A. Design details regarding this structure were not provided to FTCH.
- Construct an outlet structure at the southwest end of Wetland A to allow stormwater to discharge to the municipal stormwater system. No plan details regarding the outlet were provided to FTCH. The stormwater detention calculations do size the outlet structure orifices to control the first flush and 100-year events.

## Review of WUP Application

The review standards used to evaluate WUP applications are found in Section 22-157 of Article IV (Wetland Protection) of Chapter 22 of the Township's Code of Ordinances. WUPs are not to be issued unless the proposed activity is found to be in the public interest, the permit is necessary to realize the benefits from the activity, and the proposed activity is otherwise lawful in all respects. Section 22-157(2) lists eleven general criteria to be considered when evaluating whether or not a proposed activity is in the public interest. An evaluation of the proposed activity, according to each of the eleven criteria, is as follows:

Section 22-157(2)(a) *The relative extent of the public and private need for the proposed activity.*

- No information regarding the relative extent of the public and private need for the proposed housing development was provided.

Section 22-157(2)(b) *The availability of feasible and prudent alternative locations and methods to accomplish the expected benefits from the activity.*

- The WUP application's discussion of feasible and prudent alternatives was limited to the following: "Provide pretreatment for storm runoff to the wetlands and construct stormwater detention outlet structures from the wetlands with stormwater outlet to public storm sewers". This narrative appears to be the proposed actions and not a discussion of feasible and prudent alternatives.
- No alternative site plans or stormwater management approaches were discussed in the WUP application. The availability of feasible and prudent alternative locations and methods to accomplish stormwater management without impacting site wetlands was not discussed in the WUP application.

Section 22-157(2)(c) *The extent and permanence of the beneficial or detrimental effects which the proposed activity may have on the public and private uses to which the area is suited, including the benefits the wetlands provide.*

- Wetlands A and B provide the following functions and values: water storage, water quality improvement, groundwater recharge, wildlife habitat, and aesthetic value.
- The Applicant did not provide a cogent argument that the proposed stormwater management approach will maintain existing wetland hydrology and not adversely impact site wetlands. The potential exists that the introduction of additional stormwater into Wetland A will result in conversion of the wetland into a pond. The potential exists that Wetland B will become inundated to the extent that its trees will die, resulting in conversion from forested wetland to wetland meadow, emergent wetland, or pond.
- Conversion of wetland into ponds would result in a net loss of regulated Township wetlands, which is prohibited by the Township's Wetland Protection ordinance.
- The additional stormwater entering the wetlands due to site development is not expected to leave the wetlands to a significant extent through infiltration, because the wetlands have a high water table, as documented by Voice's wetland delineation. Adjustment of the wetlands' water budget to prevent conversion of wetland to a water body is therefore dependent upon dewatering the wetlands through appropriately designed outlet structures. Specifically, maintenance of appropriate wetland hydrology is dependent upon discharge through the outlet structure in Wetland A and the storm pipe between Wetland A and B. Sufficient detail was not supplied in the WUP application to ensure that the outlet structure and pipes would be set at appropriate elevations and had appropriate capacity to dewater the wetlands as needed to maintain wetland hydrology required for emergent wetland (Wetland A) and forested wetland (Wetland B).
- The stormwater detention outlet calculations identify the control of the first flush event for water quality management within the wetlands. This appears to be in addition to the sediment forebays.
- The stormwater management plans identify new wetland areas around the perimeter of the existing wetlands, without providing details to support how or why these areas would become wetland, or what type of wetlands would develop.

Section 22-157(2)(d) *The probable impact of each proposal in relation to the cumulative effect created by other existing and anticipated activities in the watershed.*

- There are no identified cumulative impacts of the proposed project.

Section 22-157(2)(e) *The probable impact on recognized historic, cultural, scenic, ecological, or recreational values and on the public health or safety, or fish or wildlife.*

- Introduction of additional stormwater into site wetlands may impair the existing functions and values of the wetlands, especially if the wetlands convert into open water bodies. Degraded wildlife habitat and impaired ecological value may result.
- No other impacts on recognized historic, cultural, scenic or recreational values are apparent for the proposed activities. In addition, no impacts on fish or public health or safety are apparent.

Section 22-157(2)(f) *Economic value, both public and private, of the proposed land change to the general township area.*

- The question of economic value associated with the proposed activity is beyond the scope of the issues FTCH was retained to address. Accordingly, FTCH offers no opinion, recommendations, or advice with respect to this criterium.

Section 22-157(2)(g) *The size and quality of the wetland being considered.*

- The proposed activities will result in stormwater being discharged into an approximately 4.78-acre marsh/forested wetland complex and an approximately 0.65-acre forested wetland.

Section 22-157(2)(h) *The findings of necessity for the proposed activity which have been made by other agencies.*

- FTCH is not aware of any findings of necessity for the proposed activity which have been made by other agencies.

Section 22-157(2)(i) *Amount of wetland remaining in the general area and proximity to a waterway.*

- According to the Township wetland map, Wetlands A and B are located approximately 500 feet and 100 feet (respectively) northwest of Township Wetland 4-22, a 47.75-acre wetland complex. The Costigan Drain, a designated county drain, flows through this wetland.
- Wetlands A and B are located approximately 1,800 feet north of the Costigan Drain. The Costigan Drain discharges into Lake Lansing via the Pine Lake Outlet Intercounty Drain.

Section 22-157(2)(j) *Proximity to any waterbody.*

- Lake Lansing is located approximately 0.9 mile east of Wetlands A and B.
- An approximately 3.8-acre pond is located approximately 0.25 mile north-northeast of Wetlands A and B.

Section 22-157(2)(k) *Extent to which upland soil erosion adjacent to the protected wetland is controlled.*

- A soil erosion and sedimentation control (SESC) plan was not submitted as part of the WUP application.
- Design details for the stormwater pipes and forebays were not provided to assure that appropriate measures would be implemented to curtail erosion resulting from stormwater flow.
- The potential exists that soil will erode as stormwater is discharged from the numerous stormwater forebays and flows into Wetland A and B and as it flows through a pipe between Wetland A and B.

## Recommendations

An essentiality determination should be completed to assess whether Wetland B provides essential functions as described in Section 22-156 of the Township wetland ordinance. If Wetland B provides essential functions, a wetland use permit will be required from the Township for regulated activities in the wetland.

Based upon our review of the submitted materials, it is our opinion that insufficient information was submitted in the WUP application to ensure that irreparable harm would not result to site wetlands from proposed stormwater discharge to the wetlands. This harm could result from:

- Altering wetland hydrology to the extent that the wetlands become ponds, instead of wetlands.
- Erosion from water discharging down the slopes between the numerous forebays to the wetlands, resulting in deposition of soil within the wetlands.

- Utilizing the wetlands for water quality treatment and not adequately addressing water quality treatment in the sediment forebays prior to discharging into the wetlands.

FTCH recommends the Applicant provide additional information to ensure the above harm would not result from the proposed project. This information may include design details pertaining to the forebays, storm pipes and outlet structure, and water budgets for site wetlands that reflect both before and after site development conditions. FTCH recommends that a WUP not be issued until the Applicant adequately addresses the concerns noted in this letter.

We appreciate the opportunity to assist in the review of this file. If you have any questions or require additional information, please contact me at 616.464.3738 or ehtripp@ftch.com.

Sincerely,

FISHBECK, THOMPSON, CARR & HUBER, INC.

A handwritten signature in black ink, reading "Elise Hansen Tripp". The signature is written in a cursive, flowing style.

Elise Hansen Tripp, PWS

pmb

By email

cc: Mr. Peter Menser – Township



**12.D**

**To: Township Board**

**From: Mark Kieselbach, Director of Community Planning and Development**  
**Peter Menser, Principal Planner**

**Date: November 29, 2018**

**Re: Newton Park MUPUD Wetland Essentiality Determination**

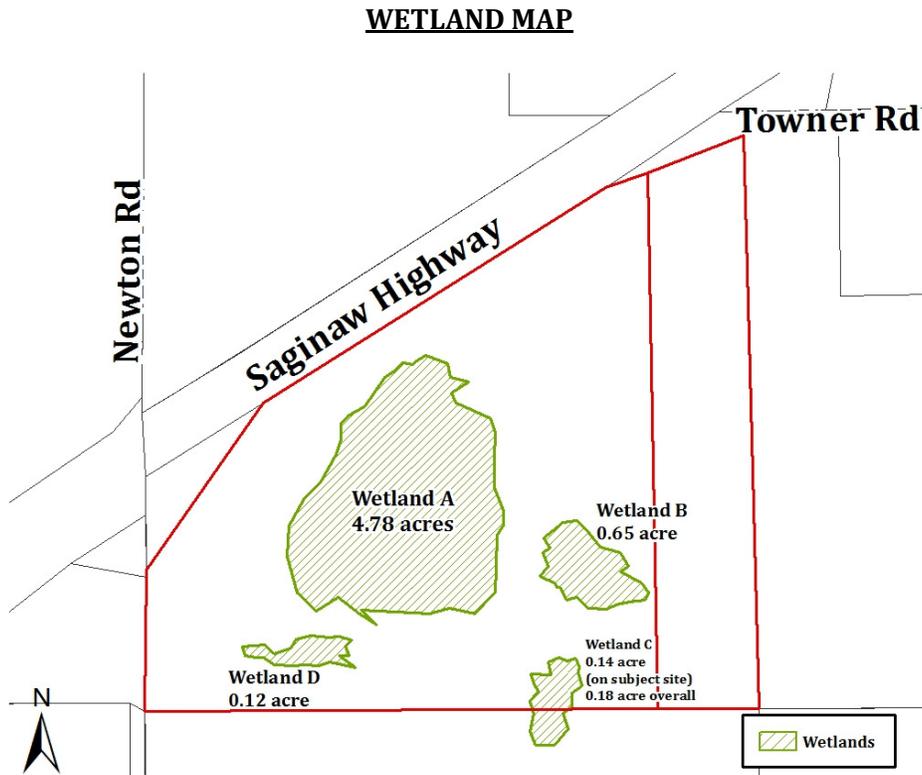
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Newton Pointe, LLC has submitted a mixed use planned unit development (MUPUD #18044) proposal for a project identified as Newton Park. The approximate 23.97 acre project site is located at the southeast corner of Saginaw Highway and Newton Road and includes the construction of a new 86,468 square foot mixed use building with 85 multiple family dwelling units and 19,367 square feet of commercial space, 10, 10-unit multiple family buildings, six, four-unit single family attached buildings, nine single family dwellings, and a 4,778 square foot clubhouse. A total of 218 units are proposed.

Four wetlands are located on the property proposed for development. A wetland delineation was conducted by the applicant's wetland consultant to determine the boundary, regulatory status, and size of the wetlands. The delineation was verified by the Township's wetland consultant in July of 2018. Township Wetland #4-19, labeled as Wetland A on the submitted plans, is 4.78 acres in size and is regulated by the Township. Two other wetlands, labeled as Wetlands C and D on the submitted plans, are not subject to Township regulation as they are under 0.25 acres in size.

A fourth wetland, labeled as Wetland B on the submitted plans, is 0.65 acres in size and is potentially subject to regulation by the Township. Section 22-156 of the Code of Ordinances requires the Township Board to determine whether a wetland greater than 0.25 acre in size but less than two acres in size is "essential to the preservation of the natural resources of the Township." If the wetland is determined to be essential, the wetland is regulated and subject to the provisions of the Wetland Protection Ordinance.

As part of the MUPUD, the applicant proposes to discharge stormwater from the development to Wetlands A and B. As Wetland A is regulated by the Township and Wetland B could potentially be regulated by the Township, a wetland use permitted is required. The wetland use permit (WUP #18-03) is being processed concurrently with the MUPUD and SUP requests. Wetland use permit applications submitted in conjunction with a related land development activity are decided by the same entity that decides the related land development activity, therefore the Township Board will make the decision regarding the wetland use permit. The Township Board will hold a public hearing on the wetland use permit request at the same time it holds its public hearing for the MUPUD.



The Township's wetland consultant has reviewed Wetland B to determine if it meets one or more of the 10 essentiality criteria established in the Wetland Protection Ordinance. Only one of the criteria has to be met in order to determine the wetland as essential. The consultant concludes that Wetland B is essential as it provides storm water control, wildlife habitat, and pollution treatment.

### **Township Board Options**

The Township Board may choose to agree or disagree with the Township's wetland consultant recommendation to determine Wetland B is essential to the natural resources of the Township. The following motion is provided to determine Wetland B is essential:

- **Motion to concur with the Township wetland consultant and determine Wetland B as essential to the preservation of the natural resources of the Township and therefore subject to regulation under the Wetland Protection Ordinance.**

### **Attachment**

1. Letter from Township wetland consultant Elise Tripp dated November 28, 2018.



November 28, 2018  
Project No. 181579

Mr. Mark Kieselbach  
Director of Community Planning and Development  
Charter Township of Meridian  
5151 Marsh Road  
Okemos, MI 48864-1198

Re: Letter of Essentiality  
Wetland Use Permit #18-03  
Newton Park MUPUD

Dear Mr. Kieselbach:

As requested by your office, Fishbeck, Thompson, Carr & Huber (FTCH) reviewed application materials from KEBS, Inc. regarding Wetland Use Permit #18-03 to discharge stormwater into two wetlands in Section 4 of the Charter Township of Meridian. The proposed stormwater discharge is in association with a proposed residential housing development located at 6276 Newton Road, Haslett, Michigan. One of the wetlands that would receive stormwater discharge is forested wetland less than 2 acres in size and greater than 0.25 acre in size. This wetland is noted as Wetland 4-20 on the Meridian Township's wetland inventory map and is referred to as Wetland B in the MUPUD Plan provided by KEBS.

Voice Environmental Group, LLC (Voice) delineated Wetland B's boundary in 2017, as described in its February 22, 2018 *Wetland and Jurisdiction Determination Report*. FTCH's subconsultant, Peterson Environmental, verified the wetland boundary on June 4, 2018, and adjusted the boundary. Additional adjustments were made to Wetland B's boundary as a result of additional field studies completed by Voice in late June.

The identified wetland is a depressional forested wetland that is approximately 0.7 acre in size and is not contiguous with a body of water. Therefore, a determination of essentiality is necessary to determine the regulated status of this wetland under Meridian Township's Wetland Ordinance.

The purpose of this letter is to relay to the Township FTCH's preliminary findings as to whether one or more of the essentiality criteria are likely to apply to the identified wetland. The criteria are listed below, followed by our assessment.

*(1) The wetland supports state or federal endangered or threatened plants, fish, or wildlife appearing on a list specified in Part 365 of the Natural Resources and Environmental Protection Act (MCL 324.36501 et seq.).*

- FTCH did not conduct a thorough inventory of species present within the wetland. However, data obtained by Voice indicated low plant diversity within Wetland B. Historic aerial photographs obtained from Google Earth indicate the surrounding area was farmed. It is unlikely Wetland B supports protected plant or fish species. FTCH has no knowledge of Wetland B supporting protected wildlife.

*(2) The wetland represents what is identified as a locally rare or unique ecosystem.*

- FTCH has no knowledge that this wetland has been identified as a locally rare or unique ecosystem.

*(3) The wetland supports plants or animals of an identified local importance.*

- No species of local importance have been identified in Wetland B.

*(4) The wetland provides groundwater recharge documented by a public agency.*

- FTCH is not aware that a public agency has documented this wetland as providing groundwater recharge.

*(5) The wetland provides flood and storm control by the hydrologic absorption and storage capacity of the wetland.*

- Wetland B is located in a topographical depression and receives and stores stormwater from the surrounding landscape. KEBS's has completed stormwater calculations which determined the stormwater capacity of Wetland B.
- Stormwater overflow from Wetland B potentially discharges to Wetland A (Meridian Township Wetland 4-19), located approximately 100 feet to the west. KEBS did not provide a topographic map of the site, which would verify the likelihood of this overflow.

*(6) The wetland provides wildlife habitat by providing breeding, nesting, or feeding grounds or cover for forms of wildlife or waterfowl, including migratory waterfowl and rare, threatened, or endangered wildlife species.*

- Based on Voice's wetland delineation report, Wetland B contains an open understory. It did not contain standing water during wetland delineation on July 17, 2017 but did contain standing water during the wetland boundary verification inspection on June 4, 2018. The presence of seasonal standing water in the spring suggests Wetland B is a vernal pool. Vernal pools provide important habitat for many wildlife species. Because vernal pools lack predatory fish populations, they provide critical breeding habitat for a host of forest-dwelling amphibians and invertebrates. Vernal pools support frogs, toads, salamanders, snakes, turtles, waterfowl, wetland birds, songbirds, and mammals.

*(7) The wetland provides protection of subsurface water resources and provision of valuable watersheds and recharging groundwater supplies.*

- The wetland provides a limited area (approximately 0.7 acre) of groundwater recharge storage.

*(8) The wetland provides pollution treatment by serving as a biological and chemical oxidation basin.*

- The wetland has the capacity to provide this service, although no sources of pollution within the surrounding area are evident.

*(9) The wetland provides erosion control by serving as a sedimentation area and filtering basin, absorbing silt and organic matter.*

- The wetland is surrounded by old fields. No sources of erosion were observed, but if they were present due to land disturbance, the wetland would act as a sedimentation area, due to its landscape position.

*(10) The wetland provides sources of nutrients in water food cycles and nursery grounds and sanctuaries for fish.*

- It is not likely that fish are present in this wetland because it does not contain standing water year-round and it is not contiguous with a body of water.

We conclude that Wetland B provides stormwater control by its hydrologic absorption and storage capacity, wildlife habitat and pollution treatment, and therefore is determined to be essential.

Mr. Mark Kieselbach  
Page 3  
November 28, 2018



If you have any questions or require additional information, please contact me at 616.464.3738, 616.446.2269, or [ehtripp@ftch.com](mailto:ehtripp@ftch.com).

Sincerely,

FISHBECK, THOMPSON, CARR & HUBER, INC.

A handwritten signature in black ink, reading "Elise Hansen Tripp". The signature is written in a cursive style with a large, stylized initial "E".

Elise Hansen Tripp, PWS

By email

cc: Mr. Peter Menser – Charter Township of Meridian



727 Lake Park Drive  
Boyne City, MI 49712

Bus (231) 582-3498  
Fax (231) 582-2300  
[www.voiceenv.com](http://www.voiceenv.com)

December 12, 2018

Mr. Mark Kieselbach  
Charter Township of Meridian  
5151 Marsh Road  
Okemos, MI 48864

Re: October 24, 2017 FTCH Wetland Use Permit #18-03 Application Review  
Newton Pointe, LLC  
Newton Park MUPUD

Dear Mr. Kieselbach:

As you are aware, on October 5, 2018, Newton Pointe, LLC submitted a Wetland Use Permit (WUP) application to the township, as well as various documents in support of that application, for the proposed Newton Park MUPUD project.

On October 24, 2018, Meridian Township Wetland Consultant Elise Tripp from Fishbeck, Thompson, Carr & Huber, Inc. (FTCH) provided you with a "Wetland Use Permit #18-03 Application Review" document which presented the following:

1. An **Overview of Proposed Wetland Impacts** in which Ms. Tripp provides a basic description of the two township-regulated wetlands present on the site and an overview of proposed wetland impacts,
2. A preliminary **Review of the WUP Application** as submitted in which she outlined various potential concerns and/or identified additional information she felt should be provided by the applicant, and
3. FTCH's **Recommendations** which are as follows:

"Based upon our review of the submitted materials, it is our opinion that insufficient information was submitted in the WUP application to ensure that irreparable harm would not result to site wetlands from proposed stormwater discharge to the wetlands. This harm could result from:

- Altering wetland hydrology to the extent that the wetlands become ponds, instead of wetlands.
- Erosion from water discharging down the slopes between the numerous forebays to the wetlands, resulting in deposition of soil within the wetlands.
- Utilizing the wetlands for water quality treatment and not adequately addressing water quality treatment in the sediment forebays prior to discharging into the wetlands.

FTCH recommends the Applicant provide additional information to ensure the above harm would not result from the proposed project. This information may include design details pertaining to the forebays, storm pipes and outlet structure, and water budgets for site wetlands that reflect both before and after site development conditions. FTCH recommends that a WUP not be issued until the Applicant adequately addresses the concerns noted in this letter.”

Accordingly, the purpose of this letter is to provide the Township and FTCH with as much of the additional information for the project as is possible at this point in time as well as a response to Ms. Tripp’s October 24<sup>th</sup> WUP Application Review to “ensure that irreparable harm would not result to site wetlands from proposed stormwater discharge to the wetlands.”

### **STORMWATER PLAN DETAILS & ADDITIONAL INFORMATION**

Subsequent to the receipt of Ms. Tripp’s October 24<sup>th</sup> letter/application review, the applicant, Newton Pointe, LLC, the project Engineer, KEBS, Inc. and the project environmental consultant, Voice Environmental, LLC, collectively reviewed her comments and potential concerns, as well as the additional information being requested.

It should be noted that some of the additional information being requested, specifically design details on the forebays, the storm pipe between Wetland A and B and the outlet structure cannot be fully designed without KEBS, Inc. “engineering” the entire site. While that it is possible to do that, it obviously involves a great deal of time and expense. As such, it realistically only makes sense to do that once the township’s Land Use Committee approves the proposed site plan, so that in the event that there are any changes to the plan the engineering design for the forebays, storm pipe and outlet do not have to be “engineered” twice.

Nonetheless, KEBS has developed and/or revised the following site plans and documents, which I am hereby submitting for the township’s review and consideration, to provide sufficient information to assure the township and FTCH that irreparable harm will not result to site wetlands:

1. An Existing Drainage Area map (Appendix A: Sheet 1 of 3),
2. A Proposed Drainage Area map (Appendix A: Sheet 2 of 3)
3. An updated MUPUD site plan, including the proposed stormwater management plan/system and some additional typical details (Appendix A: Sheet 3 of 3)
4. A Proposed Water Budget with an updated “Detention Requirement and Discharge Allowance for Small Sites” calculation spreadsheet for the project (Appendix B).

The purpose of the above site plans and Proposed Water Budget document is to provide the township and FTCH as much of the additional information being requested as possible and reasonable at this point in the design/site engineering process.

I have reviewed these plans and the Proposed Water Budget in detail in light of the various questions and concerns identified by Ms. Tripp and would like to provide the Township with the following summary and comments relative to the stormwater management plan and design details that are incorporated therein to avoid or minimize potential wetland impacts.

### **Existing Drainage Area and General Characteristics of Wetlands A and B**

The existing drainage area surrounding Wetland A (Meridian Township Wetland 4-19) and Wetland B (Meridian Township Wetland 4-20) is 15.01 acres (Appendix A: Sheet 1 of 3). Wetland A, at 4.78 acres in size, and Wetland B, at 0.746 acres in size, collectively occupy more than 36% of the existing drainage/local watershed area.

Wetland A is primarily an open marsh (which seasonally and/or periodically supports large areas of open water) with forested wetland located around segments of the perimeter. Wetland B is a relatively small forested wetland depression, dominated by red maple (*Acer rubrum*). Both wetlands are isolated (and in the case of Wetland A expansive) depressions in the local watershed with no inlets or outlets. As such, both are currently already functioning as stormwater detention/retention areas with seasonal and periodic surface and ground water inputs into both wetlands only dissipating via evaporation or infiltration into the ground over time.

### **Proposed Drainage Area of Wetlands A and B**

The proposed, post-development drainage area will be 23.22 acres, an increase of 8.01 acres (Appendix A: Sheet 2 of 3). As such, Wetlands A and B will collectively occupy approximately 24% of the proposed drainage area once the site is developed as proposed.

### **Proposed Stormwater Management Plan**

The proposed stormwater management plan/system has been specifically designed to ensure that:

- The introduction of additional stormwater into Wetland A will not “result in the conversion of this wetland into a pond”(although I would note, as indicated above, that portions of this wetland currently exist as open water at least for portions of the year),
- That Wetland B will not become inundated to the extent that its trees will die, resulting conversion from forested wetland to wetland meadow, emergent wetland, or pond, and perhaps just as important as the above two points,
- That water levels are managed such that there is enough water/water level fluctuations to maintain the existing wetland retention hydrological characteristics of both Wetlands A and Wetland B to support and maintain the existing open marsh of Wetland A and forested wetland of Wetland B.

To accomplish this, the applicant is proposing, as correctly noted by Ms. Tripp, to install a storm pipe between Wetland B and Wetland A and then construct an outlet structure at the southwest end of Wetland A to allow stormwater to discharge to the municipal stormwater system (Appendix B). The details and basis for this design are as follows:

Wetland B, with an upland/wetland boundary line that ranges approximately from 870.70' to 871.00' appears to be slightly higher than Wetland A, with an upland/wetland boundary line of the latter that varies from approximately 870.50 to 871.00'. Accordingly, as currently designed, a 12"-diameter, concrete "equalization" storm pipe from Wetland B to Wetland A will be installed at an elevation of approximately 870.00' to allow any additional drainage and/or stormwater that may enter Wetland B to overflow into the expansive Wetland A, which will be controlled by an outlet set at a slightly lower elevation, which, in turn, will allow any additional drainage and/or stormwater that may enter this wetland to outlet into the municipal stormwater system. The elevation of the outlet structure for Wetland A is currently designed to be at an elevation of 869.75', which is the elevation KEBS has calculated to be the water level of the existing wetland following back-to-back 100-year storm events under existing conditions (i.e. with no outlet).

### **Proposed Water Budget for Newton Park**

A Proposed Water Budget for Newton Park that was prepared by KEBS, Inc. staff is attached in Appendix C. A summary of their calculations and findings is as follows:

#### Existing Conditions

- Using an elevation of 868.90' as the lowest ground elevation in the subject wetlands, the storage volume available in the existing wetlands between 868.90' and 871.00' is 478,293 cft.
- With no outlet other than infiltration/evaporation (the existing condition), the water volume input resulting from back-to-back 100' storms would be 113,332 cft (or approximately 24% of the total available storage capacity).
- The resulting water level for the existing wetlands in this event, again under existing conditions (i.e. no outlet) and assuming the water level prior to the event was at or below the ground surface, would be at an elevation of 869.75'.

#### Proposed Conditions

- With a proposed outflow of 0.93 cfs (only 0.04 cfs/acre), KEBS has calculated the 100-year volume being added to the wetlands under the proposed conditions to be 154,166 cft (an increase of 40,832 cft from pre-development conditions).

- The resulting water level for the existing wetlands in this event, again under existing conditions (i.e. no outlet) and assuming the water level prior to the event was at or below the ground surface, would be at an elevation of 870.02’.
- Accordingly, the “impact” to the water level in wetlands **after a 100-year storm** would be an increase in elevation from 869.75 to 870.02, which is 0.27’ or **about 3 inches**. Obviously, the increase in water levels following more typical precipitation events would be substantially less.

## COMMENTS ON AND ADDITIONAL INFORMATION IN RESPONSE TO FTCH’S OVERVIEW OF PROPOSED WETLAND IMPACTS

### FTCH Comments

In Ms. Tripp’s October 24<sup>th</sup> Application Review, she provided the following basic characterization of Wetlands A and B and an overview of the proposed wetland impacts.

The proposed activities are located in Parcel Number 33-02-02-04-252-004 in the northeast quarter of Section 4, Town 4 North, Range 1 West, Ingham County, Michigan. The parcel is currently undeveloped and contains two wetlands greater than 0.25-acre in size:

- Wetland A, which is approximately 4.78 acres in size and primarily consists of open marsh. Forested wetland is located around the perimeter of the marsh. This wetland is designated at Wetland 4-19 on the Township wetland map.
- Wetland B, which is approximately 0.65-acre in size and consists of forested wetland. This wetland is designated at Wetland 4-20 on the Township wetland map.

**NOTE:** *Wetland B, based on the approved boundary, has been surveyed at 0.746 acres.*

The Applicant has submitted a WUP application to the Township requesting the following:

- Construct multiple housing units in upland.
- Maintain a 40-foot buffer between site development and Wetlands A and B.
- Discharge stormwater into Wetlands A and B via storm sewers and curb cuts.
- Construct forebays in upland at each stormwater outlet. Some of forebays will be constructed within the 40-foot wetland buffer near the wetland boundary and some would be constructed outside of it. The WUP application stated the forebays would be sized for the drainage area of each storm pipe and curb spillway. *No design details regarding the forebays were provided to FTCH (emphasis added).*
- Install a storm pipe between Wetlands A and B. The plan denotes forebay symbols at each end of the pipe. It appears the function of this pipe is to allow water to drain from Wetland B to Wetland A. *Design details regarding this structure were not provided to FTCH (emphasis added).*
- Construct an outlet structure at the southwest end of Wetland A to allow stormwater to discharge to the municipal stormwater system. *No plan details regarding the outlet were provided to FTCH. The stormwater detention calculations do size the outlet structure orifices to control the first flush and 100-year events (emphasis added).*

## Voice Environmental Comments and Response

While Ms. Tripp's overview is basically accurate, she included three comments (which I emphasized in italics above). Her comments and my response to each are as follows:

**Comment:** The WUP application stated the forebays would be sized for the drainage area of each storm pipe and curb spillway. No design details regarding the forebays were provided to FTCH.

**Response:** Conceptual plan and cross-sectional design details for the sediment forebays have been added to the updated MUPUD site plan contained in Appendix A (Sheet 3 of 3). While the exact sizing and designed details for each of the 12 forebays could be developed at this time, it would basically require "engineering" the entire site. Doing so at this point in the process, absent an approved site plan (which if modified from what is currently being proposed would require some or potentially all of the forebays to be re-designed), is not reasonable.

As indicated above, once the Township's Land Use Committee approves the site plan for the project, each of the forebays will be sized for the drainage area of each storm pipe and curb spillway. As such, the subject wetlands will not be used for the first flush water quality treatment but rather the entire first flush water quality treatment will occur in the upland-based sediment forebays prior to discharging into the wetlands.

**Comment:** Install a storm pipe between Wetlands A and B. The plan denotes forebay symbols at each end of the pipe. It appears the function of this pipe is to allow water to drain from Wetland B to Wetland A. Design details regarding this structure were not provided to FTCH.

**Response:** As indicated above, the elevation for this "equalization" storm pipe between wetlands A and B is currently proposed to be at 870.00', which is the approximate elevation of the approved upland/wetland boundary. By setting the pipe at this elevation, if the water level of Wetland B rises above this level it will discharge into Wetland A and allow the remaining water in Wetland B below this elevation to dissipate via evaporation and infiltration into the ground as is currently the case. Thus the existing hydrological regime and water level fluctuations that maintain this forested wetland community will be maintained.

Again, once the Township's Land Use Committee approves the site plan for the project, additional design details on this storm water pipe connection between Wetland A and Wetland B will be prepared and presented to the township along with the sediment forebay design details.

**Comment:** Construct an outlet structure at the southwest end of Wetland A to allow stormwater to discharge to the municipal stormwater system. No plan details regarding the outlet were provided to FTCH. The stormwater detention calculations do size the outlet structure orifices to control the first flush and 100-year events.

**Response:** Again, as indicated above, the elevation of the outlet structure is currently proposed to be at 869.75, which approximates the elevation of the upland/wetland boundary of Wetland A. It is 0.25' or 3 inches lower than the current design elevation of Wetland B, which again will allow excess water above 870.00' in wetland B to drain into Wetland A, as well as excess water above 869.75' in Wetland A to drain into the municipal storm water system. In both cases, this design is specifically intended to maintain the existing seasonal water levels and water level fluctuations currently present in both wetlands.

**NOTE:** As noted above, the design elevations for the storm pipe between Wetland A and Wetland B and the outlet from Wetland A are based on the elevations of the respective upland/wetland boundaries and the existing and proposed water budgets. They are specifically intended, as also noted above, to ensure that Wetland A will not be converted into a pond, that the trees in Wetland B do not die and the area becomes a pond or a marsh, but just as importantly, that neither wetland is dewatered to the point that they are adversely impacted from too little water.

With that said, I would note that these elevations are not “cast in stone” (which is another reason why final design details for these structures have not been provided). For instance, with a proposed outflow of 0.93 cfs (only 0.04 cfs/acre), the outlet from Wetland A could be lowered (as stormwater detention requirements allow up to 0.15 cfs/acre), if the township and/or FTCH felt it was desirable to do so, necessary to ensure that the area will not turn into a pond, or to otherwise encourage more scrub-shrub or forested wetland types in this wetland. The point again, is that once the Land Use Committee approves the site plan, and the Environmental Commission/FTCH provides their input on or evaluation of the outlet elevations proposed herein, final engineering of these structures can be completed and submitted to the township for final approval.

## **RESPONSE TO THE OCTOBER 24, 2018 FTCH “REVIEW OF WUP APPLICATION”**

In her October 24, 2018 “Wetland Use Permit #18-03 Application Review” letter, Ms. Tripp notes that “(t)he review standards used to evaluate WUP applications are found in Section 22-157 of Article IV (Wetland Protection) of Chapter 22 of the Township’s Code of Ordinances. WUPs are not to be issued unless the proposed activity is found to be in the public interest, the permit is necessary to realize the benefits from the activity, and the proposed activity is otherwise lawful in all respects. Section 22-157(2) lists eleven general criteria to be considered when evaluating whether or not a proposed activity is in the public interest.” Ms. Tripp then provided her evaluation of or comments on the proposed activity and/or information submitted with or missing from the original application according to each of the eleven criteria.

Accordingly, on behalf of Newton Pointe, LLC, I would like to provide the following discussion of each of the eleven general criteria listed in Section 22-157(2) that are to be considered when evaluating whether or not a proposed activity is in the public interest, including a response to Ms. Tripp’s October 24<sup>th</sup> comments where appropriate.

Section 22-157(2)(a) *The relative extent of the public and private need for the proposed activity.*

This site received approval for rezoning (#06050) to Commercial (C-2) by the Meridian Township Board on March 20, 2007. The approval for rezoning is conditioned on the site being developed under the Township's mixed use planned unit development ordinance and limiting the types of permitted uses and the residential density of the development. The purpose of the mixed use planned unit development (mixed use PUD) is to create more walkable pedestrian oriented developments by promoting and accommodating developments in rational mixed patterns that respect Meridian Township's transitional land use concept to protect, enhance and preserve natural resources.

Newton Park meets the Township's goals of a well-planned, integrated and high quality mixed use development project:

- It will enhance health and safety goals by meeting requirements for walkability, pedestrian orientation and high quality, durable, building materials.
- It will increase Township prosperity goals and citizen welfare by appreciated property values which will support necessary public services.
- It will actualize our cultural heritage through citizen pride in creative, new places to walk to, shop at and work in that retain a flavor of Meridian Township's rich history.
- It will enhance diversity goals with new types of residential uses in close-knit community design.
- It will improve our natural environment goal by mixed use development with incentives for more intensely landscaped buffers and open spaces designed to complement Township parks and green space plans.

Section 22-157(2)(b) *The availability of feasible and prudent alternative locations and methods to accomplish the expected benefits from the activity.*

As indicated above, the proposed stormwater management plan/system has been specifically designed to ensure that:

- The introduction of additional stormwater into Wetland A will not "result in the conversion of this wetland into a pond"(although I would note, as indicated above, that portions of this wetland currently exist as open water at least for portions of the year),
- That Wetland B will not become inundated to the extent that its trees will die, resulting conversion from forested wetland to wetland meadow, emergent wetland, or pond, and perhaps just as important as the above two points,
- That water levels are managed such that there is enough water/water level fluctuations to maintain the existing wetland retention hydrological characteristics of both Wetlands A

and Wetland B to support and maintain the existing open marsh of Wetland A and forested wetland of Wetland B

To accomplish this, the applicant is proposing to construct forebays in upland at each stormwater outlet. As indicated above, the forebays will be sized to hold and filter the first flush of the drainage area of each storm pipe and curb spillway it is receiving stormwater from, before discharging to the wetlands. Additionally, the applicant will install a storm/equalization pipe between Wetland B and Wetland A and then construct an outlet structure at the southwest end of Wetland A to allow stormwater to discharge to the municipal stormwater system (Appendix B), specifically allow any additional storm water input into these wetlands above the normal high water levels to drain from the wetlands to the municipal stormwater system consistent with storm water detention requirements.

### **Alternative locations**

One hypothetical alternative to utilizing the subject wetlands as part of the stormwater system would be to construct the entire system in uplands, i.e. construct stormwater detention basins in the upland that would handle both the first flush and 100-year storm events. While this alternative is certainly feasible, it clearly is not prudent from either an economic or an ecological perspective.

Wetlands A and B have a combined acreage of 5.526 acres, which is approximately 21% of the entire site and 24% of the drainage area of the proposed developed. Under this scenario, a number of detention basins would likely have to be constructed, further reducing the area available for the housing units and associated infrastructure. While this alternative is certainly feasible (as most alternatives are) it would likely destroy the economic viability of the project. As such, it clearly is not a prudent alternative for the applicant, especially when there are expansive wetlands on site that are already providing valuable and effective storm water detention, storage and water filtration functions, in addition to numerous other ecological benefits.

This hypothetical alternative is also not a prudent course of action from an ecological standpoint. If stormwater is collected from the developed site and channeled into multiple upland-based detention ponds, it would essentially eliminate a substantial amount of the water input into both Wetlands A and B, which would clearly alter their character and negatively impact their ecological value significantly.

Given the fact that this hypothetical alternative would have significant economic and ecological detriments, it was rejected. It clearly is far more feasible and prudent to utilize the existing wetlands as an integral part of the stormwater system as the applicant has proposed.

### **Alternative Methods or Designs**

In her October 24<sup>th</sup> review of the WUP application as submitted, Ms. Tripp expressed concern that the stormwater plan as originally submitted was “utilizing the wetlands for water

quality treatment and not adequately addressing water quality treatment in the sediment forebays prior to discharging into the wetlands.” The original plans did, in fact, contemplate limited filtration/treatment by the proposed forebays and utilizing the wetlands for both the first flush and 100-year storm events.

A primary reason that we have federal, state and local wetland protection statutes is precisely because wetlands do provide valuable water quality treatment functions (storage, sediment filtration, nutrient retention, etc). Wetlands A and B on this site are no exception as Ms. Tripp has noted, which is why, in my professional opinion, these wetlands are and should remain an integral part of the stormwater management/water quality treatment system. However, it is my opinion that it does make sense to design and size the sediment forebays such that they can receive and detain the first flush of storm events of the drainage areas feeding them to provide as much pre-treatment of stormwater prior to discharging into the wetlands as Ms. Tripp has suggested. Accordingly, it is the applicant’s and project engineer’s intent to do so in the final design for each of these structures.

In summary, the plan that has been proposed, as discussed and modified herein, is intended to maintain the existing hydrological regimes and water level fluctuation patterns and characteristic of both wetlands and to pretreat stormwater input into these wetlands such that adverse impacts to the wetlands is avoided or minimized to the maximum extent possible. It is my professional opinion that there are no feasible and prudent alternative locations or methods that would to accomplish stormwater management that would further avoid or minimize impacts to the subject wetlands. Since both wetlands are characterized by seasonal and periodic water fluctuations, the additional water input (managed and controlled as described herein) may actually result in a positive benefit to the character and diversity of these wetlands).

*Section 22-157(2)(c) The extent and permanence of the beneficial or detrimental effects which the proposed activity may have on the public and private uses to which the area is suited, including the benefits the wetlands provide.*

In her October 24<sup>th</sup> Application Review, Ms. Tripp noted that Wetlands A and B provide the following functions and values: Water storage, water quality improvement, groundwater recharge, wildlife habitat, and aesthetic value. I agree and it is precisely because of the capacity of these wetlands to provide these functions that they should be an integral part of the stormwater management plan.

As indicated herein, the proposed stormwater plan, including but not limited to the installation of 12 forebays that will capture and treat 100% of the first flush volume and the installation of outlets in both Wetlands A and B at design elevations to properly handle the additional water input to these wetlands, is specifically designed to maintain existing wetland hydrology and not adversely impact site wetlands, such that the functions listed are not negatively affect but rather enhanced.

The outlet elevations, as detailed above, are specifically designed such that the introduction of additional stormwater into Wetland A will NOT result in conversion of the wetland into a pond and to ensure that Wetland B will NOT become inundated to the extent that its trees will die, resulting in conversion from forested wetland to wetland meadow, emergent wetland, or pond. Just as importantly these elevations are intended to also ensure that sufficient water remains in each of the wetlands to allow the seasonal water level fluctuations that currently occur through evaporation and infiltration into the ground to continue.

Given the above design and measures there will be no “conversion of wetland into ponds that would result in a net loss of regulated Township wetlands,” which as Ms. Tripp has noted, “is prohibited by the Township’s Wetland Protection ordinance.”

Since neither wetland currently has any inlets or outlets, Ms. Tripp is correct in her statement that “adjustment of the wetlands’ water budget to prevent conversion of wetland to a water body is therefore dependent upon dewatering the wetlands through appropriate designed outlet structures.” The design elevations of those structures, and the basis for those design elevations, is outlined in detail above. KEBS, in consultation with Voice Environmental, has intentionally set these outlet structures at what we believe are the appropriate elevations based on the existing upland/wetland boundaries present. Furthermore, the final design of these structures, again, once the land use plan is approved, will ensure that these structures have the appropriate capacity to dewater the wetlands as needed to maintain wetland hydrology required for the emergent wetland (Wetland A) and the forested wetland (Wetland B).

In her review, Ms. Tripp indicated that “The stormwater detention outlet calculations identify the control of the first flush event for water quality management within the wetlands. This appears to be in addition to the sediment forebays.”

**Response:** As indicated above and in the submitted application, the sediment forebays and not the wetlands themselves will be designed to handle the first flush volumes.

Mr. Tripp also indicated that “the stormwater management plans identify new wetland areas around the perimeter of the existing wetlands, without providing details to support how or why these areas would become wetland, or what type of wetlands would develop.

**Response:** There are no new wetland areas that are being proposed to be created around the perimeter of the existing wetland or anywhere on the site.

*Section 22-157(2)(d) The probable impact of each proposal in relation to the cumulative effect created by other existing and anticipated activities in the watershed.*

I agree with Ms. Tripp that there are no identified cumulative impacts of the proposed project.

*Section 22-157(2)(e) The probable impact on recognized historic, cultural, scenic, ecological, or recreational values and on the public health or safety, or fish or wildlife.*

As I have indicated repeatedly above, the proposed stormwater plan has been intentionally designed such to account for and effectively control the introduction of additional stormwater into site wetlands such that they will not convert into open water bodies and the existing functions and ecological values of the wetlands are not impaired.

I agree with Ms. Tripp that no impacts on recognized historic, cultural, scenic or recreational values or impacts on fish, public health or safety are apparent for the proposed activities.

Section 22-157(2)(f) *Economic value, both public and private, of the proposed land change to the general township area.*

Newton Park is a financially-attractive and high-quality mixed use project proposed in the Township. It will meet the Township's goals of a safe, healthy and sustainable community.

- It will enhance incentives for investment by the ability to mix residential with commercial and office uses within the same development.
- It will provide specific community amenities.
- It will achieve creating attractive and commercially successful core areas through cooperative development projects with one or more land owners.
- It will encourage mitigation to lessen potential hazards associated with the location of a mixed use PUD.
- It will increase Township prosperity goals and citizen welfare by appreciated property values which will support necessary public services.

Section 22-157(2)(g) *The size and quality of the wetland being considered.*

The proposed activities will result in stormwater being discharged into an approximately 4.78-acre marsh/forested wetland complex (Wetland A) and an approximately 0.746-acre forested wetland (Wetland B). Both wetlands are currently provided stormwater

Section 22-157(2)(h) *The findings of necessity for the proposed activity which have been made by other agencies.*

Neither FTCH nor Voice Environmental is aware of any specific findings of necessity for the proposed activity which have been made by other agencies.

However, the Meridian Township Zoning Ordinance states that "planned unit developments shall, where feasible, provide for underground installation of utilities in both public ways and private extensions thereof. Provisions shall be made for construction of storm sewer facilities including grading, gutters, piping, and treatment of turf to handle storm waters, prevent erosion and the formation of dust. This could include the establishment of retention

basins in order to minimize storm water runoff. Utilities and maintenance of facilities shall be in accordance with the requirements and regulations of Meridian Charter Township.” The design we are proposing that incorporates the use of the on-site wetlands will meet Meridian Charter Township requirements and regulations.

Section 22-157(2)(i) *Amount of wetland remaining in the general area and proximity to a waterway.*

This consideration was adequately addressed in Mr. Tripp’s October 24<sup>th</sup> application review, in which she noted the following:

- According to the Township wetland map, Wetlands A and B are located approximately 500 feet and 100 feet (respectively) northwest of Township Wetland 4-22, a 47.75-acre wetland complex. The Costigan Drain, a designated county drain, flows through this wetland.
- Wetlands A and B are located approximately 1,800 feet north of the Costigan Drain. The Costigan Drain discharges into Lake Lansing via the Pine Lake Outlet Intercounty Drain.

Section 22-157(2)(j) *Proximity to any waterbody.*

This consideration was also adequately addressed in Mr. Tripp’s October 24<sup>th</sup> application review, in which she noted the following:

- Lake Lansing is located approximately 0.9 mile east of Wetlands A and B.
- An approximately 3.8-acre pond is located approximately 0.25 mile north-northeast of Wetlands A and B.

Section 22-157(2)(k) *Extent to which upland soil erosion adjacent to the protected wetland is controlled.*

In her application review, Ms. Tripp noted the following:

- A soil erosion and sedimentation control (SESC) plan was not submitted as part of the WUP application.

**Response:** This is true. The SESC plan and application will be prepared and submitted once the Townships Land Use Committee has approved the site plan and final site engineering, including but not limited to the requested design details for the forebays, equalization pipe between Wetlands A and B, and the outlet from Wetland A, has been completed.

- Design details for the stormwater pipes and forebays were not provided to assure that appropriate measures would be implemented to curtail erosion resulting from stormwater flow.

**Response:** This is also true. As indicated above, these design details will be provided once the Townships Land Use Committee has approved the site plan and final site engineering, including but not limited to the requested design details for the forebays, equalization pipe between Wetlands A and B, and the outlet from Wetland A, has been completed. Clearly, all required and appropriate temporary and permanent soil erosion control measures (silt fences, temporary cover crops, permanent vegetative cover, geotextile fabric and riprap, etc.) will be utilized and included in the final design as appropriate.

- The potential exists that soil will erode as stormwater is discharged from the numerous stormwater forebays and flows into Wetland A and B and as it flows through a pipe between Wetland A and B.

**Response:** While the potential for erosion from stormwater discharge exists on any site or project, appropriate and effective soil erosion control measures (both temporary and permanent) will be utilized as required and/or appropriate to ensure that soil will not erode as stormwater is discharged from the numerous forebays into Wetlands A and B or as it flows through the pipe between Wetlands A and B.

### **RESPONSE TO THE FTCH's "RECOMMENDATIONS"**

In the Recommendations section of her October 24<sup>th</sup> Application Review, and as noted at the beginning of this letter/application review response, Ms. Tripp indicated that insufficient information was submitted in the original WUP application to ensure that irreparable harm would not result to the site wetlands from proposed stormwater discharge to the wetlands.

Understanding that there are additional design details that still need to be prepared and submitted to the Township/FTCH for their review and approval, which will be done as soon as the Township's Land Use Committee approves the site plan for the project, it is my professional opinion that this document, the updated stormwater plans, design details and calculations presented herein have clearly documented that irreparable harm will not result to the wetlands on the site. Specifically:

- Wetland hydrology will not be altered to the extent that the wetlands become ponds, instead of wetlands.
- Appropriate erosion control measures for all of the water control structures that will be discharging water down the slopes between the numerous forebays to the wetlands will be undertaken and as such, will prevent the deposition of soil within the wetlands.
- The stormwater management plan as updated and detailed herein proposes and adequately addresses water quality treatment in the sediment forebays prior to discharging into the wetlands.

**REQUEST FOR WUP APPROVAL FROM THE  
MERIDIAN TOWNSHIP ENVIRONMENTAL COMMISSION**

Given the updated and/or additional information, site plans, design details and water budget calculations presented in this document which demonstrate that “irreparable damage to the wetlands will not occur,” Newton Pointe, LLC is respectfully requesting approval of their pending Wetland Use Permit (WUP) application to:

- Discharge stormwater into Wetlands A and B via storm sewers and curb cuts.
- Construct forebays in upland at each stormwater outlet, with the forebays providing sufficient capacity for 100% of the first flush volume. Some of forebays will be constructed within the 40-foot wetland buffer near the wetland boundary and some would be constructed outside of it.
- Install a 12” equalization storm pipe between Wetlands A and B.
- Construct an outlet structure at the southwest end of Wetland A to allow stormwater to discharge to the municipal stormwater system.

As indicated above, final design details and/or elevations for all of the proposed structures will of course be prepared and submitted for review and approval by the Township/FTCH once the Meridian Township Land Use Committee has approved the proposed site plan for the project and site.

If you have any questions, please do not hesitate to contact me.

Sincerely,

**VOICE ENVIRONMENTAL GROUP, LLC**



Steven P. Voice, MS, PWS, CSE  
Senior Ecologist & Regulatory Specialist

Enclosures: 2 Appendices

cc: C. Holman  
R. Uppal  
J. Kyes  
G. Petru

**APPENDIX A.**

**Updated/Additional Site Plans for WUP Permit Application #18-03**

**Sheet 1 of 3:** Map of Existing Drainage Area to Wetlands A and B

**Sheet 2 of 3:** Map of Proposed (Post-Development) Drainage Area to Wetlands A and B

**Sheet 3 of 3:** Updated MUPUD Plan



# Newton Park MUPUD

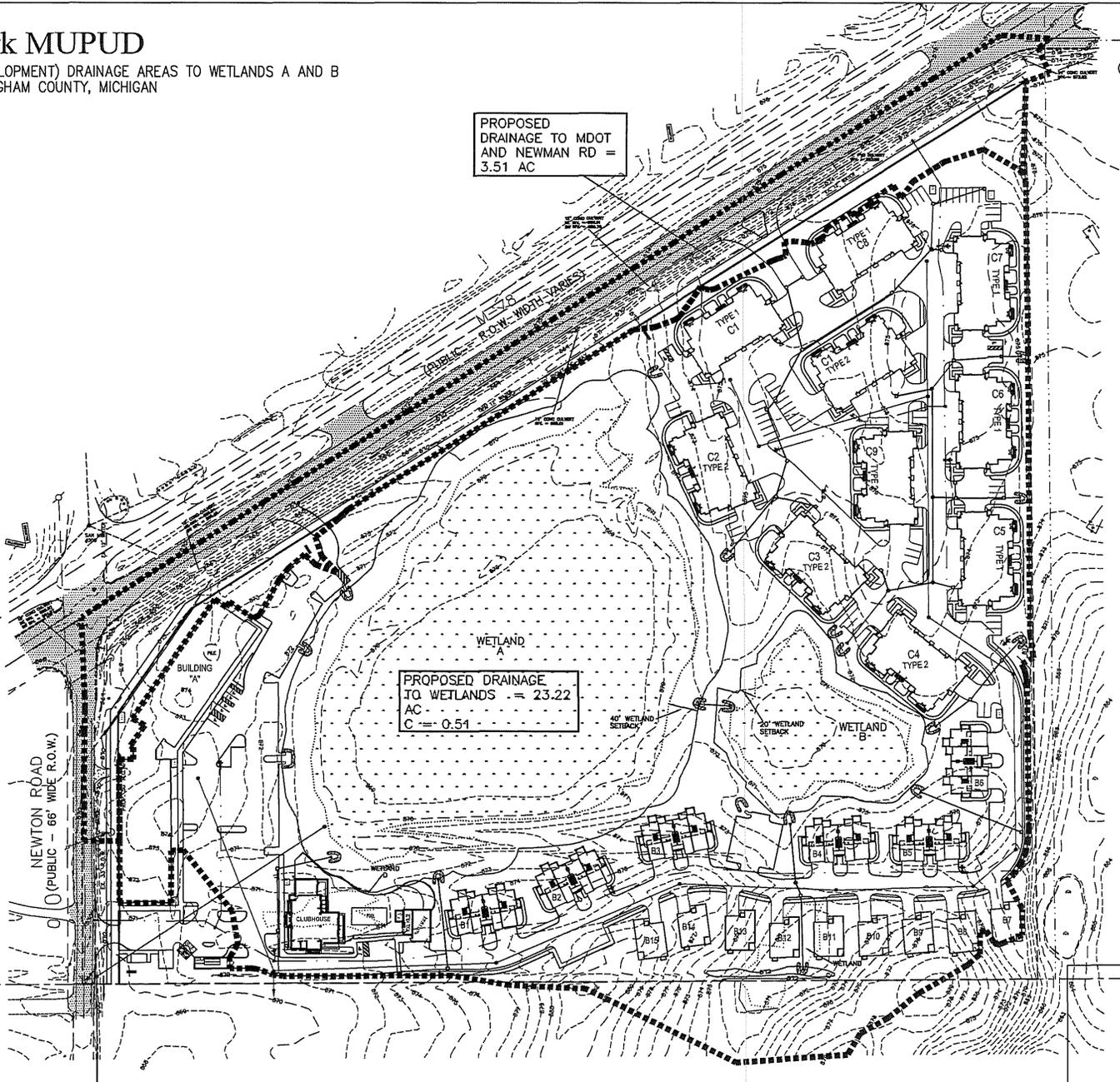
PROPOSED (POST-DEVELOPMENT) DRAINAGE AREAS TO WETLANDS A AND B  
 MERIDIAN TOWNSHIP, INGHAM COUNTY, MICHIGAN

TOWNER ROAD  
 (PUBLIC - 66' WIDE R.O.W.)

PROPOSED  
 DRAINAGE TO MDOT  
 AND NEWMAN RD =  
 3.51 AC

PROPOSED DRAINAGE  
 TO WETLANDS = 23.22  
 AC  
 C = 0.51

NEWTON ROAD  
 (PUBLIC - 66' WIDE R.O.W.)



REVISIONS	KEBS, INC.	KYES ENGINEERING
11-28-17	DESIGN	BRYAN LAND SURVEYS
11-28-17	DESIGN	2118 HALEY ROAD, HALEY, MI 48840
11-28-17	DESIGN	PH: 917-338-0918 FAX: 917-338-8047
11-28-17	DESIGN	Meridian Office
11-28-17	DESIGN	Ph: 202-781-9990
11-28-17	DESIGN	
<b>Newton Park MUPUD</b>		
PROPOSED DRAINAGE PLAN		
SCALE: 1" = 40'	DESIGNER:	APPROVED BY:
DATE: 11-22-17	PROJECT MGR:	LINE
AUTHORIZED BY:	LINE	SHEET 2 OF 3
DTN MANAGEMENT COMPANY	92227	



**APPENDIX B.**

**Proposed Water Budget for Newton Park MUPUD project**  
Newton Pointe, LLC, WUP Permit Application #18-03

## Proposed Water Budget for Newton Park:

Existing Runoff to Wetland 'A' and 'B': 15.01 Acres

Existing 'C' Coefficient: 0.20

**First Flush Volume** =  $(3,630 \times A \times C) = 3,630 \times 15.10 \times 0.20 = 10,897$  CFT

**Channel Protection Volume** =  $(8784.6 \times A \times C) = 8784.6 \times 15.10 \times 0.20 = 26,371$  CFT

**100-Year Volume** = 56,666 CFT (See Spreadsheet)

### Volume Available in existing Wetlands:

868.90	0	0
869.0	112,904 sf	3,759 cft (Volume from 868.9 to 869.0)
870.0	178,175 sf	145,540 cft (Volume from 869.0 to 870.0)
871.0	479,810 sf	<u>328,994 cft</u> (Volume from 870 to 871.0)
	<b>Total Volume Available =</b>	<b>478,293 cft</b>

With no outlet other than infiltration/evaporation, etc. use back to back 100-Year Volumes to determine maximum water level in the wetland area under existing conditions.  $V = 56,666 \times 2 = 113,332$  cft

**Water Level for Existing Wetland =  $869.0 + (113,332 - 3,759)/(145,540) = 869.75$**

**Proposed Water Budget for Newton Park (Continued):**

Proposed Runoff to Wetland 'A' and 'B': 23.22 Acres  
Proposed 'C' Coefficient: 0.51

**First Flush Volume** =  $(3,630 \times A \times C) = 3,630 \times 23.22 \times 0.51 = 42,987 \text{ CFT}$

**Channel Protection Volume** =  $(8784.6 \times A \times C) = 8784.6 \times 23.22 \times 0.51 = 104,029 \text{ CFT}$

**100-Year Volume** = 154,166 CFT (See Spreadsheet, only using 0.04 cfs/acre as allowable outflow)

Volume Available in existing Wetlands:

868.90	0	0
869.0	112,904 sf	3,759 cft (Volume from 868.9 to 869.0)
870.0	178,175 sf	145,540 cft (Volume from 869.0 to 870.0)
871.0	479,810 sf	<u>328,994 cft</u> (Volume from 870 to 871.0)
	<b>Total Volume Available =</b>	<b>478,293 cft</b>

With a proposed outflow of 0.93 cfs (Only 0.04 cfs/acre), use the 100-Year Volume to determine maximum water level in the wetland area under proposed conditions.  $V = 154,166 \text{ cft}$

**Water Level for Existing Wetland =  $870.0 + (154,166 - 3,759 - 145,540) / (328,994) = 870.02$**

**Summary:** The wetland water budget was compared with existing conditions and proposed conditions. The volume increase was determined to be 40,834 cft when we used a runoff of 0.04 cfs/acre. Ingham County will generally allow 0.15 cfs/acre to be allowable, but we have reduced this to utilize the large wetland area. Using the above data, the increase to the wetland would be from an elevation of 869.75 to 870.02, or 0.27', or about 3".

*Detention Requirement and Discharge Allowance for Small Sites*

**EXISTING CONDITIONS**

Storm Outlet: Existing Wetland 'A' and 'B' Existing "C" Value 0.20  
 Job Name: Newton Park Proposed "C" Value 0.20  
 Job Number: 92272 Maximum Allowable Outflow (CFS) 0.00  
 Drainage Area (Acres) 15.01 Storm Recurrence Interval (Yrs) 100

Duration	A Rainfall (Per NWS Bulletin 71)	B 100% Runoff	C Runoff "C"	D Runoff (Ac.-Ft.)	E Outflow (Ac.-Ft.)	F Storage (Ac.-Ft.)
20 min.	1.57	1.964	0.20	0.393	0.000	0.393
30 min.	1.92	2.402	0.20	0.480	0.000	0.480
40 min.	2.10	2.627	0.20	0.525	0.000	0.525
1 hr.	2.44	3.052	0.20	0.610	0.000	0.610
2 hr.	3.02	3.778	0.20	0.756	0.000	0.756
3 hr.	3.33	4.165	0.20	0.833	0.000	0.833
4 hr.	3.52	4.403	0.20	0.881	0.000	0.881
5 hr.	3.71	4.641	0.20	0.928	0.000	0.928
6 hr.	3.90	4.878	0.20	0.976	0.000	0.976
8 hr.	4.11	5.141	0.20	1.028	0.000	1.028
10 hr.	4.30	5.379	0.20	1.076	0.000	1.076
12 hr.	4.52	5.654	0.20	1.131	0.000	1.131
18 hr.	4.89	6.117	0.20	1.223	0.000	1.223
24 hr.	5.20	6.504	0.20	1.301	0.000	1.301

- A) Inches of Rainfall: The numbers provided are taken from the National Weather Service Bulletin #71
- B) 100% Runoff for 15.01 Acres: Divide inches of rainfall by 12 and multiply by number of acres.
- C) Proposed % Runoff: Insert selected "C" value. "C" value of the total site can be adjusted as a ratio of impervious area, plus 0.05 for vacant area.
- D) Runoff: Multiply 100% runoff value by "C" value.
- E) Outflow: Multiply outflow in cfs by duration in hours, then by 3600 and divide by 43,560.
- F) Storage Required: Subtract Outflow from Runoff. Storage value will increase to a peak value and then decrease. The peak (largest) value for storage should be used.

\* Maximum allowable Outflow (CFS)  $Q=CA (C_{exist})$   $Q(CFS)= 0$

KEBS INC. 2116 Haslett Road Haslett, MI 48840 (517) 339-1014	Runoff Detention (cft): 56666 * MULTIPLY BY 2 FOR BACK TO GALE EVENT FOR RETENTION	By: gp	Date: 11/2/2018
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= 113332 cft

*Detention Requirement and Discharge Allowance for Small Sites*

**PROPOSED CONDITIONS**

Storm Outlet:	<u>Existing Wetland 'A' and 'B'</u>	Existing "C" Value	<u>0.20</u>
Job Name:	<u>Newton Park</u>	Proposed "C" Value	<u>0.51</u>
Job Number:	<u>92272</u>	Maximum Allowable Outflow (CFS)	<u>0.93</u>
Drainage Area (Acres)	<u>23.22</u>	Storm Recurrence Interval (Yrs)	<u>100</u>

Duration	A Rainfall (Per NWS Bulletin 71)	B 100% Runoff	C Runoff "C"	D Runoff (Ac.-Ft.)	E Outflow (Ac.-Ft.)	F Storage (Ac.-Ft.)
20 min.	1.57	3.038	0.51	1.549	0.026	1.524
30 min.	1.92	3.715	0.51	1.895	0.038	1.856
40 min.	2.10	4.064	0.51	2.072	0.051	2.021
1 hr.	2.44	4.721	0.51	2.408	0.077	2.331
2 hr.	3.02	5.844	0.51	2.980	0.154	2.827
3 hr.	3.33	6.444	0.51	3.286	0.231	3.056
4 hr.	3.52	6.811	0.51	3.474	0.307	3.166
5 hr.	3.71	7.179	0.51	3.661	0.384	3.277
6 hr.	3.90	7.547	0.51	3.849	0.461	3.388
8 hr.	4.11	7.953	0.51	4.056	0.615	3.441
10 hr.	4.30	8.321	0.51	4.243	0.769	3.475
12 hr.	4.52	8.746	0.51	4.461	0.922	3.538
18 hr.	4.89	9.462	0.51	4.826	1.383	3.442
24 hr.	5.20	10.062	0.51	5.132	1.845	3.287

- A) Inches of Rainfall: The numbers provided are taken from the National Weather Service Bulletin #71
- B) 100% Runoff for 23.22 Acres: Divide inches of rainfall by 12 and multiply by number of acres.
- C) Proposed % Runoff: Insert selected "C" value. "C" value of the total site can be adjusted as a ratio of impervious area, plus 0.05 for vacant area.
- D) Runoff: Multiply 100% runoff value by "C" value.
- E) Outflow: Multiply outflow in cfs by duration in hours, then by 3600 and divide by 43,560.
- F) Storage Required: Subtract Outflow from Runoff. Storage value will increase to a peak value and then decrease. The peak (largest) value for storage should be used.

\* Maximum allowable Outflow (FCS)  $Q = 0.04 \text{ CFS/ACRE}$   $Q(\text{CFS}) = 0.93$

KEBS INC. 2116 Haslett Road Haslett, MI 48840 (517) 339-1014	Runoff Detention (cft):	By:	Date:
	154126	gp	11/2/2018



January 3, 2019  
Project No. 181579

Mr. Mark Kieselbach  
Charter Township of Meridian  
5151 Marsh Road  
Okemos, MI 48864

Re: Review of Voice Environmental Group, LLC Response Letter  
Wetland Use Permit (WUP) #18-03 Application  
Newton Pointe, LLC  
Newton Park MUPUD

Dear Mr. Kieselbach:

FTCH has reviewed a letter and associated site and drainage plans and calculations from Voice Environmental Group, LLC (Voice), dated December 12, 2018. This information was submitted to the Township of Meridian (Township) in response to FTCH's October 24, 2018, *Wetland Use Permit #18-03 Application Review*.

In our prior review, we concluded that insufficient information was submitted in the WUP application to ensure that irreparable harm would not result to site wetlands from proposed stormwater discharge to the wetlands. This harm could result from:

- Altering wetland hydrology to the extent that the wetlands become ponds, instead of wetlands.
- Erosion from water discharging down the slopes between the numerous forebays to the wetlands, resulting in deposition of soil within the wetlands.
- Utilizing the wetlands for water quality treatment and not adequately addressing water quality treatment in the sediment forebays prior to discharging into the wetlands.

FTCH recommended Newton Pointe, LLC (the Applicant) provide additional information to ensure the above harm would not result from the proposed project. This information may include design details pertaining to the forebays, storm pipes and outlet structure, and water budgets for site wetlands that reflect both before and after site development conditions. In response to this request, Voice submitted:

- An existing Drainage Area Map
- A proposed Drainage Area Map
- An updated MUPUD site plan, including the proposed stormwater management plan and typical details for stormwater features (i.e. level spreader, preformed scour hole, and rock barrier overflow)
- A proposed water budget with an updated "Detention Requirement and Discharge Allowance for Small Sites" calculation spreadsheet for the project.

Voice noted that final engineering design details for stormwater forebays, the storm pipe between Wetlands A and B, and the outlet structure would not be prepared until the Township Land Use Committee approves the proposed site plan. The Applicant wishes to avoid engineering the site twice and noted the Township may request changes to the site plan that impact the above noted stormwater control structures.

Voice confirmed the following design details that address FTCH's wetland impact concerns:

- Twelve stormwater forebays will be constructed in upland at each stormwater outlet. The forebays will be designed after the Township approves the site plan to provide sufficient capacity for 100 percent of the first flush volume of stormwater. Some of the forebays will be constructed within the 40-foot wetland buffer near the wetland boundary and some would be constructed outside it.

- A 12-inch diameter wetland equalizer culvert will be installed between Wetlands A and B to ensure stormwater flow from Wetland B to Wetland A and to avoid excessive ponding in Wetland B that could be detrimental to the forested wetland plant community. It is FTCH's opinion that a 12-inch diameter pipe is too small and will be prone to clogging. As a result, water could become trapped within Wetland B at a depth and duration in excess of the existing conditions, resulting in subsequent tree mortality in the forested wetland. An 18-inch minimum diameter pipe would be more appropriate; it is the pipe size recommended by the Michigan Department of Environmental Quality for wetland equalizer pipes.
- The proposed elevation of the wetland equalization pipe is 870 feet. Based upon the Existing Drainage Area Map, the overall approximate elevation of the wetland boundary in Wetlands A and B is between 870.5 and 871 feet. The wetland boundary elevation at the east end of the equalizer pipe (in Wetland B) is approximately 870.75 feet. Setting the equalization pipe at 870 feet would ensure drawdown of stormwater in Wetland B to ensure wetland hydrology is maintained at existing depths and duration of inundation. Refined engineering drawings are needed to indicate the installation of the equalization pipe at this elevation.
- The updated water budget indicated the water level in the wetlands after a 100-year storm would increase 0.27 foot (approximately 3 inches). Voice did not indicate the anticipated drawdown time within the wetlands.

Based upon the above information, FTCH recommends the Township issue a WUP for the proposed project with the following conditions:

1. The Applicant must submit the final engineering design for stormwater forebays, the storm pipe between Wetlands A and B, and the outlet structure to the Township for Township approval prior to Site development to ensure these features are engineered appropriately to ensure no harm to Site wetlands (i.e. maintenance of appropriate wetland hydrology and stormwater management).
2. Due to increased runoff into the wetlands, as a result of the proposed impervious surfaces and increased drainage area to the wetlands, we recommend that the stormwater outlet be sized for a discharge rate that will dewater the 100-year storm event within 24 hours, with the understanding that the acceptable discharge rate must meet Meridian Township engineering standards and not cause harmful interference to the downstream receiving waters.
3. Stormwater forebays must be constructed outside the 40-foot wetland buffer to the greatest extent possible and must not extend into the wetlands.
4. A minimum 18-inch diameter wetland equalization storm pipe must be installed between Wetlands A and B, not a 12-inch diameter pipe. The pipe should be installed at an elevation of 870 feet.

We appreciate the opportunity to assist in the review of this file. If you have any questions or require additional information, please contact me at 616.464.3738 or ehtripp@ftch.com.

Sincerely,

FISHBECK, THOMPSON, CARR & HUBER, INC.



Elise Hansen Tripp, PWS

pmb

By email

cc: Mr. Peter Menser – Township



11.C. & 13.D.

**To: Township Board Members**

**From: Derek N. Perry, Assistant Township Manager  
Director of Public Works & Engineering**

**Younes Ishraidi, P.E.  
Chief Engineer**

**Date: March 19, 2019**

**Re: Grand River Avenue Public Water Main Improvement SAD #49  
Public Hearing**

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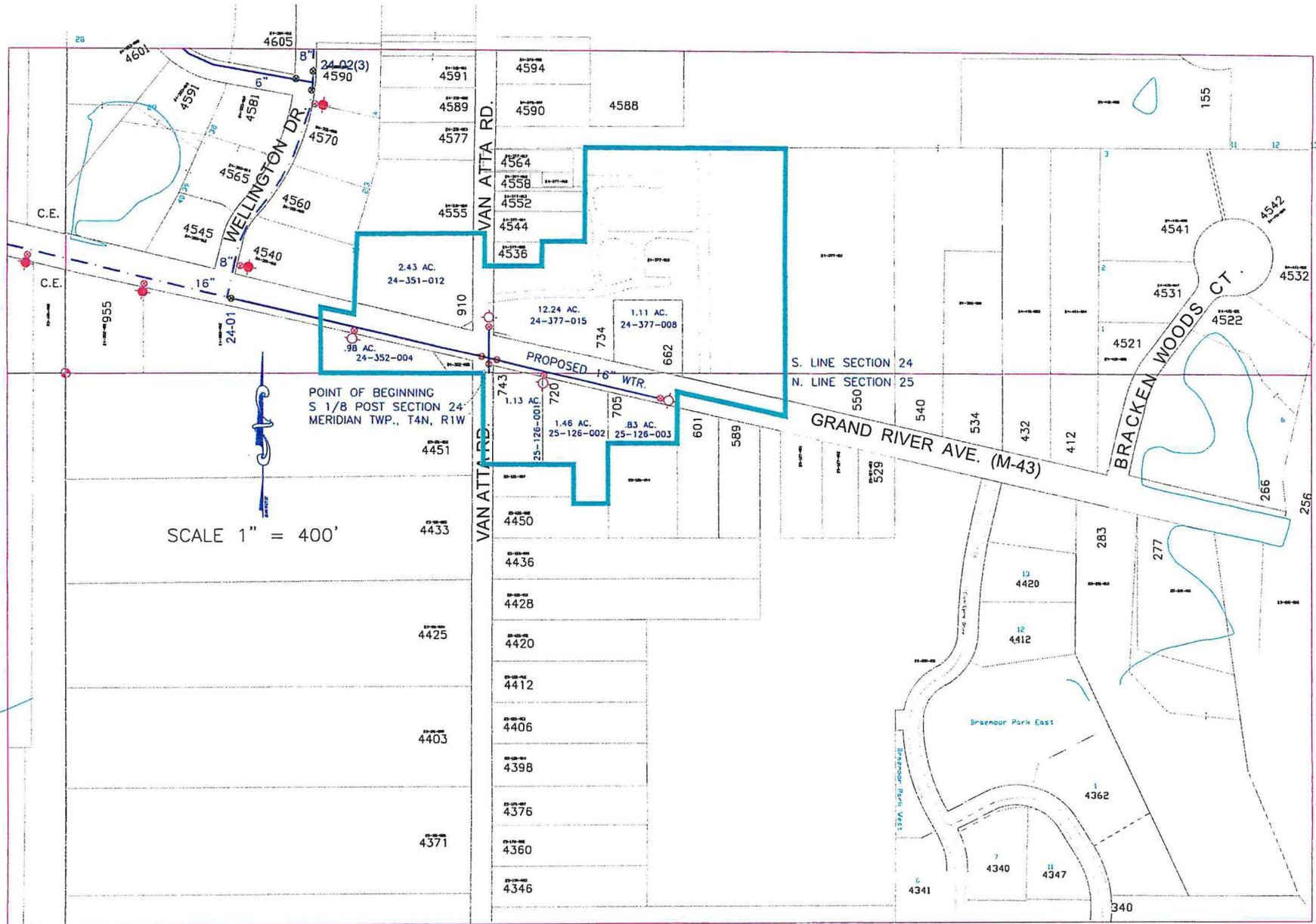
On October 3, 2017, the Township Board adopted Resolution #3, which approved the construction of the water main improvement along Grand River Avenue, approved the plans and cost estimate, determined the district, and directed an assessment roll be made.

The project has been completed, at a final cost of \$311,498.30. On February 19, 2019 Resolution #4 was approved which set the final assessments for seven (7) parcels, and set the public hearing, for the final roll, for March 19, 2019.

The public hearing is to hear comments in favor and/or objections to the proposed Grand River Avenue Water Main Special Assessment District #49 special assessment roll.

Attachment

# GRAND RIVER AVENUE (M-43) PUBLIC WATER MAIN IMPROVEMENT SAD #49



	Parcel #	Acrage	Signed Petition	Address	Mailing Address					Assessment	Proposed Final Assessment
					Primary Name	Street Address	City	ST	Zip		
1	3-02-02-24-351-01	2.43	YES	110 Grand River Avenue	D Venture LLC/ Winslow	3000 Town Center, Ste. 540	Southfield	MI	48075	\$32,873.64	\$37,509.46
2	3-02-02-24-352-00	0.98	NO		Horrocks	7420 W Saginaw HWY	Lansing	MI	48917	\$13,257.68	\$15,127.27
3	3-02-02-24-377-00	1.11	NO	662 Grand River Avenue	Spagnola Silvana	1260 Trotters Lane	Williamston	MI	48895	\$15,016.35	\$17,133.95
4	3-02-02-24-377-01	12.24	YES	734 Grand River Avenue	D Venture LLC/ Winslow	3000 Town Center, Ste. 540	Southfield	MI	48075	\$165,585.73	\$188,936.53
5	3-02-02-25-126-00	1.13	YES	743 Grand River Avenue	Pike Enterprises Inc.	850 Merlin Way	Dexter	MI	48130	\$15,286.92	\$17,442.67
6	3-02-02-25-126-00	1.46	YES		Pike Enterprises Inc.	850 Merlin Way	Dexter	MI	48130	\$19,751.24	\$22,536.55
7	3-02-02-25-126-00	0.83	YES	693 Grand River Avenue	Minor Creations Inc.	693 Grand River Avenue	Okemos	MI	48864	\$11,228.44	\$12,811.87
		<b>20.18</b>								<b>\$273,000.00</b>	<b>\$311,498.30</b>



**To: Township Board**

**From: Mark Kieselbach, Director of Community Planning and Development**

**Date: March 14, 2019**

**Re: Redi-Ride Millage**

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The Transportation Commission's recommendation to renew and restore the previously authorized .2 mills to maintain the Redi-Ride service was discussed at the last Board meeting on March 5, 2019. As part of the Transportation Commission's recommendation they suggested the Board consider a shorter length of time for the millage, possibly five (5) years, to allow for changing transit options, services, and technological innovations. The Transportation Commission also recommended a new Service Agreement be negotiated with the provider to ensure accountability and reflect changing service needs. A motion consistent with the Transportation Commission recommendation has been provided for the Board's consideration.

**Move the Township Board renew and restore the previously authorized .2 (2/10) mills to maintain the Redi-Ride service for a period of five (5) years and have the Township Manager and Township Attorney draft the appropriate ballot language subject to the Township Board's approval and to authorize the Township Manager to negotiate a new Service Agreement with the Capital Area Transportation Authority (CATA) including the provisions recommended by the Transportation Commission. The new Service Agreement shall be approved by the Township Board prior to July 31, 2019.**

**Attachment**

1. 2018 Service Agreement
2. Transportation Commission Resolution

G:\CommunityPlanning & Development\Planning\TRANSPORTATION COMMISSION\REDI-RIDE\Redi-Ride Millage.tb2.doc

## REDI-RIDE SERVICE AGREEMENT

This Agreement is made this 20 day of June, 2018, between THE CHARTER TOWNSHIP OF MERIDIAN (the "Township"), and CAPITAL AREA TRANSPORTATION AUTHORITY ("CATA").

### RECITALS:

- A. CATA provides public transportation services within its service area of Eaton, Ingham, and Clinton Counties and has been providing redi-ride services within the Township in accordance with letter agreements between CATA and the Township dated May 19, 2000, and August 11, 2004 (the "Letter Agreements").
- B. On February 19, 2018, at the direction of the Township, CATA began providing redi-ride services between the Township and Special Destinations outside of the Township in addition to redi-ride service within the Township (altogether, the "Redi-Ride Service").
- C. The Township partially funds the Redi-Ride Service through a Township transportation millage that was approved on November 3, 2009, at the restored rate of 0.2 mills for ten (10) years, 2009 through 2019, inclusive.
- D. The Township and CATA desire to document their agreement that CATA provide Redi-Ride Service and that the Township levy the Township Millage through 2019 and pay Township Millage revenues to CATA.

NOW THEREFORE, CATA and the Township agree, as follows:

- 1. Redi-Ride Service. CATA will provide Redi-Ride Service through December 31, 2019, within the Township and from the Township to five (5) Special Destinations, as follows:
  - (a) Bus Schedules. Redi-Ride Service will be provided on the following schedule:
    - (1) Monday through Friday, two (2) buses from 9:00 a.m. to 5:00 p.m., one (1) bus from 10:00 a.m. to 5:00 p.m., and one (1) bus from 1:45 p.m. to 5:00 p.m.
    - (2) Saturday, one (1) bus from 9:00 a.m. to 5:00 p.m. and one (1) bus from 10:00 a.m. to 2:00 p.m.
  - (b) Special Destinations. Special Destinations service will only stop at the five (5) Special Destinations listed below and locations in the Township. There will be no pick-up or drop-off of customers outside of the Township other than at the Special Destinations, which are:
    - (1) College Fields Development at Hagadorn and Bennett Roads.

- (2) Costco Wholesale, 2540 E Saginaw Hwy, East Lansing, MI 48823.
  - (3) East Lansing Aquatic Center, 6400 Abbot Road, East Lansing, 48823, (Seasonal Only).
  - (4) MSU Clinical Center, 804 Service Road, East Lansing, 48824.
  - (5) Meijer – Bath Township, 7157 E. Saginaw Hwy., East Lansing, 48823.
- (c) Trip Scheduling. Trips shall be scheduled in accordance with procedures and requirements established by CATA for its redi-ride services.
- (d) School Transportation. The Township and the public schools have a very good school transportation system. Redi-Ride Service will not be provided to students for whom school transportation is available from the public schools or the Township.
2. Township Millage. The Township shall levy the Township Millage through 2019. The Township is responsible for collecting the Transportation Millage and paying these funds to CATA the month following receipt. The Township shall not be responsible for providing any transportation services under this Agreement.
3. Fares and Grants. CATA shall retain all fares collected in connection with Redi-Ride Service and government assistance, grants, or subsidies paid in connection with the Redi-Ride Service.
4. Review and Reports.
- (a) CATA and Meridian Township shall be available at reasonable times to meet and discuss the services provided, the budget for services, expenditures made for services, tax receipts, and other subjects of concern to the parties regarding this service.
  - (b) CATA will provide the Township and Transportation Commission written reports, at least quarterly, addressing, among other matters, ridership, feedback on the operation of the new schedule, and any recommended adjustments to the scheduled hours. The Township will provide CATA with such reasonable reports and information regarding the Services as CATA may request.
5. Termination. Should CATA determine that Transportation Millage funds received from the Township are not or will not be sufficient to maintain Redi-Ride Service, CATA and the Township will discuss service reductions and other alternatives. Should the parties fail to agree on such service reductions or alternatives, CATA may terminate Redi-Ride Service upon sixty (60) days written notice to the Township, in



To Meridian Township: Attn: Township Supervisor  
Charter Township of Meridian  
Meridian Township  
5151 Marsh Road  
Okemos, MI 48864

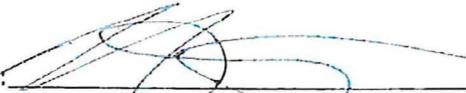
With copies to: Attn: Township Clerk  
and Township Manager  
Charter Township of Meridian  
Meridian Township  
5151 Marsh Road  
Okemos, MI 48864

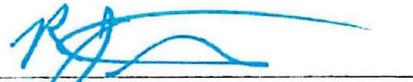
- (g) This Agreement and any documents executed pursuant to this Agreement may be executed in any number of counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. Any fax transmission of any signature shall be deemed an original and bind such party.
- (h) This Agreement constitutes the entire agreement between the parties and supersedes all negotiations, commitments, and previous agreements, including the Letter Agreements, and may be modified only by a further written agreement which is executed by a duly authorized officer of each of the parties.
- (i) This Agreement is exclusively between CATA and the Township and not for the benefit of or enforceable by any third party.
- (j) This Agreement may not be assigned by either party.

7. This Agreement is effective on the date first above written.

CAPITAL AREA TRANSPORTATION AUTHORITY

THE CHARTER TOWNSHIP OF MERIDIAN

By:   
Nathan A. Triplett, Board-Chair

By:   
Ronald J. Styka  
Township Supervisor

By:   
Bradley T. Funkhouser, AICP  
Chief Executive Officer

By:   
Frank L. Walsh  
Township Manager

**RESOLUTION**

At a regular meeting of the Meridian Transportation Commission of the Charter Township of Meridian, Ingham County, Michigan, held at the Central Fire Station, in said Township on the 21st day of February, 2019 at 6:00pm., Local Time.

PRESENT: Commissioners Hackbarth, Vagnozzi, Potter, Hudson, Deschaine, Kolbasa and Lovell

ABSENT: None

The following resolution was offered by Commissioner Vagnozzi and supported by Commissioner Lovell.

WHEREAS, Township residents have supported the Redi-Ride Millage since its initial approval in 1999; and

WHEREAS, The Redi-Ride Millage was last renewed in 2009 and the funding .2 (2/10) mills will expire December 31, 2019; and

WHEREAS, Residents have continued to support a millage for this type service and there is a continuing need for the service Redi-Ride provides; and

WHEREAS, In 2018 the Township negotiated a new Redi-Ride Service Agreement with CATA, received grants to expand the hours of service from 7:30am to 6:30pm Monday through Friday and enlarged the service boundary to include five (5) new locations with no additional cost to the Township; and

WHEREAS, The current Redi-Ride service provided by CATA uses ADA and FTA compliant vehicles able to serve all Meridian residents.

NOW, THEREFORE, BE IT RESOLVED THE MERIDIAN TOWNSHIP TRANSPORTATION COMMISSION HEREBY RECOMMENDS THE TOWNSHIP BOARD:

1. Renew and restore the previously authorized .2 mills to maintain Redi-Ride service.
2. Evaluate any potential need for a millage rate above the current .2 (2/10) mill that may be needed to ensure the necessary funding to maintain the service expansions currently funded through grants which will expire in 2022 and add capacity during peak demand times.
3. Consider a shorter length of time for the millage, possibly five (5) years instead of the current ten (10) years to allow for changing transit options, services, and technological innovations.
4. Review relevance of ballot language that references support for fixed route service.

BE IT FURTHER RESOLVED THE MERIDIAN TOWNSHIP TRANSPORTATION COMMISSION HEREBY RECOMMENDS THE TOWNSHIP BOARD:

1. Negotiate a new Service Agreement if the millage renewal is successful.





12.B

**To: Township Board**

**From: Mark Kieselbach, Director of Community Planning and Development**  
**Justin Quagliata, Assistant Planner**

**Date: March 14, 2019**

**Re: Rezoning #18160 (Giguere) - Final Adoption**

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The Township Board voted to approve for introduction the rezoning of approximately 7.36 acres located at 3760 Hulett Road from RR (Rural Residential) to RAAA (Single Family-Low Density) at its last meeting on March 5, 2019. Attached for the Board's consideration is a resolution for final adoption of Rezoning #18160. As directed by the Board, the Clerk published the proposed ordinance as required.

- **Move to adopt the resolution for final adoption of Ordinance No. 2019-04 pursuant to Rezoning #18160.**

**Attachment**

1. Resolution to approve.

G:\Community Planning & Development\Planning\REZONINGS (REZ)\2018\REZ 18160 (Giguere Homes)\REZ 18160.tb3.doc

**RESOLUTION TO APPROVE RAAA**

**Rezoning #18160  
Giguere Homes  
3760 Hulett Road  
FINAL ADOPTION**

**RESOLUTION**

At a regular meeting of the Township Board of the Charter Township of Meridian, Ingham County, Michigan, held at the Meridian Municipal Building, in said Township on the 19th day of March, 2019, at 6:00 p.m., Local Time.

PRESENT: \_\_\_\_\_  
\_\_\_\_\_

ABSENT: \_\_\_\_\_

The following resolution was offered by \_\_\_\_\_ and supported by \_\_\_\_\_.

WHEREAS, Giguere Homes requested the rezoning of approximately 7.36 acres located at 3760 Hulett Road from RR (Rural Residential) to RAAA (Single Family-Low Density); and

WHEREAS, the Planning Commission held a public hearing and discussed the rezoning at its meeting on December 17, 2018 and recommended approval of the request at its meeting on January 14, 2019; and

WHEREAS, the Planning Commission reviewed and discussed the staff material provided under a cover memorandum dated December 13, 2018; and

WHEREAS, the Township Board discussed the rezoning at its meeting on February 19, 2019 and has reviewed the staff and Planning Commission material forwarded under a cover memorandum dated February 14, 2019; and

WHEREAS, the subject site meets the minimum standard for lot area of the proposed RAAA (Single Family-Low Density) zoning district; and

WHEREAS, the subject site is located in close proximity to an existing RAAA (Single Family-Low Density) zoning district to the east; and

WHEREAS, in a letter dated November 28, 2018 the applicant offered voluntary conditions on the rezoning, including:

1. Limit current development of the site to a maximum of seven lots.
2. Limit future development of the site to a maximum of seven lots.
3. Establishment of a 50 foot wide natural preservation area along the south side of the parcel to be deeded to the homeowners association.
4. Establishment of a five foot wide tree buffer on the north side of the 50 foot wide natural preservation area on the south side of the parcel, including deed restrictions on Lots 6 & 7 requiring preservation of any trees within the buffer that have a trunk diameter greater than or equal to 12 inches.

5. Establishment of an 80 foot natural preservation area along the west side of the parcel to be deeded to the homeowners association.
6. Establishment of a 20 foot wide preservation area along the north side of the parcel, including deed restrictions on Lots 3, 4, & 5 requiring the preservation area remain undisturbed.
7. Establishment of a 10 foot wide tree buffer area on the south side of the 20 foot wide preservation area along the north side of the parcel, including deed restrictions on Lots 3, 4, & 5 requiring preservation of any trees within the buffer that have a trunk diameter greater than or equal to 12 inches.
8. Establishment of deed restrictions for the homes in any new development on the property that meet or exceed those of the existing Sanctuary development.
9. Reservation of one seat on the architectural review board established in the deed restrictions for an elected representative from the existing Sanctuary Homeowners Association.
10. Limitation imposed on Giguere Homes to not seek a variance to encroach into the required wetland buffer on Lots 4, 5, & 6.
11. Restriction of construction hours to only between 8 a.m. to 6 p.m., Monday-Saturday.

WHEREAS, the proposed rezoning to RAAA (Single Family-Low Density) is consistent with the 2017 Future Land Use Map designation of R2-Residential 0.5 to 3.5 dwelling units per acre; and

WHEREAS, public water and sanitary sewer services are available to serve the site; and

WHEREAS, the Township Board introduced Rezoning #18160 for publication and subsequent adoption at its meeting on March 5, 2019.

NOW THEREFORE, BE IT RESOLVED THE TOWNSHIP BOARD OF THE CHARTER TOWNSHIP OF MERIDIAN hereby **FINALLY ADOPTS** Ordinance No. 2019-04, entitled "Ordinance Amending the Zoning District Map of Meridian Township pursuant to Rezoning Petition Rezoning #18160" to rezone 7.36 acres located at 3760 Hulett Road from RR (Rural Residential) to RAAA (Single Family-Low Density), subject to the conditions voluntarily offered by the applicant, which include the following:

1. Limit current development of the site to a maximum of seven lots.
2. Limit future development of the site to a maximum of seven lots.
3. Establishment of a 50 foot wide natural preservation area along the south side of the parcel to be deeded to the homeowners association.
4. Establishment of a five foot wide tree buffer on the north side of the 50 foot wide natural preservation area on the south side of the parcel, including deed restrictions on Lots 6 & 7 requiring preservation of any trees within the buffer that have a trunk diameter greater than or equal to 12 inches.
5. Establishment of an 80 foot natural preservation area along the west side of the parcel to be deeded to the homeowners association.
6. Establishment of a 20 foot wide preservation area along the north side of the parcel, including deed restrictions on Lots 3, 4, & 5 requiring the preservation area remain undisturbed.
7. Establishment of a 10 foot wide tree buffer area on the south side of the 20 foot wide preservation area along the north side of the parcel, including deed restriction on Lots 3, 4, & 5 requiring preservation of any trees within the buffer that have a trunk diameter greater than or equal to 12 inches.



**ORDINANCE NO. 2019-04**  
**ORDINANCE AMENDING THE ZONING DISTRICT MAP**  
**OF MERIDIAN TOWNSHIP**  
**PURSUANT TO REZONING #18160**

The Charter Township of Meridian ordains:

Section 1. Amending the Zoning District Map.

- A. The Zoning District Map of Meridian Township, as adopted in Section 86-312 of the Code of the Charter Township of Meridian, Michigan, as previously amended, is hereby amended by changing the RR (Rural Residential) District symbol and indication as shown on the Zoning District Map, for the east 7.36 acres of 3760 Hulett Road, the property legally described as:

A parcel of land in the Southeast ¼ of Section 32, T4N, R1W, Meridian Township, Ingham County, Michigan; the boundary of said parcel being described as BEGINNING at the East ¼ Corner of Section 32, T4N, R1W, Michigan Meridian; thence S89 degrees, 45 feet, 8 inches W, along the East-West 1/4 line, 700.00 feet; thence S00 degrees, 28 feet, 37 inches E, 458.00 feet to the north line of the recorded subdivision named Sanctuary; thence N89 degrees, 45 feet, 8 inches E, along said North line, 700.00 feet to the East line of said Section; thence N00 degrees, 28 feet, 37 inches W, along said Section line, 458.00 feet to the point of beginning; said parcel contains 7.36 acres.

to that of RAAA (Single Family-Low Density).

Section 2. Validity and Severability. The provisions of this Ordinance are severable and the invalidity of any phrase, clause or part of this Ordinance shall not affect the validity or effectiveness of the remainder of the Ordinance.

Section 3. Repealer Clause. All ordinances or parts of ordinances in conflict therewith are hereby repealed only to the extent necessary to give this Ordinance full force and effect.

Section 4. Savings Clause. This Ordinance does not affect rights and duties matured, penalties that were incurred, and proceedings that were begun, before its effective date.

Section 5. Effective Date. This Ordinance shall be effective seven (7) days after its publication or upon such later date as may be required under Section 402 of the Michigan Zoning Enabling Act (MCL 125.3402) after filing of a notice of intent to file a petition for a referendum.

\_\_\_\_\_  
Ronald J. Styka, Township Supervisor

\_\_\_\_\_  
Brett Dreyfus, Township Clerk

Legal description confirmed by:

\_\_\_\_\_  
Mark Kieselbach, Director  
Community Planning and Development



12.C

**To: Township Board**

**From: Mark Kieselbach, Director of Community Planning and Development**  
**Justin Quagliata, Assistant Planner**

**Date: March 14, 2019**

**Re: Rezoning #18150 (Township Board) - Final Adoption**

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The Township Board voted to approve for introduction the rezoning of approximately four acres located at 5000 Okemos Road from RDD (Multiple Family) to C-3 (Commercial) at its last meeting on March 5, 2019. Attached for the Board's consideration is a resolution for final adoption of Rezoning #18150. As directed by the Board, the Clerk published the proposed ordinance as required.

- **Move to adopt the resolution for final adoption of Ordinance No. 2019-03 pursuant to Rezoning #18150.**

**Attachment**

1. Resolution to approve.

G:\Community Planning & Development\Planning\REZONINGS (REZ)\2018\REZ 18150 (Township Board)\REZ 18150.tb3.doc

**RESOLUTION TO APPROVE**

**Rezoning #18150  
Township Board  
5000 Okemos Road  
FINAL ADOPTION**

**RESOLUTION**

At a regular meeting of the Township Board of the Charter Township of Meridian, Ingham County, Michigan, held at the Meridian Municipal Building, in said Township on the 19th day of March, 2019, at 6:00 p.m., Local Time.

PRESENT: \_\_\_\_\_  
\_\_\_\_\_

ABSENT: \_\_\_\_\_

The following resolution was offered by \_\_\_\_\_ and supported by \_\_\_\_\_.

WHEREAS, the Township Board initiated the rezoning of approximately four acres located at 5000 Okemos Road from RDD (Multiple Family) to C-3 (Commercial); and

WHEREAS, the Planning Commission held a public hearing and discussed the rezoning at its meeting on December 10, 2018 and recommended approval of the request at its meeting on December 17, 2018; and

WHEREAS, the Township Board discussed the rezoning at its meeting on February 19, 2019 and has reviewed the staff and Planning Commission material forwarded under a cover memorandum dated February 13, 2019; and

WHEREAS, the subject site meets or exceeds the minimum standards for lot area and lot width of the proposed C-3 (Commercial) zoning district; and

WHEREAS, the proposed rezoning to C-3 (Commercial) is consistent with the 2017 Future Land Use Map designation of Mixed Use Core; and

WHEREAS, the subject site is located adjacent to properties zoned C-3 (Commercial) to the east and south; and

WHEREAS, public water and sanitary sewer services are available to serve the subject site; and

WHEREAS, the Township Board introduced Rezoning #18150 for publication and subsequent adoption at its meeting on March 5, 2019.

**Resolution to Approve - Final Adoption**

**Rezoning #18150 (Township Board)**

**Page 2**

NOW THEREFORE, BE IT RESOLVED THE TOWNSHIP BOARD OF THE CHARTER TOWNSHIP OF MERIDIAN hereby **FINALLY ADOPTS** Ordinance No. 2019-03, entitled "Ordinance Amending the Zoning District Map of Meridian Township pursuant to Rezoning Petition #18150" to rezone four acres at 5000 Okemos Road from RDD (Multiple Family) to C-3 (Commercial).

BE IT FURTHER RESOLVED that the Clerk of the Charter Township of Meridian is directed to publish the Ordinance in the form in which it is adopted within 15 days of this meeting.

ADOPTED: YEAS: \_\_\_\_\_

\_\_\_\_\_

NAYS: \_\_\_\_\_

STATE OF MICHIGAN )

) ss

COUNTY OF INGHAM )

I, the undersigned, the duly qualified and acting Clerk of the Charter Township of Meridian, Ingham County, Michigan, DO HEREBY CERTIFY that the foregoing is a true and a complete copy of a resolution adopted at a regular meeting of the Township Board on the 19th day of March, 2019.

\_\_\_\_\_  
Brett Dreyfus  
Township Clerk

**ORDINANCE NO. 2019-03  
ORDINANCE AMENDING THE ZONING DISTRICT MAP  
OF MERIDIAN TOWNSHIP  
PURSUANT TO REZONING #18150**

The Charter Township of Meridian ordains:

Section 1. Amending the Zoning District Map.

A. The Zoning District Map of Meridian Township, as adopted in Section 86-312 of the Code of the Charter Township of Meridian, Michigan, as previously amended, is hereby amended by changing the RDD (Multiple Family) District symbol and indication as shown on the Zoning District Map, for the south four acres of 5000 Okemos Road, the property legally described as:

A PARCEL OF LAND IN THE NORTHEAST 1/4 OF SECTION 21, T4N, R1W, MERIDIAN TOWNSHIP, INGHAM COUNTY, MICHIGAN, THE SURVEYED BOUNDARY OF SAID PARCEL DESCRIBED AS: COMMENCING AT THE NORTHEAST CORNER OF SAID SECTION 21; THENCE S00°06'16"E ALONG THE EAST LINE OF SAID SECTION 21 A DISTANCE OF 690.70 FEET TO THE POINT OF BEGINNING OF THIS DESCRIPTION; THENCE CONTINUING S00°06'16"E ALONG SAID EAST LINE 129.53 FEET; THENCE S89°33'13"W 1344.68 FEET TO THE WEST LINE OF THE EAST ½ OF SAID NORTHEAST 1/4 ; THENCE N00°36'29"W ALONG SAID WEST LINE 129.53 FEET; THENCE N89°33'13"E 1345.82 FEET TO THE POINT OF BEGINNING; SAID PARCEL CONTAINING 4.00 ACRES MORE OR LESS; SAID PARCEL SUBJECT TO RIGHT-OF-WAY FOR ROAD PURPOSES ALONG OKEMOS ROAD; SAID PARCEL SUBJECT TO ALL EASEMENTS AND RESTRICTIONS IF ANY.

to that of C-3 (Commercial).

Section 2. Validity and Severability. The provisions of this Ordinance are severable and the invalidity of any phrase, clause or part of this Ordinance shall not affect the validity or effectiveness of the remainder of the Ordinance.

Section 3. Repealer Clause. All ordinances or parts of ordinances in conflict therewith are hereby repealed only to the extent necessary to give this Ordinance full force and effect.

Section 4. Savings Clause. This Ordinance does not affect rights and duties matured, penalties that were incurred, and proceedings that were begun, before its effective date.

Section 5. Effective Date. This Ordinance shall be effective seven (7) days after its publication or upon such later date as may be required under Section 402 of the Michigan Zoning Enabling Act (MCL 125.3402) after filing of a notice of intent to file a petition for a referendum.

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Ronald J. Styka, Township Supervisor

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Brett Dreyfus, Township Clerk

Legal description confirmed by:

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Mark Kieselbach, Director  
Community Planning and Development



12.D

**To: Township Board**

**From: Peter Menser, Principal Planner**

**Date: March 12, 2019**

**Re: Elevation at Okemos Pointe Brownfield Plan**

---

The Township Board discussed the transfer of the Elevation at Okemos Pointe brownfield plan from Ingham County to Meridian Township at its last meeting on March 5, 2019. A resolution to approve the transfer of the brownfield plan is provided. Included in the resolution is language authorizing the Township Supervisor and Township Clerk to sign the Brownfield Redevelopment Authority Transfer Agreement (attached) that outlines the terms of the transfer.

- **Motion to adopt the attached resolution approving the transfer of the Elevation at Okemos Point brownfield plan from Ingham County to Meridian Township.**

**Attachments**

1. Resolution to approve brownfield plan transfer.
2. Brownfield Redevelopment Authority Transfer Agreement.

G:\Community Planning & Development\Planning\BROWNFIELDS\Okemos Pointe Brownfield\2018-19 transfer\Elevation brownfield transfer.tb2.docx

**CHARTER TOWNSHIP OF MERIDIAN**

**TOWNSHIP BOARD RESOLUTION APPROVING TRANSFER OF  
BROWNFIELD PLAN FOR ELEVATION AT OKEMOS POINTE**

At a regular meeting of the Township Board of the Charter Township of Meridian, Ingham County, Michigan (the "Township") held at the Meridian Municipal Building, 5151 Marsh Road, Okemos, Michigan 48864, on the 19th day of March, 2019, at 6:00 p.m.

PRESENT: \_\_\_\_\_  
\_\_\_\_\_

ABSENT: \_\_\_\_\_

The following resolution was offered by \_\_\_\_\_ and supported by \_\_\_\_\_.

WHEREAS, on December 13, 2016 Ingham County (the "County") adopted Resolution No. 16-520, approving the November 1, 2016 Brownfield Plan for the Elevation at Okemos Pointe (the "Plan") to redevelop deteriorating and contaminated properties in the Township; and

WHEREAS, the Plan is the only County brownfield project within the Township; and

WHEREAS, in 2017, after the County's adoption and approval of the Plan, the Township formed the Meridian Township Brownfield Redevelopment Authority ("MTBRA"); and

WHEREAS, the County and the Township are each authorized by MCL 125.2653 to enter into a written agreement for the Township to exercise the powers under the Brownfield Redevelopment Financing Act, PA 381 of 1996, as amended (the "Act"), with respect to the Plan, and for the County to relinquish its powers under the Act with respect to the Plan; and

WHEREAS, the County and Township may each establish Brownfield Redevelopment Authorities under MCL 125.2653; and MCL 124.532 authorizes the County, the Township, and their respective Brownfield Authorities to transfer functions and responsibilities to one another; and

WHEREAS, the Parties agree that administration of the Plan by the MTBRA is in the mutual interests of the County, the Township, the ICBRA, and the MTBRA; and

WHEREAS, the Township and County in good faith negotiated and drafted the attached Brownfield Redevelopment Authority Transfer Agreement (the "Transfer Agreement").

**NOW, THEREFORE, BE IT RESOLVED** by the Township Board of the Charter Township of Meridian, Ingham County, Michigan, that:

1. The Township Board authorizes the transfer of the Plan and accepts the County's relinquishment, delegation, and assignment of all the County's duties and rights under the Act with respect to the Plan as stated in the Transfer Agreement; and

**Elevation brownfield plan transfer  
Township Board (March 19, 2019)  
Page 2**

2. The Township Board approves and authorizes the Transfer Agreement and authorizes its Supervisor and Clerk to execute the Transfer Agreement and any other documents or papers necessary to carry out the intent of the Parties; and

3. The Township Board directs the MTBRA to implement and administer the Plan and exercise the powers of the Authority under the Act with respect to the Plan; and

4. The Township Board directs and authorizes the MTBRA to accept the transfer of all tax increment revenues captured under the Plan before the effective date of the Transfer Agreement for use as required by the Plan; and

5. All resolutions or parts of resolutions insofar as they conflict with the provisions of this resolution are hereby rescinded.

ADOPTED:

YEAS: \_\_\_\_\_  
\_\_\_\_\_

NAYS: \_\_\_\_\_

STATE OF MICHIGAN )

) ss

COUNTY OF INGHAM )

I, Brett Dreyfus, Township Clerk of the Charter Township of Meridian hereby certify this to be a true and complete copy of resolution adopted at a regular meeting of the Township Board held on the 19<sup>th</sup> day of March, 2019.

\_\_\_\_\_  
Brett Dreyfus, Township Clerk

## **BROWNFIELD REDEVELOPMENT AUTHORITY TRANSFER AGREEMENT**

This Brownfield Redevelopment Authority Transfer Agreement (the "Agreement") is entered into by and between the Charter Township of Meridian, a Michigan municipal corporation, whose address is 5151 Marsh Rd, Okemos MI 48864 (the "Township"), and Ingham County, a Michigan political subdivision, whose address is P.O. Box 319, Mason, MI 48854 (the "County").

WHEREAS, the County created the Ingham County Brownfield Redevelopment Authority ("ICBRA") in September 2001 pursuant to the Brownfield Redevelopment Financing Act, PA 381 of 1996, as amended, (the "Act"); and

WHEREAS, the ICBRA recommended approval of the November 1, 2016 Brownfield Plan for the Elevation at Okemos Pointe (the "Plan") to redevelop deteriorating and contaminated properties in the Township; and

WHEREAS, on December 13, 2016 the County adopted Resolution No. 16-520 approving the Plan; and

WHEREAS, the Plan is currently the only County brownfield project within the Township; and

WHEREAS, in 2017 subsequent to the adoption and approval of the Plan, the Township formed the Meridian Township Brownfield Redevelopment Authority (the "MTBRA"); and

WHEREAS, the County and Township are specifically authorized pursuant to Section 3 of the Act (MCL 125.2653) to enter into a written agreement whereby the Township will exercise the powers under the Act with respect to the Plan, and the County will relinquish its powers under the Act with respect to the Plan; and

WHEREAS, the County and Township each may individually establish Brownfield Redevelopment Authorities (MCL 125.2653) and the Intergovernmental Transfers of Functions and Responsibilities Act, PA 8 of 1967 (Ex. Sess.), as amended, authorizes the County and Township to transfer functions and responsibilities to one another (MCL 124.532); and

WHEREAS, the Parties agree that administration of the Plan by the MTBRA is in the mutual interests of the County, the Township, the ICBRA, and the MTBRA.

NOW, THEREFORE, IT IS MUTUALLY AGREED AS FOLLOWS:

1. **Definitions.** Unless otherwise specifically indicated in this Agreement, the words and phrases used in this Agreement shall have the definitions attributed to them in the Act.
2. **County Relinquishment and Assignment.** Only with respect to the Plan in Meridian Township, and as authorized under MCL 125.2653 and MCL 124.532, the County relinquishes all authority and powers granted to the County under the Act with respect to the Plan. The County assigns the Plan and delegates all duties and assigns all rights, except as set forth in Paragraph 4 below, to the Township under the Act with respect to the Plan. The County delegates all duties and assigns all rights in the Brownfield Reimbursement Agreement arising out of and in connection with the Plan.

## **Transfer of Reimbursement Agreement**

**Township Board (March 19, 2019)**

**Page 2**

3. **Township Authority.** The Township agrees to implement the Plan and exercise any and all powers under the Act with respect to the Plan. The Township accepts the relinquishment, delegation and assignment of all the duties and rights of the County under the Act with respect to the Plan, except as set forth in Paragraph 4 below. The Township directs the MTBRA to implement and administer the Plan and exercise the powers of the Authority under the Act with respect to the Plan. The Township accepts all duties and rights in the Brownfield Reimbursement Agreement arising out of and in connection with the Plan.
4. **Plan Local Site Remediation Revolving Fund (LSRRF).** The Plan includes capture of incremental local taxes to fund a Local Site Remediation Revolving Fund, which captured amounts are estimated at \$85,344, but shall not exceed 2.5% of the eligible activity amount reimbursed to the Developer. Notwithstanding any Plan amendment, the Township specifically agrees that the actual captured tax increment revenues to fund the LSRRF under the Plan as originally adopted shall be deposited in the County LSRRF. The Township has no right to those LSRRF funds arising out of or in connection with the Plan.
5. **Transfer of Existing Capture.** All tax increment revenues captured under the Plan before the effective date of this Agreement shall be transferred to the Township and the MTBRA. The tax increment revenue amounts received by the Township from the County shall be held and used as required by the Plan and the Brownfield Reimbursement Agreement.
6. **Miscellaneous.**
  - a. **Interpretation.** This is the entire agreement between the parties as to its subject. It shall not be amended or modified except in writing signed by the parties.
  - b. **Waiver.** No delay on the part of any party hereto in the exercise of any right or remedy shall operate as a waiver of such right or any other right; a waiver on any one occasion shall not be construed as a bar to or waiver of any subsequent breach of the same or any other provision of this Agreement on a future occasion.
  - c. **Severability.** In case any one or more of the provisions contained in this Agreement or any document, instrument or agreement required hereunder should be declared invalid, illegal, or unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions contained herein or therein shall not in any way be affected or impaired thereby.
  - d. **Governing Law.** This Agreement and the rights and obligations of the parties under this Agreement shall be governed by, and construed and interpreted in accordance with, the laws of the State of Michigan.
  - e. **Counterparts.** This Agreement may be executed in any number of counterparts, each of which, when so executed and delivered, shall be deemed to be original, but all such counterparts taken together shall constitute but one and the same agreement.

The parties hereby assent and enter into this Agreement by the signatures of their authorized representatives, effective as of the date fully executed by the parties.

**Transfer of Reimbursement Agreement  
Township Board (March 19, 2019)  
Page 3**

CHARTER TOWNSHIP OF MERIDIAN, a Michigan  
municipal corporation

Dated: \_\_\_\_\_

\_\_\_\_\_  
By: Ronald J. Styka  
Its: Supervisor

Dated: \_\_\_\_\_

\_\_\_\_\_  
By: Brett Dreyfus, CMMC  
Its: Clerk

INGHAM COUNTY, a Michigan political subdivision

Dated: \_\_\_\_\_

\_\_\_\_\_  
By: Bryan Crenshaw  
Its: Chairperson, County Board of Commissioners

APPROVED AS TO FORM  
FOR COUNTY OF INGHAM  
COHL, STOKER & TOSKEY, P.C.

By: \_\_\_\_\_  
Timothy M. Perrone



12.E

**To: Township Board**

**From: Mark Kieselbach, Director of Community Planning and Development**

**Date: March 14, 2019**

**Re: Biber Street Land Transfer**

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The owners of land between Biber Street and Abbot Road have requested the Township transfer title of two parcels of land their family had donated to the Township. The use of property was intended for the extension of Biber Street but the street was never constructed. Quit claim deeds have been drafted that would relinquish the Township's ownership interest in the parcels and transfer the property to the Shepherd family. Each deed retains a utility easement for public water and sanitary sewer should the Township need the property for that purpose in the future.

A motion to approve the transfer of the two parcels of land has been provided.

**Move to authorize the Township Supervisor to sign the quit claim deeds to transfer two parcels of land from the Charter Township of Meridian to the Nancy L. Shepherd Revocable Trust.**

**Attachments**

1. Quit claim deeds

G:\Community Planning & Development\Planning\425Agreementss\Biber Street\BiberStreet.tb2.doc

## **QUIT CLAIM DEED**

On \_\_\_\_\_, 2019, the Charter Township of Meridian, a Michigan municipal corporation, whose address is 5151 Marsh Road, Okemos, MI 48864 (Grantor), hereby remises, releases and quitclaims all the right, title, interest and claim, which the Grantor has in and to the real property in the Charter Township of Meridian, Ingham County, Michigan, as described on Exhibit A (the "Property,") and depicted on Exhibit B to the Nancy L. Shepherd Revocable Trust as restated on November 1, 2016, whose address is 6268 Abbot Rd, East Lansing, MI 48823 (Grantee), for \$1.00, together with all tenements, hereditaments, and appurtenances and subject to agreements, easements, and restrictions of record.

Grantor grants to Grantee the right to make all divisions under Section 108 of the Land Division Act, Act No. 288 of the Public Acts of 1967.

Grantor excepts and reserves to itself an easement over the full extent of the Property transferred for the purposes of constructing, establishing, maintaining, operating, repairing, improving, substituting, replacing, extending, removing, enlarging, and inspecting municipal water and sanitary sewer lines, utilities, facilities and related equipment through, over and across the Property (the "Easement"), including Grantor's right of ingress and egress to, from and over the Easement, and those rights of entry upon, passage over, storing of equipment and materials including excavated earth as may be reasonable and convenient for the establishment, construction, operation, maintenance, repair, replacement and improvement of the municipal water and sanitary sewer installations. Grantee agrees that no non-movable or permanent structures, including buildings, fences or other non-movable objects of any kind, will be placed within the boundaries of the Easement, and Grantee shall not plant any trees or vegetation, except sod or grass, that may interfere with Grantor's rights under this Easement. Grantor shall have the right to remove any buildings, structures, trees or vegetation placed within the Easement, and Grantee shall be responsible for the cost of that removal. This Easement and associated rights and restrictions are granted in perpetuity. The rights, obligations and restrictions under this reserved Easement shall run with the land and shall be binding on Grantee's successors and assignees.

This property may be located within the vicinity of farmland or a farm operation. Generally accepted agricultural and management practices which may generate noise, dust, odors, and other associated conditions may be used and are protected by the Michigan Right to Farm Act.

This transfer is exempt from tax pursuant to MCL 207.505(h)(i) and 207.526(h)(i).

**IN WITNESS WHEREOF**, Grantor has caused this Quit Claim Deed to be executed by the duly authorized officer as of the day and year first above written.

**GRANTOR**

Charter Township of Meridian

By: \_\_\_\_\_  
Ronald J. Styka, Supervisor

STATE OF MICHIGAN )  
 ) ss  
COUNTY OF INGHAM )

On this \_\_\_ day of \_\_\_\_\_, 2019, before me, a Notary Public in and for said County, personally appeared Ronald J. Styka, Meridian Township Supervisor to me known to be the person described in and who executed the foregoing instrument and acknowledged the same to be his free act and deed.

\_\_\_\_\_  
\_\_\_\_\_, Notary Public  
State of Michigan, County of \_\_\_\_\_  
My Commission Expires: \_\_\_\_\_  
Acting in the County of \_\_\_\_\_

**GRANTEE**

Nancy L. Shepherd Revocable Trust as restated on November 1, 2016

By: \_\_\_\_\_  
\_\_\_\_\_, Trustee

STATE OF MICHIGAN )  
 ) ss  
COUNTY OF INGHAM )

On this \_\_\_ day of \_\_\_\_\_, 2019, before me, a Notary Public in and for said County, personally appeared \_\_\_\_\_, Trustee of the Nancy L.

Shepherd Revocable Trust as restated on November 1, 2016, to me known to be the person described in and who executed the foregoing instrument and acknowledged the same to be his free act and deed.

\_\_\_\_\_  
\_\_\_\_\_, Notary Public  
State of Michigan, County of \_\_\_\_\_  
My Commission Expires: \_\_\_\_\_  
Acting in the County of \_\_\_\_\_

Drafted by and when recorded return to:

Mark L. Grebner, Esq.  
920 N. Washington Avenue  
Lansing, MI 48906

Send subsequent tax bills to:

Brenda Lee Carson  
6272 Abbott Road  
East Lansing, MI 48823

Recording Fee:

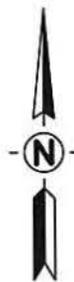
Transfer Tax:

Exhibit A  
Legal Description

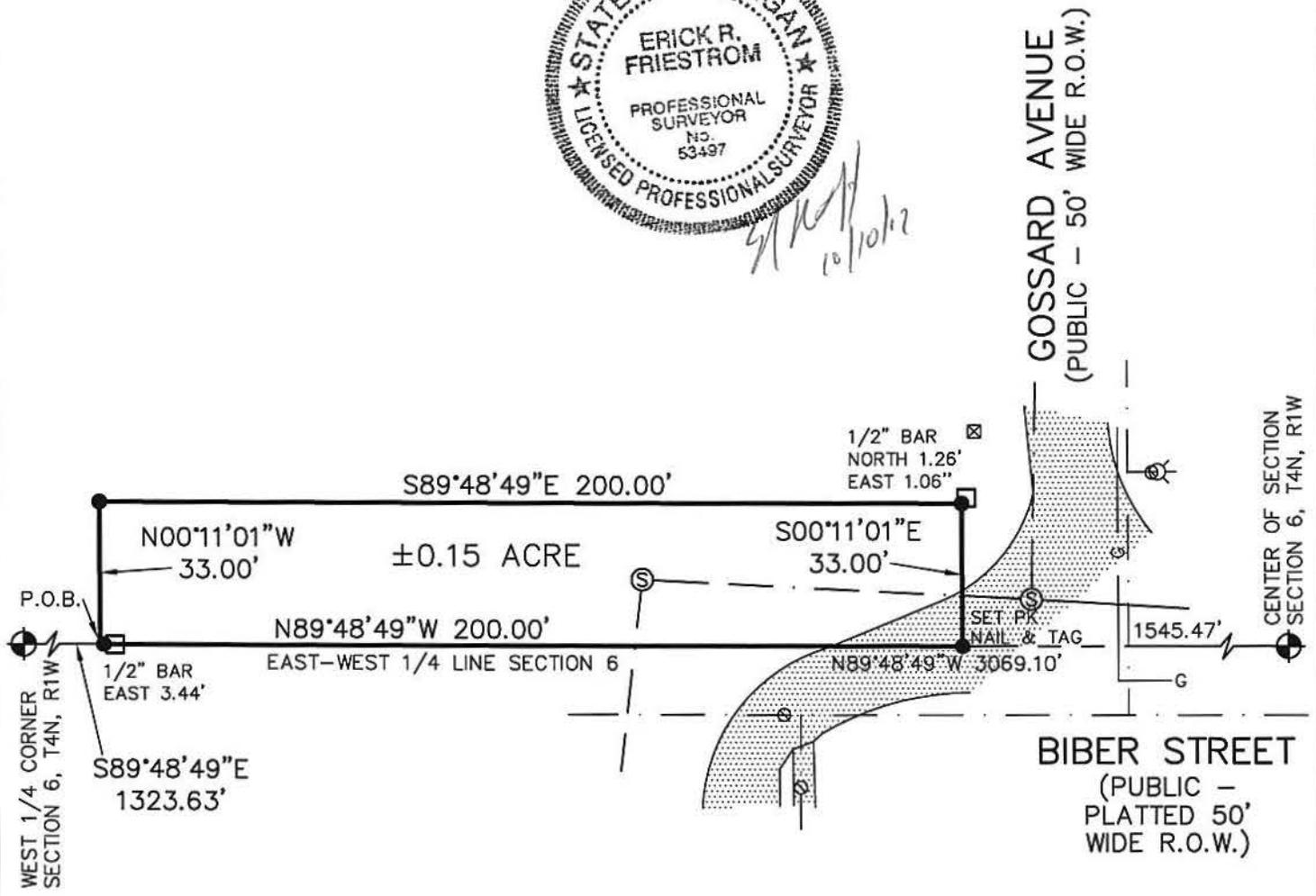
A parcel of land in the Northwest 1/4 of fractional Section 6, T4N, R1W, Meridian Township, Ingham County, Michigan, the surveyed boundary of said parcel described as: Commencing at the West 1/4 corner of said Section 6; thence S89°48'49"E along the East-West 1/4 line of said Section 6 a distance of 1323.63 feet to the point of beginning of this description; thence N00°11'01" W 33.00 feet; thence S89°48'49"E parallel with said East-West 1/4 line 200.00 feet to the West line of Gossard Avenue; thence S00°11'01"E along said West line 33.00 feet to said East-West 1/4 line; thence N89°48'49"W along said East-West 1/4 line 200.00 feet to the point of beginning; said parcel containing 0.15 acre more or less.

Exhibit B  
**CERTIFIED BOUNDARY SURVEY**

FOR: **BRENDA CARLSON**



*E.R. Friestrom*  
 10/10/12



**LEGEND**

- = Set 1/2" Bar with Cap Unless Noted
- = Found Iron as Noted
- ⊙ = Sanitary Manhole
- ⊙ = Water Valve
- ⊙ = Hydrant
- ⊙ = Utility Pedestal
- [Stippled Area] = Concrete/Asphalt
- [Dotted Area] = Gravel
- = Survey Boundary Line
- - - = Underground Sanitary Line
- - - = Underground Water Line
- G - = Underground Gas Line
- = Distance Not to Scale
- X - X - = Fence
- ← 0.0'± = Denotes Distance to the Survey Line

**NOTES:**

1. EASEMENTS, IF ANY, NOT SHOWN.
2. UTILITIES ARE SHOWN BASED ON VISIBLE FIELD EVIDENCE COMBINED WITH ASBUILT PLANS PROVIDED. CONFIRMATION OF UNDERGROUND UTILITIES IS REQUIRED BEFORE DOING ANY EXCAVATION.

SCALE 1" = 40'



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	13432 PRESTON DRIVE, MARSHALL, MI 49068 PH. 269-781-9800    FAX. 269-781-9805
DRAWN BY <b>SSF</b>	SECTION <b>6, T4N, R1W</b>
FIELD WORK BY <b>NAW</b>	JOB NUMBER:
SHEET <b>1</b> OF <b>2</b>	<b>92651.BND-1</b>

All Dimensions are in Feet and Decimals Thereof.

All Improvements Not Shown.

## CERTIFIED BOUNDARY SURVEY

**CERTIFICATE OF SURVEY:**

I hereby certify only to the parties named hereon that we have surveyed at the direction of said parties, a parcel of land previously described as:

(As provided): THE S 33 FT OF THE E 200 FT OF THE W 1/2 OF NW 1/4 OF SEC. 6, T4N R1W.

and that we have found or set, as noted hereon, permanent markers to all corners and angle points of the boundary of said parcel and that the more particular legal description of said parcel is as follows:

A parcel of land in the Northwest 1/4 of fractional Section 6, T4N, R1W, Meridian Township, Ingham County, Michigan, the surveyed boundary of said parcel described as: Commencing at the West 1/4 corner of said Section 6; thence S89°48'49"E along the East-West 1/4 line of said Section 6 a distance of 1323.63 feet to the point of beginning of this description; thence N00°11'01"W 33.00 feet; thence S89°48'49"E parallel with said East-West 1/4 line 200.00 feet to the West line of Gossard Avenue; thence S00°11'01"E along said West line 33.00 feet to said East-West 1/4 line; thence N89°48'49"W along said East-West 1/4 line 200.00 feet to the point of beginning; said parcel containing 0.15 acre more or less; said parcel subject to all easements and restrictions if any.

**WITNESSES TO SECTION CORNERS:**

Northwest corner Section 6, T4N, R1W, Liber 8 Page 344  
 Found Clinton Co. Remon bar & cap in mon box in Northbound lane of Abbot Rd  
 Found nail & tag #18989 South side power pole, N35°E, 92.37'  
 Found nail & tag #18989 North side 18" Poplar, N70°W, 55.95'  
 Found nail & tag #18989 South side 24" Poplar, West, 52.61'  
 Found nail & tag #13039 East side power pole, S20°E, 50.01'  
 Found 1" pipe, West, 33.00'

West 1/4 corner Section 7, T4N, R1W, Liber 9, Page 473  
 Found remonumentation bar & cap #25832 in monument box  
 Top center bolt of Fire Hydrant, S30°W, 68.41'  
 Found nail & tag in utility pole, N70°W, 24.71'  
 Found nail & tag #16053 in South side of 8" pine, N60°E, 60.55'  
 Found nail & tag #25832 in Southwest side of 12" Box Elder, S60°E, 89.82'  
 Found 3/4" remonumentation bar & cap #25832 in monument box (M-2, T4N, R2W), North, 24.63'

Center of Section 6, T4N, R1W, Liber 9 Page 478  
 Found Ingham Co. Remon bar & cap in monument box  
 Found nail & tag #16053 Southeast side power pole, S45°W, 31.48'  
 Found nail & tag #18989 Northwest side power pole, N45°E, 31.47'  
 Centerline of 4" concrete cylinder encased in sheet metal, N45°W, 35.64'  
 Found nail & tag #16053 South side 8" Maple, N55°W, 57.45'

This survey complies with the requirements of Public Act 132 of 1970, as amended, and is subject to Public Act 591 of 1996, as amended, and was performed with an error of closure no greater than a ratio of 1 in 5000.

All bearings are derived from the East-West 1/4 line of Section 6 which is shown to bear S89°48'49"E on KEBS, Inc. survey Job No. 86620.ALT, dated January 15, 2013.

*Erick R. Friestrom*      10/10/17

Erick R. Friestrom      Date:  
 Professional Surveyor No. 53497



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FIELD WORK BY <b>NAW</b>	JOB NUMBER:
SHEET <b>2 OF 2</b>	<b>92651.BND-1</b>

## **QUIT CLAIM DEED**

On \_\_\_\_\_, 2019, the Charter Township of Meridian, a Michigan municipal corporation, whose address is 5151 Marsh Road, Okemos, MI 48864 (“Grantor”), hereby remises, releases and quitclaims all the right, title, interest and claim, which the Grantor has in and to the real property in the City of East Lansing, Ingham County, Michigan, as described on Exhibit A (the “Property,”) and depicted on Exhibit B to the Nancy L. Shepherd Revocable Trust as restated on November 1, 2016, whose address is 6268 Abbot Rd, East Lansing, MI 48823 (“Grantee”), for \$1.00, together with all tenements, hereditaments, and appurtenances and subject to agreements, easements, and restrictions of record.

Grantor grants to Grantee the right to make all divisions under Section 108 of the Land Division Act, Act No. 288 of the Public Acts of 1967.

Grantor excepts and reserves to itself an easement over the full extent of the Property transferred for the purposes of constructing, establishing, maintaining, operating, repairing, improving, substituting, replacing, extending, removing, enlarging, and inspecting municipal water and sanitary sewer lines, utilities, facilities and related equipment through, over and across the Property (the “Easement”), including Grantor’s right of ingress and egress to, from and over the Easement, and those rights of entry upon, passage over, storing of equipment and materials including excavated earth as may be reasonable and convenient for the establishment, construction, operation, maintenance, repair, replacement and improvement of the municipal water and sanitary sewer installations. Grantee agrees that no non-movable or permanent structures, including buildings, fences or other non-movable objects of any kind, will be placed within the boundaries of the Easement, and Grantee shall not plant any trees or vegetation, except sod or grass, that may interfere with Grantor’s rights under this Easement. Grantor shall have the right to remove any buildings, structures, trees or vegetation placed within the Easement, and Grantee shall be responsible for the cost of that removal. This Easement and associated rights and restrictions are granted in perpetuity. The rights, obligations and restrictions under this reserved Easement shall run with the land and shall be binding on Grantee’s successors and assignees.

This property may be located within the vicinity of farmland or a farm operation. Generally accepted agricultural and management practices which may generate noise, dust, odors, and other associated conditions may be used and are protected by the Michigan Right to Farm Act.

This transfer is exempt from tax pursuant to MCL 207.505(h)(i) and 207.526(h)(i).



Shepherd Revocable Trust as restated on November 1, 2016, to me known to be the person described in and who executed the foregoing instrument and acknowledged the same to be his free act and deed.

\_\_\_\_\_  
\_\_\_\_\_, Notary Public  
State of Michigan, County of \_\_\_\_\_  
My Commission Expires: \_\_\_\_\_  
Acting in the County of \_\_\_\_\_

Drafted by and when recorded return to:

Mark L. Grebner, Esq.  
920 N. Washington Avenue  
Lansing, MI 48906

Send subsequent tax bills to:

Brenda Lee Carson  
6272 Abbott Road  
East Lansing, MI 48823

Recording Fee:

Transfer Tax:

Exhibit A  
Legal Description

A parcel of land in the Northwest 1/4 of fractional Section 6, T4N, R1W, City of East Lansing, Ingham County, Michigan, the surveyed boundary of said parcel described as: Commencing at the West 1/4 corner of said Section 6; thence S89°48'49"E along the East-West 1/4 line of said Section 6 a distance of 50.00 feet to the point of beginning of this description; thence N00°23'20"E parallel with the West line of said Section 6 a distance of 24.30 feet; thence N00°32'00"E continuing along a line parallel with the West line of said Section 6 a distance of 5.70 feet; thence S89°48'49"E parallel with said East-West 1/4 line 340.06 feet; thence N00°32'00"E parallel with said West section line 3.00 feet; thence S89°48'49"E parallel with said East-West 1/4 line 933.21 feet; thence S00°11'01"E 33.00 feet to said East-West 1/4 line; thence N89°48'49"W along said East-West 1/4 line 1273.63 feet to the point of beginning; said parcel containing 0.94 acre more or less; said parcel subject to all easements and restrictions if any.

# CERTIFIED BOUNDARY SURVEY

FOR: **BRENDA CARLSON**

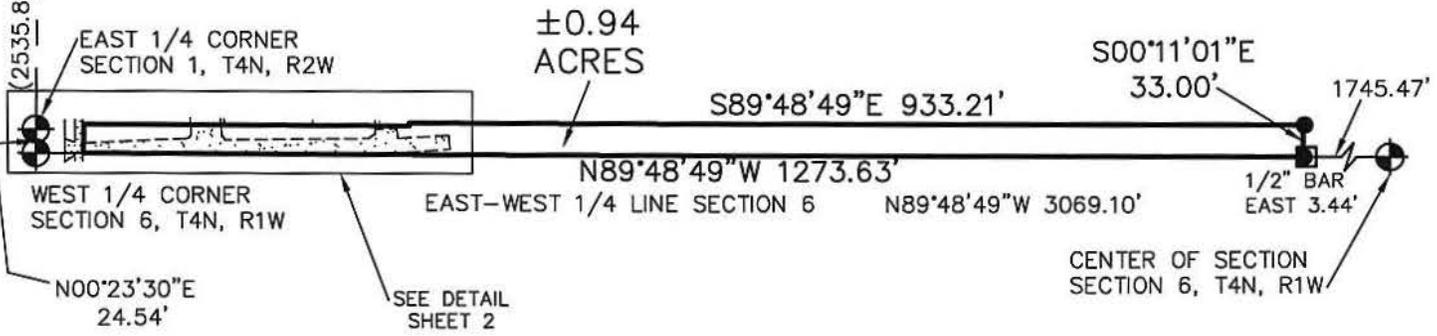


*E.R. Friestrom*  
10/10/12

NORTHWEST CORNER  
SECTION 6, T4N, R1W

FROM NW CORNER SECTION 6, T4N, R1W TO EAST 1/4 CORNER SECTION 1, T4N, R2W  
500'32'00" W

**ABBOT ROAD**  
(PUBLIC - 100' WIDE R.O.W.)

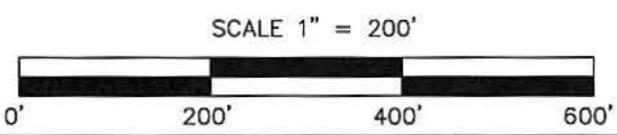


NOTES:  
 1. EASEMENTS, IF ANY, NOT SHOWN.  
 2. UTILITIES ARE SHOWN BASED ON VISIBLE FIELD EVIDENCE COMBINED WITH ASBUILT PLANS PROVIDED. CONFIRMATION OF UNDERGROUND UTILITIES IS REQUIRED BEFORE DOING ANY EXCAVATION.

**LEGEND**

- = Set 1/2" Bar with Cap
- = Found Iron as Noted
- [Hatched Box] = Concrete/Asphalt
- [Dotted Box] = Gravel
- = Survey Boundary Line
- (with lightning bolt) = Distance Not to Scale
- x-x- = Fence
- ← 0.0'± = Denotes Distance to the Survey Line

All Dimensions are in Feet and Decimals Thereof.  
 All Improvements Not Shown.



	<b>KEBS, INC.</b> KYES ENGINEERING BRYAN LAND SURVEYS
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DRAWN BY <b>SSF</b>	SECTION <b>6, T4N, R1W</b>
FIELD WORK BY <b>NAW</b>	JOB NUMBER: <b>92651.BND-2</b>
SHEET <b>1</b> OF <b>3</b>	

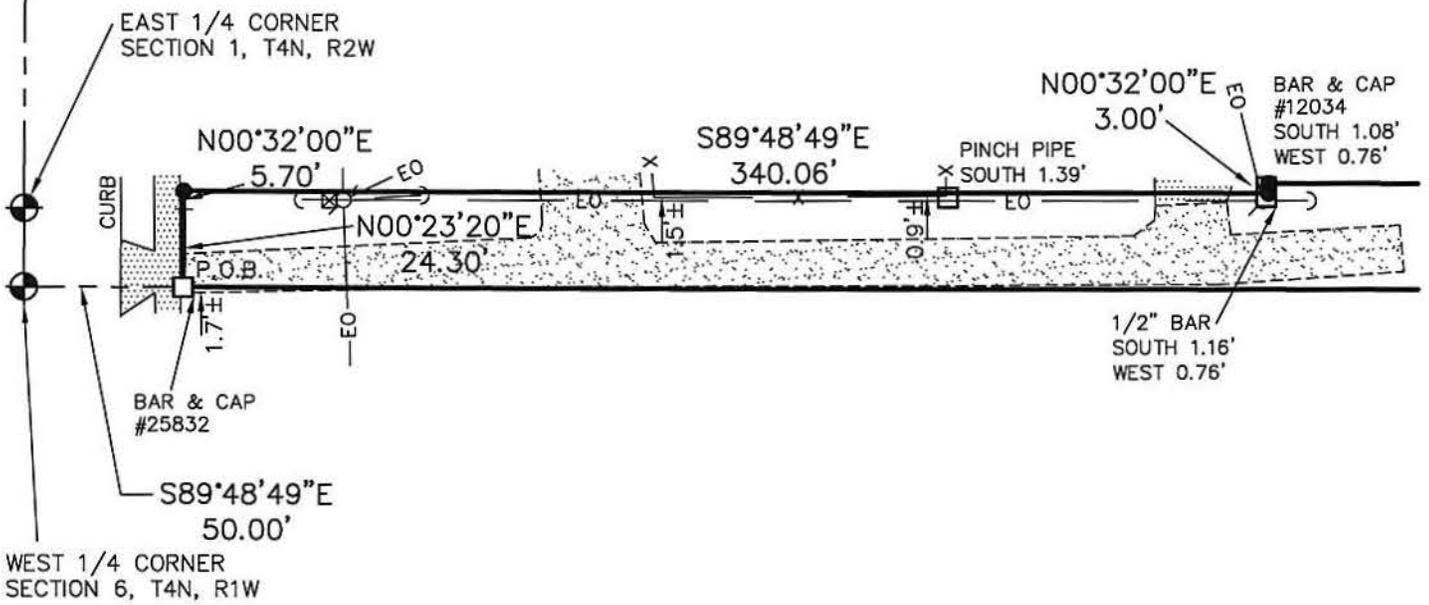
# CERTIFIED BOUNDARY SURVEY

FOR: **BRENDA CARLSON**



**ABBOT ROAD**  
(PUBLIC - 100' WIDE R.O.W.)

DETAIL AREA FROM SHEET 1



**NOTES:**  
 1. EASEMENTS, IF ANY, NOT SHOWN.  
 2. UTILITIES ARE SHOWN BASED ON VISIBLE FIELD EVIDENCE COMBINED WITH ASBUILT PLANS PROVIDED. CONFIRMATION OF UNDERGROUND UTILITIES IS REQUIRED BEFORE DOING ANY EXCAVATION.

**LEGEND**

- = Set 1/2" Bar with Cap
- = Found Iron as Noted
- [Stippled Box] = Concrete/Asphalt
- [Dotted Box] = Gravel
- = Guy Wire
- = Utility Pole
- ⊠ = Utility Pedestal
- = Survey Boundary Line
- |— = Distance Not to Scale
- x—x— = Fence
- EO— = Overhead Wires
- ←0.0'± = Denotes Distance to the Survey Line

All Dimensions are in Feet and Decimals Thereof.

All Improvements Not Shown.

SCALE 1" = 60'



**KEBS, INC.** KYES ENGINEERING  
BRYAN LAND SURVEYS

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DRAWN BY <b>SSF</b>	SECTION <b>6, T4N, R1W</b>
FIELD WORK BY <b>NAW</b>	JOB NUMBER:
SHEET <b>2 OF 3</b>	<b>92651.BND-2</b>

**CERTIFIED BOUNDARY SURVEY**

**CERTIFICATE OF SURVEY:**

I hereby certify only to the parties named hereon that we have surveyed at the direction of said parties, a parcel of land previously described as:

(As provided): BEG AT W 1/4 COR OF SEC 6 – N ALNG W SEC LN 30 FT – E 390 FT – N 3 FT – E 1068.4 FT TO W LN OF GOSSARD AVE – S 33 FT – W 1458.4 FT TO POB EXC E 200 FT ALSO EXC W 50 FT THEREOF ON NW 1/4 OF SEC 6 T4N R1W CITY OF EAST LANSING

and that we have found or set, as noted hereon, permanent markers to all corners and angle points of the boundary of said parcel and that the more particular legal description of said parcel is as follows:

A parcel of land in the Northwest 1/4 of fractional Section 6, T4N, R1W, City of East Lansing, Ingham County, Michigan, the surveyed boundary of said parcel described as: Commencing at the West 1/4 corner of said Section 6; thence S89°48'49"E along the East–West 1/4 line of said Section 6 a distance of 50.00 feet to the point of beginning of this description; thence N00°23'20"E parallel with the West line of said Section 6 a distance of 24.30 feet; thence N00°32'00"E continuing along a line parallel with the West line of said Section 6 a distance of 5.70 feet; thence S89°48'49"E parallel with said East–West 1/4 line 340.06 feet; thence N00°32'00"E parallel with said West section line 3.00 feet; thence S89°48'49"E parallel with said East–West 1/4 line 933.21 feet; thence S00°11'01"E 33.00 feet to said East–West 1/4 line; thence N89°48'49"W along said East–West 1/4 line 1273.63 feet to the point of beginning; said parcel containing 0.94 acre more or less; said parcel subject to all easements and restrictions if any.

**WITNESSES TO SECTION CORNERS:**

Northwest corner Section 6, T4N, R1W, Liber 8 Page 344  
 Found Clinton Co. Remon bar & cap in mon box in Northbound lane of Abbot Rd  
 Found nail & tag #18989 South side power pole, N35°E, 92.37'  
 Found nail & tag #18989 North side 18" Poplar, N70°W, 55.95'  
 Found nail & tag #18989 South side 24" Poplar, West, 52.61'  
 Found nail & tag #13039 East side power pole, S20°E, 50.01'  
 Found 1" pipe, West, 33.00'

West 1/4 corner Section 7, T4N, R1W, Liber 9, Page 473  
 Found remonumentation bar & cap #25832 in monument box  
 Top center bolt of Fire Hydrant, S30°W, 68.41'  
 Found nail & tag in utility pole, N70°W, 24.71'  
 Found nail & tag #16053 in South side of 8" pine, N60°E, 60.55'  
 Found nail & tag #25832 in Southwest side of 12" Box Elder, S60°E, 89.82'  
 Found 3/4" remonumentation bar & cap #25832 in monument box (M–2, T4N, R2W), North, 24.63'

Center of Section 6, T4N, R1W, Liber 9 Page 478  
 Found Ingham Co. Remon bar & cap in monument box  
 Found nail & tag #16053 Southeast side power pole, S45°W, 31.48'  
 Found nail & tag #18989 Northwest side power pole, N45°E, 31.47'  
 Centerline of 4" concrete cylinder encased in sheet metal, N45°W, 35.64'  
 Found nail & tag #16053 South side 8" Maple, N55°W, 57.45'

This survey complies with the requirements of Public Act 132 of 1970, as amended, and is subject to Public Act 591 of 1996, as amended, and was performed with an error of closure no greater than a ratio of 1 in 5000.

All bearings are derived from the East–West 1/4 line of Section 6 which is shown to bear S89°48'49"E on KEBS, Inc. survey Job No. 86620.ALT, dated January 15, 2013.



*Erick R. Friestrom*      10/10/17  
 Erick R. Friestrom      Date:  
 Professional Surveyor No. 53497

	<b>KEBS, INC.</b> KYES ENGINEERING BRYAN LAND SURVEYS	
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FIELD WORK BY <b>NAW</b>	JOB NUMBER:	
SHEET <b>3</b> OF <b>3</b>	<b>92651.BND-2</b>	



**To: Township Board**

**From: Mark Kieselbach, Director of Community Planning and Development**  
**Peter Menser, Principal Planner**

**Date: March 12, 2019**

**Re: Special Use Permit #18091 (Newton Pointe, LLC) construct a group of buildings greater than 25,000 square feet in size at 6276 Newton Road and an adjacent property to the east recognized as Tax I.D. #04-252-005.**

---

Newton Pointe, LLC has submitted a mixed use planned unit development (MUPUD) proposal for a project identified as Newton Park. The approximate 23.95 acre project site is located at the southeast corner of Saginaw Highway and Newton Road and consists of two parcels, a property addressed as 6276 Newton Road (17.97 acres) and a property recognized as Tax I.D. #04-252-005 (six acres). The site is zoned C-2 (Commercial). The project as proposed includes the construction of a new 106,898 square foot mixed use building comprised of 91 multiple family dwelling units, 6,081 square feet of commercial space, and 9,368 square feet of clubhouse space. The rest of the project consists of 10, 10-unit multiple family buildings, five, four-unit multiple family buildings, and fourteen single family dwellings. Total commercial space is approximately 6,081 square feet in size and the total residential square footage is approximately 316,366 square feet. Overall, 225 total residential units are proposed on the property.

In addition to the MUPUD, a special permit (SUP) is required for constructing a group of buildings totaling more than 25,000 square feet in gross floor area (SUP #18091). The special use permit is being processed concurrently with the MUPUD request. This staff report focuses on the special use permit for construction of a group of buildings greater than 25,000 square feet in size. The staff report for MUPUD #18044 should be referenced for a more complete overview of the project.

The construction of any building or group of buildings with a combined gross floor area greater than 25,000 square feet requires a special use permit due to the significant impact such development may have upon adjacent property owners, neighborhoods, and public infrastructure. The Code of Ordinances requires the special use permit to ensure that public utilities, roads, and other infrastructure systems are or will be adequate to support the proposed development.

The Planning Commission held the public hearing on a previous version of the site plan at its December 17, 2018 meeting and voted 9-0 to recommend denial at its March 19, 2019 meeting. The special use permit is being processed concurrently with the MUPUD request, therefore relevant attachments are provided in the MUPUD #18044 staff report for review.

**Township Board Options**

The Township Board may approve or deny the proposed special use permit application. If the Board amends the proposal, the request may be referred back to the Planning Commission for a recommendation. A resolution will be provided at a future meeting.



## 13.E

**To: Township Board**

**From: Mark Kieselbach, Director of Community Planning and Development**

**Date: March 14, 2019**

**Re: Time Limitations for Vending**

---

Based on the discussion at the last Township Board meeting consideration was given to reducing the hours at night during the summer. The hours allowed for vending from April 1 to October 31 (summer) is 9:00 a.m. to 8:00 p.m. The discussion was to change the time from 8:00 p.m. to 7 p.m. or 6 p.m. The (winter) hours from November 1 to March 31 are 9:00 a.m. 6:00 p.m. There was discussion on leaving the time to 6:00 p.m.

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**To: Township Board**

**From: Mark Kieselbach, Director of Community Development and Planning**

**Date: March 12, 2019**

**Re: Chapter 26 Fire Protection and Prevention, Article I—Fireworks**

---

On December 28, 2018 former Governor Richard Snyder approved House Bills 5939, 5940 and 5941, amending the Michigan Fireworks Safety Act, MCL 28.451 et seq. In terms of local government this legislation gives authorization to reduce the number of days and hours that a person may ignite, discharge or use consumer fireworks.

Under the previous Act, a local municipality could not regulate the use of fireworks between 8:00 a.m. and 12:00 midnight on the day before, the day of, or the day after any national holiday (New Year’s Day, Martin Luther King Day, Washington’s Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran’s Day, Thanksgiving Day, and Christmas Day). On New Year’s Day, the use of fireworks could only be regulated between 1:00 a.m. and 8:00 a.m. Under the amended Acts, a local unit of government may now limit the use of fireworks to a total of fourteen hours on New Year’s Eve and New Year’s Day; to approximately twelve hours on the Saturday and on the Sunday before Memorial Day; to approximately twelve hours on each of the five days leading up to the Fourth of July; to approximately twelve hours on the Fourth of July; to approximately twelve hours on July 5 (if that day is a Friday or a Saturday); and to approximately twelve hours on the Saturday and on the Sunday before Labor Day. In addition, the maximum penalty for a violation of a local ordinance imposing these restrictions was increased from \$500 to \$1,000.

The proposed amendment to Chapter 26 of the Code of Ordinances, Article I—Fireworks would prohibit the use of consumer fireworks to the fullest extent permitted under the Fireworks Safety Act. In addition, the ordinance will prohibit the use of fireworks on public property, school property, church property, or any other person’s property without permission; prohibit the use of fireworks while under the influence of alcohol and/or a controlled substance; require a person found responsible for a violation of the ordinance to pay the cost of storage and destruction of the fireworks; and continue to prohibit the possession of fireworks by a minor.

**Attachments**

- 1. Existing ordinance.
- 2. Draft ordinance (redline), dated March 19, 2019.

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**Chapter 26**  
**FIRE PREVENTION AND PROTECTION**

ARTICLE I  
**Fireworks**

**Section 26-1. Ignition, discharge and use of consumer fireworks.**

[Ord. 2013-04, 7-23-2013]

**(a) Definitions.** The following words, terms, and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

**ACT 256**

The Michigan Fireworks Safety Act, Public Act 256 of 2011, MCL § 28.451 et seq., as amended.

**APA STANDARD 87-1**

The 2001 APA Standard 87-1, Standard for Construction and Approval for Transportation of Fireworks, Novelties, and Theatrical Pyrotechnics, published by the American Pyrotechnics Association of Bethesda, Maryland.

**CONSUMER FIREWORKS**

Fireworks devices that are designed to produce visible or audible effects by combustion, that are required to comply with the construction, chemical composition, and labeling regulations promulgated by the United States Consumer Product Safety Commission under 16 CFR Parts 1500 and 1507, and that are listed in APA Standard 87-1, 3.1.2, 3.1.3, or 3.5. "Consumer fireworks" does not include low-impact fireworks.

**FIREWORKS**

Any composition or device, except for a starting pistol, a flare gun, or a flare, designed for the purpose of producing a visible or audible effect by combustion, deflagration, or detonation.

**LOW-IMPACT FIREWORKS**

Ground and handheld sparkling devices, as that phrase is defined under APA Standard 87-1, 3.1, 3.1.1.1 to 3.1.1.8, and 3.5.

**NATIONAL HOLIDAY**

The following legal public holidays:

- (1)** New Year's Day, January 1.
- (2)** Birthday of Martin Luther King, Jr., the third Monday in January.
- (3)** Washington's Birthday, the third Monday in February.
- (4)** Memorial Day, the last Monday in May.
- (5)** Independence Day, July 4.
- (6)** Labor Day, the first Monday in September.

(7) Columbus Day, the second Monday in October.

(8) Veteran's Day, November 11.

(9) Thanksgiving Day, the fourth Thursday in November.

(10) Christmas Day, December 25.

(11) Any other holiday specified in 5 U.S.C. § 6103, as amended.

**SKY LANTERN**

A balloon-type device which is uncontrollable after launch and uses combustible or flammable material to provide heat for lift or buoyancy into the atmosphere, and which is not a consumer firework.

**Section 26-2. Ignition, discharge and use of low-impact fireworks.**

[Ord. 2013-04, 7-23-2013]

A person shall not ignite, discharge, or use low-impact fireworks between the hours of 1:00 a.m. and 8:00 a.m.

**Section 26-3. Ignition, discharge and use of consumer fireworks.**

[Ord. 2013-04, 7-23-2013]

(a) A person shall not ignite, discharge, or use consumer fireworks, except on the day preceding, the day of, or the day after a national holiday.

(b) A person shall not ignite, discharge, or use consumer fireworks on the day preceding, the day of, or the day after a national holiday between the hours of 1:00 a.m. and 8:00 a.m.

**Section 26-4. Sky lantern.**

[Ord. 2013-04, 7-23-2013]

A person shall not ignite, discharge, or use a sky lantern.

**Section 26-5. Enforcement.**

[Ord. 2013-04, 7-23-2013]

This article may be enforced by the Township Fire Chief, Fire Marshal, fire inspectors, law enforcement officers, and code enforcement officials.

**Section 26-6. Seizure.**

[Ord. 2013-04, 7-23-2013]

If an enforcing official has determined that a violation of this article has occurred, the official may seize the fireworks as evidence of such violation.

**Section 26-7. Penalties and costs.**

[Ord. 2013-04, 7-23-2013]

Except as provided for in Act 256, a violation of this article is a municipal civil infraction as defined in the Meridian Charter Township Code of Ordinances. Any person who is found responsible or admits responsibility for a municipal civil infraction shall be subject to a civil fine of not more than \$75 for the first infraction and increasing penalties for additional infractions as established by the Meridian Township Code of Ordinances.

**Section 26-8 through Section 26-25. (Reserved)**

G:\Community Planning & Development\Planning\ORDINANCES\Fireworks\Fireworks ord. clean copy 3-14-19.docx

**Chapter 26**  
**FIRE PREVENTION AND PROTECTION**

**ARTICLE I**  
**Fireworks**

**~~Section 26-1. Ignition, discharge and use of consumer fireworks.~~**

~~(a) Definitions. The following words, terms, and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:~~

**Section 26-1. Definitions.** The following words, terms, and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

**ACT 256**

The Michigan Fireworks Safety Act, Public Act 256 of 2011, MCL § 28.451 et seq., as amended.

**APA STANDARD 87-1**

The 2001 APA Standard 87-1, Standard for Construction and Approval for Transportation of Fireworks, Novelties, and Theatrical Pyrotechnics, published by the American Pyrotechnics Association of Bethesda, Maryland.

**ARTICLES PYROTECHNIC**

Articles pyrotechnic means pyrotechnic devices for professional use that are similar to consumer fireworks in chemical composition and construction but not intended for consumer use, that meet the weight limits for Consumer Fireworks but are not labeled as such, and that are classified as UN0431 or UN0432 under 49 CFR 172.101.

**COMMERCIAL MANUFACTURER**

A person engaged in the manufacture of consumer fireworks.

**CONSUMER FIREWORKS**

Fireworks that are designed to produce visible or audible effects by combustion, that are required to comply with the construction, chemical composition, and labeling regulations promulgated by the United States Consumer Product Safety Commission under 16 CFR Parts 1500 and 1507, and that are listed in APA Standard 87-1, 3.1.2, 3.1.3, or 3.5. Consumer fireworks does not include low-impact fireworks.

**DISPLAY FIREWORKS**

Large fireworks devices and explosive materials intended for use in fireworks displays and designed to produce visible or audible effects by combustion, deflagration, or detonation, as provided in 27 CFR 555.11, 49 CFR 172, and APA standard 87-1, 4.1.

## Fireworks draft ordinance

March 19, 2019 Revision

Page 2

### **FIREWORK OR FIREWORKS**

Any composition or device, except for a starting pistol, a flare gun, or a flare, designed for the purpose of producing a visible or audible effect by combustion, deflagration, or detonation. **Fireworks consist of consumer fireworks, low-impact fireworks, articles pyrotechnic, display fireworks, homemade fireworks, and special effects.**

### **NATIONAL HOLIDAY**

The following legal public holidays:

- ~~(1) New Year's Day, January 1.~~
- ~~(2) Birthday of Martin Luther King, Jr., the third Monday in January.~~
- ~~(3) Washington's Birthday, the third Monday in February.~~
- ~~(4) Memorial Day, the last Monday in May.~~
- ~~(5) Independence Day, July 4.~~
- ~~(6) Labor Day, the first Monday in September.~~
- ~~(7) Columbus Day, the second Monday in October.~~
- ~~(8) Veteran's Day, November 11.~~
- ~~(9) Thanksgiving Day, the fourth Thursday in November.~~
- ~~(10) Christmas Day, December 25.~~
- ~~(11) Any other holiday specified in 5 U.S.C. § 6103, as amended.~~

### **HOLIDAYS**

For the purposes of this ordinance means the following dates, beginning at 11:00 a.m. on each day:

- (1) December 31 until 1 a.m. on January 1.**
- (2) The Saturday and Sunday immediately preceding Memorial Day until 11:45 p.m. on each of those days.**
- (3) June 29 to July 4 until 11:45 p.m. on each of those days.**
- (4) July 5, if that date is a Friday or Saturday, until 11:45 p.m.**
- (5) The Saturday and Sunday immediately preceding Labor Day until 11:45 p.m. on each of those days.**

### **HOMEMADE FIREWORKS**

Any composition or device designed for the purpose of producing a visible or audible effect by combustion, deflagration, or detonation that is not produced by a commercial manufacturer and does not comply with the construction, chemical composition, and labeling regulations of the United States Consumer Product Safety Commission under 16 CFR parts 1500 and 1507.

**LOW-IMPACT FIREWORKS**

Ground and handheld sparkling devices, as that phrase is defined under APA Standard 87-1, 3.1, 3.1.1.1 to 3.1.1.8, and 3.5.

**MINOR**

An individual who is less than 18 years of age.

**NOVELTIES**

Means that term as defined under APA standard 87-1, 3.2.2, 3.2.3, 3.2.4, 3.2.4 and 3.2.5 and all of the following:

**(1)** Toy plastic or paper cups for toy pistols in sheet, strips, rolls, or individual caps containing not more than .25 of a grain of explosive content per cap, in packages labeled to indicate the maximum explosive content per cap.

**(2)** Toy pistols, toy cannons, toy canes, toy trick noisemakers, and toy guns in which toy caps as described in subparagraph (1) are used, that are constructed so that the hand cannot come into contact with the cap when in place for the explosion, and that are not designed to break apart or be separated so as to form a missile by the explosion.

**(3)** Flitter sparklers in paper tube not exceeding 1/8 inch in diameter.

**(4)** Toy snakes not containing mercury, if packed in cardboard boxes with not more than 12 pieces per box for retail sale and if the manufacturer's name and the quantity contained in each box are printed on the box, and toy smoke devices.

**PERSON**

An individual, agent, association, charitable organization, company, limited liability company, corporation, labor organization, legal representative, partnership, unincorporated organization, or any other legal or commercial entity.

**SKY LANTERN**

A balloon-type device which is uncontrollable after launch and uses combustible or flammable material to provide heat for lift or buoyancy into the atmosphere, and which is not a consumer firework.

**Section 26-2. Ignition, discharge and use of low-impact and novelty fireworks.**

~~A person shall not ignite, discharge, or use low-impact fireworks between the hours of 1:00 a.m. and 8:00 a.m.~~

The use of low-impact fireworks and novelty fireworks is permitted year-round between the hours of 8:00 a.m. and 11:00 p.m.

**Section 26-3. Sky lantern.**

A person shall not ignite, discharge, or use a sky lantern.

**Section ~~26-3.~~ 26-4. Ignition, discharge and use of consumer fireworks.**

(a) A person shall not ignite, discharge, or use consumer fireworks, except ~~on the day preceding, the day of, or the day after a national holiday~~ **as provided for in this ordinance.**

(b) A person shall not ignite, discharge, or use consumer fireworks ~~on the day preceding, the day of, or the day after a national holiday between the hours of 1:00 a.m. and 8:00 a.m.~~

**(b) A minor shall not possess consumer fireworks.**

**~~Section 26-4. Sky lantern.~~**

~~A person shall not ignite, discharge, or use a sky lantern.~~

**Section 26-5. Ignition, discharge, or use of consumer fireworks on public property, school property, church property or the property of another person.**

(a) A person shall not ignite, discharge or use consumer fireworks on public property, school property, church property, or the property of another person without that organization's or person's express permission to use those fireworks on those premises.

(b) A violation of this section is a civil infraction, punishable by a fine of not more than \$500.00.

**Section 26-6. Ignition, discharge, or use of consumer fireworks while under the influence.**

(a) A person shall not ignite, discharge, or use consumer fireworks or low-impact fireworks while under the influence of alcoholic liquor, a controlled substance, or a combination of alcoholic liquor and a controlled substance.

(b) As used in this section, "alcoholic liquor" means that term as defined in Section 1d of the Michigan Vehicle Code, MCL 257.1d, as may be amended, and "controlled substance" mean that term as defined in Section 8b of the Michigan Vehicle Code, MCL 257.8b, as may be amended.

(c) A violation of this section is a civil infraction, punishable by a fine of not more than \$1,000.00.

**Section 26-7. Regulations governing the use of consumer fireworks.**

(a) The requirements of this section do not apply to the use of consumer fireworks during a holiday.

(b) Any person wishing to stage a consumer fireworks display shall, at least 60 days prior to the display, submit an application on a form furnished by the Township and secure permission to stage that display from the Township Board.

(c) A site plan of the area where the fireworks display is to be conducted shall be submitted with the application. The site plan shall set forth all structures in the area and the discharge site fallout area, as well as the distance separating the mortars and the spectators viewing the display. All site plans must be approved by the Township Fire Department prior to Township Board approval.

**Fireworks draft ordinance**

**March 19, 2019 Revision**

**Page 5**

(d) Every person who ignites, discharges, or uses consumer fireworks shall follow National Fire Protection Association (NFPA) Code 1123 for fireworks display, the requirements of the Act and regulations promulgated thereunder, and/or Township requirements, whichever is the most restrictive.

(e) Every person who is granted a permit to ignite, discharge, or use consumer fireworks shall maintain personal liability insurance/property damage liability insurance in the amount of \$2,000,000 as a minimum during each event. Additional insurance may be required based upon conditions and/or location of the display. The Township and its employees and/or officers shall be named as additional named insured on the insurance policy. The insurance policy must be submitted with the aforementioned application. The insurance policy shall also include coverage for the cleanup after the event has ended.

(f) Any person using fireworks shall be responsible for all shells or devices being fired or burned. In the event any shell does not explode, the person shall secure the area until the unexploded shell is found and properly disposed of.

(g) Smoking in an area where fireworks are being used is prohibited.

(h) Nothing herein limits the liability of any individual for injury to any person or property as a result of the use of fireworks, including any fire suppression costs incurred as a result of improper, careless or negligent use of fireworks.

(i) The applicant shall cause the site of the fireworks display to be cleaned up within 24 hours after the display has ended.

**Section 26-8. Dangerous conditions and no-burning restrictions.**

(a) No person may ignite, discharge, or use any firework if the State Fire Marshal, the commanding officer of the Township's Fire Department, or a firefighter acting in uniform acting under the orders and directions of the commanding officer of the Township's Fire Department determines that a dangerous or emergency condition exists, except in strict compliance with any restrictions or requirements imposed by such an individual.

(b) If environmental concerns based on the Department of Natural Resources (DNR) fire division's criteria are elevated to "extreme", or to "very high" for 72 consecutive hours, the commanding officer of the Township's Fire Department, in consultation with the DNR, may enforce a no burning restriction, including a ban on the ignition, discharge, and use of consumer fireworks within the Township. The governor, the DNR, or the State Fire Marshal may also enforce such a restriction statewide. If a no burning restriction is implemented by the commanding officer of the Township's Fire Department, the public shall be given adequate notice of that restriction. No later than 24 hours after the fire conditions are downgraded from extreme or very high conditions, the commanding officer of the Township's Fire Department shall lift the restriction on the use of consumer fireworks, and shall inform the public in the same manner the restriction was announced if the commanding officer initiated the ban.

**~~Section 26-5. Enforcement.~~**

~~This article may be enforced by the Township Fire Chief, Fire Marshal, fire inspectors, law enforcement officers, and code enforcement officials.~~

**~~Section 26-6. Seizure.~~**

~~If an enforcing official has determined that a violation of this article has occurred, the official may seize the fireworks as evidence of such violation.~~

**~~Section 26-7. Penalties and costs.~~**

~~Except as provided for in Act 256, a violation of this article is a municipal civil infraction as defined in the Meridian Charter Township Code of Ordinances. Any person who is found responsible or admits responsibility for a municipal civil infraction shall be subject to a civil fine of not more than \$75 for the first infraction and increasing penalties for additional infractions as established by the Meridian Township Code of Ordinances.~~

**Section 26-9. Enforcement and seizure of fireworks and penalties.**

(a) This ordinance may be enforced by any sworn law enforcement officers, the fire chief, fire inspector, code enforcement officer, or any person authorized to issue appearance tickets or civil infractions.

(b) If an enforcing official determines that a violation of this ordinance or the act has occurred, the official may seize the fireworks as evidence of such violation and store or cause those fireworks to be stored pending disposition of enforcement proceedings. Upon a finding of guilt, responsibility, or liability, the person so adjudged shall be required to pay all associated storage expenses.

(c) Unless otherwise provided herein, any person who violates this ordinance is guilty of a municipal civil infraction which shall be punishable upon a finding of responsibility thereof by a fine not exceeding \$1000.00. Upon a finding of responsibility, \$500.00 of that fine shall be remitted to the local law enforcement agency responsible for enforcing the ordinance, if any.

(d) Upon conviction, or finding of responsibility, for a violation of this ordinance, law enforcement officials may surrender any fireworks retained as evidence for prosecution of the violation to the Department of Licensing and Regulatory Affairs for destruction as provided by Public Act 5939 of 2018, Section 15(2).



**To:** Township Board Members

**From:** Derek N. Perry, Assistant Township Manager  
Director of Public Works & Engineering  
Younes Ishraidi, P.E., Chief Engineer

**Date:** March 14, 2019

**Re:** Kansas Road Sanitary Sewer Main  
Special Assessment District #52 - Re-apportionment

---

The final roll for the Kansas Road Sanitary Sewer Main Special Assessment District (SAD) #52 was approved by the Township Board on April 18, 2017. However, the assessments will need to be re-apportioned due to a recent split of one of the parcels within the approved SAD. The parcel split increased the number of parcels within the SAD from the original seventeen (17) to nineteen (19).

This re-apportionment will require formal action from the Township Board and will include notices and a public hearing as required by Public Act 188 of 1954.

The original assessments will need to be re-apportioned to reflect the new number of benefitting parcels. All original parcels will be credited approximately \$673 on their original assessments of \$6,893.60. As such, the new re-apportioned assessment per parcel will be approximately \$6,221. Original assessments that have been paid in full, will receive a refund. Remaining balances on original assessments that have not been paid yet, will be lowered accordingly. The two additional parcels will each be assessed approximately \$5,721. This amount is based on the fact that unlike the other seventeen parcels, these two new parcels do not have sanitary sewer laterals and the owners will need to install them at their own cost, when the parcels are developed.

The Township has already sent a letter to property owners informing them about the re-apportionment process, and in order to find out if there are any potential parcel splits under consideration by owners of eligible parcels in the near future.

The following motion will be proposed at the next Board meeting:

**“Move to approve Kansas Road Sanitary Sewer Main Special Assessment District #49 Re-apportionment Resolution, which files the proposed re-apportionment of the final special assessment roll with the Township Clerk and sets the date for a public hearing on April 19, 2019.”**

FINAL ASSESSMENT ROLL  
(Proposed for 2019 Re-apportionments)

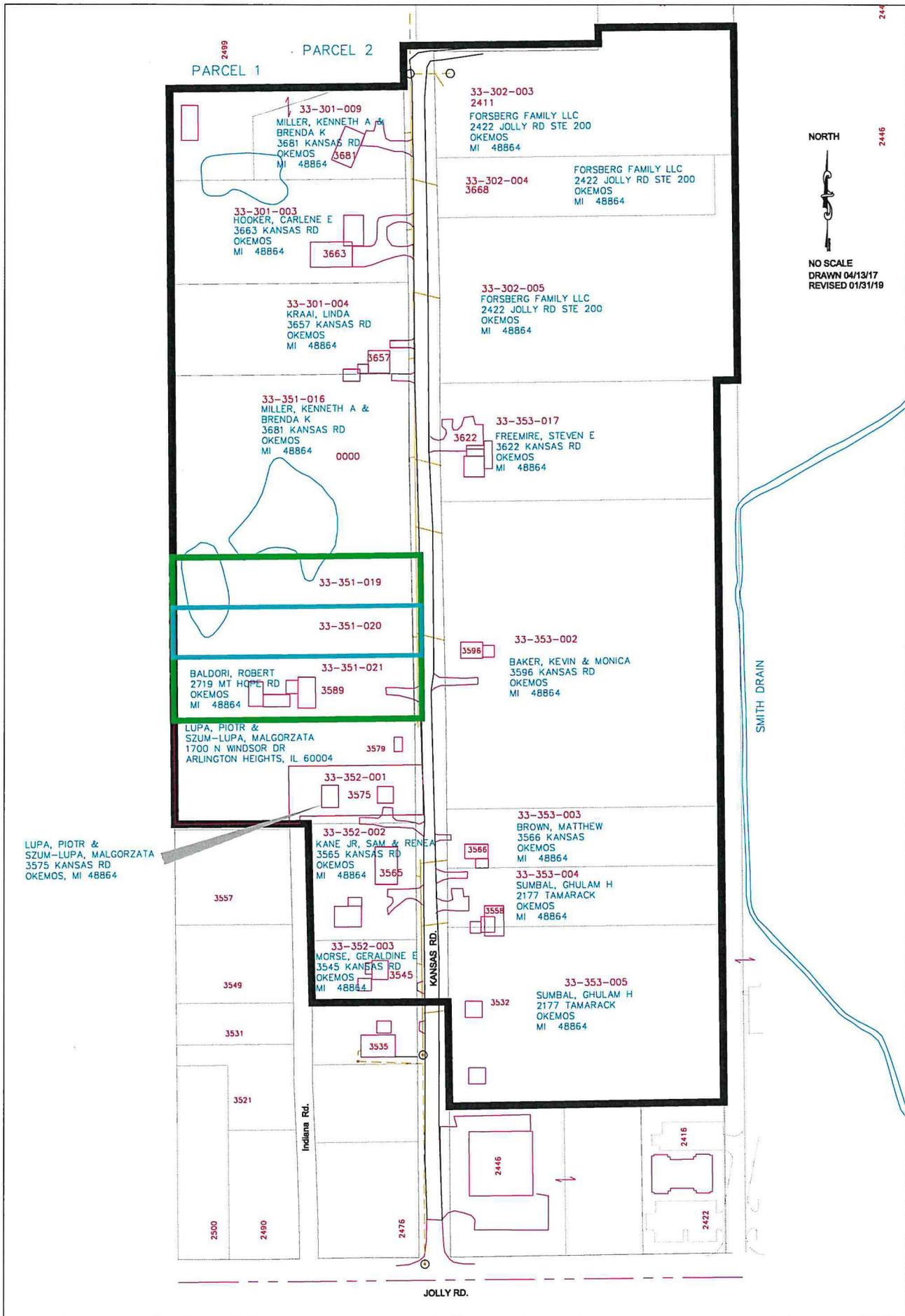
			Mailing Address						Assessment
	Parcel #	Address	Primary Name	Street Address	City	ST	Zip		
1	3302-02-33-301-003	3663 Kansas Road	Carlene E. Hooker	3663 Kansas Road	Okemos	MI	48864	\$6,220.59	
2	3302-02-33-301-004	3657 Kansas Road	Linda Kraai	3657 Kansas Road	Okemos	MI	48864	\$6,220.59	
3	3302-02-33-301-009	3681 Kansas Road	Kenneth & Brenda Miller	3681 Kansas Road	Okemos	MI	48864	\$6,220.59	
4	3302-02-33-302-003	2411 Kansas Road	Forsberg Family LLC	2422 Jolly Road, Suite 200	Okemos	MI	48864	\$6,220.59	
5	3302-02-33-302-004	3668 Kansas Road	Forsberg Family LLC	2422 Jolly Road, Suite 200	Okemos	MI	48864	\$6,220.59	
6	3302-02-33-302-005	0 Kansas Road	Forsberg Family LLC	2422 Jolly Road, Suite 200	Okemos	MI	48864	\$6,220.59	
7	3302-02-33-351-016	0 Kansas Road	Kenneth & Brenda Miller	3681 Kansas Road	Okemos	MI	48864	\$6,220.59	
8	3302-02-33-351-019	0 Kansas Road	Robert Baldori	2719 Mt. Hope Road	Okemos	MI	48864	\$5,720.59	
9	3302-02-33-351-020	0 Kansas Road	Robert Baldori	2719 Mt. Hope Road	Okemos	MI	48864	\$5,720.59	
10	3302-02-33-351-021	3589 Kansas Road	Robert Baldori	2719 Mt. Hope Road	Okemos	MI	48864	\$6,220.59	
11	3302-02-33-351-018	3579 Indiana Road	Piotr Lupa & Malgorzata Szum-Lupa	3575 Kansas Road	Okemos	IL	60004	\$6,220.59	
12	3302-02-33-352-008	3575 Kansas Road	Piotr Lupa & Malgorzata Szum-Lupa	3575 Kansas Road	Okemos	MI	48864	\$6,220.59	
13	<del>3302-02-33-352-010</del>	3565 Kansas Road	Sam & Renea Kane Jr.	3565 Kansas Road	Okemos	MI	48864	\$6,220.59	
14	3302-02-33-352-003	3545 Kansas Road	Geraldine E. Morse	3545 Kansas Road	Okemos	MI	48864	\$6,220.59	
15	3302-02-33-353-002	3596 Kansas Road	Kevin & Monica Baker	3596 Kansas Road	Okemos	MI	48864	\$6,220.59	
16	3302-02-33-353-003	3566 Kansas Road	Matthew Brown	3566 Kansas Road	Okemos	MI	48864	\$6,220.59	
17	3302-02-33-353-004	3558 Kansas Road	Ghulam H. Sumbal	1998 Jolly Road	Okemos	MI	48864	\$6,220.59	
18	3302-02-33-353-005	3532 Kansas Road	Ghulam H. Sumbal	1998 Jolly Road	Okemos	MI	48864	\$6,220.59	
19	3302-02-33-353-017	3622 Kansas Road	Steven E. Freemire	3622 Kansas Road	Okemos	MI	48864	\$6,220.59	

**\$117,191.21**

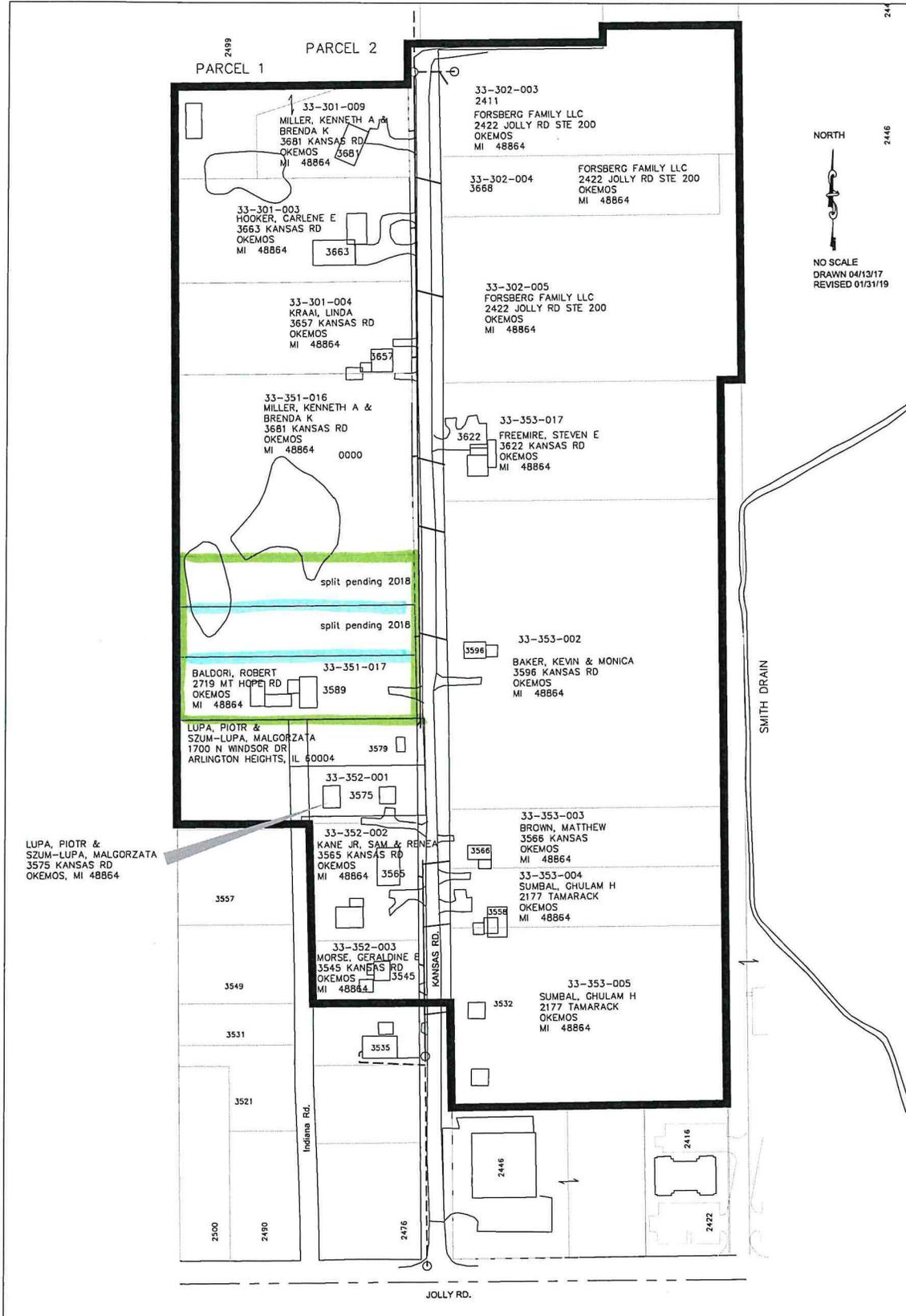
New parcels split from original 33-351-017  
 Assessments for two of these parcels is \$500 less as they have no laterals

3302-02-33-352-010
 Old parcel #33-352-002

# KANSAS ROAD SANITARY SEWER ASSESSMENT DISTRICT #52



# KANSAS ROAD SANITARY SEWER ASSESSMENT DISTRICT #52





**To: Township Board Members**  
**From: Derek N. Perry, Assistant Township Manager  
Director of Public Works & Engineering**  
**Date: March 19, 2019**  
**Re: Grettenberger Drain 434 Agreement**

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As the Township Board is aware, the intersection of Grand River Avenue and Okemos Road has been subject to periodic flooding at certain times of the year. The depth of the flooding can be so severe, that for certain durations, the entire intersection has to be closed to traffic to prevent injury to people and property (see included photos).

In an effort to develop a plan to eliminate this recurring flooding situation, we recently met with our partners representing the Ingham Count Drain Commissioner (ICDC), the Michigan Department of Transportation (MDOT), and the Ingham County Road Department (ICRD). This was necessary, as all of the jurisdictions have infrastructure in the area and any resulting plan to resolve the issue would impact all parties.

In addition to the flooding problem, the Township Board may recall the emergency repair that was made to the storm pipe on Okemos Road south of Grand River last summer by the ICDC. This section of the Grettenberger Drain pipe failed, and caused a resulting sinkhole on Okemos Road. The remaining pipe is of a similar condition and needs to be replaced before another failure occurs. Anyone that drives this section of road is also keenly aware of its terrible condition. The ICRD is ready to repave this portion, but we need to replace the storm sewer system before we proceed with the road work.

The final reason we are recommending that we pursue a solution for the Grettenberger Drain is its impact it may have on the storm water infrastructure for downtown Okemos. While the current drain serves the eastern two blocks, potential future coattail development needs to be considered in the final drain improvement plan and should be done in a comprehensive manner.

Because this is a complex drainage system, it is necessary to perform significant analysis and modeling of the system. The resulting report will provide us with potential solutions for the proper replacement of the Grettenberger Drain.

As we did with the Smith Drain in 2015, we are recommending that we advance the funds to the ICDC to complete the study. With the Smith Drain, we had a similar situation in that the drain crossing under Jolly Road was failing and a comprehensive analysis of the storm system was necessary to evaluate the impact of the additional and future development that was occurring along the Jolly Road corridor.



## 13. H.

The ICDC and its consultant, LSG Engineers and Surveyors can complete the study for \$54,350.00. Once the replacement project is undertaken, the Township would receive a credit in the amount equal to the study towards its at-large assessment. MDOT and the ICRD would also financially participate in the total cost of the project through their at-large assessments.

### **Recommended motion once approved for ACTION:**

**“Move to authorize the Township Supervisor to sign the attached Agreement for Advance of Money for Drain Work Pursuant to Section 434 of Act No. 40 of the Public Acts of 1956, as amended, agreeing to advance the Ingham County Drain Commissioner \$54,350 for the Grettenberger Drain and its associated tributaries hydrologic and hydraulic study”.**

#### Attachment(s):

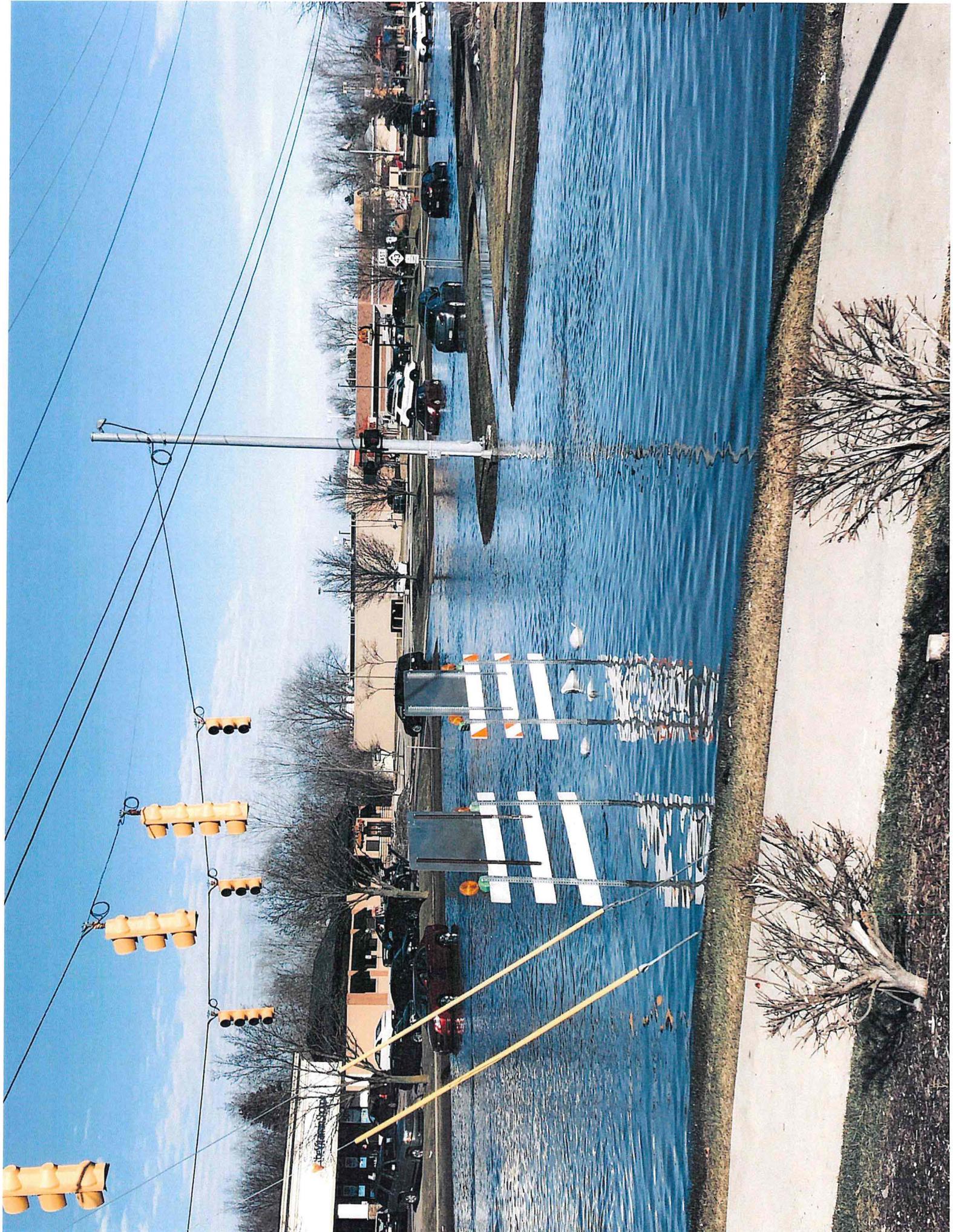
Map of Grettenberger Drain

Images of flooding (2)

434 Agreement (4 pages)

Study proposal (3 pages)







TO  
96

RIGHT LANE  
MUST  
TURN RIGHT

**AGREEMENT FOR ADVANCE OF MONEY FOR DRAIN WORK PURSUANT TO  
SECTION 434 OF ACT NO. 40 OF THE PUBLIC ACTS OF 1956, AS AMENDED**

**THIS AGREEMENT**, made and entered this \_\_\_\_\_ day of \_\_\_\_\_ 2019, by and between Patrick E. Lindemann, Ingham County Drain Commissioner, whose address is 707 Buhl Avenue, Mason, Michigan, 48854, (“Drain Commissioner”) on behalf of the **Addison Drain Drainage District; Ardmore Drain Drainage District; Grettenberger Drain Drainage District; Grettenberger Relief Drain Drainage District; Kent Drain Drainage District; Meijers Drain Drainage District; Okemos Drain Drainage District and Okemos Tile Drain Drainage District** (“Drainage Districts”), and Meridian Charter Township (“Township”) whose address is the 5151 Marsh Road, Okemos, Michigan, 48864.

**WHEREAS**, the Addison Drain Drainage District; Ardmore Drain Drainage District; Grettenberger Drain Drainage District; Kent Drain Drainage District; Meijers Drain Drainage District; and the Okemos Tile Drain Drainage District are public bodies corporate in the County of Ingham and State of Michigan, established pursuant to Chapter 4 of Act 40 of the Public Acts of 1956 of the State of Michigan, as amended (“Drain Code”), and are under the jurisdiction of the Drain Commissioner; and

**WHEREAS**, the Okemos Drain Drainage District and the Grettenberger Relief Drain Drainage District; are public bodies corporate in the County of Ingham and State of Michigan, established pursuant to Chapter 20 of Act 40 of the Public Acts of 1956 of the State of Michigan, as amended (“Drain Code”), and are under the jurisdiction of the Okemos Drain Drainage Board and the Grettenberger Relief Drain Drainage Board, respectively; and

**WHEREAS**, the Township is a Michigan Municipal Corporation, organized pursuant to Michigan Public Act 359 of the Public Acts of 1947, as amended, MCL 42.1 et seq., as a Charter Township; and

**WHEREAS**, the Parties to this Agreement have agreed to undertake a hydrologic and hydraulic study of the Drainage Districts (the “Study”) in order to ensure that there is no detriment or diminution of the drainage service in the Drainage Districts; and

**WHEREAS**, Section 434 of the Drain Code provides that a drainage district may accept the advance of work, material, or money from a public or private corporation, partnership, association, individual, or the federal government or any agency of the federal government for the payment of, or in connection with the construction of, any part of a drain project or for financing a feasibility, practicability, environmental assessment, or impact study of a drain project which may include the payment for easement or land acquisition or engineering and legal fees, or an engineering, environment impact, or assessment study; and

**WHEREAS**, Section 434 of the Drain Code provides that the repayment or reimbursement of the money may be evidenced by contract and may be payable out of drain assessments against the public corporation at large or against lands in the drainage district, or out

of the proceeds of drain orders, notes, or bonds issued by the drainage district pursuant to this act or out of any other available funds.

**NOW, THEREFORE,** in consideration of the promises and covenants of each, the parties hereto agree as follows:

1. Pursuant to Section 434 of the Drain Code, the Township agrees to advance money to the Drainage Districts without interest for a Study, to be undertaken by the Drain Commissioner, in an amount not to exceed fifty-four thousand three hundred fifty dollars (\$54,350.00).
2. The Drain Commissioner and the Drainage Districts agree to include the cost of the Study in the computation of costs that are deemed necessary and to provide a credit to the Township in an amount equal to the amount paid for the Study and to apply the credit towards the Township's at-large assessment for such projects that are deemed necessary.
3. The Drain Commissioner and the Drainage Districts agree to provide the Township with invoices of the costs related to the Study which will be paid to the Drain Commissioner within 30 days of receipt by the Township.
4. This Agreement contains the entire agreement of the parties. No modification of this Agreement shall be valid or binding unless such modification is in writing, dated and signed by both parties.

**IN WITNESS WHEREOF,** the parties hereto have caused this Agreement to be executed by the duly authorized officers as of the day and year first above written.

***SIGNATURE APPEAR ON FOLLOWING PAGES***

**ADDISON DRAIN DRAINAGE DISTRICT; ARDMORE DRAIN DRAINAGE DISTRICT; GRETTEMBERGER DRAIN DRAINAGE DISTRICT; GRETTEMBERGER RELIEF DRAIN DRAINAGE DISTRICT; KENT DRAIN DRAINAGE DISTRICT; MEIJERS DRAIN DRAINAGE DISTRICT; OKEMOS DRAIN DRAINAGE DISTRICT and OKEMOS TILE DRAIN DRAINAGE DISTRICT**

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

Patrick E. Lindemann  
Ingham County Drain Commissioner and Chair of  
the Okemos Drain Drainage Board and the  
Grettenberger Relief Drain Drainage Board

STATE OF MICHIGAN        )  
  )ss.  
COUNTY OF INGHAM        )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2019, before me, a Notary Public in and for said County, personally appeared Patrick E. Lindemann on behalf of the Drainage Districts and Drainage Boards who acknowledged the foregoing instrument to be his free act and deed.

\_\_\_\_\_  
\_\_\_\_\_, Notary Public  
State of Michigan, County of Ingham  
My commission expires: \_\_\_\_\_  
Acting in the County of: Ingham

**MERIDIAN CHARTER TOWNSHIP**

\_\_\_\_\_  
Ronald Styka, Township Supervisor

STATE OF MICHIGAN        )  
  )ss.  
COUNTY OF INGHAM        )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2019, before me, a Notary Public in said County, personally appeared Ronald Styka, Township Supervisor of Meridian Charter Township, who acknowledged the foregoing instrument to be their free act and deed.

\_\_\_\_\_  
Notary Public  
State of Michigan, County of Ingham  
My Commission expires:

\_\_\_\_\_  
Acting in the County of:  
\_\_\_\_\_

\_\_\_\_\_  
Brett Dreyfus, Township Clerk

STATE OF MICHIGAN        )  
  )ss.  
COUNTY OF INGHAM        )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2019, before me, a Notary Public in said County, personally appeared Brett Dreyfus, Township Clerk of Meridian Charter Township, who acknowledged the foregoing instrument to be their free act and deed.

\_\_\_\_\_  
Notary Public  
State of Michigan, County of Ingham  
My Commission expires:

\_\_\_\_\_  
Acting in the County of:  
\_\_\_\_\_

DRAFTED BY, RETURN TO:  
Ingham County Drain Commissioner  
707 Buhl Avenue  
Mason, MI 48854



February 21, 2019

Ms. Carla F. Clos, Administrative Chief Deputy  
Ingham County Drain Commissioner's Office  
707 Buhl  
PO Box 220  
Mason, MI 48854

RE: Proposal for Professional Services  
Schematic Stormwater Modeling for Okemos Village Area  
Meridian Charter Township, Ingham County

Dear Carla:

As you requested, we have prepared this proposal to study, hydraulically model and analyze the existing storm drainage system(s) in and around the environs of the Okemos Village district. We understand the reasons for your request are

- persistent flooding at the Okemos Road and Grand River Avenue (M-43) intersection
- flooding complaints in areas surrounding the Okemos Village
- apparent capacity issues with existing storm drains in the vicinity including drainage systems under the jurisdiction of the Drain Commissioner, Michigan Department of Transportation (MDOT) and Ingham County Road Department (ICRD)
- pending Okemos Road improvements by the ICRD
- anticipated Grand River Avenue (M-43) improvements by MDOT and/or Meridian Township
- anticipated development within the Okemos Village area near the Hamilton/Okemos intersection.

In preparing this proposal we have made a cursory review of available records and the County's LiDAR information. The records include plans on file in the Drain Office as well as MDOT plans for Grand River Avenue. Based on our review, we see the general limits of the study area to be bounded by

- the crest of the Grand River Ave. bridge over the CN Railway tracks on the west,
- Central Park Drive and the north side of the Meridian Mall on the north,
- the high point on Grand River Ave. approximately 0.5 mile east of Marsh Road,
- and the Red Cedar River on the south.

The scope, order of work and tasks included with this proposal are presented in the subsequent outline:

1. Collect existing storm drain plans and/or studies from
  - a. MDOT – Grand River Avenue (M-43)
  - b. ICDC – Addison Drain, Ardmore Drain, Grettenberger Drain, Grettenberger Relief Drain, Kent Drain, Meijer Drain, Okemos Drain and Okemos Tile Drain
  - c. ICRD – for various local road drainage systems
  - d. Meridian Township – for various site plan or site improvement projects that have a significant effect on stormwater runoff (ie., Meridian Mall, Meijer's, etc.)
2. Compile a photo record of existing flood events to identify flood limits, high water elevations, etc.
3. Make a detailed review of collected information
  - a. Identify common points from the various plans
  - b. Identify reference points such as high water marks
  - c. Review MDOT drainage study if one exists.
4. Meet with ICDC staff to confirm information and reference field and maintenance records
5. Perform a field investigation to confirm plan information, cross-connections, outlets, etc.
6. Perform a basic field survey of common points to convert all plans to the North American Vertical Datum of 1988 (NAVD88)
  - a. This is the vertical datum used for the FEMA Flood Insurance Study and FIRMs (floodplain maps)
7. Construct a schematic hydraulic model for the storm drainage system(s) using US EPA's Stormwater Management Model (SWMM)
  - a. Model will be constructed from the following information
    - i. Existing plan data converted to a common datum
    - ii. Existing LiDAR information available from Ingham County
    - iii. Existing online data for soils, land use, etc.
8. Perform a schematic analysis of the existing storm drain system(s)
  - a. Calibrate the model to high water mark elevations
  - b. Determine system capacity(s)
  - c. Identify deficiencies
  - d. Estimate level of service
9. Identify potential alternatives to correct deficiencies
10. Prepare DRAFT report of findings and present to the ICDC

LSG Engineers & Surveyors proposes to provide these professional services for a fee of \$54,350.

If you wish, I am available to answer any questions or discuss this proposal in more detail.

Sincerely

A handwritten signature in blue ink, appearing to read 'Alan D. Boyer', with a long horizontal stroke extending to the right.

Alan D. Boyer, Principal  
LSG Engineers & Surveyors